

S T R E L I T Z I A 14

Plants of southern Africa: an annotated checklist

G. Germishuizen & N.L. Meyer
(Editors)



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INSTITUTE

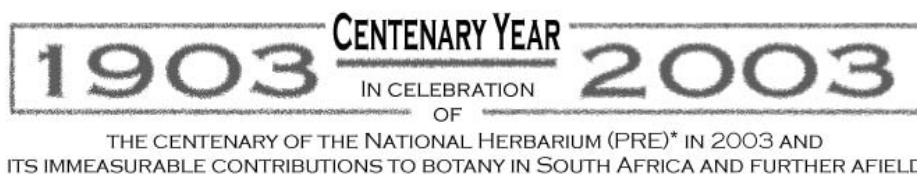
Pretoria

2003

STRELITZIA

This series has replaced *Memoirs of the Botanical Survey of South Africa* and *Annals of Kirstenbosch Botanic Gardens* which the NBI inherited from its predecessor organisations.

The genus *Strelitzia* occurs naturally in the eastern parts of southern Africa. It comprises three arborescent species, known as wild bananas, and two acaulescent species, known as crane flowers or bird-of-paradise flowers. The logo of the National Botanical Institute is based on the striking inflorescence of *Strelitzia reginae*, a native of the Eastern Cape and KwaZulu-Natal that has become a garden favourite worldwide. It symbolises the commitment of the National Botanical Institute to promote the sustainable use, conservation, appreciation and enjoyment of the exceptionally rich plant life of South Africa, for the benefit of all its people.



* See *Bothalia* 28: 271–297 (1998).

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The names of compilers appear directly below the family names and also below the genus names in some cases. A reference to a family or genus treatment from the book should therefore be cited as in the examples below.

Family treatment:

ROUX, J.P. 2003. Pteridaceae. In G. Germishuizen & N.L. Meyer (eds), *Plants of southern Africa: an annotated checklist. Strelitzia* 14: 80–83. National Botanical Institute, Pretoria.

Genus treatment with compiler(s) given only for the family as a whole:

VICTOR, J.E., NICHOLAS, A., BRUYNS, P.V., VENTER, H.J.T. & GLEN, H.F. *Asclepias*. In G. Germishuizen & N.L. Meyer (eds), *Plants of southern Africa: an annotated checklist. Strelitzia* 14: 133–136. National Botanical Institute, Pretoria.

Genus treatment with compiler(s) also given for the individual genus:

RETIEF, E. 2003. *Berkheya*. In G. Germishuizen & N.L. Meyer (eds), *Plants of southern Africa: an annotated checklist. Strelitzia* 14: 192–196. National Botanical Institute, Pretoria.

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ABSTRACT

GERMISHUIZEN, G. & MEYER, N.L. (eds) 2003. Plants of southern Africa: an annotated checklist. *Srelitzia* 14.

Southern Africa has the richest temperate flora in the world and encompasses a rich floristic diversity of approximately 24 000 taxa (species and infraspecific taxa) of 368 families, including more than 10% of the world's vascular plant flora on less than 2.5% of the earth's land surface area. Accurate coverage of this remarkable flora has been made possible at the species level through PRECIS (National Herbarium, Pretoria (PRE) Computerised Information System), maintained by the National Botanical Institute. PRECIS includes all indigenous and naturalised plants recorded from the same area as the *Flora of southern Africa* (Namibia, Botswana, South Africa, Swaziland and Lesotho). This book is largely based on PRECIS and includes data on life cycle, life form, height of plant and altitude together with updated information on literature references, synonyms and regional distribution. Families are grouped into seven more or less natural assemblages: Bryophyta, Hepatophyta, Anthocerotophyta, Pteridophyta, Gymnosperms, Dicotyledons and Monocotyledons.

INTRODUCTION

Background

Southern Africa has the richest temperate flora in the world and encompasses a rich floristic diversity of approximately 24 000 taxa (species and infraspecific taxa) of 368 families, including more than 10% of the world's vascular plant flora on less than 2.5% of the earth's land surface area. Accurate coverage of this remarkable flora has been made possible at the species level through PRECIS (National Herbarium, Pretoria (PRE) Computerised Information System), maintained by the National Botanical Institute. PRECIS includes all indigenous and naturalised plants recorded from the same area as the *Flora of southern Africa (FSA)*: the subcontinent south of the Kunene, Okavango, Zambezi and Limpopo Rivers.

The first list of southern African plants published from PRECIS was the *List of species of southern African plants* (Gibbs Russell *et al.* 1984), which comprised a basic list of names in current use. It was followed by a second edition which appeared in two parts and included synonyms and references to recent literature. Part 1 (Gibbs Russell *et al.* 1985) covered the bryophytes, pteridophytes, gymnosperms and monocotyledons. Part 2 (Gibbs Russell *et al.* 1987) covered the dicotyledons. Updates were listed in *Bothalia* from 1988 to 1991. The third edition in the series, *Plants of southern Africa: names and distribution* edited by T.H. Arnold & B.C. de Wet, appeared in 1993, with regional distribution data as an additional feature.

The current publication, the fourth edition in the series, has been expanded to include data on life cycle, life form, height of plant and altitude together with the updated information on literature references, synonyms and regional distribution. These data are based largely on the herbarium collections of the National Botanical Institute and are therefore inevitably incomplete. They nevertheless provide a useful checklist of the plants of southern Africa.

Changes over ten years

The southern African flora is extremely diverse and many groups are not well known or well documented, with the most recent revisions often going back 50 years or more. When any of these groups are revised, numerous and often radical changes sometimes have to be made, resulting in a relatively high annual incidence of changes in names and concepts. We have compared the numbers of families, genera, species and taxa given ten years ago in Arnold & De Wet (1993) to the numbers reflected in the current work (see Table). Certain names no longer appear in the current list because they are no longer considered relevant to the southern African flora.

TABLE.—Numbers of families, genera, species and taxa (species plus infraspecific taxa) in Arnold & De Wet (1993) and in the current work (2003)

	Families		Genera		Species		Taxa	
	1993	2003	1993	2003	1993	2003	1993	2003
Bryophyta		59		217		546		555
Hepatophyta	94	38	292	90	814	309	817	313
Anthocerotophyta		1		2		7		7
Pteridophyta	28	34	76	88	260	278	282	294
Gymnosperms	7	6	8	10	50	61	52	61
Dicotyledons	177	172	1 710	1 733	16 175	15 653	18 029	17 353
Monocotyledons	47	59	518	499	4 912	4 963	5 323	5 452
Total FSA	353	369	2 604	2 639	22 211	21 817	24 503	24 035

Arrangement and circumscription of families, genera, species and infraspecific taxa

Family, genus and species names and synonyms are given in alphabetical sequence. Current names are in bold. *Synonyms* are printed in *italics*.

Families are primarily grouped into seven more or less natural assemblages: Bryophyta (pp. 1–37); Hepatophyta (pp. 39–61); Anthocerotophyta (pp. 63, 64); Pteridophyta (pp. 65–86); Gymnosperms (pp. 87–90); Dicotyledons (pp.

91–951); and Monocotyledons (pp. 953–1216). The classification of the gymnosperms, dicotyledons and monocotyledons mainly follows Leistner (2000).

A genus name is abbreviated to its initial letter only in that part of the list dealing with that particular genus. Genus names that are used only as synonyms in the *FSA* region are given in italics even if they are considered to be current names outside our area. The seven-digit numbers that follow main genus entries in this work are those used in the PRECIS database of the National Botanical Institute. They do not necessarily reflect phylogenetic relationships between taxa, but are retained as a useful tool for herbarium workers.

A synonym of a species or subspecific name appears twice: in the complete alphabetical listing of names under the genus, and again indented and in smaller type below the accepted name of which it is considered to be a synonym. In the latter case it is followed by one or more literature reference numbers in brackets.

Naturalised taxa are marked with an asterisk before the name.

Author citations

Author citations are according to Brummitt & Powell (1992).

Literature

Most literature entries given in Arnold & De Wet (1993) have been retained. New and other relevant literature have been added. Most titles are given in full. Entries are chronologically arranged.

Floras are cited by the following abbreviations:

<i>CFA</i>	<i>Conspectus florum angolensis</i>	<i>FTA</i>	<i>Flora of tropical Africa</i>
<i>FC</i>	<i>Flora capensis</i>	<i>FTEA</i>	<i>Flora of tropical East Africa</i>
<i>FSA</i>	<i>Flora of southern Africa</i>	<i>FWTA</i>	<i>Flora of West tropical Africa</i>
<i>FSWA</i>	<i>Prodromus einer Flora von Südwestafrika</i>	<i>FZ</i>	<i>Flora zambesiaca</i>

Examples of species information

Life cycle: Annual, biennial or perennial.

Life form: Bryophyte, climber, dwarf shrub, epiphyte, geophyte, graminoid, herb, hydrophyte, lithophyte, parasite, scrambler, shrub, succulent, suffrutex or tree.

Height of plant: Ht x–xx mm/m, up to xx mm/m or ± xx mm/m.

Altitude where plants occur, if known: Alt xx–xxxx m, up to xxxx m or ± xxxx m.

Distribution: Countries and RSA provinces abbreviated and given in the following order (see Map): N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC. Where current distribution records are unknown because of old herbarium collections with incomplete information, abbreviations of old province are given, for example Cape Province ('CP') and Transvaal ('TV' or 'Tvl'), or South Africa ('SA') and Republic of South Africa ('RSA').

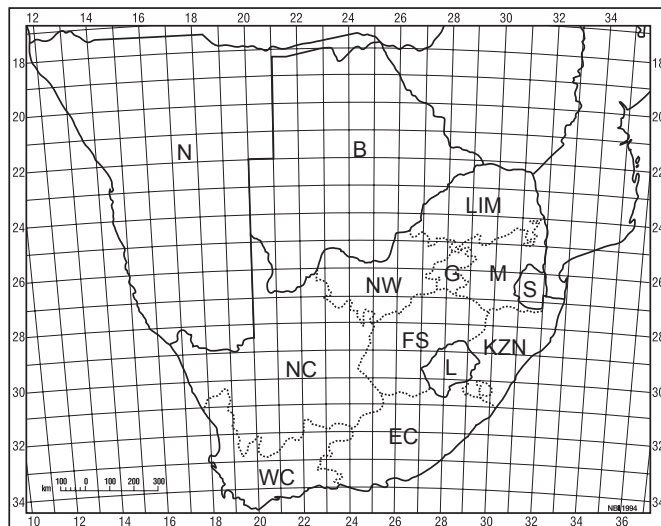
Index

The Index guides the reader to the main entries of genera and families.

Authorship

Most compilers of this work are staff of one of the three herbaria of the National Botanical Institute, namely the Compton Herbarium, National Herbarium and Natal Herbarium. The following persons from outside the Institute contributed: Dr Peter Bruyns of the Bolus Herbarium, University of Cape Town; Mr Ingo Breuer, Germany; Prof.

Christopher Cook formerly of the Botanical Garden and Institute for Systematic Botany, University of Zürich; Mr Tony Dold, of the Selmar Schonland Herbarium, Rhodes University; Mr Neil J. Griffin of the International Ocean Institute of Southern Africa, University of the Western Cape; Dr Leanne Dreyer of the Botany Department, University of Stellenbosch; Dr Peter Goldblatt of the Missouri Botanical Garden, St Louis; Dr Cornelia Klak of the Bolus Herbarium, University of Cape Town; Eric B. Knox of the Depart-



MAP.—Countries and current RSA provinces referred to in this work: Namibia (N), Botswana (B), Limpopo Province (LIM), North-West Province (NW), Gauteng Province (G), Mpumalanga Province (M), Swaziland (S), Free State Province (FS), KwaZulu-Natal Province (KZN), Lesotho (L), Northern Cape Province (NC), Western Cape Province (WC), Eastern Cape Province (EC).

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Editors' acknowledgements

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G. Germishuizen & N.L. Meyer

Pretoria, September 2003

Definitions of life forms

To assist the reader, we include the following definitions of a selection of some lesser known life form terms (mostly R. Glen, pers. comm.):

Carnivore: a plant that can utilise proteins and minerals obtained from trapped animals, mostly insects.

Cyperoid: a term used for members of the Cyperaceae family.

Epiphytate: a plant with leaves and/or stems floating on the surface of the water but not rising above the water, roots penetrating the substrate.

Epiphyte: a plant that grows on another plant but without deriving nourishment from it and not parasitic, as some ferns and orchids growing on trees.

Geophyte: a perennial plant, usually herbaceous, with renewal buds located on the plant below the soil surface, as on bulbs or rhizomes.

Graminoid: a term used for members of the grass family, Poaceae.

Haptophyte: a plant that is attached to but not penetrating a solid substrate.

Helophyte: a plant typical of marshy or lake-edge environments, in which the perennating organ lies in soil or mud below the water level, but the aerial shoots protrude above the water.

Hydrophyte: a plant that is morphologically and/or physiologically adapted to grow in water or very wet environments.

Hyperhydrate: an emergent plant, with leaves and/or stems emerging well beyond the water surface, roots penetrating the substrate.

Lignotuber: a woody swelling below or just above the ground, containing adventitious buds from which new shoots develop if the top is cut or burnt.

Lithophyte: a plant that grows on rocks.

Mallee: any of several low, shrubby eucalyptus trees that flourish in desert regions of Australia.

Parasite: a plant living on another plant and deriving nourishment from it.

Plankton: plants that are completely submerged, not attached to any substrate.

Pleustophyte: a plant that is free-floating on the water surface, not attached to or penetrating the substrate, with some photosynthetic parts in contact with air.

Restioid: a term used for members of the Restionaceae family.

Rheophyte: a flood-resistant plant that is confined to the beds of swift-flowing streams or rivers and to adjacent floodplains.

Rosulate: with leaves borne in a rosette.

Sudd hydrophyte: an aquatic plant that grows rooted in sudd (an impenetrable mass of floating vegetable matter).

Tenagophyte: an amphibious plant, the juvenile submerged or floating on water and the adult (reproductive) phase terrestrial.

Vittate: pertaining to submerged plants, rooted in substrate, leaves arranged along elongated stem.

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- GIBBS RUSSELL, G.E., WELMAN, W.G., RETIEF, E., IMMELMAN, K.L., GERMISHUIZEN, G., PIENAAR, B.J., VAN WYK, M. & NICHOLAS, A. 1987. List of species of southern African plants, edn 2, Part 2. Dicotyledons. *Memoirs of the Botanical Survey of South Africa* No. 56. Botanical Research Institute, Pretoria.



BRYOPHYTA

AMBLYSTEGIACEAE

Compiled by J. van Rooy

CAMPYLIADDELPHUS (Schimp.) 9774100 R.S.Chopra

- (1) Hedenäs. 1997. *The Bryologist* 100: 77, 78.
- (2) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 148.
- (3) Vanderpoorten *et al.* 2002. *Taxon* 51: 115–122.

chrysophyllus (Brid.) R.S.Chopra
Perennial. Bryophyte. Length? Alt ± 3200 m. L

polygamus (Schimp.) Kanda = **Drepanocladus polygamus**

CRATONEURON (Sull.) Spruce 9774200

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 42.
- (2) Ochyra. 1994. *Fragmenta Floristica et Geobotanica* 39: 137–146.
- (3) Vanderpoorten *et al.* 2002. *Taxon* 51: 115–122.

filicinum (Hedw.) Spruce
Perennial. Bryophyte, hydrophyte. Length up to 100 mm. Alt ± 2125 m. KZN

DREPANOCLADUS (Müll.Hal.) 9774300 G.Roth

- (1) Ochyra & Pócs. 1992. *Fragmenta Floristica et Geobotanica* 37: 379–388.
- (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 42.
- (3) O'Shea. 1995. *Tropical Bryology* 10: 120.
- (4) Hedenäs. 1997. *The Bryologist* 100: 81, 82.
- (5) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 149.
- (6) Vanderpoorten *et al.* 2002. *Taxon* 51: 115–122.

hallii Broth. & Dixon
Perennial. Bryophyte, hydrophyte. Length up to 100 mm. Alt? WC

polygamus (Schimp.) Hedenäs
Campyliadelphus polygamus (Schimp.) Kanda (4)
Perennial. Bryophyte, hydrophyte. Length up to 100 mm. Alt? KZN

revolvens (Sw.) Warnst.
Perennial. Bryophyte, hydrophyte. Length? Alt 2700–3050 m. L

sparsus Müll.Hal.
Perennial. Bryophyte, hydrophyte. Length up to 100 mm. Alt? FS, KZN, L, EC

HYGROAMBLYSTEGIUM Loeske 9774400

- (1) Sim. 1926. *The bryophyta of South Africa*: 413.
 - (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 42.
 - (3) Vanderpoorten *et al.* 2002. *Taxon* 51: 115–122.
- Note: taxonomic position uncertain (3)

caudicaule (Müll.Hal.) Broth.
Perennial. Bryophyte, hydrophyte. Length 100–150 mm. Alt 61–2700 m. KZN, WC

LEPTODICTYUM (Schimp.) 9774500 Warnst.

- (1) Sim. 1926. *The bryophyta of South Africa*: 414.
- (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 42.
- (3) Vanderpoorten *et al.* 2002. *Taxon* 51: 115–122.

riparium (Hedw.) Warnst.
Perennial. Bryophyte, hydrophyte. Length 25–50 mm. Alt 15–2100 m. B, M, FS, KZN

SANIONIA Loeske 9774700

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 43.
 - (2) Vanderpoorten *et al.* 2002. *Taxon* 51: 115–122.
- Note: taxonomic position uncertain (2)

uncinata (Hedw.) Loeske
Perennial. Bryophyte, hydrophyte. Length up to 200 mm. Alt? FS

VITTIA Ochyra 9774900

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 43.
 - (2) Vanderpoorten *et al.* 2002. *Taxon* 51: 115–122.
- Note: taxonomic position uncertain (2)

pachyloma (Mont.) Ochyra
Perennial. Bryophyte, hydrophyte. Length up to 100 mm. Alt 914–1300 m. LIM, KZN, EC

ANDREAEACEAE

Compiled by J. van Rooy

ANDREAEA Hedw. 9734800

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 33–37.
- (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 17.
- (3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 133–155.

acutifolia Hook.f. & Wilson
Perennial. Bryophyte. Ht? Alt 2900–3200 m. KZN, L

alpina Hedw.
Perennial. Bryophyte. Ht? Alt ± 2900 m. KZN, L

bistratosa Magill
Perennial. Bryophyte. Ht 5–20 mm. Alt ± 1375–1525 m.

WC

nitida Hook.f. & Wilson
Perennial. Bryophyte. Ht 20–120 mm. Alt ± 1525–1675 m. WC

rupestris Hedw.
Perennial. Bryophyte. Ht 5–20 mm. Alt 1525–3240 m. FS, KZN, L, WC, EC

subulata Harv.
Perennial. Bryophyte. Ht 10–20 mm. Alt ± 925–1825 m. WC

ANOMODONTACEAE

Compiled by J. van Rooy

ANOMODON Hook. & Taylor 9762200(1) Granzow-de la Cerda. 1997. *Contributions of the University of Michigan Herbarium* 21: 243–245.**pseudotristic** (Müll.Hal.) Kindb.*Haplohymenium pseudotristic* (Müll.Hal.) Broth. (1)

Perennial. Bryophyte. Length 5–15 mm. Alt 20–1700 m. G, M, S, KZN, WC, EC

HAPLOHYMENIUM Schwägr. 9772700*pseudotristic* (Müll.Hal.) Broth. = **Anomodon pseudotristic****HERPETINEURON** (Müll.Hal.) 9772740
Cardot(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 42.(2) Granzow-de la Cerda. 1997. *Contributions of the University of Michigan Herbarium* 21: 262–264.**toccoae** (Sull. & Lesq.) Cardot

Perennial. Bryophyte. Length 20–40 mm. Alt 914–1300 m. M, KZN

ARCHIDIACEAE

Compiled by J. van Rooy

ARCHIDIUM Brid. 9736100(1) Magill. 1981. *FSA Bryophyta* 1,1: 71–81.(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 19.**acanthophyllum** Snider

Perennial. Bryophyte. Ht 3–8 mm. Alt 354–1075 m. LIM, G, M, S, KZN

amplexicaule Müll.Hal.

Perennial. Bryophyte. Ht 2–10 mm. Alt? WC

andersonianum Snider

Perennial. Bryophyte Ht 2–6 mm. Alt? WC

capense Hornsch.

Perennial. Bryophyte. Ht 1–4 mm. Alt 600–3200 m. FS, L, WC

dinteri (Irmsch.) Snider

Perennial. Bryophyte. Ht up to 10 mm. Alt? N

julicaule Müll.Hal.

Perennial. Bryophyte. Ht 2–7 mm. Alt up to 2860 m. L, WC

microthecium Dixon & P.de la Varde

Perennial. Bryophyte. Ht 1–5 mm. Alt 420–1500 m. N, LIM, KZN

muellerianum Snider

Perennial. Bryophyte. Ht 3–5 mm. Alt? WC

ohioense Schimp. ex Müll.Hal.

Perennial. Bryophyte. Ht 2–15 mm. Alt up to 2860 m. N, LIM, G, M, S, FS, KZN, L, WC, EC

rehmannii Mitt.

Perennial. Bryophyte. Ht 2–10 mm. Alt ± 750 m. WC

subulatum Müll.Hal.

Perennial. Bryophyte. Ht 4–15 mm. Alt? WC

BARTRAMIACEAE

Compiled by J. van Rooy

ANACOLIA Schimp. 9754900(1) Magill. 1987. *FSA Bryophyta* 1,2: 410–412.(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 34, 35.**breutelii** (Schimp. ex Müll.Hal.) Magill var. **breutelii**

Perennial. Bryophyte. Ht 10–30 mm. Alt up to 2900 m. FS, KZN, L, NC, WC, EC

breutelii (Schimp. ex Müll.Hal.) Magill var. **squarrifolia** (Sim) Magill

Perennial. Bryophyte. Ht 10–30 mm. Alt ± 900–2400 m. KZN, L, WC

BARTRAMIA Hedw. 9755000(1) Magill. 1987. *FSA Bryophyta* 1,2: 412–418.(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 33, 34.**aristaria** Müll.Hal.

Perennial. Bryophyte. Ht 5–10 mm. Alt 50–1700 m. M, KZN, WC

capensis (R.Br.) Wijk & Margad.

Perennial. Bryophyte. Ht 5–8 mm. Alt 50–1225 m. KZN, WC, EC

compacta Hornsch. var. **compacta**

Perennial. Bryophyte. Ht 5–15 mm. Alt 30–1200 m. NC, WC, EC

compacta Hornsch. var. **macowaniana** (Müll.Hal.)
Magill

Perennial. Bryophyte. Ht up to 5 mm. Alt? EC
hampeana Müll.Hal.
 Perennial. Bryophyte. Ht 3–60 mm. Alt 50–3270 m.
 LIM, M, FS, KZN, L, NC, WC, EC

BARTRAMIDULA Bruch & Schimp. 9755100

comosa Broth. = **Philonotis comosa**
globosa (Müll.Hal.) Broth. = **Philonotis globosa**
globosa (Müll.Hal.) Broth. var. *tenuicaulis* (Müll.Hal.)
 Sim = **Philonotis globosa**

BREUTELIA (Bruch & Schimp.) 9755200
 Schimp.

- (1) Magill. 1987. *FSA Bryophyta* 1,2: 432–438.
- (2) Griffin. 1992. *Tropical Bryology* 5: 55–59.
- (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 34.

angustifolia Rehmann ex Sim = **B. microdonta**

diffRACTA Mitt.

Perennial. Bryophyte. Ht 50–200 mm. Alt ± 900–2900 m. LIM, M, KZN, EC

ELLIPTICA Magill

Perennial. Bryophyte. Ht 30–50 mm. Alt? WC

MICRODONTA (Mitt.) Broth.

B. angustifolia Rehmann ex Sim (2)

Perennial. Bryophyte. Ht 10–50 mm. Alt 750–2125 m.
 NW, G, M, FS, KZN, WC, EC

SUBSTRICATA (Schimp.) Magill

Perennial. Bryophyte. Ht 20–50 mm. Alt 625–2860 m.
 FS, KZN, L, NC, WC, EC

TABULARIS Dixon

Perennial. Bryophyte. Ht 80–20 mm. Alt 900–1200 m.
 WC

CONOSTOMUM Sw. 9755300

- (1) Magill. 1987. *FSA Bryophyta* 1,2: 418–420.
- (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 35.
- (3) Virtanen. 1999. *Acta Botanica Fennica* 165: 3.

PENTASTICHUM (Brid.) Lindb.

Perennial. Bryophyte. Ht 5–15 mm. Alt 2860–3200 m.
 KZN, L

PHILONOTIS Brid. 9755400

- (1) Magill. 1987. *FSA Bryophyta* 1,2: 424–432.
- (2) Griffin & Buck. 1989. *The Bryologist* 92: 368–380.
- (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 34.

afRICANA (Müll.Hal.) Rehmann ex Paris

Perennial. Bryophyte. Ht 20–50 mm. Alt 150–2125 m.
 LIM, NW, G, M, S, KZN, WC, EC

COMOSA (Broth.) D.G.Griffin & W.R.Buck

Bartramidula comosa Broth. (2)

Perennial. Bryophyte. Ht up to 5 mm. Alt ± 450–925 m. WC

DREGEANA (Müll.Hal.) A.Jaeger

Perennial. Bryophyte. Ht 5–50 mm. Alt up to 2450 m.
 N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

FALCATA (Hook.) Mitt.

Perennial. Bryophyte. Ht 20–80 mm. Alt 70–3200 m.
 N, B, LIM, NW, G, M, FS, KZN, L, WC, EC

GLOBOSA (Müll.Hal.) D.G.Griffin & W.R.Buck

Bartramidula globosa (Müll.Hal.) Broth. (2)

Bartramidula globosa (Müll.Hal.) Broth. var. *tenuicaulis* (Müll.Hal.) Sim (2)

Perennial. Bryophyte. Ht 2–10 mm. Alt 1950–3200 m.
 LIM, NW, FS, KZN, L, WC, EC

HASTATA (Duby) Wijk & Margad.

Perennial. Bryophyte. Ht 10–30 mm. Alt up to 2750 m.
 B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

SCABRIFOLIA (Hook.f. & Wilson) Braithw.

Perennial. Bryophyte. Ht 10–40 mm. Alt 400–3240 m.
 KZN, L, NC, WC

VAGANS (Hook. & Wilson) Mitt.

Perennial. Bryophyte. Ht 20–50 mm. Alt? WC

PLAGIOPUS Brid. 9755500

- (1) Magill. 1987. *FSA Bryophyta* 1,2: 409, 410.
- (2) Crosby *et al.* 1992. *Monographs in Systematic Botany from the Missouri Botanical Garden* 42: 436.
- (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 35.

OEDERIANUS (Sw.) H.A.Crum & L.E.Anderson

Perennial. Bryophyte. Ht 20–30 mm. Alt 2125–2900 m. KZN, L

QUATHLAMBA Magill 9755600

- (1) Magill. 1987. *FSA Bryophyta* 1,2: 421.
- (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 35.

DEBILICOSTATA Magill

Perennial. Bryophyte. Ht 5–15 mm. Alt ± 2800–2900 m. KZN, L

BRACHYTHECIACEAE

Compiled by J. van Rooy

BRACHYTHECIUM Schimp. 9775400

- (1) Sim. 1926. *The bryophyta of South Africa*: 368–371.
- (2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.
- (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 43.

IMPLICATUM (Hornsch. ex Müll.Hal.) A.Jaeger

Perennial. Bryophyte, occ. epiphyte. Length 25–75 mm.
 Alt 15–2400 m. LIM, NW, G, M, FS, KZN, L,

WC, EC

PINNATUM Dixon

Perennial. Bryophyte. Length 40–60 mm. Alt? WC

PLUMOSUM (Hedw.) Schimp.

Perennial. Bryophyte. Length? Alt 300–2100 m. M, KZN, L, WC

POPULEUM (Hedw.) Schimp.

Perennial. Bryophyte. Length? Alt? EC

pseudopopuleum (Schimp. ex Müll.Hal.) Schimp.
Perennial. Bryophyte. Length? Alt? WC

pseudovelutinum (Hampe ex Müll.Hal.) A.Jaeger
Perennial. Bryophyte. Length? Alt? WC

salebrosum (Hoffm. ex F.Weber & D.Mohr) Schimp.
Perennial. Bryophyte. Length 25–50 mm. Alt 60–1600 m.
LIM, S, KZN, WC, EC

subrutabulum (Müll.Hal.) A.Jaeger
Perennial. Bryophyte. Length 25–75 mm. Alt 900–2400
m. LIM, FS, KZN, L, EC

HOMALOTHECIUM Schimp. 9775500
afrostriatum (Müll.Hal.) Ochyra = **Palamocladium leskeoides**

KINDBERGIA Ochyra 9775550
(1) Ochyra. 1982. *Lindbergia* 8: 53, 54.
(2) Arts. 1998. *Journal of Bryology* 20: 435–438.

praelonga (Hedw.) Ochyra
Perennial. Bryophyte. Length up to 50 mm. Alt ± 300 m.
WC

OXYRRHYNCHIUM (Schimp.) 9775600
Warnst.

- (1) Sim. 1926. *The bryophyta of South Africa*: 371–373.
(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 43.

confervoidum Sim
Perennial. Bryophyte. Length up to 50 mm. Alt ± 610 m.
KZN, WC

subasperum Sim
Perennial. Bryophyte, occ. epiphyte. Length 50–100 mm.
Alt 900–1300 m. LIM, G, M, KZN, WC, EC

PALAMOCLADIUM Müll.Hal. 9775700
(1) Buck. 1993. *Tropical Bryology* 8: 199–217.
(2) Hofmann. 1997. *Lindbergia* 22: 3–20.

leskeoides (Hook.) E.Britton
Homalothecium afrostriatum (Müll.Hal.) Ochyra (2)
P. sericeum (A.Jaeger) Müll.Hal. (2)
P. sericeum (A.Jaeger) Müll.Hal. var. *afrostriatum* Müll.Hal. (2)
Perennial. Bryophyte, epiphyte. Length up to 100 mm.
Alt 150–2100 m. LIM, M, S, KZN, L, WC, EC

sericeum (A.Jaeger) Müll.Hal. = **P. leskeoides**
sericeum (A.Jaeger) Müll.Hal. var. *afrostriatum* Müll.Hal.
= **P. leskeoides**

PLATYHYPNIDIUM M.Fleisch. 9774600
(1) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.

(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 43.

(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 111.

mac-owanianum (Paris) M.Fleisch.
Perennial. Bryophyte, hydrophyte. Length up to 200 mm.
Alt? M

PSEUDOSCLEROPODIUM 9775850
(Limpr.) M.Fleisch

(1) Arts. 1998. *Journal of Bryology* 20: 441.

(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 111.

purum (Hedw.) M.Fleisch.
Perennial. Bryophyte. Length up to 150 mm. Alt ± 550 m.
WC

RHYNCHOSTEGIELLA (Schimp.) 9775900
Limpr.

(1) Sim. 1926. *The bryophyta of South Africa*: 375–377.

(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.

(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 43.

(4) Arts. 1998. *Journal of Bryology* 20: 441.

holstii (Broth.) Broth.
Perennial. Bryophyte. Length up to 20 mm. Alt? EC

litorea (De Not.) Limpr.
Perennial. Bryophyte. Length up to 20 mm. Alt 50–210 m.
WC, EC

sublaevipes Broth. & Bryhn
Perennial. Bryophyte, epiphyte. Length up to 50 mm.
Alt ± 600 m. KZN

zeyheri (Spreng. ex Müll.Hal.) Broth.
Perennial. Bryophyte, epiphyte. Length up to 50 mm.
Alt up to 1800 m. G, M, KZN, WC, EC

RHYNCHOSTEGIUM Bruch & 9776000
Schimp.

(1) Sim. 1926. *The bryophyta of South Africa*: 373–375.

(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.

(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 43.

brachypterum (Hornsch.) A.Jaeger
Perennial. Bryophyte, epiphyte. Length 25–50 mm. Alt
40–2400 m. LIM, G, M, KZN, L, WC, EC

raphidorrhynchum (Müll.Hal.) A.Jaeger
Perennial. Bryophyte. Length 25–65 mm. Alt 100–1700
m. LIM, G, M, KZN, WC, EC

subbrachypterum Broth. & Bryhn
Perennial. Bryophyte, epiphyte. Length up to 50 mm. Alt
± 600 m. KZN, EC

BRUCHIACEAE

Compiled by J. van Rooy

BRUCHIA Schwägr. 9738700
(1) Magill. 1981. *FSA Bryophyta* 1,1: 106–110.

(2) Rushing. 1986. *Journal of the Hattori Botanical Laboratory* 60: 35–83.

(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 20, 21.

(4) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 100.

brevipes Harv. ex Hook.

Annual. Bryophyte. Ht up to 3 mm. Alt 50–700 m. WC

eckloniana Müll.Hal.

Annual. Bryophyte. Ht up to 1 mm. Alt? WC

foveolata Magill = **B. queenslandica****queenslandica** I.G.Stone*B. foveolata* Magill (2)

Annual. Bryophyte. Ht up to 1 mm. Alt ± 1500 m. N

CLADOPHASCUM Dixon 9739000(1) Magill. 1981. *FSA Bryophyta* 1,1: 110, 111.(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 22.(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 100.**gymnomitrioides** (Dixon) Dixon*Aongstroemia gymnomitrioides* Dixon (1)

Perennial. Bryophyte. Ht up to 10 mm. Alt ± 1000–1800 m. N, LIM, G, M, FS, L, NC, WC, EC

TREMATODON Michx. 9740300(1) Magill. 1981. *FSA Bryophyta* 1,1: 111–117.(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 23.(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 100.**divaricatus** Bruch

Perennial. Bryophyte. Ht 3–4 mm. Alt up to 800 m. LIM, KZN, EC

intermedius Welw. & Duby

Perennial. Bryophyte. Ht 1–2 mm. Alt 600–2125 m. N, LIM, M, S, FS, KZN, WC

longicollis Michx.

Perennial. Bryophyte. Ht 1–7 mm. Alt ± 750–1500 m. LIM, NW, G, FS, KZN, WC

mayottensis Besch.

Perennial. Bryophyte. Ht 1–3 mm. Alt up to 1500 m. FS, KZN

paradoxus Hornsch.

Perennial. Bryophyte. Ht 1–2 mm. Alt ± 1375–2900 m. M, FS, KZN, WC, EC

pillansii Dixon

Perennial. Bryophyte. Ht up to 1 mm. Alt up to 1225 m. WC

**BRYACEAE**

Compiled by J. van Rooy

ANOMOBRYUM Schimp. 9750000(1) Kis. 1985. *Mosses of South-east Africa*: 137.(2) Magill. 1987. *FSA Bryophyta* 1,2: 357–360.(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 30.(4) O'Shea. 1995. *Tropical Bryology* 10: 98.**drakensbergense** Van Rooy

Perennial. Bryophyte. Ht up to 20 mm. Alt 2100–3050 m. FS, KZN, L

filiforme (Dicks.) Husn., illegitimate name = **A. julaceum****julaceum** (Schr. ex P.Gaertn., B.Mey. & Scherb.) Schimp.*A. filiforme* (Dicks.) Husn., illegitimate name (1, 4)

Perennial. Bryophyte. Ht up to 37 mm. Alt 750–2750 m. LIM, G, M, FS, KZN, L, EC

BRACHYMENIUM Schwägr. 9750100(1) Ochi. 1985. *Journal of the Faculty of Education, Tottori University* 34: 43–48.(2) Magill. 1987. *FSA Bryophyta* 1,2: 341–348.(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 30, 31.(4) Arts. 1998. *Journal of Bryology* 20: 431, 432.**acuminatum** Harv.

Perennial. Bryophyte. Ht 2–10 mm. Alt 30–3000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

angolense (Welw. & Duby) A.Jaeger = **B. systylium****chilense** Ochi & Mahu

Perennial. Bryophyte. Ht up to 10 mm. Alt ± 410–630 m. WC

dicranoides (Hornsch.) A.Jaeger

Perennial. Bryophyte. Ht 2–7 mm. Alt up to 300 m. WC

leptophyllum (Bruch & Schimp. ex Müll.Hal.) Bruch & Schimp. ex A.Jaeger

Perennial. Bryophyte, epiphyte. Ht 2–5 mm. Alt ± 750–1075 m. M, KZN

nepalense Hook.

Perennial. Bryophyte, epiphyte. Ht 5–10 mm. Alt ± 1225–1950 m. LIM, M, S, KZN

pulchrum Hook.

Perennial. Bryophyte, epiphyte. Ht 5–35 mm. Alt 200–2450 m. LIM, M, S, KZN, WC, EC

systylium (Müll.Hal.) A.Jaeger*B. angolense* (Welw. & Duby) A.Jaeger (1)

Perennial. Bryophyte, epiphyte. Ht 2–10 mm. Alt 950–2125 m. N, LIM, M, KZN

BRYUM Hedw. 9750200(1) Ochi. 1972. *Journal of the Faculty of Education, Tottori University* 23: 41–106.(2) Ochi. 1980. *Journal of the Faculty of Education, Tottori University* 29: 107–154.(3) Magill. 1987. *FSA Bryophyta* 1,2: 361–388.(4) Ochyra. 1989. *Journal of Bryology* 15: 551–553.(5) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 31, 32.(6) O'Shea. 1995. *Tropical Bryology* 10: 104–107.(7) Van Rooy. 1997. *Journal of Bryology* 19: 830–832.(8) Arts. 1998. *Journal of Bryology* 20: 432–434.**alpinum** Huds. ex With.

Perennial. Bryophyte. Ht 5–55 mm. Alt 20–3350 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC

andicola Hook.

Perennial. Bryophyte, occ. epiphyte. Ht 3–30 mm. Alt 50–1900 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

apiculatum Schwägr.

Perennial. Bryophyte, hydrophyte. Ht 5–35 mm. Alt 100–1750 m. N, NW, G, M, FS, KZN, NC, WC, EC

argenteum Hedw.

Perennial. Bryophyte. Ht 1–25 mm. Alt up to 3000 m.
N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC,
EC

aubertii (Schwägr.) Brid.

Perennial. Bryophyte, occ. epiphyte. Ht 5–60 mm. Alt
40–2125 m. LIM, NW, G, FS, KZN, L, WC, EC

bicolor Dicks. = **B. dichotomum****caespiticium** Hedw.

Perennial. Bryophyte. Ht 5–15 mm. Alt 2500–3200 m.
KZN, L, EC

canariense Brid.

B. condensatum Hampe (1)

Perennial. Bryophyte. Ht 3–22 mm. Alt up to 1800 m.
LIM, M, S, FS, KZN, L, NC, WC, EC

capillare Hedw.

Perennial. Bryophyte. Ht 1–15 mm. Alt 100–1800 m.
N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

cellulare Hook.

Perennial. Bryophyte, hydrophyte. Ht 3–20 mm. Alt 600–
2775 m. N, LIM, NW, G, M, S, FS, KZN, L

condensatum Hampe = **B. canariense****dichotomum** Hedw.

B. bicolor Dicks. (2)

Perennial. Bryophyte. Ht 3–15 mm. Alt 20–1900 m. N,
B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

donianum Grev.

Perennial. Bryophyte. Ht 5–15 mm. Alt? WC

erythrocaulon (Schwägr.) Brid.

Perennial. Bryophyte. Ht up to 20 mm. Alt ± 900 m.
LIM, KZN, WC, EC

laxogemmaceum Müll.Hal. = **B. subapiculatum***micro-erythrocarpum* Müll.Hal. & Kindb. = **B. subapiculatum****pseudotriquetrum** (Hedw.) P.Gaertn., B.Mey. & Scherb.

Perennial. Bryophyte. Ht 3–42 mm. Alt up to 3200 m.
LIM, NW, G, M, FS, KZN, L, WC, EC

pyncophyllum (Dixon) Mohamed

Perennial. Bryophyte, occ. epiphyte. Ht 5–45 mm. Alt
± 15–2450 m. LIM, NW, G, M, S, FS, KZN, L,
NC, WC, EC

radiculosum Brid.

Perennial. Bryophyte. Ht 2–10 mm. Alt ± 30–1737 m. N,
NC, WC, EC

rubens Mitt.

Perennial. Bryophyte. Ht up to 10 mm. Alt 150–1300 m.

WC, EC

ruderae Crundw. & Nyholm

Perennial. Bryophyte. Ht up to 8 mm. Alt ± 200 m WC

subapiculatum Hampe

B. laxogemmaceum Müll.Hal. (1)

B. micro-erythrocarpum Müll.Hal. & Kindb. (2)

B. zuluense Broth. & Bryhn (1)

Perennial. Bryophyte. Ht 3–15 mm. Alt 600–1375 m.
NW, KZN, WC

torquescens Bruch ex De Not.

Perennial. Bryophyte, occ. epiphyte. Ht 1–20 mm. Alt up
to 2150 m. LIM, NW, FS, KZN, L, NC, WC, EC

turbinatum (Hedw.) Turner

Perennial. Bryophyte. Ht 4–45 mm. Alt ± 1500–2425 m.
FS, KZN, L, EC

viguieri Thér.

Perennial. Bryophyte. Ht up to 15 mm. Alt ± 1200 m. M

viridescens Welw. & Duby

Perennial. Bryophyte, occ. epiphyte. Ht 5–35 mm. Alt
300–2050 m. LIM, G, M, S, KZN, EC

zuluense Broth. & Bryhn = **B. subapiculatum****PLAGIOBRYUM** Lindb. 9750800

(1) Magill. 1987. *FSA Bryophyta* 1,2: 354, 355.

(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 32.

zierii (Dicks. ex Hedw.) Lindb.

Perennial. Bryophyte. Ht 4–10 mm. Alt 1525–3200 m.
KZN, L

RHODOBRYUM (Schimp.) Limpr. 9751000

(1) Magill. 1987. *FSA Bryophyta* 1,2: 388–393.

(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 32, 33.

commersonii (Schwägr.) Paris

Perennial. Bryophyte. Ht up to 50 mm. Alt up to 1800 m.
LIM, M, S, KZN, WC, EC

keniae (Müll.Hal.) Broth.

Perennial. Bryophyte. Ht 5–70 mm. Alt 240–1980 m.
LIM, M, S, KZN, EC

roseum (Hedw.) Limpr.

Perennial. Bryophyte. Ht 10–50 mm. Alt 1200–2300 m.
LIM, M, KZN, L, EC

umbraculum (Bruch ex Hook.) Schimp. ex Paris

Perennial. Bryophyte. Ht up to 40 mm. Alt 150–2125 m.
LIM, M, FS, KZN, WC, EC

BRYOBARTRAMIACEAE

Compiled by J. van Rooy

BRYOBARTRAMIA Sainsbury 9745900

(1) Magill. 1981. *FSA Bryophyta* 1,1: 269, 270.

(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 28.

novae-valesiae (Broth. ex G.Roth) I.G.Stone & G.A.M.Scott

Annual or perennial. Bryophyte. Ht up to 3 mm. Alt ±
350–540 m. NC, WC

CALYMPERACEAE

Compiled by J. van Rooy

CALYMPERES Sw. ex F. Weber 9740800

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 163–166.
- (2) Reese & Mohamed. 1985. *The Bryologist* 88: 98–109.
- (3) Ellis. 1988. *Journal of Bryology* 15: 233.
- (4) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 23.

levyanum Besch.

Perennial. Bryophyte, epiphyte. Ht 4–6 mm. Alt ± 200 m. EC

pallidum Mitt.

C. rabenhorstii Hampe & Müll.Hal. (3)

Perennial. Bryophyte, epiphyte. Ht 1–6 mm. Alt? M, KZN

rabenhorstii Hampe & Müll.Hal. = **C. pallidum**

tenerum Müll.Hal.

C. tenerum Müll.Hal. var. *edamense* M.Fleisch. (2)

Perennial. Bryophyte, epiphyte. Ht 1–2 mm. Alt ± 50–100 m. KZN

tenerum Müll.Hal. var. *edamense* M.Fleisch. = **C. tenerum**

OCTOBLEPHARUM Hedw. 9741000

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 161–163.
- (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 23.

albidum Hedw.

Perennial. Bryophyte, occ. epiphyte. Ht 2–4 mm. Alt ± 300–1500 m. LIM, G, M, S, KZN, EC

SYRRHOPODON Schwägr. 9741100

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 166–169.
- (2) Orban. 1981. *Acta Botanica Academiae Scientiarum Hungaricae* 27: 169–177.
- (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 23, 24.

asper Mitt.

S. gomesii P.de la Varde (2)

Perennial. Bryophyte, epiphyte. Ht 5–12 mm. Alt ± 920–1478 m. LIM, M

erectifolius Müll.Hal. = **S. gaudichaudii**

gaudichaudii Mont.

S. erectifolius Müll.Hal. (2)

S. obliquirostris Müll.Hal. (2)

S. uncinifolius Müll.Hal. (2)

Perennial. Bryophyte, epiphyte. Ht 5–10 mm. Alt 50–1970 m. LIM, M, S, FS, KZN, WC, EC

gomesii P.de la Varde = **S. asper**

obliquirostris Müll.Hal. = **S. gaudichaudii**

uncinifolius Müll.Hal. = **S. gaudichaudii**

CATAGONIACEAE

Compiled by J. van Rooy

CATAGONIUM Müll.Hal. ex Broth. 9777800

- (1) Lin. 1984. *Journal of the Taiwan Museum* 37: 1–54.
- (2) Van Rooy in Arnold & De Wet 1993. *Memoirs of the Botanical Survey of South Africa* No. 62: 39.
- (3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte Biology*: 114.

mucronatum (A.Jaeger) Broth. = **C. nitens** subsp. **maritimum**

nitens (Brid.) Cardot subsp. **maritimum** (Hook.) S.H.Lin

C. mucronatum (A.Jaeger) Broth. (1, 2)

Perennial. Bryophyte, occ. epiphyte. Length 50–150 mm. Alt up to 2200 m. LIM, M, S, KZN, WC, EC

nitens (Brid.) Cardot subsp. **nitens**

Perennial. Bryophyte, occ. epiphyte. Length 50–120 mm. Alt? S

CRYPHAEACEAE

Compiled by J. van Rooy

CRYPHAEA D.Mohr in F.Weber 9762000

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 38.
- (2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 550–552.
- (3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 115.
- (4) Rao. 2001. *Bryobrothera* 7: 46–53.

dentata Mitt. = **C. jamesonii**

exigua (Müll.Hal.) A.Jaeger = **C. jamesonii**

jamesonii Taylor

C. dentata Mitt. (4)

C. exigua (Müll.Hal.) A.Jaeger (4)

Perennial. Bryophyte, epiphyte. Length up to 60 mm.

Alt ± 400–1700 m. LIM, M, S, KZN, NC, WC, EC

rutenbergii Müll.Hal.

Perennial. Bryophyte, epiphyte. Length up to 60 mm. Alt ± 1200–1400 m. LIM

SCHOENOBRYUM Dozy & Molk. 9762050

(1) Arts. 1998. *Journal of Bryology* 20: 441, 442.

(2) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 115.

welwitschii (Duby) Manuel

Perennial. Bryophyte, epiphyte. Length up to 50 mm. Alt ± 120 m. WC

DALTONIACEAE

Compiled by J. van Rooy

CALYPTROCHAETA Desv. 9768200

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 40.
- (2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 601–604.
- (3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 107.

aspennioides (Brid.) Crosby

Perennial. Bryophyte. Length 10–30 mm. Alt ± 200–550 m. WC

DISTICHOPHYLLUM Dozy & Molck. 9768400

- (1) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 612–614.
- (2) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 107.

mniifolium (Hornsch.) Sim var. **mniifolium**

Perennial. Bryophyte, epiphyte. Ht 5–12 mm. Alt up to 150 m. WC, EC

mniifolium (Hornsch.) Sim var. **taylorii** (Sim) Magill

Perennial. Bryophyte, epiphyte. Ht 5–12 mm. Alt up to 150 m. WC

DICRANACEAE

Compiled by J. van Rooy

AMPHIDIUM Schimp. 9757900

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 35, 36.
- (2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 486–490.
- (3) Frahm *et al.* 2000. *Tropical Bryology* 18: 171–184.

lapponicum (Hedw.) Schimp.

Perennial. Bryophyte. Ht up to 38 mm. Alt 2600–3048 m. KZN, L

tortuosum (Hornsch.) Cufod.

Perennial. Bryophyte. Ht up to 28 mm. Alt ± 2000–3100 m. KZN, L, WC

ANISOTHECIUM Mitt., illegitimate name 9738400

symonsii (Dixon) Broth. = **Dicranella cardotii**

AONGSTROEMIA Bruch & Schimp. 9738500

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 118–120.
- (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 20.

filiformis (P.Beauv.) Wijk & Margad.

Perennial. Bryophyte. Ht 10–20 mm. Alt ± 750 m. M, KZN

gymnomitrioides Dixon = **Cladophascum gymnomitrioides****julacea** (Hook.) Mitt.

Perennial. Bryophyte. Ht 5–10 mm. Alt 500–3240 m. FS, KZN, L

AONGSTROEMIOPSIS M.Fleisch. 9738600

- (1) Magill. 1987. *Journal of Bryology* 14: 527–530.
- (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 23.

julacea (Dozy & Molck.) M.Fleisch.

Perennial. Bryophyte. Ht up to 10 mm. Alt ± 2860 m. L

ATRACTYLOCARPUS Mitt. 9738650

- (1) Padberg & Frahm. 1985. *Cryptogamie, Bryologie* 6: 315–341.
- (2) Arts. 1998. *Journal of Bryology* 20: 431.

- (3) Zijlstra. 1998. *Taxon* 47: 860.

- (4) Greuter *et al.* 2000. *Saint Louis Code*: 212.

madagascariensis (Thér.) Padberg & J.-P.Frahm

Metzleria madagascariensis (Thér.) J.-P.Frahm (3, 4)

Perennial. Bryophyte. Ht up to 8 mm. Alt ± 610 m. WC

CAMPYLOPUS Brid. 9738800

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 138–154.
- (2) Corley & Frahm. 1982. *Journal of Bryology* 12: 187–190.
- (3) Frahm. 1984. *Nova Hedwigia* 39: 585–621.
- (4) Vital. 1984. *Cryptogamie, Bryologie* 5: 15–26.
- (5) Frahm. 1985. *Bryophytorum Bibliotheca* 31: 1–216.
- (6) Frahm. 1987. *Bryologische Beitrage* 7: 1–117.
- (7) Frahm. 1994. *Nova Hedwigia* 59: 147–155.
- (8) Frahm. 1994. *Hikobia* 11: 371–376.
- (9) Arts. 1998. *Journal of Bryology* 20: 434.
- (10) Frahm. 1998. *Cryptogamie, Bryologie* 19: 27–34.

acuminatus Mitt. var. **kirkii** (Mitt.) J.-P.Frahm

Perennial. Bryophyte. Ht up to 50 mm. Alt 50–640 m. WC

altovirescens (Müll.Hal.) Paris = **C. robillardei****ampliretis** (Müll.Hal.) Paris = **C. flaccidus****angustinervis** Dixon = **C. perpusillus****atroluteus** (Müll.Hal.) Paris = **C. bicolor** subsp. **atroluteus****aureonitens** (Müll.Hal.) A.Jaeger

C. lonchocladus Müll.Hal. (5, 6)

C. purpureo-aureus (Müll.Hal.) Paris (6)

C. symonsii Sim (5, 6)

Perennial. Bryophyte. Ht up to 70 mm. Alt 1800–3000 m. M, S, FS, KZN, WC, EC

bartramiaceus (Müll.Hal.) Thér., illegitimate name = **C. introflexus****basalticolus** (Müll.Hal.) Paris = **Sphaerothecium subchlorophyllosum****bequaertii** Thér. & Naveau = **C. savannarum****bewsii** Sim = **C. pilifer****bicolor** (Hornsch ex Müll.Hal.) Wilson subsp. **atroluteus** (Müll.Hal.) J.-P.Frahm

C. atroluteus (Müll.Hal.) Paris (6)

- Perennial. Bryophyte. Ht up to 30 mm. Alt ± 15–3240 m.
L, WC
- bryhnii* Broth. = **C. nanophyllus**
- cambouei** Renauld & Cardot
Perennial. Bryophyte. Ht up to 30 mm. Alt 200–1900 m.
M, WC
- capensis* Broth. = **C. thwaitesii**
- catarractilis** (Müll.Hal.) Paris
C. pulvinatus (Müll.Hal.) Paris, illegitimate name (6)
Perennial. Bryophyte. Ht up to 40 mm. Alt ?–1400 m.
LIM, NW, L, WC
- chlorotrichus* (Müll.Hal.) Paris = **C. thwaitesii**
- controversus* (Hampe) A. Jaeger = **C. thwaitesii**
- decaryi** Thér.
Perennial. Bryophyte. Ht up to 10 mm. Alt ?–1450 m.
G, WC
- delagoae* (Müll.Hal.) Paris = **C. savannarum**
- echinatus* Rehmann ex Sim, illegitimate name = **C. introflexus**
- edwardsii* Sim = **C. flaccidus**
- flaccidus** Renauld & Cardot
C. ampliretis (Müll.Hal.) Paris (6)
C. edwardsii Sim (6)
C. heteroneurum Thér. (6)
C. olivaceonigricans (Müll.Hal.) Paris (6)
Thysanomitrium transvaaliense Herzog & Dixon (6)
Perennial. Bryophyte. Ht up to 70 mm. Alt 500–2450 m.
LIM, NW, G, M, KZN, WC, EC
- fragilis** (Brid.) Bruch & Schimp.
Perennial. Bryophyte. Ht up to 30 mm. Alt ± 1700 m.
LIM, M
- griseolus* (Müll.Hal.) Paris = **C. pilifer**
- hensii** Renauld & Cardot
Perennial. Bryophyte. Ht up to 15 mm. Alt ± 1200 m. KZN
- heteroneurum* Thér. = **C. flaccidus**
- hildebrandtii** (Müll.Hal.) A. Jaeger
C. nanotenax (Müll.Hal.) Paris (6)
Perennial. Bryophyte. Ht up to 40 mm. Alt? KZN, WC
- inandae* (Rehmann ex Müll.Hal.) Paris = **C. savannarum**
- inchangae* (Rehmann ex Müll.Hal.) Paris = **C. robillardei**
- inerangae* (Müll.Hal.) Paris, illegitimate name = **C. robillardei**
- introflexus** (Hedw.) Brid.
C. bartramiaceus (Müll.Hal.) Thér., illegitimate name (6)
C. echinatus Rehmann ex Sim, illegitimate name (6)
C. lepidophyllus (Müll.Hal.) A. Jaeger (1, 6)
Perennial. Bryophyte. Ht up to 30 mm. Alt ± 20–3260 m.
N, B, LIM, NW, G, M, FS, KZN, L, WC, EC
- jamesonii** (Hook.) A. Jaeger
C. procerus (Müll.Hal.) Paris (6)
Perennial. Bryophyte. Ht up to 100 mm. Alt 1290–2050 m.
LIM, M
- julaceus** A. Jaeger subsp. **arbogastii** (Renauld & Cardot)
J.-P. Frahm
C. simii Schelpe (6)
Perennial. Bryophyte. Ht up to 50 mm. Alt ?–1600 m. FS
- lepidophyllus* (Müll.Hal.) A. Jaeger = **C. introflexus**
- leptotrichaceus* (Müll.Hal.) Paris = **C. pyriformis**
- leucobasis* Paris = **C. pilifer**
- lonchocladus* Müll.Hal. = **C. aureonitens**
- longescens* (Müll.Hal.) Paris = **C. robillardei**
- nanophyllus** Müll.Hal. ex Broth.
C. bryhnii Broth. (6)
Perennial. Bryophyte. Ht up to 30 mm. Alt ?–1300 m.
M, KZN, WC
- nanotenax* (Müll.Hal.) Paris = **C. hildebrandtii**
- nivalis** (Brid.) Brid.
Perennial. Bryophyte. Ht up to 80 mm. Alt ?–2900 m.
KZN, L
- olivaceonigricans* (Müll.Hal.) Paris = **C. flaccidus**
- pallidus* Hook. & Wilson = **C. pyriformis**
- perpusillus** Mitt.
C. angustinervis Dixon (6)
Microcampylopus perpusillus (Mitt.) Broth. (4)
Perennial. Bryophyte. Ht 3–6 mm. Alt ?–2000 m. B,
LIM, M, KZN
- pilifer** Brid.
C. bewsii Sim (1, 6)
C. griseolus (Müll.Hal.) Paris (1, 6)
C. leucobasis Paris (5, 6)
C. polytrichoides De Not. (1, 6)
C. purpurascens Lorentz (1, 6)
C. trichodes Lorentz (1, 6)
C. trichodes Lorentz var. *perlamellosus* Dixon (1)
C. weistopsis (Müll.Hal.) Paris (6)
Perennial. Bryophyte. Ht 5–40 mm. Alt up to 3000 m.
N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- polytrichoides* De Not. = **C. pilifer**
- procerus* (Müll.Hal.) Paris = **C. jamesonii**
- pseudobicolor** Müll.Hal. ex Renauld & Cardot
Perennial. Bryophyte. Ht up to 30 mm. Alt ?–3000 m.
KZN, WC
- pulvinatus* (Müll.Hal.) Paris, illegitimate name = **C. catarractilis**
- purpurascens* Lorentz = **C. pilifer**
- purpureo-aureus* (Müll.Hal.) Paris = **C. aureonitens**
- pyriformis** (F.W.Schultz) Brid.
C. leptotrichaceus (Müll.Hal.) Paris (6)
C. pallidus Hook. & Wilson (6)
Perennial. Bryophyte. Ht 2–15 mm. Alt 75–2125 m.
LIM, NW, G, M, FS, KZN, L, WC, EC
- robillardei** Besch.
C. altovirescens (Müll.Hal.) Paris (6)
C. inchangae (Rehmann ex Müll.Hal.) Paris (6)
C. inerangae (Müll.Hal.) Paris, illegitimate name (6)
C. longescens (Müll.Hal.) Paris (6)
C. serridorsus (Müll.Hal.) Paris (6)
Perennial. Bryophyte. Ht 10–40 mm. Alt 20–2134 m.
LIM, NW, G, M, S, KZN, WC, EC
- savannarum** (Müll.Hal.) Mitt.
C. bequaertii Thér. & Naveau (6)
C. delagoae (Müll.Hal.) Paris (6)
C. inandae (Rehmann ex Müll.Hal.) Paris (6)
Perennial. Bryophyte. Ht up to 80 mm. Alt 300–2130 m.
B, LIM, NW, G, M, S, KZN, WC
- serridorsus* (Müll.Hal.) Paris = **C. robillardei**
- simii* Schelpe = **C. julaceus** subsp. **arbogastii**
- stenopelma* (Müll.Hal.) Rehmann ex Paris = **C. thwaitesii**
- subchlorophyllosus* Müll.Hal. = **Sphaerothecium subchlorophyllosum**
- symonsii* Sim = **C. aureonitens**
- tenax* (Müll.Hal.) Broth. = **C. thwaitesii**
- thwaitesii** (Mitt.) A. Jaeger
C. capensis Broth. (6, 8, 10)

- C. chlorotrichus* (Müll.Hal.) Paris (6, 8, 10)
C. controversus (Hampe) A.Jaeger (10)
C. stenopelma (Müll.Hal.) Rehm ex Paris (8, 10)
C. tenax (Müll.Hal.) Paris (6, 8, 10)
 Perennial. Bryophyte, occ. epiphyte. Ht 10–25 mm. Alt 75–2420 m. LIM, NW, G, M, S, KZN, L, WC, EC
trichodes Lorentz = **C. pilifer**
trichodes Lorentz var. *perlamellosus* Dixon = **C. pilifer**
weisiopsis (Müll.Hal.) Paris = **C. pilifer**
- CHORISODONTIUM** (Mitt.) Broth. 9738900
falcatum Magill = **Platyneuron praealtum**
- DICRANELLA** (Müll.Hal.) Schimp. 9739100
 (1) Magill. 1981. *FSA Bryophyta* 1,1: 120–124.
 (2) Ochyra & Newton. 1986. *Lindbergia* 11: 94–98.
 (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 22.
- cardotii** (R.Br. bis) Dixon
Anisothecium symonsii (Dixon) Broth. (2)
D. symonsii Dixon (2)
 Perennial. Bryophyte. Ht 20–40 mm. Alt 2000–2900 m. KZN, L, WC, EC
- rigida** Dixon
 Perennial. Bryophyte. Ht 10–30 mm. Alt ± 15–700 m. WC
- subsubulata** (Hampe ex Müll.Hal.) A.Jaeger
Microcampylopus pusillus Müll.Hal., illegitimate name (1)
 Perennial. Bryophyte. Ht 2–8 mm. Alt up to 2875 m. LIM, M, S, KZN, EC
symonsii Dixon = **D. cardotii**
- DICRANOLOMA** (Renauld) 9739200
 Renauld
 (1) Magill. 1981. *FSA Bryophyta* 1,1: 130–133.
 (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 22.
- billardieri** (Brid.) Paris
 Perennial. Bryophyte. Ht 60–70 mm. Alt 50–1550 m. M, WC, EC
- entabeniense** Magill
 Perennial. Bryophyte. Ht up to 60 mm. Alt ± 1400 m. LIM
- DICRANOWEISIA** Lindb. ex 9739350
 Milde
 (1) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 148.
- antarctica** (Müll.Hal.) Paris
 Perennial. Bryophyte. Ht? Alt ± 2900 m. KZN, L
- HOLOMITRIUM** Brid. 9739400
 (1) Magill. 1981. *FSA Bryophyta* 1,1: 129, 130.
 (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 22.
- cylindraceum** (P.Beauv.) Wijk & Margad. var. **cucullatum** (Besch.) Wijk & Margad.
 Perennial. Bryophyte, epiphyte. Ht 10–20 mm. Alt 200–1500 m. LIM, KZN, WC, EC
- LEPTOTRICHELLA** (Müll.Hal.) 9739450
 Lindb.
 (1) Magill. 1981. *FSA Bryophyta* 1,1: 124–126.
 (2) Ochyra. 1997. *Fragmenta Floristica et Geobotanica* 42: 559–565.
- minuta** (Hampe) Ochyra
Microdus minutus (Hampe) Besch. (2)
 Perennial. Bryophyte. Ht 2–4 mm. Alt 620–1825 m. G, S, KZN, WC
- LEUCOLOMA** Brid. 9739600
 (1) Magill. 1981. *FSA Bryophyta* 1,1: 133–137.
 (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 22.
 (3) La Farge. 2002. *The Bryologist* 105: 509–590.
 (4) La Farge. 2002. *The Bryologist* 105: 606–624.
- chrysobasilare** (Müll.Hal.) A.Jaeger subsp. **africana** La Farge
 Perennial. Bryophyte, epiphyte. Ht 30–60 mm. Alt 1100–2050 m. LIM, M
- ecklonii** (Lorentz) A.Jaeger = **L. zeyheri**
haakonii Broth. & Bryhn = **L. syrrhopodontoides**
rehmannii (Müll.Hal.) Rehm ex Paris = **L. scabricuspis**
scabricuspis Broth.
L. rehmannii (Müll.Hal.) Rehm ex Paris (4)
 Perennial. Bryophyte, epiphyte. Ht 10–60 mm. Alt 150–2050 m. LIM, M, KZN, WC, EC ss
- sprengelianum** (Müll.Hal.) A.Jaeger
 Perennial. Bryophyte, occ. epiphyte. Ht 10–30 mm. Alt 50–1600 m. M, WC, EC
- syrrhopodontoides** Broth.
L. haakonii Broth. & Bryhn (3, 4)
 Perennial. Bryophyte, occ. epiphyte. Ht up to 15 mm. Alt ± 50 m. EC
- woodii** Rehm & Maclea ex Wager = **L. zuluense**
- zeyheri** (Müll.Hal.) A.Jaeger
L. ecklonii (Lorentz) A.Jaeger (4)
 Perennial. Bryophyte, occ. epiphyte. Ht 10–30 mm. Alt 450–1520 m. M, S, WC
- zuluense** Broth. & Bryhn var. **zuluense**
L. woodii Rehm & Maclea ex Wager (3, 4)
 Perennial. Bryophyte, epiphyte. Ht 15–50 mm. Alt 800–1980 m. LIM, M, KZN
- METZLERIA** Schimp. ex Milde 9739650
 = **ATRACTYLOCARPUS**
madagascariensis (Thér.) J.-P.Frahm = **Atractylocarpus madagascariensis**
- MICROCAMPYLOPUS** (Müll.Hal.) 9739700
 M.Fleisch.
perpusillus (Mitt.) Broth. = **Campylopus perpusillus**
pusillus Müll.Hal., illegitimate name = **Dicranella sub-subulata**
- MICRODUS** Schimp. ex Besch. 9739800
minutus (Hampe) Besch. = **Leptotrichella minuta**
- OREOWEISIA** (Bruch & Schimp.). 9739900
 De Not
 (1) Magill. 1981. *FSA Bryophyta* 1,1: 127–129.
 (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 23.
- erosa** (Hampe ex Müll.Hal.) Kindb.
 Perennial. Bryophyte. Ht up to 10 mm. Alt 675–2400 m. G, M, FS, KZN, L, WC
- PLATYNEURON** (Cardot) Broth. 9739950
 (1) Bartlett & Frahm. 1983. *Journal of Bryology* 12: 365–382.
 (2) Frahm. 1989. *Tropical Bryology* 1: 11–19.
 (3) Ochyra & Bednarek-Ochyra. 1997. *Fragmenta Floristica et Geobotanica* 42: 567–570.
- laticostatum** (Cardot) Broth. = **P. praealtum**
praealtum (Mitt.) Ochyra & Bednarek-Ochyra
Chorisodontium falcatum Magill (1, 2, 3)
P. laticostatum (Cardot) Broth. (3)

Perennial. Bryophyte. Ht 30–70 mm. Alt 1375–2125 m. WC

RHABDOWEISIA Bruch & Schimp. 9759200

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 37.
 (2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 527–530.
 (3) Frahm *et al.* 2000. *Tropical Bryology* 18: 161–172.

crispata (Dicks. ex With.) Lindb.

Perennial. Bryophyte. Ht up to 5 mm. Alt ± 2800 m. KZN

fugax (Hedw.) Bruch & Schimp.

Perennial. Bryophyte. Ht up to 5 mm. Alt? M, KZN

SPHAEROTHECIUM Hampe 9740100

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 144–146.
 (2) Frahm. 1986. *The Bryologist* 89: 152–154.
 (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 23.

subchlorophyllosum (Müll.Hal.) J.-P.Frahm

Campylopus basalticolus (Müll.Hal.) Paris (2)

Campylopus subchlorophyllosum Müll.Hal. (2)

Perennial. Bryophyte. Ht 5–15 mm. Alt ?–2880 m. M, KZN, L, WC, EC

THYSANOMITRION Schwägr. 9740125

transvaaliense Herzog & Dixon = **Campylopus flaccidus**

DITRICHACEAE

Compiled by J. van Rooy

ASTOMIOPSIS Müll.Hal. 9736600

- (1) Magill. 1987. *Journal of Bryology* 14: 527–530.
 (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 20.
 (3) Snider *et al.* 1999. *The Bryologist* 102: 119–121.

amblyocalyx Müll.Hal.

Perennial. Bryophyte. Ht 1–1.5 mm. Alt ± 2860 m. L

magilliana Snider, K.L.Yip & J.R.Clark

Perennial. Bryophyte. Ht 2.5–5 mm. Alt ± 2000 m. KZN

CERATODON Brid. 9736700

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 94–96.
 (2) Burley & Pritchard. 1990. *Harvard Papers in Botany* 2: 17–76.
 (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 19.

purpureus (Hedw.) Brid. subsp. **stenocarpus** (Bruch & Schimp. ex Müll.Hal.) Dixon

C. stenocarpus Bruch & Schimp. ex Müll.Hal. (2)

Perennial. Bryophyte. Ht 5–20 mm. Alt 150–3000 m. LIM, G, M, KZN, L, WC, EC

stenocarpus Bruch & Schimp. ex Müll.Hal. = **C. purpureus** subsp. **stenocarpus**

CHEILOTHELA Lindb. ex Broth. 9736800

chilensis (Mont.) Broth. = **Chrysoblastella chilensis**

CHRYSOBLASTELLA R.S.Williams 9736900

- (1) Buck. 1981. *Brittonia* 33: 453–456.
 (2) Magill 1987. *Journal of Bryology* 14: 527–530.

chilensis (Mont.) Reimers

Cheilothela chilensis (Mont.) Broth. (1)

Perennial. Bryophyte. Ht 20–35 mm. Alt ± 914 m. WC

DISTICHIUM Bruch & Schimp. 9736900

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 98, 99.
 (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 19.

capillaceum (Hedw.) Bruch & Schimp.

Perennial. Bryophyte. Ht 10–30 mm. Alt 2000–3270 m. KZN, L

DITRICHUM Hampe 9737000

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 89–93.
 (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 20.

brachypodium (Müll.Hal.) Broth.

Perennial. Bryophyte. Ht 2–5 mm. Alt 160–2440 m. LIM, NW, G, M, S, FS, KZN, WC, EC

difficile (Duby) M.Fleisch.

Perennial. Bryophyte. Ht 7–12 mm. Alt 50–1825 m. LIM, G, M, S, KZN, L, NC, WC, EC

punctulatum Mitt.

Perennial. Bryophyte. Ht 30–70 mm. Alt ± 1825 m. KZN, L, EC

strictum (Hook.f. & Wilson) Hampe

Perennial. Bryophyte. Ht 20–30 mm. Alt 2125–3240 m. KZN, L

ECCREMIDIUM Hook.f. & Wilson 9737100

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 88, 89.
 (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 20.

exiguum (Hook.f. & Wilson) Wilson

Annual, occ. perennial. Bryophyte. Ht up to 1 mm. Alt ± 1250–1550 m. LIM, G, KZN

PLEURIDIUM Rabenh. 9737200

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 83–88.
 (2) Matsui & Iwatsuki. 1990. *Journal of the Hattori Botanical Laboratory* 68: 317–366.
 (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 20.
 (4) Arts. 1998. *Journal of Bryology* 20: 438–441.
 (5) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 152.

acuminatum Lindb. = **P. subulatum**

ecklonii (Hampe ex Mitt.) Snider

Perennial. Bryophyte. Length up to 5 mm. Alt ± 400–900 m. KZN, WC

nervosum (Hook.) Mitt.

Perennial. Bryophyte. Ht 0.4–1 mm. Alt ± 800 m. FS, KZN, L, NC, WC, EC

papillosum Magill

Perennial. Bryophyte. Ht up to 0.5 mm. Alt ± 400 m. WC

pappeanum (Müll.Hal.) A.Jaeger

Perennial. Bryophyte. Ht up to 3 mm. Alt? L, NC, WC, EC

subulatum (Hedw.) Rabenh.

P. acuminatum Lindb. (2)

Perennial. Bryophyte. Ht 0.5–3 mm. Alt? L, NC, WC, EC

SAELANIA Lindb.

9737300

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 96–98.
 (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 20.

glaucescens (Hedw.) Broth.

Perennial. Bryophyte. Ht 5–10 mm. Alt 2450–3240 m.
 FS, KZN, L

TRISTICHIUM Müll.Hal.

9737400

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 99, 100.
 (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 20.

mirabile (Müll.Hal.) Herzog

Perennial. Bryophyte. Ht 10–15 mm. Alt 2800–3200 m.
 KZN, L

ENCALYPTACEAE

Compiled by J. van Rooy

ENCALYPTA Hedw.

9741600

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 173–176.
 (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 24.

ciliata Hedw.

Perennial. Bryophyte. Ht 5–20 mm. Alt 1825–3240 m.
 FS, KZN, L, EC

vulgaris Hedw.

Perennial. Bryophyte. Ht 5–20 mm. Alt 1150–3200 m.
 L, WC, EC

ENTODONTACEAE

Compiled by J. van Rooy

ENTODON Müll.Hal.

9776500

- (1) Sim. 1926. *The bryophyta of South Africa*: 410–412.
 (2) Townsend. 1991. *Journal of Bryology* 16: 601–605.
 (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 43.

cymbifolius Wager & Dixon

Perennial. Bryophyte, epiphyte. Length 25–76 mm.
 Alt 1200–2100 m. LIM, G, KZN, L

dregeanus (Hornsch.) Müll.Hal. = **E. macropodus****geminidens** (Besch.) Paris

Perennial. Bryophyte, epiphyte. Length ± 20 mm. Alt? M

macropodus (Hedw.) Müll.Hal.

E. dregeanus (Hornsch.) Müll.Hal. (2)

Perennial. Bryophyte, epiphyte. Length up to 76 mm.

Alt 300–3000 m. LIM, M, S, FS, KZN, L, WC,
 EC

natalensis Rehmann ex Müll.Hal.

Perennial. Bryophyte. Length up to 50 mm. Alt 900–
 2000 m. M, KZN, L

ERYTHRODONTIUM Hampe 9776600

- (1) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.
 (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 44.

subjulaceum (Müll.Hal.) Paris

Perennial. Bryophyte, epiphyte. Length up to 50 mm.
 Alt ± 800 m. LIM, M, S

EPHEMERACEAE

Compiled by J. van Rooy

EPHEMERUM Hampe

9747900

- (1) Magill. 1987. *FSA Bryophyta* 1,2: 305–309.
 (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 29.

capense Müll.Hal.

Annual. Bryophyte. Ht up to 1 mm. Alt ± 400–1600 m.
 L, EC

diversifolium Mitt.

Annual. Bryophyte. Ht up to 1 mm. Alt ± 10 m. EC

namaquense Magill

Annual. Bryophyte. Ht up to 1 mm. Alt 175–854 m.
 NC, WC

rehmannii (Müll.Hal.) Broth.

Annual. Bryophyte. Ht up to 1 mm. Alt 550–1400 m.
 FS, KZN, WC, EC

MICROMITRIUM Austin 9747950

- (1) Blockeel *et al.* 2002. *Journal of Bryology* 24: 88–91.

perexiguum (Müll.Hal.) Crosby

Annual. Bryophyte. Ht up to 1 mm. Alt ± 1450 m. EC

ERPODIACEAE

Compiled by J. van Rooy

AULACOPILUM Wilson 9756100(1) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 456–458.**trichophyllum** Ångstr.Perennial. Bryophyte, occ. epiphyte. Length up to 10 mm.
Alt ± 300–1600 m. LIM, NW, G, M, KZN, EC**ERPODIUM** (Brid.) Brid. 9756200(1) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 451–456.**beccarii** Müll.Hal.Perennial. Bryophyte, epiphyte. Length up to 20 mm.
Alt ± 150–1500 m. N, B, LIM, G, M, S, FS, KZN**coronatum** (Hook.f. & Wilson) Mitt. subsp. **transvaaliense** (Broth. & Wager) MagillPerennial. Bryophyte, epiphyte. Length 10–20 mm.
Alt ± 1000–1500 m. N, LIM, NW, G, M, KZN**distichum** Wager & DixonPerennial. Bryophyte, epiphyte. Length up to 10 mm.
Alt? M**grossirete** Müll.Hal.Perennial. Bryophyte, epiphyte. Length up to 10 mm.
Alt ± 1000 m. N

EUSTICHIACEAE

Compiled by J. van Rooy

EUSTICHIA (Brid.) Brid. 9752700(1) Magill. 1987. *FSA Bryophyta* 1,2: 399.(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 43: 18.**longirostris** (Brid.) Brid.Perennial. Bryophyte. Length up to 50 mm. Alt
1400–2450 m. FS, KZN, L

FABRONIACEAE

Compiled by J. van Rooy

DIMERODONTIUM Mitt. 9769600(1) Sim. 1926. *The bryophyta of South Africa*: 365, 366.(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 18.(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 41.**africanum** Müll.Hal.Perennial. Bryophyte, epiphyte. Length 12–25 mm.
Alt ± 90–760 m. M, KZN, WC, EC**FABRONIA** Raddi 9769700(1) Sim. 1926. *The bryophyta of South Africa*: 361–364.(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 18, 19.(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 41.**abyssinica** Müll.Hal.Perennial. Bryophyte, epiphyte. Length up to 37 mm.
Alt ± 2000–2100 m. G, KZN, L, WC, EC**breutelii** HampePerennial. Bryophyte, epiphyte. Length up to 50 mm.
Alt? WC**eckloniana** HampePerennial. Bryophyte, epiphyte. Length up to 50 mm.
Alt? EC**gueinzii** Hampe

Perennial. Bryophyte, epiphyte. Length 25–50 mm.

Alt 610–1200 m. LIM, M, KZN, WC, EC

leikipiae Müll.Hal.Perennial. Bryophyte, epiphyte. Length up to 50 mm.
Alt? LIM, M, EC**perciliata** Müll.Hal.Perennial. Bryophyte, epiphyte. Length up to 50 mm.
Alt 914–2134 m. G, M, KZN, NC, WC**pilifera** Hornsch.Perennial. Bryophyte, epiphyte. Length 25–50 mm.
Alt 15–2100 m. B, LIM, NW, G, M, S, FS, KZN, L, WC, EC**rehmannii** Müll.Hal.Perennial. Bryophyte, epiphyte. Length up to 50 mm.
Alt 30–1800 m. LIM, G, M, S, KZN, WC, EC**victoriae** DixonPerennial. Bryophyte, epiphyte. Length up to 50 mm.
Alt ± 762 m. LIM, WC**wageri** DixonPerennial. Bryophyte, epiphyte. Length 12–50 mm.
Alt ± 305 m. WC**ISCHYRODON** Müll.Hal. 9770000(1) Sim. 1926. *The bryophyta of South Africa*: 364, 365.(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.

- (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 41.

lepturus (Taylor) Schelpe

Perennial. Bryophyte, epiphyte. Length 25–50 mm.
Alt 15–914 m. N, NC, WC

LEVIERELLA Müll.Hal. 9776700

- (1) Sim. 1926. *The bryophyta of South Africa*: 407, 408.
(2) Bizot & Pócs. 1982. *Acta Botanica Academiae Scientiarum Hungaricae* 28: 51.

- (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 44.

- (4) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 112.

fabroniaceae Müll.Hal. var. *abyssinica* Dixon = **L. perserrata**

perserrata P.de la Varde & J.-F.Leroy

L. fabroniaceae Müll.Hal. var. *abyssinica* Dixon (2)
Perennial. Bryophyte. Length up to 80 mm. Alt 600–2100 m. LIM, M, S, KZN

FISSIDENTACEAE

Compiled by J. van Rooy

FISSIDENS Hedw. 9735400

- (1) Pursell & Reese. 1980 [1981]. *The Bryologist* 83: 559–562.
(2) Magill. 1981. *FSA Bryophyta* 1,1: 39–68.
(3) Pursell. 1987. *Memoirs of the New York Botanical Garden* 45: 639–660.
(4) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* 62: 18, 19.
(5) Bruggeman-Nannenga. 1993. *Tropical Bryology* 8: 141–148.
(6) Bruggeman-Nannenga & Pursell. 1995 [1996]. *Lindbergia* 20: 49–55.
(7) Bruggeman-Nannenga. 1997. *Journal of the Hattori Botanical Laboratory* 81: 155–173.
(8) Blockeel *et al.* 2003. *Journal of Bryology* 25: 142.

aciphyllus Dixon

Perennial. Bryophyte. Ht 3–4 mm. Alt up to 1725 m.
G, FS, KZN, EC

asplenioides Hedw.

Perennial. Bryophyte. Ht 10–15 mm. Alt ± 600–1980 m.
LIM, NW, M, KZN, WC, EC

beckettii Mitt.

F. simii Schelpe (7)

Perennial. Bryophyte. Ht 3–5 mm. Alt 500–1550 m. M, KZN, EC

bogoticus Müll.Hal.

F. microandrogynus Dixon (7)

F. parvilimbatus Sim (7)

Perennial. Bryophyte. Ht 10–15 mm. Alt ± 300–3000 m.
LIM, NW, M, KZN, WC, EC

borgenii Hampe

Perennial. Bryophyte, epiphyte. Ht 2–3 mm. Alt 150–1900 m. LIM, NW, M, FS, KZN, WC, EC

borgenii Hampe var. *obtusifolius* Broth. & Dixon = **F. sciophyllus** forma **sciophyllus**

breutelii Schimp. ex Müll.Hal. = **F. rufescens**

bryoides Hedw.

Perennial. Bryophyte. Ht up to 10 mm. Alt 100–2987 m.
LIM, NW, G, M, FS, KZN, L, WC, EC

capensis (Müll.Hal.) Broth. = **F. palmifolius**

capriiviensis Magill

Perennial. Bryophyte, epiphyte. Ht 1–2 mm. Alt ± 980 m. N

curvatus Hornsch. var. **curvatus**

F. macleanus Shaw (7)

Perennial. Bryophyte. Ht 1–3 mm. Alt up to 2440 m.
LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

cymatophyllus Müll.Hal. = **F. ovatus**

enervis Sim

Perennial. Bryophyte. Ht up to 2 mm. Alt 750–1525 m.
KZN

erosulus (Müll.Hal.) Paris

Perennial. Bryophyte. Ht 2–6 mm. Alt 40–1970 m. B, LIM, NW, M, S, KZN, NC

fasciculatus Hornsch.

Perennial. Bryophyte, occ. hydrophyte. Ht 10–20 mm.
Alt up to 1525 m. M, KZN, WC

gladiolus Mitt.

Nanobryum dummeri Dixon (1)

Perennial. Bryophyte. Ht up to 0.5 mm. Alt up to 50 m.
KZN, EC

glaucescens Hornsch. = **F. ovatus**

hoeegii P.de la Varde

Perennial. Bryophyte. Ht 3–6 mm. Alt ± 1500–1750 m.
LIM, FS, KZN, L, EC

intramarginatus (Hampe) Mitt.

Perennial. Bryophyte. Ht. up to 15 mm. Alt ± 1500 m.
M.

ischyrobryoides Müll.Hal. = **F. rufescens**

lanceolatus Hampe = **F. ovatus**

macleanus Shaw = **F. curvatus** var. **curvatus**

macowanianus Müll.Hal. = **F. megalotis** subsp. **megalotis**

marginatus Schimp. ex Müll.Hal. = **F. rufescens**

megalotis Schimp. ex Müll.Hal. subsp. **megalotis**

F. macowanianus Müll.Hal. (6)

Perennial. Bryophyte. Ht up to 8 mm. Alt? EC

microandrogynus Dixon = **F. bogoticus**

mucronatus Schimp. ex Müll.Hal. = **F. ovatus**

nitens Rehmann ex E.S.Salmon = **F. porrectus**

ovatus Brid.

F. cymatophyllus Müll.Hal. (2, 7)

F. glaucescens Hornsch. (7)

F. lanceolatus Hampe (2, 7)

F. mucronatus Schimp. ex Müll.Hal. (2, 7)

F. procerior Broth. & Bryhn (2, 7)

F. rehmannii Müll.Hal. (2, 7)

F. thunbergii Brid. (7)

F. zuluensis Broth. & Bryhn (2, 7)

Perennial. Bryophyte, semi-hydrophyte. Ht 5–10 mm.
Alt 50–3000 m. LIM, NW, G, M, S, FS, KZN,
L, WC, EC

palmifolius (P.Beauv.) Broth.

F. capensis (Müll.Hal.) Broth. (3, 4)

Perennial. Bryophyte, hydrophyte. Length 50–100 mm.
Alt 20–1900 m. NW, G, M, FS, KZN, L, NC,
WC, EC

parvilimbatus Sim = **F. bogosicus**

plumosus Hornsch.

Perennial. Bryophyte. Ht 5–7 mm. Alt 50–1980 m. LIM, NW, M, KZN, WC, EC

porrectus Mitt.

F. nitens Rehm ex E.S. Salmon (5)

Perennial. Bryophyte, occ. hydrophyte. Ht 3–4 mm. Alt ± 600 m. KZN

procerior Broth. & Bryhn = **F. ovatus**

pseudoserratus (Müll.Hal.) A. Jaeger

Perennial. Bryophyte, epiphyte. Ht up to 2 mm. Alt 30–1600 m. NW, KZN, EC

pygmaeus Hornsch.

F. stellenboschianus Dixon (7)

Perennial. Bryophyte. Ht up to 4 mm. Alt up to 1600 m. L, NC, WC

rehmannii Müll.Hal. = **F. ovatus**

rufescens Hornsch.

F. breutelii Schimp. ex Müll.Hal. (2, 6)

F. ischyrobryoides Müll.Hal. (6)

F. marginatus Schimp. ex Müll.Hal. (6)

Perennial. Bryophyte. Ht 4–8 mm. Alt up to 2300 m. N, B, LIM, NW, G, M, FS, L, NC, WC, EC

sciophyllus Mitt. forma **sciophyllus**

F. borgenii Hampe var. *obtusifolius* Broth. & Dixon (7)

F. subobtusatus Müll.Hal. (7)

Perennial. Bryophyte. Ht 2–3 mm. Alt 620–2150 m.

N, LIM, NW, G, M, FS, KZN, L, NC, EC

scleromitrius (Besch.) Broth.

Perennial. Bryophyte. Ht 4–6 mm. Alt ± 900–1720 m. KZN, L

simii Schelpe = **F. beckettii**

splachnifolius Hornsch.

Perennial. Bryophyte. Ht 1–2 mm. Alt ± 50–100 m. WC

stellenboschianus Dixon = **F. pygmaeus**

submarginatus Bruch

Perennial. Bryophyte. Ht 3–5 mm. Alt 20–2000 m. LIM, G, M, S, KZN, NC, EC

subobtusatus Müll.Hal. = **F. sciophyllus** forma **sciophyllus**

thunbergii Brid. = **F. ovatus**

usambaricus Broth.

Perennial. Bryophyte. Ht 2–3 mm. Alt 150–1615 m. LIM, M, S, KZN, EC

wageri Dixon

Perennial. Bryophyte. Ht to 2 mm. Alt ± 50–1550 m. M, KZN, EC

zuluensis Broth. & Bryhn = **F. ovatus**

NANOBRYUM Dixon

9735450

dummeri Dixon = **Fissidens gladiolus**

FONTINALACEAE

Compiled by J. van Rooy

FONTINALIS Hedw.

9760200

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* 62: 37.

(2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 534–537.

antipyretica Hedw. var. **gracilis** (Lindb.) Schimp.

Perennial. Bryophyte, hydrophyte. Length up to 300 mm. Alt ± 250 m. WC

squamosa Hedw.

Perennial. Bryophyte, hydrophyte. Length up to 400 mm. Alt ± 250 m. WC

FUNARIACEAE

Compiled by J. van Rooy

CYGNICOLLUM Fife & Magill 9748400

(1) Magill. 1987. *FSA Bryophyta* 1,2: 314–317.

(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* 62: 30.

immersum Fife & Magill

Perennial. Bryophyte. Ht up to 1 mm. Alt ± 800 m. NC

ENTOSTHODON Schwägr. 9748500

(1) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 149.

bergianus (Hornsch.) Müll.Hal. = **Funaria bergiana**

campylopodoides Müll.Hal. = **Funaria rottleri**

dixonii Sim = **Funaria longicollis**

gracilescens Müll.Hal. = **Funaria limbata**

marginatus Müll.Hal. = **Funaria limbata**

marginatus Müll.Hal. var. *obtusatus* Sim = **Funaria limbata**

rottleri (Schwägr.) Müll.Hal. = **Funaria rottleri**

spathulatus (Schimp. ex Müll.Hal.) Sim = **Funaria spathulata**

subnudus (Taylor) Fife var. **subcuspidatus** (Broth.) Fife

Perennial. Bryophyte. Ht? Alt ± 2500 m. L

FUNARIA Hedw.

9748600

(1) Magill. 1987. *FSA Bryophyta* 1,2: 319–330.

(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* 62: 29, 30.

ampliretis (Rehmann ex Müll.Hal.) Broth. = **F. limbata**

bergiana (Hornsch.) Broth.

Entosthodon bergianus (Hornsch.) Müll.Hal. (1)
Annual, occ. perennial. Bryophyte. Ht 2–3 mm. Alt 300–3000 m. N, LIM, M, FS, KZN, NC, WC, EC

clavata (Mitt.) Magill

Annual, occ. perennial. Bryophyte. Ht 2–4 mm. Alt 50–1000 m. NC, WC

hygrometrica Hedw.

Annual, occ. perennial. Bryophyte. Ht 3–8 mm. Alt 20–2550 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

limbata (Müll.Hal.) Broth.

Entosthodon gracilescens Müll.Hal. (1)
Entosthodon marginatus Müll.Hal. (1)
Entosthodon marginatus Müll.Hal. var. *obtusatus* Sim (1)
F. ampliretis (Rehmann ex Müll.Hal.) Broth. (1)
F. micropyxis (Müll.Hal.) Broth. (1)

Annual, occ. perennial. Bryophyte. Ht 1–2 mm. Alt 200–2100 m. LIM, NW, G, M, KZN, WC, EC

longicollis Dixon

Entosthodon dixonii Sim (1)
Annual, occ. perennial. Bryophyte. Ht 2–5 mm. Alt 600–1200 m. LIM, NW, M

micropyxis (Müll.Hal.) Broth. = **F. limbata****rhomboidea** J. Shaw

F. schinzii (Geh.) Broth. (1)
Physcomitrium rivale (Geh.) Broth. (1)
Annual, occ. perennial. Bryophyte. Ht 2–3 mm. Alt 1000–1500 m. N, M, FS, EC

rottleri (Schwägr.) Broth.

Entosthodon campylopedioides Müll.Hal. (1)
Entosthodon rottleri (Schwägr.) Müll.Hal. (1)
Annual, occ. perennial. Bryophyte. Ht 2–5 mm. Alt 200–3000 m. LIM, NW, M, FS, KZN, L, NC, WC, EC

schinzii (Geh.) Broth. = **F. rhomboidea****spathulata** Schimp. ex Müll.Hal.

Entosthodon spathulatus (Schimp. ex Müll.Hal.) Sim (1)
Annual, occ. perennial. Bryophyte. Ht 2–4 mm. Alt 60–3000 m. KZN, L, NC, WC

succuleata (Wager & C.H. Wright) Broth. ex Magill

Annual, occ. perennial. Bryophyte. Ht 2–4 mm. Alt ± 60–2000 m. M, FS, KZN, L, WC, EC

urceolata (Mitt.) Magill

Annual, occ. perennial. Bryophyte. Ht 2–4 mm. Alt 1350–1500 m. FS, KZN, L, WC, EC

GONIOMITRIUM Hook.f. & Wilson 9748700

(1) Magill. 1987. *FSA*. Bryophyta 1,2: 311–313.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* 62: 30.

africanum (Müll.Hal.) Broth.

Annual, occ. perennial. Bryophyte. Ht 1–2 mm. Alt 150–1550 m. N, NW, G, FS, L, NC, WC

MICROPOMA Lindb. 9748800

(1) Magill. 1987. *FSA*. Bryophyta 1,2: 314.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* 62: 30.
(3) Blockeel *et al.* 2003. *Journal of Bryology* 25: 142.

niloticum (Delile) Lindb.

Perennial. Bryophyte. Ht up to 3 mm. Alt ± 50–1000 m. N, KZN

PHYSCOMITRELLOPSIS Broth. & Wager 9748900

(1) Magill. 1987. *FSA*. Bryophyta 1,2: 317, 318.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* 62: 30.

africana Wager & Broth. ex Dixon

Perennial. Bryophyte. Ht 1–2 mm. Alt ± 10 m. KZN, EC

PHYSCOMITRIUM (Brid.) Brid. 9749000

(1) Magill. 1987. *FSA*. Bryophyta 1,2: 318, 319.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* 62: 30.

rivale (Geh.) Broth. = **Funaria rhomboidea****spathulatum** Müll.Hal. var. **sessile** (J. Shaw) Magill

Perennial. Bryophyte. Ht up to 6 mm. Alt? NC, EC

spathulatum Müll.Hal. var. **spathulatum**

Perennial. Bryophyte. Ht up to 6 mm. Alt 60–1700 m. N, LIM, G, M, KZN, NC, WC, EC

GIGASPERMACEAE

Compiled by J. van Rooy

CHAMAEBRYUM Thér. & Dixon 9747200

(1) Magill. 1987. *FSA*. Bryophyta 1,2: 301–303.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 29.

pottioides Thér. & Dixon

Perennial. Bryophyte. Ht 2–6 mm. Alt 300–1737 m. N, KZN, L, NC, WC

GIGASPERMUM Lindb. 9747300

(1) Magill. 1987. *FSA*. Bryophyta 1,2: 299–301.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 29.

repens (Hook.) Lindb.

Annual, occ. perennial. Bryophyte. Ht 2–5 mm. Alt ± 180–1500 m. N, FS, L, NC, WC

OEDIPODIELLA Dixon 9747400

(1) Magill. 1987. *FSA*. Bryophyta 1,2: 303.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 29.

australis (Wager & Dixon) Dixon

Perennial. Bryophyte. Ht 2–5 mm. Alt 900–2300 m. LIM, G, KZN, L, EC

GRIMMIACEAE

Compiled by J. van Rooy

GRIMMIA Hedw.

9746400

- (1) Magill. 1981. *FSA. Bryophyta* 1,1: 274–278.
- (2) Kis. 1985. *Mosses of South-east tropical Africa*: 1–170.
- (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 28.
- (4) Greven. 1996. *The Bryologist* 99: 428–432.
- (5) Muñoz. 1999. *Annals of the Missouri Botanical Garden* 86: 118–191.
- (6) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 133–155.
- (7) Muñoz & Pando. 2000. *Monographs in Systematic Botany from the Missouri Botanical Garden* 83: 1–133.

apocarpa Hedw. = **Schistidium apocarpum****argyrotricha** Müll.Hal.Perennial. Bryophyte. Ht up to 30 mm. Alt 600–3250 m.
L, WC*campestris* Burch. ex Hook. = **G. laevigata***commutata* Huebener, illegitimate name (7)**donniana** Sm.Perennial. Bryophyte. Ht up to 20 mm. Alt 2900–3240 m.
KZN, L*drakensbergensis* Sim = **G. pulvinata****elongata** Kaulf.Perennial. Bryophyte. Ht up to 15 mm. Alt 3050–3240 m.
KZN, L**fuscolutea** Hook.*G. sanii* Greven (4, 5)Perennial. Bryophyte. Ht up to 20 mm. Alt 2750–3280 m.
FS, KZN, L**laevigata** (Brid.) Brid.*G. campestris* Burch. ex Hook. (1, 7)*G. senilis* J.Shaw (1, 7)Perennial. Bryophyte. Ht up to 20 mm. Alt 100–2450 m.
FS, KZN, L, NC, WC, EC*leptotricha* Müll.Hal. = **G. pulvinata****longirostris** Hook.Perennial. Bryophyte. Ht 5–20 mm. Alt 600–3240 m.
FS, KZN, L, NC, WC, EC*nigro-viridis* Hook. & Taylor ex Brid. var. *robusticula*
Müll.Hal. = **Racomitrium lamprocarpum****pulvinata** (Hedw.) Sm.*G. drakensbergensis* Sim (1)*G. leptotricha* Müll.Hal. (1, 7)*G. pulvinata* (Hedw.) Sm. var. *africana* (Hedw.) Hook. & Wilson (1, 7)Perennial. Bryophyte. Ht 5–15 mm. Alt 100–3270 m.
N, FS, KZN, L, NC, WC, EC*pulvinata* (Hedw.) Sm. var. *africana* (Hedw.) Hook. &
Wilson = **G. pulvinata****reflexidens** Müll.Hal.

Perennial. Bryophyte. Ht up to 15 mm. Alt ± 3000–3200 m.

KZN, L

sanii Greven = **G. fuscolutea***senilis* J.Shaw = **G. laevigata****trichophylla** Grev.Perennial. Bryophyte. Ht up to 30 mm. Alt 650–2860 m.
KZN, L, WC, EC**LEUCOPERICHAETIUM** Magill 9746500

- (1) Magill. 1981. *FSA. Bryophyta* 1,1: 271–274.
- (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 29.

eremophilum Magill

Perennial. Bryophyte. Ht 5–10 mm. Alt ± 1000 m. N

RACOMITRIUM Brid. 9746600

- (1) Magill. 1981. *FSA. Bryophyta* 1,1: 278–281.
- (2) Ochya *et al.* 1988. *Bulletin du Jardin Botanique National de Belgique* 58: 225–258.
- (3) Ochya & Hertel. 1990. *Polish Botanical Studies* 1: 19–34.
- (4) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 28, 29.
- (5) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 133–155.

crispipilum (Taylor) A.Jaeger

Perennial. Bryophyte. Ht? Alt ± 2900 m. KZN

crispulum (Hook.f. & Wilson) Hook.f. & WilsonPerennial. Bryophyte. Ht 20–70 mm. Alt 100–3150 m.
KZN, L, NC, WC, EC**lamprocarpum** (Müll.Hal.) A.Jaeger*Grimmia nigro-viridis* Hook. & Taylor ex Brid. var. *robusticula*
Müll.Hal. (4)*R. nigro-viride* (Müll.Hal.) Paris (4)*R. pseudoaciculare* (Müll.Hal.) Paris (4)Perennial. Bryophyte. Ht 10–40 mm. Alt 550–2000 m.
WC**lanuginosum** (Hedw.) Brid.Perennial. Bryophyte. Length 40–80 mm. Alt 600–1550 m.
WC, EC*nigro-viride* (Müll.Hal.) Paris = **R. lamprocarpum***pseudoaciculare* (Müll.Hal.) Paris = **R. lamprocarpum****SCHISTIDIUM** Bruch & Schimp. 9746700

- (1) Bremer. 1980. *Lindbergia* 6: 89–117.
- (2) Magill. 1981. *FSA. Bryophyta* 1,1: 274, 275.
- (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 29.

apocarpum (Hedw.) Bruch & Schimp.*Grimmia apocarpa* Hedw. (1)Perennial. Bryophyte. Length 10–30 mm. Alt 100–3270 m.
M, FS, KZN, L, NC, WC, EC

HEDWIGIACEAE

Compiled by J. van Rooy

BRAUNIA Bruch & Schimp. 9761200

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 37.
- (2) Magill & Van Rooy. 1998. *FSA. Bryophyta* 1,3: 545–548.

secunda (Hook.) Bruch & Schimp.

Perennial. Bryophyte, occ. epiphyte. Length 20–70 mm.
Alt 450–2450 m. LIM, M, S, FS, KZN, L, WC, EC

HEDWIGIA P.Beauv. 9761300

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 37.
- (2) Magill & Van Rooy. 1998. *FSA. Bryophyta* 1,3: 544, 545.

ciliata (Hedw.) P.Beauv.

Perennial. Bryophyte. Length up to 70 m. Alt 1250–2150 m. LIM, M, KZN, L, EC

HEDWIGIDIUM Bruch & Schimp. 9761400

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 37.
- (2) Magill & Van Rooy. 1998. *FSA. Bryophyta* 1,3: 548, 549.

integrifolium (P.Beauv.) Dixon

Perennial. Bryophyte. Length up to 50 mm. Alt 400–3150 m. LIM, M, S, FS, KZN, L, WC, EC

RHACOCARPUS Lindb. 9761500

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 37, 38.
- (2) Magill & Van Rooy. 1998. *FSA. Bryophyta* 1,3: 541–544.

purpurascens (Brid.) Paris

Perennial. Bryophyte. Length up to 100 mm. Alt 50–2400 m. LIM, M, L, WC

HYPNACEAE

Compiled by J. van Rooy

CHRYSO-HYPNUM Hampe 9779500

- (1) Sim. 1926. *The bryophyta of South Africa*: 418.
- (2) Ochyra & Sharp. 1988. *Journal of the Hattori Botanical Laboratory* 65: 370.
- (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* 62: 45.
- (4) O'Shea. 1995. *Tropical Bryology* 10: 116.

cavifolium (Dixon) Ochyra & Sharp

Perennial. Bryophyte, occ. epiphyte. Length up to 100 mm.
Alt ± 762–1900 m. LIM, M, KZN

ECTROPOTHECIUM Mitt. 9779600

- (1) Sim. 1926. *The bryophyta of South Africa*: 424–426.
- (2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 20.
- (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 45.
- (4) O'Shea. 1995. *Tropical Bryology* 10: 120, 121.

brachycarpum (Dixon) Magill

E. brevisetum Dixon, illegitimate name (2)

Perennial. Bryophyte, epiphyte. Length up to 50 mm.
Alt? LIM, M, KZN, WC, EC

brevisetum Dixon, illegitimate name = **E. brachycarpum**

perrotii Renaud & Cardot

Perennial. Bryophyte. Length up to 30 mm. Alt ± 1200 m. M

regulare (Brid.) A.Jaeger

Perennial. Bryophyte, occ. epiphyte. Length up to 100 mm.
Alt 30–2100 m. LIM, M, KZN, WC, EC

HYPNUM Hedw. 9779700

- (1) Ando. 1989. *Hikobia* 10: 269–291.
- (2) Ando. 1992. *Hikobia* 11: 111–123.
- (3) Ando. 1995. *Fragmenta Floristica et Geobotanica* 40: 189–196.

cupressiforme Hedw. var. cupressiforme

Perennial. Bryophyte, occ. epiphyte. Length up to 100 mm.

Alt ± 90–3240 m. LIM, M, S, FS, KZN, L, WC, EC

cupressiforme Hedw. var. filiforme Brid.

Perennial. Bryophyte, epiphyte. Length up to 60 mm. Alt? WC

cupressiforme Hedw. var. lacunosum Brid.

Perennial. Bryophyte, occ. epiphyte. Length up to 100 mm.
Alt ± 1360–3240 m. LIM, S, KZN, L, WC, EC

cupressiforme Hedw. var. mossmanianum (Müll.Hal.) Ando

Perennial. Bryophyte, epiphyte. Length up to 30 mm. Alt ± 200–1150 m. WC, EC

macrogynum Besch.

Perennial. Bryophyte, occ. epiphyte. Length up to 100 mm. Alt ± 1580–3050 m. LIM, M, L, KZN, EC

ISOPTERYGIUM Mitt. 9779800

- (1) Sim. 1926. *The bryophyta of South Africa*: 426–430.
- (2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 23.
- (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 45.

leucophanes (Hampe ex Müll.Hal.) A.Jaeger

Perennial. Bryophyte, occ. epiphyte. Length 12–25 mm.
Alt 61–1200 m. LIM, M, S, KZN, WC, EC

leucopsis (Müll.Hal.) Paris

Perennial. Bryophyte, occ. epiphyte. Length up to 30 mm.
Alt up to 1000 m. NW, M, KZN

punctulatum Broth. & Wager

Perennial. Bryophyte, occ. epiphyte. Length up to 75 mm.
Alt? NW, KZN, WC

strangulatum (Hampe ex Müll.Hal.) Broth.

Perennial. Bryophyte, hydrophyte. Length up to 75 mm.
Alt ± 60–300 m. WC, EC

taxithelloides Broth. & Bryhn

Perennial. Bryophyte, epiphyte. Length up to 50 mm.
Alt ± 600 m. KZN

taylorii Sim

Perennial. Bryophyte. Length up to 50 mm. Alt ± 1000 m.
WC

MITTENOTHAMNIUM Henn. 9780000

- (1) Sim. 1926. *The bryophyta of South Africa*: 418–421.
- (2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 24.
- (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 45.
- (4) Buck. 1993. *Tropical Bryology* 8: 214.

ctenidioides (Dixon) Schelpe

Perennial. Bryophyte, occ. epiphyte. Length up to 50 mm.
Alt? EC

cygnicollum (Dixon) Wijk & Margad. = **M. reptans****horridulum** (Broth.) Cardot

Perennial. Bryophyte, occ. epiphyte. Length up to 50 mm.
Alt ± 1300 m. KZN

patens (Hampe) Cardot

Perennial. Bryophyte, occ. epiphyte. Length up to 50 mm.
Alt 300–2400 m. LIM, M, KZN, WC, EC

pseudoreptans (Müll.Hal.) Cardot

Perennial. Bryophyte, occ. epiphyte. Length up to 75 mm.
Alt 600–1900 m. LIM, M, KZN, WC, EC

reptans (Hedw.) Cardot

M. cygnicollum (Dixon) Wijk & Margad. (4)

Perennial. Bryophyte, occ. epiphyte. Length up to 75 mm.
Alt 400–1900 m. LIM, M, KZN, WC

RHACOPILOPSIS Renaud & Cardot 9780050

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 44.
- (2) Buck. 1993. *Tropical Bryology* 8: 215, 216.
- (3) Watling & O'Shea. 2000. *Journal of Bryology* 22: 207–216.

flexilis (Renaud & Cardot) W.R.Buck = **R. variegata**
transvaaliensis (Thér. & Dixon) W.R.Buck = **R. trinitensis**

trinitensis (Müll.Hal.) E.Britton & Dixon

Heterophyllum transvaaliense (Thér. & Dixon) Thér. & P.de la Varde (3)
R. transvaaliensis (Thér. & Dixon) W.R.Buck (3)
Perennial. Bryophyte, epiphyte. Length? Alt 1400–1900 m.
LIM, KZN

variegata (Welw. & Duby) M.C.Watling & O'Shea

Heterophyllum flexile (Renaud & Cardot) Thér. & P.de la Varde (3)
R. flexilis (Renaud & Cardot) W.R.Buck (3)
Perennial. Bryophyte, epiphyte. Length? Alt ± 914 m.
LIM, KZN

VESICULARIA (Müll.Hal.) Müll.Hal. 9780100

- (1) Sim. 1926. *The bryophyta of South Africa*: 433, 434.
- (2) Corley *et al.* 1981. *Journal of Bryology* 11: 642.
- (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 45.

galerulata (Duby) Broth.

V. sphaerocarpa (A.Jaeger) Broth. (2)

Perennial. Bryophyte, occ. epiphyte. Length up to 100 mm.
Alt 500–1200 m. N, M, S, KZN, WC, EC

sphaerocarpa (A.Jaeger) Broth. = **V. galerulata**

HYOPTERYGIACEAE

Compiled by J. van Rooy

HYOPTERYGIUM Brid. 9768700

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 40.
- (2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 614–617.
- (3) Pfeiffer *et al.* 2000. *Journal of the Hattori Botanical Laboratory* 89: 55–70.
- (4) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 107.

laricinum (Hook.) Brid. = **H. tamarisci**

tamarisci (Sw.) Brid. ex Müll.Hal.

H. laricinum (Hook.) Brid. (3)

Perennial. Bryophyte, occ. epiphyte. Length 20–40 mm.

Alt 20–2150 m. LIM, M, KZN, WC, EC

LOPIDIUM Hook.f. & Wilson 9769000

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 41.
- (2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 609–612.
- (3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 107.

pennaeforme (Thunb. ex Brid.) M.Fleisch.

Perennial. Bryophyte, occ. epiphyte. Length 10–35 mm.
Alt 50–1300 m. KZN, WC, EC

LEPTODONTACEAE

Compiled by J. van Rooy

FORSSTROEMIA Lindb. 9766200

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 38.
- (2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 585–588.

producta (Hornsch.) Paris

Perennial. Bryophyte, epiphyte. Length 15–40 mm.
Alt 20–1900 m. LIM, M, KZN, WC, EC

LEPTODON D.Mohr

9766300

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 38.
 (2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 588, 589.

smithii (Hedw.) F.Weber & D.Mohr

Perennial. Bryophyte, occ. epiphyte. Length 20–50 mm. Alt up to 2200 m. LIM, NW, G, M, FS, KZN, WC, EC

LESKEACEAE

Compiled by J. van Rooy

LEPTOPTERIGYNANDRUM 9771600
Müll.Hal.

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 42.
 (2) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 110.

austro-alpinum Müll.Hal.

Perennial. Bryophyte. Length? Alt ± 2800 m. KZN, L

LESKEELLA (Limpr.) Loeske 9771700

- (1) Sim. 1926. *The bryophyta of South Africa*: 379.
 (2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.
 (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 41.

zuluensis Broth. & Bryhn

Perennial. Bryophyte, epiphyte. Length up to 20 mm. Alt ± 800 m. KZN

LINDBERGIA Kindb. 9771800

- (1) Sim. 1926. *Transactions of the Royal Society of South Africa* 15: 379–381.
 (2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.
 (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 41.

haplocladioides Dixon

Perennial. Bryophyte, epiphyte. Length 6–12 mm. Alt 1200–2000 m. NW, M, FS, KZN, EC

patentifolia Dixon

Perennial. Bryophyte, occ. epiphyte. Length up to 50 mm. Alt ± 700–2100 m. LIM, M, S, FS, KZN, EC

pseudoleskeoides Dixon

Perennial. Bryophyte, epiphyte. Length up to 75 mm.

Alt 15–2100 m. LIM, G, M, FS, KZN, L, WC

viridis Dixon

Perennial. Bryophyte, occ. epiphyte. Length 5–15 mm. Alt 300–1500 m. LIM, G, M, S, FS, KZN, EC

PSEUDOLESKEA Bruch & Schimp. 9771900

- (1) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.
 (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 416

claviramea (Müll.Hal.) A.Jaeger = **Pseudoleskeopsis claviramea****leskeoides** (Paris) Müll.Hal.

Perennial. Bryophyte, occ. epiphyte. Length up to 50 mm. Alt 600–2800 m. LIM, G, M, KZN, L, EC

PSEUDOLESKEOPSIS Broth. 9772000

- (1) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.
 (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 41, 42.
 (3) O'Shea. 1995. *Tropical Bryology* 10: 91–198.

claviramea (Müll.Hal.) Thér.

Pseudoleskea claviramea (Müll.Hal.) A.Jaeger (1, 3)
 Perennial. Bryophyte, occ. epiphyte. Length up to 50 mm. Alt 60–2500 m. LIM, NW, G, M, FS, KZN, L, WC, EC

pseudo-attenuata (Müll.Hal.) Thér.

Perennial. Bryophyte, occ. epiphyte. Length? Alt 150–2200 m. M, KZN, L, WC, EC

unilateralis Dixon

Perennial. Bryophyte. Length? Alt? EC

LEUCOBRYACEAE

Compiled by J. van Rooy

LEUCOBRYUM Hampe 9739500

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 156–159.
 (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 22.
 (3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 100.

acutifolium (Mitt.) Cardot

Perennial. Bryophyte, occ. epiphyte. Ht 5–10 mm. Alt

50–1970 m. LIM, M, S, KZN, WC, EC

madagassum Besch.

Perennial. Bryophyte. Ht 10–40 mm. Alt 1200–1950 m. LIM, M, S

rehmannii Müll.Hal.

Perennial. Bryophyte, occ. epiphyte. Ht 10–20 mm. Alt ± 400 m. WC, EC

LEUCODONTACEAE

Compiled by J. van Rooy

- FELIPPONEA** Broth. 9762550 *assimilis* (Müll.Hal.) A.Jaeger var. *humilis* Sim =
Felipponea assimilis
- (1) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 553–556.
(2) O'Shea. 2001. *Tropical Bryology* 20: 43–49.
- assimilis** (Müll.Hal.) O'Shea
Leucodon assimilis (Müll.Hal.) A.Jaeger (2)
Leucodon assimilis (Müll.Hal.) A.Jaeger var. *humilis* Sim (2)
Perennial. Bryophyte, epiphyte. Length 40–100 mm.
Alt 20–2000 m. LIM, M, S, FS, KZN, WC, EC
- LEUCODON** Schwägr. 9762600
assimilis (Müll.Hal.) A.Jaeger = **Felipponea assimilis**
- PTEROGONIUM** Sw. 9762700
- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 38.
(2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 556, 557.
- gracile** (Hedw.) Sm.
Perennial. Bryophyte, occ. epiphyte. Length 15–35 mm. Alt up to 1500 m. LIM, M, KZN, WC, EC

MEESIACEAE

Compiled by J. van Rooy

- LEPTOBRYUM** (Schimp.) Wilson 9750400 **pyriforme** (Hedw.) Wilson
- (1) Magill. 1987. *FSA Bryophyta* 1,2: 355–357.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 32.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 103.
(4) Arts. 2001. *Journal of Bryology* 23: 325–330.
- Perennial. Bryophyte. Ht up to 25 mm. Alt up to 2591 m. KZN, L, WC, EC
- wilsonii** (Mitt.) Broth.
Pohlia integra (Cardot) A.J.Shaw (4)
Perennial. Bryophyte. Ht up to 30 mm. Alt ± 1650 m. L

METEORACEAE

Compiled by J. van Rooy

- AEROBRYOPSIS** M.Fleisch. 9765300 **PILOTRICHELLA** (Müll.Hal.) 9765600
Besch.
- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 39.
(2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 579–581.
- capensis** (Müll.Hal.) M.Fleisch.
Perennial. Bryophyte, epiphyte. Length up to 200 mm.
Alt 50–1800 m. LIM, M, KZN, NC, WC, EC
- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 39.
(2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 575–578.
- pandurifolia** (Müll.Hal.) A.Jaeger
Perennial. Bryophyte, occ. epiphyte. Length 20–150 mm. Alt 50–1800 m. LIM, M, S, KZN, EC
- FLORIBUNDARIA** M.Fleisch. 9765400 **SQUAMIDIUM** (Müll.Hal.) Broth. 9765700
- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 39.
(2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 583, 584.
- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 39.
(2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 578, 579.
- floribunda** (Dozy & Molk.) M.Fleisch.
Perennial. Bryophyte, occ. epiphyte. Length 10–40 mm.
Alt 950–2150 m. LIM, M, KZN
- biforme** (Hampe) Broth. = **S. brasiliense**
- brasiliense** (Hornsch.) Broth.
S. biforme (Hampe) Broth. (2)
Perennial. Bryophyte, epiphyte. Length up to 200 mm.
Alt 100–2120 m. LIM, NW, M, S, KZN, WC, EC
- PAPILLARIA** (Müll.Hal.) Lorentz 9765500 **TRACHYPODOPSIS** M.Fleisch. 9763700
- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 39.
(2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 582, 583.
- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 38.
(2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 560–564.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 112.
- africana** (Müll.Hal.) A.Jaeger
Perennial. Bryophyte, epiphyte. Length up to 400 mm.
Alt 50–2050 m. LIM, M, S, KZN, WC, EC

serrulata (P.Beauv.) M.Fleisch.

Perennial. Bryophyte, epiphyte. Length 20–100 mm.
Alt 1050–1970 m. M

TRACHYPUS Reinw. & Hornsch. 9763800

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 38.

(2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 560–564.

(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 112.

bicolor Reinw. & Hornsch. var. **viridulus** (Mitt.) Zanten

Perennial. Bryophyte, occ. epiphyte. Length up to 50 mm.
Alt 300–1640 m. M, KZN

MNIACEAE

Compiled by J. van Rooy

MIELICHHOFERIA Nees & Hornsch. 9750500

(1) Magill. 1987. *FSA Bryophyta* 1,2: 338–341.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 32.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 105.

bryoides (Harv.) Wijk & Margad.

Perennial. Bryophyte. Ht 2–10 mm. Alt 150–3200 m.
LIM, NW, G, M, FS, KZN, L, WC, EC

subnuda Sim

Perennial. Bryophyte. Ht 2–5 mm. Alt 750–2600 m.
FS, KZN, L, EC

PLAGIOMNIUM T.J.Kop. 9752200

(1) Magill. 1987. *FSA Bryophyta* 1,2: 395–397.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 33.

rhynchophorum (Hook.) T.J.Kop. var. **reidii** (Dixon) T.J.Kop.

Perennial. Bryophyte. Length up to 40 mm. Alt 50–3000 m. M, FS, KZN, L, WC, EC

POHLIA Hedw. 9750900

(1) Magill. 1987. *FSA Bryophyta* 1,2: 349–354.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 32.
(3) Arts. 1995. *Journal of Bryology* 18: 791–796.
(4) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 105.

baronii Wijk & Margad.

Perennial. Bryophyte. Ht 5–20 mm. Alt 1075–3200 m.
LIM, G, M, KZN, L

cruda (Hedw.) Lindb.

Perennial. Bryophyte. Ht 5–30 mm. Alt 2425–3270 m.
KZN, L

elongata Hedw.

Perennial. Bryophyte. Ht 5–20 mm. Alt 450–3240 m.
LIM, NW, G, M, FS, KZN, L, WC, EC

integra (Cardot) A.J.Shaw = **Leptobryum wilsonii****nutans** (Hedw.) Lindb.

Perennial. Bryophyte. Ht 10–30 mm. Alt ± 750–1680 m.
WC, EC

MYRINIACEAE

Compiled by J. van Rooy

HELICODONTIUM (Mitt.) A.Jaeger 9769800

(1) Sim. 1926. *The bryophyta of South Africa*: 366.
(2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 41.

(4) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 112.

lanceolatum (Hampe & Müll.Hal.) A.Jaeger

Perennial. Bryophyte, epiphyte. Length 25–75 mm.
Alt 60–1200 m. M, KZN, WC, EC

NECKERACEAE

Compiled by J. van Rooy

NECKERA Hedw. 9766800

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 39.
(2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 590, 591.

valentiniana Besch.

Perennial. Bryophyte, epiphyte. Length 40–60 mm.
Alt 20–2000 m. LIM, NW, M, KZN, WC, EC

PINNATELLA M.Fleisch. 9767300

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 39.
(2) Enroth. 1994. *Acta Botanica Fennica* 151: 32–37.
(3) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 592, 593.
(4) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 117.

minuta (Mitt.) Broth.

Perennial. Bryophyte. Length 8–12 mm. Alt 1075–1375 m. KZN

POROTHAMNIUM M.Fleisch. 9767400

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 40.
 (2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 593–596.
 (3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 117.

stipitatum (Mitt.) Touw ex De Sloover

Perennial. Bryophyte, epiphyte. Length up to 120 mm. Alt 50–1800 m. LIM, M, S, KZN, WC, EC

POROTRICHUM (Brid.) Hampe 9767500

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 40.

(2) Enroth & Hodgetts. 1996. *Journal of Bryology* 19: 135–141.

(3) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 459–461.

(4) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 117.

elongatum (Welw. & Duby) A.Gepp

Perennial. Bryophyte, epiphyte. Length 30–120 mm. Alt ± 1200–1500 m. LIM, M, KZN

madagassum Kiaer ex Besch.

Perennial. Bryophyte, epiphyte. Length 60–100 m. Alt 50–2400 m. LIM, M, S, FS, KZN, WC, EC

molliculum Broth. = **P. usagarum****usagarum** Mitt.

P. molliculum Broth. (2, 3)

Perennial. Bryophyte, epiphyte. Length up to 120 mm. Alt 300–1800 m. LIM, M, KZN, EC

ORTHODONTIACEAE

Compiled by J. van Rooy

ORTHODONTIUM Schwägr. 9750700

- (1) Magill. 1987. *FSA Bryophyta* 1,2: 336, 337.
 (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 32.

(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 104.

lineare Schwägr.

Perennial. Bryophyte. Ht 1–5 mm. Alt 100–500 m. KZN, WC

ORTHOTRICHACEAE

Compiled by J. van Rooy

CARDOTIELLA Vitt 9758000

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 36.
 (2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 524–526.

secunda (Müll.Hal.) Vitt

Macromitrium secundum Müll.Hal. (2)

Perennial. Bryophyte, epiphyte. Length up to 70 mm. Alt 20–750 m. KZN, WC, EC

MACROCOMA (Hornsch. ex Müll.Hal.) Grout 9758100

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 36.
 (2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 506–511.

lycopodioides (Schwägr.) Vitt

Perennial. Bryophyte, epiphyte. Length up to 90 mm. Alt 50–2200 m. LIM, M, S, FS, KZN, WC, EC

pulchella (Hornsch.) Vitt

Perennial. Bryophyte, epiphyte. Length up to 50 mm. Alt ± 450–600 m. WC

tenuis (Hook. & Grev.) Vitt subsp. **tenuis**

Macromitrium confusum Mitt. (2)

Perennial. Bryophyte, epiphyte. Length up to 150 mm. Alt 10–3000 m. LIM, M, S, FS, KZN, L, WC, EC

MACROMITRIUM Brid. 9758200

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 36.

(2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 511–519.

confusum Mitt. = **Macrocoma tenuis** subsp. **tenuis****lebomboense** Van Rooy

Perennial. Bryophyte, epiphyte. Length up to 80 mm. Alt 5–340 m. KZN, EC

levatum Mitt.

Perennial. Bryophyte, epiphyte. Length up to 140 mm. Alt 600–1970 m. LIM, M, KZN, EC

macropelma Müll.Hal.

Perennial. Bryophyte, occ. epiphyte. Length up to 60 mm. Alt up to 500 m. WC

richardii Schwägr.

Perennial. Bryophyte, epiphyte. Length? Alt 30–500 m. KZN, WC, EC

secundum Müll.Hal. = **Cardotiella secunda****serpens** (Bruch ex Hook. & Grev.) Brid.

Perennial. Bryophyte, epiphyte. Length up to 100 mm. Alt 100–800 m. KZN, WC, EC

ORTHOTRICHUM Hedw. 9758300

- (1) Lewinsky. 1978. *Botanisk Tidsskrift* 72: 61–85.
 (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 36.
 (3) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 490–502.

armatum Lewinsky & Van Rooy

Perennial. Bryophyte, epiphyte. Ht 10–15 mm. Alt ± 1580 m. EC

diaphanum (Schrad. ex Brid.) Lindb.*O. piliferum* Schimp. ex Sim, illegitimate name (2)

Perennial. Bryophyte, epiphyte. Ht up to 13 mm. Alt 10–1700 m. M, FS, KZN, L, NC, WC, EC

firmum Venturi

Perennial. Bryophyte, epiphyte. Ht 15–25 mm. Alt ± 1050–1524 m. LIM, KZN, EC

incurvomarginatum Lewinsky & Van Rooy

Perennial. Bryophyte, epiphyte. Ht 8–26 mm. Alt 600–1006 m. NC, WC

macleai Rehmman ex Sim = **O. rupestre***mirum* Lewinsky = **Stoneobryum mirum****oreophilum** Lewinsky & Van Rooy

Perennial. Bryophyte. Ht 10–28 mm. Alt 3012–3270 m. L

piliferum Schimp. ex Sim, illegitimate name = **O. diaphanum****rupestre** Schleich. ex Schwäger.*O. macleai* Rehmman ex Sim (1)

Perennial. Bryophyte, occ. epiphyte. Ht 5–40 mm. Alt ± 1250–3100 m. KZN, L, WC, EC

subexsertum Schimp. ex Müll.Hal.

Perennial. Bryophyte, epiphyte. Ht 5–18 mm. Alt 50–2100 m. KZN, L, WC, EC

transvaaliense Rehmman ex Sim

Perennial. Bryophyte, epiphyte. Ht 3–13 mm. Alt ± 1700 m. LIM, FS, KZN

SCHLOTHEIMIA Brid. 9758400(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 36.(2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 519–524.**ferruginea** (Bruch ex Hook. & Grev.) Brid.

Perennial. Bryophyte, epiphyte. Length up to 120 mm. Alt 50–2150 m. LIM, M, S, KZN, WC, EC

percuspadata Müll.Hal.

Perennial. Bryophyte, epiphyte. Length up to 70 mm. Alt 800–2050 m. LIM, M, KZN, WC

rufopallens Müll.Hal.

Perennial. Bryophyte, epiphyte. Length up to 70 mm. Alt 20–2150 m. LIM, KZN, WC, EC

STONEOBRYUM D.H.Norris & H.Rob. 9758500(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 37.(2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 502, 503.**mirum** (Lewinsky) D.H.Norris & H.Rob.*Orthotrichum mirum* Lewinsky (2)

Perennial. Bryophyte, epiphyte. Ht up to 15 mm. Alt 1075–1850 m. KZN

ULOTA D.Mohr 9758600(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 36.(2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 504, 505.**ecklonii** (Hornsch.) A.Jaeger

Perennial. Bryophyte, epiphyte. Ht up to 18 mm. Alt ± 1000 m. WC

ZYGODON Hook. & Taylor 9758700(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 36.(2) Arts. 1998. *Journal of Bryology* 20: 429–447.(3) Magill & Van Rooy. 1998. *FSA Bryophyta*: 477–486.**corralensis** Lorentz

Perennial. Bryophyte. Ht? Alt ± 400 m. WC

dixonii Sim

Perennial. Bryophyte. Ht up to 8 mm. Alt ± 2150 m. KZN

erosus Mitt.

Perennial. Bryophyte, epiphyte. Ht up to 50 mm. Alt 700–2150 m. M, KZN

intermedius Bruch & Schimp.*Z. transvaaliensis* Rehmman ex Sim (3)

Perennial. Bryophyte, epiphyte. Ht up to 25 mm. Alt 920–2860 m. LIM, M, KZN, L, EC

leptobolax Müll.Hal.

Perennial. Bryophyte, epiphyte. Ht up to 11 mm. Alt ± 900 m. WC

runcinatus Müll.Hal.

Perennial. Bryophyte. Ht up to 40 mm. Alt 450–1000 m. WC

simii Dixon = **Leptodontium viticulosoides***transvaaliensis* Rehmman ex Sim = **Z. intermedius****trichomitrius** Hook. & Wilson

Perennial. Bryophyte, epiphyte. Ht up to 40 mm. Alt 800–2050 m. LIM, M, KZN, WC, EC

PILOTRICHACEAE

Compiled by J. van Rooy

CALLICOSTELLA (Müll.Hal.) Mitt. 9768100(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 40.(2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 604, 605.(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 107.**tristis** (Müll.Hal.) Broth.

Perennial. Bryophyte, occ. epiphyte. Length 15–30 mm. Alt ± 10–1500 m. LIM, G, M, S, KZN, WC, EC

CYCLODICTYON Mitt. 9768300(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 40.(2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 605–608.(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 107.**vallis-gratiae** (Hampe ex Müll.Hal.) Kuntze

Perennial. Bryophyte. Ht 10–30 mm. Alt 100–1550 m. LIM, NW, G, M, KZN, WC, EC

HOOKERIOPSIS (Besch.) A.Jaeger 9768600

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 40.
- (2) Lin & Tan. 1995. *Harvard Papers in Botany* 7: 25–68.
- (3) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 605–608.
- (4) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 107.

pappeana (Hampe) A.Jaeger = **H. utacamundiana**

utacamundiana (Mont.) Broth.

H. pappeana (Hampe) A.Jaeger (2)

Perennial. Bryophyte, occ. epiphyte. Length 10–30 mm.
Alt 50–1750 m. LIM, M, S, KZN, WC, EC

LEPIDOPILIDIUM (Müll.Hal.) 9768800
Broth.

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 41.
- (2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 609–612.
- (3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 107.

hanningtonii (Mitt.) Broth.

Perennial. Bryophyte, epiphyte. Length 20–40 mm.
Alt 560–1300 m. M, S, KZN, EC

PLAGIOTHECIACEAE

Compiled by J. van Rooy

PLAGIOTHECIUM Bruch & Schimp. 9777300

- (1) Sim. 1926. *The bryophyta of South Africa*: 431, 432.
- (2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 20.
- (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 44.

membranosulum Müll.Hal.

Perennial. Bryophyte. Length up to 75 mm. Alt 250–1900 m. M, KZN, L, WC

rhynchostegioides Müll.Hal.

Perennial. Bryophyte, occ. epiphyte. Length 50–100 mm. Alt 12–2400 m. G, KZN, WC, EC

POLYTRICHACEAE

Compiled by J. van Rooy

ATRICHUM P.Beauv. 9781100

- (1) Fanshawe. 1980. *A revision of the southern African species of Polytrichaceae*: 26–29.
- (2) De Sloover. 1986. *Bulletin du Jardin Botanique National de Belgique* 56: 241–300.
- (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 45, 46.

androgynum (Müll.Hal.) A.Jaeger

Perennial. Bryophyte. Ht up to 53 mm. Alt 150–2104 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

OLIGOTRICHUM DC. 9781200

- (1) Fanshawe. 1980. *A revision of the southern African species of Polytrichaceae*: 64–77.
- (2) De Sloover. 1986. *Bulletin du Jardin Botanique National de Belgique* 56: 241–300.
- (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 46.

afrolaevigatum (Dixon) G.L.Sm.

Perennial. Bryophyte. Ht 3–7 mm. Alt 1500–2400 m. KZN, L

capense Schelpe & Fanshawe

Perennial. Bryophyte. Ht 6–10 mm. Alt 300–2800 m. KZN, WC

tetragonum Schelpe & Fanshawe

Perennial. Bryophyte. Ht 10–15 mm. Alt ± 1000 m. WC

wageri (Broth.) G.L.Sm.

Perennial. Bryophyte. Ht 3–5 mm. Alt ± 2800 m. FS, KZN

POGONATUM P.Beauv. 9781300

- (1) Fanshawe. 1980. *A revision of the southern African species of Polytrichaceae*: 30–44.
- (2) De Sloover. 1986. *Bulletin du Jardin Botanique National de Belgique* 56: 241–300.
- (3) Hyvönen. 1989. *Acta Botanica Fennica* 138: 1–87.
- (4) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 46.

belangeri (Müll.Hal.) A.Jaeger

Perennial. Bryophyte. Ht? Alt up to 2200 m. LIM, M

borgenii (Hampe) A.Jaeger = **P. capense**

capense (Hampe) A.Jaeger

P. borgenii (Hampe) A.Jaeger (2, 3)

Polytrichum transvaaliense Müll.Hal. (1)

Perennial. Bryophyte. Ht up to 16 mm. Alt 300–2100 m. LIM, NW, G, M, S, KZN, WC, EC

oligodus (Kunze ex Müll.Hal.) Mitt. = **P. perichaetiale** subsp. **oligodus**

perichaetiale subsp. **oligodus** (Kunze ex Müll.Hal.) Hyvönen

P. oligodus (Kunze ex Müll.Hal.) Mitt. (3)

P. simense (Bruch & Schimp. ex Müll.Hal.) A.Jaeger (3)

Polytrichum natalense Sim (1, 2, 3)

Perennial. Bryophyte. Ht up to 12 mm. Alt 1200–3200 m. M, FS, KZN, L

simense (Bruch & Schimp. ex Müll.Hal.) A.Jaeger = **P. perichaetiale** subsp. **oligodus**

usambaricum (Broth.) Paris

Perennial. Bryophyte. Ht? Alt ± 900 m. LIM

POLYTRICHASTRUM G.L.Sm. 9781400

- (1) Fanshawe. 1980. *A revision of the southern African species of Polytrichaceae*: 59–63.
- (2) De Sloover. 1986. *Bulletin du Jardin Botanique National de Belgique* 56: 241–300.
- (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 46.

formosum (Hedw.) G.L.Sm.

Perennial. Bryophyte. Ht up to 17 mm. Alt? WC

POLYTRICHUM Hedw. 9781500

- (1) Fanshawe. 1980. *A revision of the southern African species of Polytrichaceae*: 45–58.
- (2) De Sloover. 1986. *Bulletin du Jardin Botanique National de Belgique* 56: 241–300.
- (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 46.

commune Hedw.

P. commune Hedw. var. *trichodes* (Müll.Hal.) Dixon (1)

Perennial. Bryophyte. Ht 25–237 mm. Alt 300–2800 m.

LIM, NW, G, M, S, FS, KZN, L, WC, EC

commune Hedw. var. *trichodes* (Müll.Hal.) Dixon = **P. commune**

juniperinum Hedw.

Perennial. Bryophyte. Ht up to 30 mm. Alt ± 1200–1700 m. FS, L, WC, EC

natalense Sim = **Pogonatum perichaetiale** subsp. **oligodus**

piliferum Hedw.

Perennial. Bryophyte. Ht up to 30 mm. Alt 457–2400 m. L, NC, WC, EC

subformosum Besch. = **P. subpilosum** P.Beauv.

subpilosum P.Beauv.

P. subformosum Besch. (2)

Perennial. Bryophyte. Ht up to 25 mm. Alt ± 800–1900 m. M, S, WC

transvaaliense Müll.Hal. = **Pogonatum capense**

POTTIACEAE

Compiled by J. van Rooy

ACAULON Müll.Hal. 9742100

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 198–201.
- (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 24.
- (3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 279, 280.
- (4) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 133–155.

leucochaete I.G.Stone

Annual. Bryophyte. Ht up to 0.5 mm. Alt ± 850–1150 m. NC, WC

recurvatum Magill

Annual. Bryophyte. Ht up to 0.5 mm. Alt up to 1100 m. NC, WC

robustum Broth. ex G.Roth

Annual. Bryophyte. Ht? Alt ± 1600 m. L

rufochaete Magill = **Microbryum rufochaete**

uleanum Müll.Hal.

Annual. Bryophyte. Ht? Alt ± 1600 m. L

ALOINA Kindb. 9742200

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 193, 194.
- (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 24.
- (3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 280.
- (4) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 133–155.

bifrons (De Not.) Delgad.

Annual. Bryophyte. Ht up to 3 mm. Alt 500–1450 m. NC, WC

brevirostris (Hook. & Grev.) Kindb.

Annual. Bryophyte. Ht? Alt ± 1600 m. L

ANOECTANGIUM Schwägr. 9742300

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 179–181.
- (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 24.
- (3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 280, 281.

wilmsianum (Müll.Hal.) Paris

Perennial. Bryophyte. Ht 5–20 mm. Alt 1000–3100 m. LIM, M, FS, KZN, L, EC

BARBULA Hedw. 9742500

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 236–246.
- (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 24.
- (3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 282–292.
- (4) Sollman. 1993. *Tropical Bryology* 8: 175–179.
- (5) Frahm *et al.* 1996. *Tropical Bryology* 12: 123–153.
- (6) Arts. 1998. *Journal of Bryology* 20: 429–447.
- (7) Sollman. 1998. *Tropical Bryology* 14: 21–24.

acutata Müll.Hal. = **Pseudocrossidium replicatum**

afrofontana (Müll.Hal.) Broth. = **B. bolleana**

bolleana (Müll.Hal.) Broth.

B. afrofontana (Müll.Hal.) Broth. (4, 5)

B. ehrenbergii (Lorentz) M.Fleisch. (5)

Perennial. Bryophyte. Ht up to 50 mm. Alt 3–1650 m. N, NW, G, M, S, KZN, EC

calycina Schwägr.

Perennial. Bryophyte. Ht 10–20 mm. Alt? WC

convoluta Hedw.

Perennial. Bryophyte. Ht? Alt 50–830 m. WC

circinalis Müll.Hal. = **Tortula atrovirens**

crinita Schultz = **Pseudocrossidium crinitum**

ehrenbergii (Lorentz) M.Fleisch. = **B. bolleana**

eubryum Müll.Hal.

Perennial. Bryophyte. Ht 10–15 mm. Alt ± 600–1650 m. LIM, NW, G, M, S, KZN

hornschuchiana Schultz = **Pseudocrossidium hornschuchianum**

indica (Hook.) Spreng.

B. rehmannii Müll.Hal. (4)

Semibarbula orientalis (F.Weber) Wijk & Margad. (1, 3)

Tortula rehmannii (Müll.Hal.) Sim (4)

- Perennial. Bryophyte. Ht 2–8 mm. Alt up to 1700 m.
LIM, G, M, S, KZN, L, WC, EC
- lepto-tortella* Müll.Hal. = **Trichostomum tenuirostre microcalycina** Magill
Perennial. Bryophyte. Ht 8–20 mm. Alt 1500–3240 m.
FS, KZN, L
- parvula* (Hook. & Grev.) Spreng. = **Tortula atrovirens rehmannii** Müll.Hal. = **B. indica**
- torquatifolia* Geh. = **Pseudocrossidium porphyreoneurum**
- torquescens* Schimp. ex Müll.Hal. = **Pseudocrossidium crinitum unguiculata** Hedw.
Perennial. Bryophyte. Ht? Alt 150–1800 m. WC
- BRYOERYTHROPHYLLUM** 9742600
P.C.Chen
- (1) Magill. 1981. *FSA Bryophyta* 1,1: 246–249.
(2) Zander. 1986. *The Bryologist* 89: 13–16.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 28.
(4) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 292, 293.
- campylocarpum** (Müll.Hal.) H.A.Crum
Didymodon afrorubellus Broth. & Wager (4)
Perennial. Bryophyte. Ht 2–15 mm. Alt 20–3200 m.
LIM, NW, G, M, FS, KZN, L, WC, EC
- recurvirostrum** (Hedw.) P.C.Chen
Perennial. Bryophyte. Ht up to 20 mm. Alt 1850–3240 m. KZN, L, EC
- CHENIA** R.H.Zander 9742650
- (1) Magill. 1981. *FSA Bryophyta* 1,1: 204.
(2) Zander. 1989. *Phytologia* 65: 424–436.
(3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 26.
(4) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 293.
- leptophylla** (Müll.Hal.) R.H.Zander
Phascum leptophyllum Müll.Hal. (1, 4)
Annual, occ. perennial. Bryophyte. Ht 2–5 mm. Alt 40–1450 m. B, LIM, G, M, KZN, L, WC, EC
- CROSSIDIUM** Jur. 9742700
- (1) Magill. 1981. *FSA Bryophyta* 1,1: 195–197.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 24, 25.
(3) Cano *et al.* 1993. *Plant Systematics and Evolution* 188: 219–221.
- apiculatum* Magill = **Microcrossidium apiculatum spiralifolium** Magill
Annual. Bryophyte. Ht up to 2 mm. Alt ± 1000 m. N, NC
- DESMATODON** Brid. = **TORTULA** 9742800
- bogosicus* Müll.Hal. = **Tortula bogosica convolutus** (Brid.) Grout = **Tortula atrovirens longipedunculatus** (Müll.Hal.) Magill = **Hennediella longipedunculata**
- DIDYMODON** Hedw. 9742900
- (1) Zander. 1978. *Phytologia* 41: 21.
(2) Magill. 1981. *FSA Bryophyta* 1,1: 233–236.
(3) Guerra & Ros. 1987. *Cryptogamie, Bryology* 8: 47–68.
(4) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 25.
- (5) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 295–300.
- afrorubellus* Broth. & Wager = **Bryoerythrophyllum campylocarpum australasii** (Hook. & Grev.) R.H.Zander
Trichostomopsis australasiae (Hook. & Grev.) H.Rob. (1, 5)
Perennial. Bryophyte. Ht up to 10 mm. Alt 100–2025 m. N, M, FS, KZN, L, NC, WC
- capensis* Spreng. = **Tortula atrovirens ceratodonteus** (Müll.Hal.) Dixon
Perennial. Bryophyte. Ht 10–50 mm. Alt 300–3000 m.
N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC
- jackvancei** R.H.Zander
Husnotiella plicata Magill (5)
Perennial. Bryophyte. Ht 3–4 mm. Alt ± 2400 m. L
- tophaceopsis** R.H.Zander
Gyroweisia amplexicaulis Sim (2, 5)
Husnotiella latifolia (Dixon) R.H.Zander & Magill (5)
Perennial. Bryophyte. Ht 3–4 mm. Alt ± 1500 m. N, FS, KZN, NC
- trivialis** (Müll.Hal.) J.Guerra
Trichostomopsis trivialis (Müll.Hal.) H.Rob. (3, 5)
Perennial. Bryophyte. Ht up to 10 mm. Alt ± 1300 m.
FS, KZN, L, NC, EC
- xanthocarpus** (Müll.Hal.) Magill
Perennial. Bryophyte. Ht 10–20 mm. Alt 5–2150 m.
G, KZN, L, NC, WC, EC
- GYMNOSTOMUM** Nees & 9743100
Hornsch.
- (1) Magill. 1981. *FSA Bryophyta* 1,1: 183–186.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 25.
(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 301, 302.
- aeruginosum** Sm.
Perennial. Bryophyte. Ht up to 3 mm. Alt 1500–2450 m. M, FS, KZN, L, NC, WC, EC
- bewsii** Sim
Perennial. Bryophyte. Ht 5–20 mm. Alt 1500–3240 m.
M, FS, KZN, L, EC
- lingulatum** Rehmann ex Sim
Perennial. Bryophyte. Ht 20–30 mm. Alt ± 1400 m.
LIM
- GYROWEISIA** Schimp. 9743200
amplexicaulis Sim = **Didymodon tophaceopsis**
- HENNEDIELLA** Paris 9743250
- (1) Magill. 1981. *FSA Bryophyta* 1,1: 210–212.
(2) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 303.
- longipedunculata** (Müll.Hal.) R.H.Zander
Desmatodon longipedunculatus (Müll.Hal.) Magill (2)
Tortula deserta (Müll.Hal.) Broth. (1, 2)
Perennial. Bryophyte. Ht 2–4 mm. Alt 250–1500 m.
N, WC
- HUSNOTIELLA** Cardot 9743300
latifolia (Dixon) R.H.Zander & Magill = **Didymodon tophaceopsis**

plicata Magill = **Didymodon jackvancei**

HYMENOSTYLIUM Brid. 9743500

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 182, 183.
- (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 25, 26.
- (3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 306, 307.

recurvirostre (Hedw.) Dixon

Perennial. Bryophyte. Ht 10–20 mm. Alt 500–3350 m.
M, FS, KZN, L, NC, EC

HYOPHILA Brid. 9743600

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 228–230.
- (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 26.
- (3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 307–309.

baginsensis Müll.Hal.

Perennial. Bryophyte. Ht up to 6 mm. Alt 300–1554 m.
N, LIM, NW, M, KZN

involuta (Hook.) A.Jaeger

Perennial. Bryophyte. Ht 5–15 mm. Alt 600–2200 m.
LIM, NW, M, S, KZN, L

HYPODONTIUM Müll.Hal. 9740900

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 170–172.
- (2) Reese & Zander. 1988. *The Bryologist* 91: 18–20.
- (3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 309.

dregei (Hornsch.) Müll.Hal.

Perennial. Bryophyte, occ. epiphyte. Ht 10–30 mm.
Alt ± 150–1350 m. LIM, NW, G, M, S, FS,
KZN, L, NC, WC, EC

pomiforme (Hook.) Müll.Hal.

Perennial. Bryophyte, occ. epiphyte. Ht 20–50 mm.
Alt ± 1700 m. LIM, M, KZN, WC, EC

LEPTODONTIUM (Müll.Hal.) 9743700
Hampe ex Lindb.

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 228–230.
- (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 26.
- (3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 309–312.
- (4) Sollman. 1993. *Tropical Bryology* 8: 175–179.
- (5) Sollman. 1998. *Tropical Bryology* 14: 21–24.
- (6) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 133–155.

brachyphyllum Broth. & Thér.

Perennial. Bryophyte. Ht 20–80 mm. Alt 1400–3100 m.
M, S, KZN, L, WC

flexifolium (Dicks.) Hampe

Perennial. Bryophyte. Ht? Alt 3100–3300 m. L

longicaule Mitt.

Perennial. Bryophyte. Ht 10–80 mm. Alt 1000–2000 m.
LIM, M, S, KZN

proliferum Herzog

Perennial. Bryophyte. Ht? Alt 2600–3050 m. L

viticulosoides (P.Beauv.) Wijk & Margad.

Zygodon simii Dixon (1)
Perennial. Bryophyte, occ. epiphyte. Ht 20–80 m. Alt
1200–1970 m. LIM, M, KZN

MICROBRYUM Schimp. 9743730

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 177–268.

- (2) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 313.

davallianum (Sm.) R.H.Zander var. **conicum** (Schleich.
ex Schwägr.) R.H.Zander

Pottia macowaniana Müll.Hal. (2)

Annual, occ. perennial. Bryophyte. Ht up to 1 mm. Alt
± 150–1000 m. NC, WC, EC

rufochaete (Magill) R.H.Zander

Acaulon rufochaete Magill (2)

Annual. Bryophyte. Ht up to 1 mm. Alt ± 150 m. NC, WC

subplanomarginatum (Dixon) R.H.Zander

Pottia subplanomarginata Dixon (2)

Annual, occ. perennial. Bryophyte. Ht 1–2 mm. Alt ±
1000–1500 m. N, L, WC, EC

MICROCROSSIDIUM J.Guerra 9743750
& Cano

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 195–197.
- (2) Cano *et al.* 1993. *Plant Systematics and Evolution* 188: 233.

apiculatum (Magill) J.Guerra & Cano

Crossidium apiculatum Magill (2)

Annual. Bryophyte. Ht up to 1 mm. Alt ± 150 m. WC

MOLENDOA Lindb. 9743760

- (1) Sollman. 1998. *Tropical Bryology* 14: 21–24.

sendtneriana (Bruch & Schimp.) Limpr.

Perennial. Bryophyte. Ht? Alt ± 2600 m. L

OXYSTEGUS (Limpr.) Hilp. 9743800
= **TRICHOSTOMUM**

cylindricus (Bruch ex Brid.) Hilp. = **Trichostomum
tenuirostre**

tenuirostris (Hook. & Taylor) A.J.E.Sm. = **Trichostomum
tenuirostre**

PHASCONICA Müll.Hal. 9743900
= **WEISSIA**

tisserantii P.de la Varde = **Trichostomum unguicula-
tum**

PHASCUM Hedw. 9744000

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 202–204.
- (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 26.
- (3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 315–317.

leptophyllum Müll.Hal. = **Chenia leptophylla**

peraristatum Müll.Hal.

Annual, occ. perennial. Bryophyte. Ht up to 1 mm. Alt
± 600–1150 m. NC, WC, EC

PLAUBELIA Brid. 9744050

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 225.
- (2) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 317.

involuta (Magill) R.H.Zander

Weisiopsis involuta Magill (2)

Perennial. Bryophyte. Ht up to 3.5 mm. Alt ± 1000 m.
N, B

POTTIA Ehrh. ex Fűrnr. 9744100

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 204–209.
- (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 26.

- (3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 317–320.

macowaniana Müll.Hal. = **Microbryum davallianum**
var. **conicum**

namaquensis Magill

Annual, occ. perennial. Bryophyte. Ht 1–2 mm. Alt 540–850 m. NC

splachnoides (Hornsch.) Broth. = **Tortula splachnoides**
subplanomarginata Dixon = **Microbryum subplano-**
marginatum

PSEUDOCROSSIDIUM 9744200
R.S. Williams

- (1) Zander. 1979. *Phytologia* 44: 177–214.
(2) Magill. 1981. *FSA Bryophyta* 1,1: 177–268.
(3) Frey & Kürschner. 1988. *Cryptogamie, Bryologie* 9: 95–102.
(4) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 320, 321.

crinitum (Schultz) R.H.Zander

Barbula crinita Schultz (4)

Barbula torquescens Schimp. ex Müll.Hal. (2, 4)

Tortula pilifera Hook. (2, 4)

Tortula pilifera Hook. var. *longifolia* Sim (2, 4)

Perennial. Bryophyte. Ht up to 35 mm. Alt 5–2850 m.
N, LIM, G, M, FS, KZN, L, NC, WC, EC

hornschuchianum (Schultz) R.H.Zander

Barbula hornschuchiana Schultz (1, 4)

Perennial. Bryophyte. Ht 2–6 mm. Alt ± 150–600 m.
NC, WC

porphyreoneurum (Müll.Hal.) R.H.Zander

Barbula torquatifolia Geh. (2, 4)

Tortula porphyreoneura (Müll.Hal.) C.C.Towns. (4)

Perennial. Bryophyte. Ht 5–10 mm. Alt ± 300–1500
m. N, B, LIM, G, M, NC, WC

replicatum (Taylor) R.H.Zander

Barbula acutata Müll.Hal. (3)

Perennial. Bryophyte. Ht 8–15 mm. Alt 850–2250 m.
N, B, LIM, M, FS, KZN, L, NC

PSEUDOSYMBLEPHARIS Broth. 9744250

- (1) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 153.

angustata (Mitt.) Hilp.

Perennial. Bryophyte. Ht? Alt 1500–2300 m. KZN, L

PTERYGONEURUM Jur. 9744300

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 197, 198.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 26.
(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 321.

macleanum Warnst.

Perennial. Bryophyte. Ht up to 5 mm. Alt ± 1100 m.
NC, WC, EC

SEMIBARBULA Herzog ex Hilp. 9744400

orientalis (F.Weber) Wijk & Margad. = **Barbula indica**

SPLACHNOBRYUM Müll.Hal. 9744425

- (1) Arts. 1996. *Journal of Bryology* 19: 65–77.
(2) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 102.

obtusum (Brid.) Müll.Hal.

Perennial. Bryophyte. Ht up to 15 mm. Alt ± 950–1100
m. B

STREPTOCALYPTA Müll.Hal. 9744450

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 225.
(2) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 323.

pulchriretis (Dixon) R.H.Zander

Weisiopsis pulchriretis Dixon (2)

Perennial. Bryophyte. Ht 2–4 mm. Alt ± 2000 m. KZN

STREPTOPOGON (Taylor) 9744460
Wilson ex Mitt.

- (1) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 133–155.

erythrodonatus (Taylor) Wilson var. **rutenbergii** (Müll.Hal.)
E.S.Salmon

Perennial. Bryophyte, epiphyte. Ht? Alt 1500–2000 m.
KZN, L

SYNTRICHIA Brid. 9744500

- (1) Kramer. 1980. *Bryophytorum Bibliotheca* 21: 1–165.
(2) Magill. 1981. *FSA Bryophyta* 1,1: 212–221.
(3) Magill *et al.* 1983. *Annals of the Missouri Botanical Garden* 70: 200–202.
(4) Kramer. 1988. *Journal of the Hattori Botanical Laboratory* 65: 81–144.
(5) Ochyra. 1992. *Fragmenta Floristica et Geobotanica* 37: 211–214.
(6) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 323–326.
(7) Anderson. 1997. *Journal of the Hattori Botanical Laboratory* 82: 15–18.

ammonsiana (H.A.Crum & L.E.Anderson) Ochyra

Tortula ammonsiana H.A.Crum & L.E.Anderson (5, 6)

Perennial. Bryophyte, occ. epiphyte. Ht 10–15 mm.
Alt 100–2850 m. N, G, M, S, FS, KZN, L, NC,
WC, EC

antarctica (Hampe) R.H. Zander

Tortula antarctica (Hampe) Wilson (6)

Perennial. Bryophyte. Ht? Alt 10–2140 m. G, L, WC

austro-africana (W.A.Kramer) R.H.Zander

Tortula austro-africana W.A.Kramer (6)

Perennial. Bryophyte. Ht up to 20 mm. Alt ± 2400 m.
L, EC

chisosa (Magill, Delgad. & L.R.Stark) R.H.Zander

Tortula chisosa Magill, Delgad. & L.R.Stark (6)

Perennial. Bryophyte. Ht up to 6 mm. Alt ± 950–1150
m. N, LIM, M, L, NC, WC

fragilis (Taylor) Ochyra

Tortula brachyaichme (Müll.Hal.) Broth. (2, 6)

Tortula brevimumcronata (Müll.Hal.) Broth. (2, 6)

Tortula brevitubulosa Broth. (2, 6)

Tortula erubescens (Müll.Hal.) Broth., illegitimate name (2, 6)

Tortula exesa (Müll.Hal.) Broth. (2, 6)

Tortula fragilis Taylor (5)

Tortula hildebrandtii (Müll.Hal.) Broth. (2, 6)

Tortula irregularis Sim (2, 6)

Tortula macowaniana (Müll.Hal.) Broth. (2, 6)

Tortula oranica (Müll.Hal.) Broth. (2, 6)

Tortula schmidii (Müll.Hal.) Broth. (1, 6)

Perennial. Bryophyte, epiphyte. Ht 10–15 mm. Alt
25–2900 m. N, LIM, M, S, FS, KZN, L, NC,
WC, EC

leucostega (Müll.Hal.) R.H.Zander var. **leucostega**

Tortula afroruralis (Müll.Hal.) Broth. (4, 6)

Tortula leucostega (Müll.Hal.) Broth. var. *leucostega* (6)

Perennial. Bryophyte. Ht? Alt 250–2600 m. M, FS, L,
NC, WC

leucostega (Müll.Hal.) R.H.Zander var. **trachyneura**
(Dixon) R.H.Zander

Tortula leucostega (Müll.Hal.) Broth. var. *trachyneura* (Dixon) W.A.Kramer (6)
Perennial. Bryophyte. Ht? Alt 50–1700 m. M, FS, NC, WC, EC

magilliana L.E.Anderson
Perennial. Bryophyte. Ht 5–7 mm. Alt ± 600 m. NC

norvegica F.Weber var. **norvegica**
Tortula norvegica (F.Weber) Lindb. var. *norvegica* (6)
Perennial. Bryophyte. Ht? Alt 2550–2900 m. FS, KZN, L

pagorum (Milde) J.J.Amann
Tortula pagorum (Milde) De Not. (6)
Perennial. Bryophyte, epiphyte. Ht 2–4 mm. Alt 10–2450 m. LIM, NW, G, M, S, KZN, L, NC, WC, EC

papillosa (Wilson) Jur.
Tortula papillosa Wilson (6)
Tortula reticularia (Müll.Hal.) Broth. (2, 6)
Perennial. Bryophyte, epiphyte. Ht 2–8 mm. Alt 300–2100 m. N, FS, KZN, L, WC, EC

princeps (De Not.) Mitt.
Tortula muelleri Hook.f. & Wilson, illegitimate name (2, 6)
Tortula princeps De Not. (6)
Perennial. Bryophyte. Ht 10–30 mm. Alt ± 1650–2900 m. KZN, NC, WC, EC

rubella (Hook. & Wilson) R.H.Zander
Tortula rubella Hook. & Wilson (6)
Perennial. Bryophyte, occ. epiphyte. Ht? Alt ± 15 m. WC

ruralis (Hedw.) F.Weber & D.Mohr
Tortula ruralis (Hedw.) P.Gaertn., B.Mey. & Scherb. (6)
Tortula trachyneura Dixon (2, 6)
Perennial. Bryophyte. Ht 5–15 mm. Alt ± 150–3100 m. M, FS, KZN, L, NC, WC, EC

TETRAPTERUM Hampe ex 9744600
A.Jaeger
(1) Magill. 1981. *FSA Bryophyta* 1,1: 250, 251.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 26.
(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 326.

tetragonum (Hook.) A.L.Andrews
Perennial. Bryophyte. Ht 2–4 mm. Alt ± 150–1250 m. WC

TIMMIELLA (De Not.) Limpr. 9744700
(1) Magill. 1981. *FSA Bryophyta* 1,1: 253, 254.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 28.
(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 326.

pelindaba Magill
Perennial. Bryophyte. Ht up to 5 mm. Alt ± 1500–1650 m. NW, M, FS, L, EC

TORTELLA (Lindb.) Limpr. 9744800
(1) Magill. 1981. *FSA Bryophyta* 1,1: 255–259.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 26.
(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 326–328.

fragilis (Hook. & Wilson) Limpr.
Perennial. Bryophyte. Ht 30–40 mm. Alt 2350–3270 m. KZN, L, EC

humilis (Hedw.) Jenn.
Perennial. Bryophyte, occ. epiphyte. Ht up to 20 mm. Alt up to 3000 m. LIM, NW, G, M, S, KZN, L, WC, EC

xanthocarpa (Schimp ex Müll.Hal.) Broth.
Perennial. Bryophyte, occ. epiphyte. Ht 1–5 mm. Alt up to 3260 m. N, LIM, NW, G, M, S, FS, KZN, L, WC, EC

TORTULA Hedw. 9744900

- (1) Kramer. 1980. *Bryophytorum Bibliotheca* 21: 1–165.
- (2) Corley et al. 1981. *Journal of Bryology* 11: 619, 620.
- (3) Magill. 1981. *FSA Bryophyta* 1,1: 212–221.
- (4) Magill et al. 1983. *Annals of the Missouri Botanical Garden* 70: 200–202.
- (5) Kramer. 1988. *Journal of the Hattori Botanical Laboratory* 65: 81–144.
- (6) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 26, 27.
- (7) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 328–339.

afroruralis (Müll.Hal.) Broth. = **Syntrichia leucostega** var. **leucostega**

ammonsiana H.A.Crum & L.E.Anderson = **Syntrichia ammonsiana**

antarctica (Hampe) Wilson = **Syntrichia antarctica**

atrovirens (Sm.) Lindb.
Barbula circinalis Müll.Hal. (2, 3)
Barbula parvula (Hook. & Grev.) Spreng. (2, 3)
Desmatodon convolutus (Brid.) Grout (2, 7)
Didymodon capensis Spreng. (3, 7)
T. recurvata Hook. (3, 7)
T. subtorquatifolia Dixon (3, 7)
Perennial. Bryophyte. Ht 2–5 mm. Alt up to 2450 m. N, M, FS, KZN, L, NC, WC, EC

austro-africana W.A.Kramer = **Syntrichia austro-africana**

bogosica (Müll.Hal.) R.H.Zander
Desmatodon bogosicus Müll.Hal. (7)
Perennial. Bryophyte. Ht? Alt ± 1500 m. G

brachyaichme (Müll.Hal.) Broth. = **Syntrichia fragilis**
brevimucronata (Müll.Hal.) Broth. = **Syntrichia fragilis**
brevitubulosa Broth. = **Syntrichia fragilis**
chisosa Magill, Delgad. & L.R.Stark = **Syntrichia chisosa**
deserta (Müll.Hal.) Broth. = **Hennediella longipedunculata**

erubescens (Müll.Hal.) Broth., illegitimate name = **Syntrichia fragilis**

exesa (Müll.Hal.) Broth. = **Syntrichia fragilis**

fragilis Taylor = **Syntrichia fragilis**

hildebrandtii (Müll.Hal.) Broth. = **Syntrichia fragilis**

irregularis Sim = **Syntrichia fragilis**

leucostega (Müll.Hal.) Broth. var. *leucostega* = **Syntrichia leucostega** var. **leucostega**

leucostega (Müll.Hal.) Broth. var. *trachyneura* (Dixon) W.A.Kramer = **Syntrichia leucostega** var. **trachyneura**

macowaniana (Müll.Hal.) Broth. = **Syntrichia fragilis**
muelleri Hook.f. & Wilson, illegitimate name = **Syntrichia princeps**

muralis Hedw.
Perennial. Bryophyte. Ht 4–12 mm. Alt up to 1000 m. N, KZN, NC, WC, EC

norvegica (F.Weber) Lindb. = **Syntrichia norvegica**
var. **norvegica**

oranica (Müll.Hal.) Broth. = **Syntrichia fragilis**

pagorum (Milde) De Not. = **Syntrichia pagorum**

papillosa Wilson = **Syntrichia papillosa**

pilifera Hook. = **Pseudocrossidium crinitum**

pilifera Hook. var. *longifolia* Sim = **Pseudocrossidium crinitum**

porphyreoneura (Müll.Hal.) C.C.Towns. = **Pseudocrossidium porphyreoneurum**

princeps De Not. = **Syntrichia princeps**

recurvata Hook. = **T. atrovirens**

rehmannii (Müll.Hal.) Sim = **Barbula indica**

reticularia (Müll.Hal.) Broth. = **Syntrichia papillosa**

rubella Hook. & Wilson = **Syntrichia rubella**

ruralis (Hedw.) P.Gaertn., B.Mey. & Scherb. = **Syntrichia ruralis**

schmidii (Müll.Hal.) Broth. = **Syntrichia fragilis**

splachnoides (Hornsch.) R.H.Zander

Pottia splachnoides (Hornsch.) Broth. (7)

Annual, occ. perennial. Bryophyte. Ht 1–2 mm. Alt ± 1200 m. NC, WC

subtorquatifolia Dixon = **T. atrovirens**

trachyneura Dixon = **Syntrichia ruralis**

TRICHOSTOMOPSIS Cardot 9745000

australasiae (Hook. & Grev.) H.Rob. = **Didymodon australasii**

trivialis (Müll.Hal.) H.Rob. = **Didymodon trivialis**

TRICHOSTOMUM Bruch 9745100

(1) Magill. 1981. *FSA Bryophyta* 1,1: 260–262.

(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 27.

(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 339–343.

brachydontium Bruch

Perennial. Bryophyte. Ht 4–26 mm. Alt up to 2860 m.
N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC.
EC

tenuirostre (Hook. & Taylor) Lindb.

Barbula lepto-tortella Müll.Hal. (1, 3)

Oxystegus cylindricus (Bruch ex Brid.) Hilp. (3)

Oxystegus tenuirostris (Hook. & Taylor) A.J.E.Sm. (3)

Perennial. Bryophyte, occ. epiphyte. Ht 5–10 mm. Alt 300–2900 m. M, FS, KZN, L, WC, EC

unguiculatum (Mitt.) R.H.Zander

Phasconica tisserantii P.de la Varde (3)

Perennial. Bryophyte. Ht up to 1 mm. Alt ± 150–1800 m.
WC, EC

TRIQUETRELLA Müll.Hal. 9745200

(1) Magill. 1981. *FSA Bryophyta* 1,1: 253, 254.

(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 27.

(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 343, 344.

tristicha (Müll.Hal.) Müll.Hal.

Perennial. Bryophyte. Length up to 25 mm. Alt 40–1850 m. M, FS, L, NC, WC, EC

WEISIOPSIS Broth. 9745300

(1) Magill. 1981. *FSA Bryophyta* 1,1: 224–227.

(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 27.

(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 344.

involuta Magill = **Plaubelia involuta**

plicata (Mitt.) Broth.

Perennial. Bryophyte. Ht 3–4 mm. Alt ± 900–1350 m.
LIM, M

pulchriretis Dixon = **Streptocalypta pulchriretis**

WEISSIA Hedw. 9745400

(1) Magill. 1981. *FSA Bryophyta* 1,1: 262–268.

(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 27, 28.

(3) Zander. 1993. *Bulletin of the Buffalo Society of Natural Sciences* 32: 344–347.

controversa Hedw.

Perennial. Bryophyte. Ht 2–4 mm. Alt up to 2150 m.
LIM, G, M, FS, KZN, L, WC, EC

cucullata Müll.Hal.

Perennial. Bryophyte. Ht 2–4 mm. Alt ± 300 m. WC

dieterlenii Thér.

Perennial. Bryophyte. Ht 2–4 mm. Alt 1350–2400 m.
FS, L, EC

humicola Müll.Hal.

Perennial. Bryophyte. Ht 2–5 mm. Alt ± 1200–1600 m.
L, EC

latiuscula Müll.Hal.

Perennial. Bryophyte. Ht 2–4 mm. Alt 1200–2200 m.
N, LIM, NW, G, M, KZN, L, NC, EC

PRIONODONTACEAE

Compiled by J. van Rooy

PRIONODON Müll.Hal. 9763200

(1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 38.

(2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 558, 559.

densus (Sw. ex Hedw.) Müll.Hal.

Perennial. Bryophyte, epiphyte. Length 40–130 mm.
Alt 900–1800 m. LIM, M, KZN, EC

PTERIGYNANDRACEAE

Compiled by J. van Rooy

TRACHYPHYLLUM A.Gepp 9776800

- (1) Buck. 1979. *Brittonia* 31: 379–394.
 (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 44.
 (3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 110.

gastrodes (Welw. & Duby) A.Gepp*T. maximum* Dixon (1)Perennial. Bryophyte, epiphyte. Length up to 100 mm.
Alt 700–1300 m. LIM, G, M, S, KZN*maximum* Dixon = **T. gastrodes**

PTEROBRYACEAE

Compiled by J. van Rooy

CALYPTOTHECIUM Mitt. 9764300

acutifolium (Brid.) Broth. = **Pterobryopsis acutifolium**
hoehnelii (Müll.Hal.) Argent = **Pterobryopsis hoehnelii**
subacutifolium Broth. = **Pterobryopsis acutifolium**

JAEGERINA Müll.Hal. 9764400

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 39.
 (2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 565, 566.

stolonifera (Müll.Hal.) Müll.Hal.

Perennial. Bryophyte, epiphyte. Length 20–50 mm. Alt? EC

ORTHOSTICHOPSIS Broth. 9764600

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 39.
 (2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 571–574.

pinnatella (Broth.) Broth.Perennial. Bryophyte, epiphyte. Length 10–40 mm.
Alt ± 560 m. KZN**subimbricata** (Hampe) Broth.Perennial. Bryophyte, epiphyte. Length up to 150 mm.
Alt 350–1700 m. LIM, M, EC**PTEROBRYOPSIS** M.Fleisch. 9764700

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 39.
 (2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 558, 559.

acutifolium (Brid.) Magill*Calyptothecium acutifolium* (Brid.) Broth. (2)*Calyptothecium subacutifolium* Broth. (2)Perennial. Bryophyte, epiphyte. Length 20–70 mm.
Alt 550–1600 m. M, KZN, EC**hoehnelii** (Müll.Hal.) Magill*Calyptothecium hoehnelii* (Müll.Hal.) Argent (2)Perennial. Bryophyte, epiphyte. Length 30–100 mm.
Alt 75–2150 m. M, KZN, WC, EC**rehmannii** MagillPerennial. Bryophyte, epiphyte. Length up to 60 mm.
Alt? KZN

PTYCHOMITRIACEAE

Compiled by J. van Rooy

PTYCHOMITRIOPSIS Dixon 9757300

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 35.
 (2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 462–465.

africana Dixon

Perennial. Bryophyte. Ht 3–5 mm. Alt ± 1000 m. LIM, KZN

aloinoides MagillPerennial. Bryophyte. Ht 2–4 mm. Alt ± 900–1500 m.
N, FS, NC**PTYCHOMITRIUM** Fűrnr. 9757400

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 35.
 (2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 465–475.

- (3) Guo & Cao. 2000.
- Journal of Bryology*
- 22: 63–65.

- (4) Cao
- et al.*
- 2001 [2002].
- The Bryologist*
- 104: 522–526.

crassinervium (Müll.Hal.) Schimp. ex ParisPerennial. Bryophyte. Ht 5–15 mm. Alt ± 175–600 m.
NC, WC**crispatum** (Hedw.) A.JaegerPerennial. Bryophyte. Ht 10–20 mm. Alt up to 2150 m.
LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC**cucullatifolium** (Müll.Hal.) A.Jaeger*P. obtusatum* (Müll.Hal.) Paris (2)Perennial. Bryophyte. Ht 5–20 mm. Alt 500–2860 m.
M, FS, KZN, L, NC, WC, EC*depressum* (Müll.Hal.) Paris = **P. sellowianum**

diexaratum Magill

Perennial. Bryophyte. Ht 5–20 mm. Alt 2000–3150 m.
KZN, L

eurybasis Dixon = **P. muelleri**

exaratifolium H. Rob.

Perennial. Bryophyte. Ht 5–10 mm. Alt ± 540–700 m.
M, S, KZN

marginatum (Wager ex Dixon) Dixon = **P. subcrispatum**

muelleri (Mitt.) A. Jaeger

P. eurybasis Dixon (4)

Perennial. Bryophyte. Ht 8–12 mm. Alt 762–2600 m.
LIM, M, S, KZN, EC

obtusatum (Müll. Hal.) Paris = **P. cucullatifolium**

sellowianum (Müll. Hal.) A. Jaeger

P. depressum (Müll. Hal.) Paris (3)

Perennial. Bryophyte. Ht 5–25 mm. Alt 300–1700 m.
M, S, FS, KZN, WC, EC

subcrispatum Thér. & P. de la Varde

P. marginatum (Wager ex Dixon) Dixon (2)

Perennial. Bryophyte, occ. epiphyte. Ht 10–40 mm. Alt
100–3050 m. LIM, G, M, S, FS, KZN, L, WC, EC

RACOPILACEAE

Compiled by J. van Rooy

RACOPILUM P. Beauv.

9759700

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 37.
(2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 531–533.

capense Müll. Hal. ex Broth.

Perennial. Bryophyte, occ. epiphyte. Length up to 60
mm. Alt ± 10–2150 m. LIM, NW, G, M, S, FS,
KZN, WC, EC

RHACHITHECIACEAE

Compiled by J. van Rooy

RHACHITHECIUM Broth. ex
Le Jolis

9756700

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 35.

- (2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 459–461.

perpusillum (Thwaites & Mitt.) Broth.

Perennial. Bryophyte, epiphyte. Ht up to 4 mm. Alt ±
1200–1600 m. LIM, M

RHIZOGONIACEAE

Compiled by J. van Rooy

LEPTOTHECA Schwägr.

9753180

- (1) Magill. 1987. *FSA Bryophyta* 1,2: 405, 406.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 33.
(3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 105.

gaudichaudii Schwägr.

Perennial. Bryophyte. Ht 10–30 mm. Alt 75–1675 m WC

PYRRHOBRYUM Mitt.

9753200

- (1) Magill. 1987. *FSA Bryophyta* 1,2: 401–404.

- (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 33.

spiniforme (Hedw.) Mitt.

Perennial. Bryophyte, occ. epiphyte. Ht 10–50 mm.
Alt 50–1560 m. LIM, M, KZN, WC, EC

vallis-gratiae (Hampe ex Müll. Hal.) Manuel

Perennial. Bryophyte, occ. epiphyte. Ht 6–30 mm. Alt
50–950 m. WC

RIGODIACEAE

Compiled by J. van Rooy

RIGODIUM Kunze ex Schwägr.

9773500

- (1) Touw. 1976. *Lindbergia* 3: 135–195.
(2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 40.
(3) Zomlefer. 1993. *The Bryologist* 96: 1–72.

kilimandscharicum (Broth.) Paris = **R. toxarion**

toxarion (Schwägr.) A. Jaeger

R. kilimandscharicum (Broth.) Paris (3)

Thuidium thamnopsis Rehm ex Sim (1, 3)

Perennial. Bryophyte, epiphyte. Length up to 120 mm.
Alt 1470–2050 m. M

SELIGERIACEAE

Compiled by J. van Rooy

BLINDIA Bruch & Schimp.

9737900

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 103, 104.
 (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 20.

magellanica Schimp.

Perennial. Bryophyte. Ht 10–15 mm. Alt 2000–3200 m. L

SEMATOPHYLLACEAE

Compiled by J. van Rooy

HETEROPHYLLIUM (Schimp.) Kindb. 9778500

flexile (Renauld & Cardot) Thér. & P.de la Varde =
Rhacopilopsis variegata
transvaaliense (Thér. & Dixon) Thér. & P.de la Varde =
Rhacopilopsis trinitensis

LEPTOISCHYRODON Dixon 9778550

- (1) Dixon. 1932. *Kongelige Norske Videnskabernes Selskabs Skrifter* 1932,4: 14, 15.
 (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 41.
 (3) Buck & Goffinet. 2000. In Shaw & Goffinet, *Bryophyte biology*: 114.

congoanus Dixon

Perennial. Bryophyte, epiphyte. Length? Alt? LIM, KZN

MEIOTHECIUM Mitt. 9778600

- (1) Sim. 1926. *The bryophyta of South Africa*: 434.
 (2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 20.
 (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 44.

fuscescens (A.Jaeger ex Paris) Broth.

Perennial. Bryophyte. Length? Alt? WC

RHAPHIDORRHYNCHIUM Besch. ex M.Fleisch. 9778700

dregei (Müll.Hal.) Broth. = **Sematophyllum dregei**
gueinzii (Hampe) Broth. = **Sematophyllum gueinzii**
zuluense Sim = **Sematophyllum zuluense**

SEMATOPHYLLUM Mitt. 9778800

- (1) Sim. 1926. *The bryophyta of South Africa*: 434–437.
 (2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 20.
 (3) Buck. 1983. *Brittonia* 35: 309–311.
 (4) Kis. 1985. *Mosses of South-east tropical Africa*: 151.
 (5) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 44.

brachycarpum (Hampe) Broth.

Perennial. Bryophyte, epiphyte. Length 10–40 mm. Alt up to 1900 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

caespitosum (Hedw.) Mitt. = **S. subpinnatum****dregei** (Müll.Hal.) Magill

Rhaphidorrhynchium dregei (Müll.Hal.) Broth. (2)
 Perennial. Bryophyte, epiphyte. Length 20–30 mm. Alt 91–2400 m. LIM, M, S, KZN, WC, EC

gueinzii (Hampe) Magill

Rhaphidorrhynchium gueinzii (Hampe) Broth. (2)
 Perennial. Bryophyte, epiphyte. Length up to 50 mm. Alt 30–2000 m. LIM, M, S, FS, KZN, WC, EC

sphaeropyxis (Müll.Hal.) Broth.

Perennial. Bryophyte, epiphyte. Length 10–40 mm. Alt up to 1800 m. LIM, NW, G, M, S, KZN, WC, EC

subpinnatum (Brid.) E.Britton

S. caespitosum (Hedw.) Mitt. (3, 4)
 Perennial. Bryophyte, epiphyte. Length 25–75 mm. Alt up to 2100 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

wageri C.H.Wright ex Wager

Perennial. Bryophyte, occ. epiphyte. Length ± 12 mm. Alt ± 1600 m. NW, M, S, KZN, WC

zuluense (Sim) Magill

Rhaphidorrhynchium zuluense Sim (2)
 Perennial. Bryophyte, epiphyte. Length 25–38 mm. Alt 300–1700 m. M, KZN, WC

TRICHOSTELEUM Mitt. 9778900

- (1) Sim. 1926. *The bryophyta of South Africa*: 440.
 (2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 20.
 (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 44.

perchlorosum Broth. & Bryhn

Perennial. Bryophyte, epiphyte. Length 20–30 mm. Alt ± 900–1200 m. M, EC

WIJKIA H.A.Crum 9779000

- (1) Sim. 1926. *The bryophyta of South Africa*: 423.
 (2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 20.
 (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 44, 45.

trichocolea (Müll.Hal.) H.A.Crum

Perennial. Bryophyte. Length up to 20 mm. Alt 800–2100 m. M, L

SPHAGNACEAE

Compiled by J. van Rooy

SPHAGNUM L.

9734300

- (1) Magill. 1981. *FSA Bryophyta* 1,1: 23–32.
- (2) Eddy. 1985. *Bulletin of the British Museum (Natural History) Botany* 12: 77–162.
- (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 17.

capense Hornsch.

Perennial. Bryophyte, hydrophyte. Length 40–220 mm. Alt 90–2450 m. LIM, M, KZN, WC, EC

fimbriatum Wilson

Perennial. Bryophyte, hydrophyte. Length 80–120 mm. Alt ± 1850 m. M

perichaetiale Hampe

Perennial. Bryophyte, hydrophyte. Length 80–140 mm. Alt up to 600 m. KZN, WC, EC

pycnocladulum Müll.Hal.

Perennial. Bryophyte, hydrophyte. Length 50–200 mm. Alt ± 600–950 m. WC, EC

strictum Sull. subsp. pappeanum (Müll.Hal.) A.Eddy

Perennial. Bryophyte, hydrophyte. Length 60–180 mm. Alt 550–2100 m. M, KZN, WC, EC

truncatum Hornsch.

Perennial. Bryophyte, hydrophyte. Length 35–110 mm. Alt up to 2150 m. LIM, NW, G, M, S, KZN, WC, EC

violascens Müll.Hal.

Perennial. Bryophyte, hydrophyte. Length up to 60 mm. Alt ± 50–750 m. WC

SPLACHNACEAE

Compiled by J. van Rooy

TAYLORIA Hook.

9749500

- (1) Magill. 1987. *FSA Bryophyta* 1,2: 331–333.
- (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 30.

isleana (Besch.) Broth.

Perennial. Bryophyte. Ht 8–12 mm. Alt ± 1225 m. KZN

orthodonta (P.Beauv.) Wijk & Margad.

Perennial. Bryophyte. Ht up to 15 mm. Alt ± 1500 m. LIM

STEREOPHYLLACEAE

Compiled by J. van Rooy

ENTODONTOPSIS Broth.

9770775

- (1) Buck & Ireland. 1985. *Nova Hedwigia* 41: 100–108.
- (2) Ireland & Buck. 1994. *Flora neotropica* 65: 10–27.

nitens (Mitt.) W.R.Buck

Stereophyllum zuluense Broth. & Bryhn (1, 2)

Perennial. Bryophyte, epiphyte. Length up to 40 mm. Alt ± 600–1500 m. KZN

JURATZKAEA Lorentz

9770780

- (1) Buck. 1977. *Revue Bryologique et Lichenologique* 43: 319–322.
- (2) Catcheside & Stone. 1980. *Journal of Bryology* 11: 99–104.
- (3) Buck & Ireland. 1985. *Nova Hedwigia* 41: 111.

incisa (W.R.Buck) Catches. & I.G.Stone

Perennial. Bryophyte. Length? Alt? WC

STEREOPHYLLUM Mitt.

9770800

- (1) Sim. 1926. *The bryophyta of South Africa*: 408–410.

- (2) Buck & Ireland. 1985. *Nova Hedwigia* 41: 96–100.

- (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 44.

- (4) Ireland & Buck. 1994. *Flora neotropica* 65: 3–10.

natalense Sim = **S. radiculosum**

radiculosum (Hook.) Mitt.

S. natalense Sim (2, 4)

S. odontocalyx (Müll.Hal.) A.Jaeger (2, 4)

Perennial. Bryophyte, epiphyte. Length up to 30 mm. Alt 300–1600 m. LIM, NW, M, S, KZN, EC

odontocalyx (Müll.Hal.) A.Jaeger = **S. radiculosum**

woodii (Sim) Magill

Perennial. Bryophyte, epiphyte. Length 50–75 mm. Alt? KZN

zuluense Broth. & Bryhn = **Entodontopsis nitens**

THUIDIACEAE

Compiled by J. van Rooy

ABIETINELLA Müll.Hal. 9772500

- (1) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.
- (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 42.

abietina (Hedw.) M.Fleisch.
Perennial. Bryophyte. Length? Alt 2700–2860 m. KZN

HAPLOCLADIUM (Müll.Hal.) Müll.Hal. 9771400

- (1) Sim. 1926. *The bryophyta of South Africa*: 384.
- (2) Magill & Schelpe. 1979. *Memoirs of the Botanical Survey of South Africa* No. 43: 19.
- (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 42.
- (4) Touw. 2001. *Journal of the Hattori Botanical Laboratory* 90: 197, 198.

angustifolium (Hampe & Müll.Hal.) Broth.
Perennial. Bryophyte, occ. epiphyte. Length up to 75 mm.
Alt ± 900–2100 m. LIM, G, M, S, KZN, L, WC, EC

PELEKIUM Mitt. 9772850

- (1) Touw. 1976. *Lindbergia* 3: 143–185.
- (2) Touw. 2001. *Journal of the Hattori Botanical Laboratory* 90: 187–194.

ramusculosum (Mitt.) Touw
Thuidium ramusculosum (Mitt.) A.Jaeger (2)
Perennial. Bryophyte. Length? Alt ± 900–2400 m. LIM, M, FS, KZN

varians (Welw. & Duby) Touw
Thuidium varians Welw. & Duby (2)
Perennial. Bryophyte. Length 40–60 mm. Alt up to 500 m.
S, KZN

versicolor (Hornsch. ex Müll.Hal.) Touw
Thuidium versicolor (Hornsch. ex Müll.Hal.) A.Jaeger (2)
Perennial. Bryophyte. Length 25–75 mm. Alt 100–2100 m.
LIM, NW, M, KZN, WC, EC

RAUIELLA Reimers 9772900

- (1) Touw. 1976. *Lindbergia* 3: 186–189.
- (2) Buck & Crum. 1990. *Contributions from the University of Michigan Herbarium* 17: 55–69.
- (3) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 42.

praelonga (Schimp. ex Besch.) Wijk & Margad.
R. subfilamentosa (Kiaer ex Besch.) Wijk & Margad. (2)
Perennial. Bryophyte, epiphyte. Length 50–75 mm. Alt
1350–1700 m. LIM, KZN

subfilamentosa (Kiaer ex Besch.) Wijk & Margad. = **R. praelonga**

THUIDIUM Bruch & Schimp. 9773000

- (1) Touw. 1976. *Lindbergia* 3: 143–147.
- (2) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 42.

matarumense Besch.
Perennial. Bryophyte, occ. epiphyte. Length 3–20 mm.
Alt 300–2438 m. M, FS, KZN, L, EC

ramusculosum (Mitt.) A.Jaeger = **Pelekium ramusculosum**

thamniopsis Rehm ex Sim = **Rigodium toxarion**

varians Welw. & Duby = **Pelekium varians**

versicolor (Hornsch. ex Müll.Hal.) A.Jaeger = **Pelekium versicolor**

WARDIACEAE

Compiled by J. van Rooy

WARDIA Harv. & Hook. ex Hook. 9760700

- (1) Van Rooy. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 37.
- (2) Magill & Van Rooy. 1998. *FSA Bryophyta* 1,3: 538–540.

hygrometrica Harv. & Hook.

Perennial. Bryophyte, hydrophyte. Length 15–80 mm.
Alt 30–1200 m. WC



HEPATOPHYTA

ACROBOLBACEAE

Compiled by S.M. Perold

ACROBOLBUS Nees 9724700

- (1) Arnell. 1963. *Hepaticae of South Africa*: 362, 363.
 (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 12.

excisus (Mitt.) Schiffn. = **A. ochrophyllus****ochrophyllus** (Hook.f. & Taylor) R.M.Schust.

- A. excisus* (Mitt.) Schiffn. (1)
Marsupidium excisum Mitt. (1, 2)

Perennial. Bryophyte. Length up to 30 mm. Alt 620–920 m. WC

LETHOCOLEA Mitt. 9724800

- (1) Arnell. 1963. *Hepaticae of South Africa*: 305, 306.
 (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 135.
 (3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 143.

congesta (Lehm.) S.W.Arnell

- Symphyomitra africana* Steph. (2)
Symphyomitra tabularis S.W.Arnell (2)

Perennial. Bryophyte. Length up to 10 mm. Alt 620–2700 m. LIM, KZN, L, WC

MARSUPIDIUM Mitt. 9724900

- (1) Arnell. 1963. *Hepaticae of South Africa*: 366, 367.
 (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 152.

brevifolium Steph. = **Adelanthus decipiens***excisum* Mitt. = **Acrobolbus ochrophyllus****limbatum** (Steph.) Grolle

- Tylimanthus limbatus* Steph. (1, 2)
Tylimanthus wilmsii Steph. (1, 2)

Perennial. Bryophyte. Length up to 20 mm. Alt 620–1850 m. WC

SYMPHYOMITRA Spruce 9781700*africana* Steph. = **Lethocolea congesta***tabularis* S.W.Arnell = **Lethocolea congesta****TYLIMANTHUS** Mitt. 9726800

- (1) Arnell. 1963. *Hepaticae of South Africa*: 261, 262.
 (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 232.

africanus Pearson

Perennial. Bryophyte. Length up to 6 mm. Alt 280–900 m. KZN, WC

limbatum Steph. = **Marsupidium limbatum***wilmsii* Steph. = **Marsupidium limbatum**

ADELANTHACEAE

Compiled by S.M. Perold

ADELANTHUS Mitt. 9729100

- (1) Arnell. 1963. *Hepaticae of South Africa*: 311–314.
 (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 14, 15.

decipiens (Hook.) Mitt.

- Marsupidium brevifolium* Steph. (2)

Perennial. Bryophyte. Length up to 30 mm. Alt 620–1545 m. LIM, WC

lindenbergianus (Lehm.) Mitt.

- A. sphalerus* (Hook.f. & Taylor) Steph. (2)
A. unciiformis (Hook.f. & Taylor) Spruce (2)

Perennial. Bryophyte. Length up to 160 mm. Alt 620–2000 m. L, WC

sphalerus (Hook.f. & Taylor) Steph. = **A. lindenbergianus***unciiformis* (Hook.f. & Taylor) Spruce = **A. lindenbergianus**

ANEURACEAE

Compiled by S.M. Perold

ANEURA Dumort. 9781800

- (1) Arnell. 1963. *Hepaticae of South Africa*: 86, 87.
 (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 18–20.
 (3) Perold. 2001. *Bothalia* 31: 167–173.

amazonica Spruce = **Riccardia amazonica***angusticosta* Steph. = **Riccardia amazonica***compacta* Steph. = **Riccardia compacta***congoana* Steph. = **Riccardia amazonica**

fastigiata (Lehm.) Gottsche, Lindenb. & Nees = **Riccardia fastigiata**

grosselimbata Steph. = **Riccardia amazonica***limbata* Steph. = **Riccardia limbata***multifida* Dumort. = **Riccardia multifida****pinguis** (L.) Dumort.

- Riccardia pinguis* (L.) Gray (2, 3)
Riccardia submarginata S.W.Arnell (3)

Perennial. Bryophyte. Length 15–35 mm. Alt 287–2144 m. M, FS, KZN, WC, EC

reticulata Steph. = **Riccardia limbata***stephanii* Besch. ex Steph. = **Riccardia amazonica***travisiana* Pearson = **Riccardia amazonica**

RICCARDIA Gray

9716900

- (1) Arnell. 1963. *Hepaticae of South Africa*: 88–99.
 (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 202–205.
 (3) Perold. 2001. *Bothalia* 31: 183–187.

amazonica (Spruce) Schiffn. ex Gradst. & Hekking

- Aneura amazonica* Spruce (2)
Aneura angusticosta Steph. (2)
Aneura congoana Steph. (2)
Aneura grosselimbata Steph. (2)
Aneura stephanii Besch. ex Steph. (2)
Aneura travisiana Pearson (2)
R. campanuliflora S.W.Arnell (2)
R. stephanii (Besch. ex Steph.) E.W.Jones, illegitimate name (2)

Perennial. Bryophyte. Length up to 20 mm. Alt? WC

campanuliflora S.W.Arnell = **R. amazonica****capensis** S.W.ArnellPerennial. Bryophyte, occ. epiphyte. Length 1–2 mm.
Alt ± 116 m. WC**compacta** (Steph.) S.W.Arnell*Aneura compacta* Steph. (1, 2)

Perennial. Bryophyte. Length up to 7 mm. Alt 116–1220 m. WC

fastigiata (Lehm.) Trevis.*Aneura fastigiata* (Lehm.) Gottsche, Lindenb. & Nees (2)

Perennial. Bryophyte, occ. epiphyte. Length up to 20 mm. Alt? G, KZN, WC

limbata (Steph.) E.W.Jones*Aneura limbata* Steph. (2)
Aneura reticulata Steph. (2)Perennial. Bryophyte, occ. epiphyte. Length 1.5–4 mm.
Alt? S, KZN, WC**multifida** (L.) Gray*Aneura multifida* Dumort. (3)
R. saccatiflora (Steph.) S.W.Arnell, misapplied name (3)

Perennial. Bryophyte, occ. epiphyte. Length up to 27 mm. Alt 265–490 m. WC

obtusa S.W.ArnellPerennial. Bryophyte, occ. epiphyte. Length 10–20 mm.
Alt? KZN, WC, EC*pinguis* (L.) Gray = **Aneura pinguis***saccatiflora* (Steph.) S.W.Arnell, misapplied name = **R. multifida***stephanii* (Besch. ex Steph.) E.W.Jones, illegitimate name = **R. amazonica***submarginata* S.W.Arnell = **Aneura pinguis****ANTHELIACEAE**

Compiled by S.M. Perold

ANTHELIA Dumort.

9730400

- (1) Schuster. 1974. *The Hepaticae and Anthocerotae of North America* 3: 622.

- (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 20.

africana Steph. = ?**Cephaloziella** sp. (1, 2)**ARNELLIACEAE**

Compiled by S.M. Perold

GONGYLANTHUS Nees

9727300

- (1) Arnell. 1963. *Hepaticae of South Africa*: 270–274.
 (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 94, 95.
 (3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 142.

ericetorum (Raddi) Nees*Calypogeia ericetorum* Raddi (1, 2)

Perennial. Bryophyte. Length up to 20 mm. Alt 620–1650 m. NW, G, KZN, L, WC

renifolius (Mitt.) Steph.

Perennial. Bryophyte. Length up to 10 mm. Alt 120–1200 m. KZN, WC

scariosus (Lehm.) Steph.*Gymnomitrium scariosum* (Lehm.) Nees (1, 2)

Perennial. Bryophyte. Length up to 10 mm. Alt 190–500 m. WC

AYTONIACEAE

Compiled by S.M. Perold

ASTERELLA P.Beauv.

9710700

- (1) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 27–29.
 (2) Perold. 1999. *FSA* 1,1: 43–59.
 (3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 141.

abyssinica (Gottsche) Grolle*Fimbriaria abyssinica* (Gottsche) Steph. (1, 2)

Perennial. Bryophyte. Length 15–18 mm. Alt ± 1800 m. KZN

angolensis (Steph.) S.W.Arnell = **A. wilmsii****bachmannii** (Steph.) S.W.Arnell

Fimbriaria bachmannii Steph. (1, 2)
Perennial. Bryophyte. Length 18–25 mm. Alt 900–2600
m. B, LIM, G, M, S, FS, KZN, L, WC, EC

marginata (Nees) S.W.Arnell
Fimbriaria marginata Nees (1, 2)
Perennial. Bryophyte. Length up to 23 mm. Alt 300–1580
m. NC, WC, EC

muscicola (Steph.) S.W.Arnell
Fimbriaria muscicola Steph. (1, 2)
Perennial. Bryophyte. Length up to 18 mm. Alt 800–
3000 m. B, LIM, NW, M, FS, KZN, L, EC

wilmsii (Steph.) S.W.Arnell
A. angolensis (Steph.) S.W.Arnell (2)
Fimbriaria wilmsii Steph. (1, 2)
Perennial. Bryophyte. Length 30–40(–75) mm. Alt 760–
2000 m. LIM, G, M, S, KZN, L

CRYPTOMITRIUM Austin ex 9710850
Underw.

- (1) Austin. 1884. *Bulletin Illinois State Laboratory of Natural History* 2: 36.
- (2) Perold. 1999. *FSA* 1,1: 59–64.

oreades Perold
Annual. Bryophyte. Length up to 12 mm. Alt ± 2900 m. L

FIMBRIARIA Nees 9781900

abyssinica (Gottsche) Steph. = **Asterella abyssinica**

bachmannii Steph. = **Asterella bachmannii**

marginata Nees = **Asterella marginata**

muscicola Steph. = **Asterella muscicola**

wilmsii Steph. = **Asterella wilmsii**

MANNIA Opiz 9710800

- (1) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 147.
- (2) Perold. 1999. *FSA* 1,1: 64–67.

capensis (Steph.) S.W.Arnell
Perennial. Bryophyte. Length up to 12 mm. Alt 540–
1650 m. N, LIM, NW, G, M, FS, NC, WC, EC

PLAGIOCHASMA Lehm. & 9710900
Lindenb.

- (1) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 172–174.
- (2) Perold. 1999. *FSA* 1,1: 27–43.

algericum Steph. = **P. rupestre** var. **rupestre**

appendiculatum Lehm. & Lindenb.
P. fischerianum (Steph.) Steph. (1, 2)
Perennial. Bryophyte. Length 10–20 mm. Alt 700–1280 m.
NW

beccarianum Steph.
Perennial. Bryophyte. Length 8–20 mm. Alt 990–1830
m. N, LIM, M

dinteri Steph. = **P. microcephalum**

dschallanum Steph. = **P. rupestre** var. **rupestre**

eximium (Schiffn.) Steph.
Perennial. Bryophyte. Length 16.5–22.0 mm. Alt 920–
2025 m. KZN, L

fischerianum (Steph.) Steph. = **P. appendiculatum**

microcephalum (Steph.) Steph. var. **microcephalum**
P. dinteri Steph. (1, 2)
Perennial. Bryophyte. Length 6–12 mm. Alt 655–1690
m. N, LIM, NW, G, NC

rupestre (J.R.Forst. & G.Forst.) Steph. var. **rupestre**
P. algericum Steph. (1, 2)
P. dschallanum Steph. (1, 2)
P. tenue Steph. (1, 2)
Perennial. Bryophyte. Length 8–25 mm. Alt 265–3000
m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC,
WC, EC

rupestre (J.R.Forst. & G.Forst.) Steph. var. **volkii** Bischl.
Perennial. Bryophyte. Length 8–25 mm. Alt 640–2165
m. N, LIM, NW, G, KZN, L

tenue Steph. = **P. rupestre** var. **rupestre**

BALANTIOPSISIDACEAE

Compiled by S.M. Perold

ISOTACHIS Mitt. 9723700

- (1) Arnell. 1963. *Hepaticae of South Africa*: 360–362.
- (2) Vána. 1982. *Folia Geobotanica et Phytotaxonomica* 17: 63–87.
- (3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 102, 103.

aspera Steph. = **I. aubertii**

aspera Steph. var. *transvaalensis* S.W.Arnell, illegiti-

mate name = **I. aubertii**

aubertii (Schwägr.) Mitt.

- I. aspera* Steph. (1, 2)
I. aspera Steph. var. *transvaalensis* S.W.Arnell, illegitimate name
(3)

Perennial. Bryophyte. Length up to 30 mm. Alt 1160–
1320 m. NW, M, WC

CALYPOGEIACEAE

Compiled by S.M. Perold

CALYPOGEIA Raddi 9730900

- (1) Arnell. 1963. *Hepaticae of South Africa*: 392–396.
- (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 34, 35.
- (3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 141.

arguta Nees & Mont.

- C. latifolia* Steph. (2)
Perennial. Bryophyte. Length 10–20 mm. Alt 280–
2165 m. NW, S, KZN, WC

bidentula (F.Weber) Nees

Perennial. Bryophyte. Length up to 30 mm. Alt 490–1470 m. LIM, NW, M, S, KZN, L, WC

capensis S.W.Arnell = **Mnioloma fuscum**

ericetorum Raddi = **Gongylanthus ericetorum**

fissa (L.) Raddi

Perennial. Bryophyte. Length up to 20 mm. Alt 50–2150 m. LIM, KZN, WC, EC

fusca (Lehm.) Steph. = **Mnioloma fuscum**

latifolia Steph. = **C. arguta**

longifolia Steph.

Perennial. Bryophyte. Length 10–15 mm. Alt 235–1450 m. LIM, S, KZN, L, WC, EC

microstipula (Steph.) Steph.

Perennial. Bryophyte. Length ± 2.5 mm. Alt ± 2100 m. KZN

METACALYPOGEIA (S.Hatt.) Inoue 9730925

fusca (Lehm.) N.Kitag. = **Mnioloma fuscum**

MNIOLOMA Herzog 9730950

(1) Schuster. 1995. *Fragmenta Floristica et Geobotanica* 40: 825–888.

(2) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 53

fuscum (Lehm.) R.M.Schust.

Calypogeia capensis S.W.Arnell (2)

Calypogeia fusca (Lehm.) Steph. (2)

Metacalypogeia fusca (Lehm.) N.Kitag. (1)

Perennial. Bryophyte. Length up to 20 mm. Alt 250–900 m. M, KZN, WC

CEPHALOZIACEAE

Compiled by S.M. Perold

ALOBIELLA (Spruce) Schiffn. 9728500

heteromorpha (Lehm.) Steph. = **Allobiellopsis heteromorpha**

pillansii (Sim) S.W.Arnell = **Allobiellopsis pillansii**

ALOBIELLOPSIS R.M.Schust. 9782000

(1) Arnell. 1963. *Hepaticae of South Africa*: 347–349.

(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 16.

(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 141.

heteromorpha (Lehm.) R.M.Schust.

Alobiella heteromorpha (Lehm.) Steph. (1, 2)

Perennial. Bryophyte. Length up to 20 mm. Alt 340–1230 m. KZN, L, WC

pillansii (Sim) R.M.Schust.

Alobiella pillansii (Sim) S.W.Arnell (1, 2)

Perennial. Bryophyte. Length 20–30 mm. Alt 420–510 m. WC

CEPHALOZIA (Dumort.) Dumort. 9728600

(1) Vána. 1988. *Beiheft zur Nova Hedwigia* 90: 179–198.

(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 37–39.

(3) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 14.

bicuspidata (L.) Dumort.

C. robusta Steph. (1)

C. vallis-gratiae Gottsche ex Steph. (1)

Perennial. Bryophyte. Length up to 10 mm. Alt 300–1700 m. KZN, WC, EC

connivens (Dicks.) Lindb. subsp. **fissa** (Steph.) Vána

C. crassicaulis Steph. (2, 3)

Perennial. Bryophyte. Length up to 15 mm. Alt 480–2000 m. NW, WC

crassicaulis Steph. = **C. connivens** subsp. **fissa**

denudata (Mart.) Spruce var. *africana* Pearson = **Odontoschisma africanum**

kiaeri (Austin) Pearson = **Cephaloziella kiaeri**

lycopodioides Sim = **Cephaloziella lycopodioides**

natalensis Sim = **Cephaloziella natalensis**

robusta Steph. = **Cephalozia bicuspadata**

tenuissima (Lehm. & Lindenb.) Trevis. = **Cephaloziella tenuissima**

vaginans (Steph.) Steph. = **Cephaloziella vaginans**

vallis-gratiae Gottsche ex Steph. = **Cephalozia bicuspadata**

ODONTOSCHISMA (Dumort.) Dumort. 9729200

(1) Arnell. 1963. *Hepaticae of South Africa*: 302, 303.

(2) Vána. 1988. *Beiheft zur Nova Hedwigia* 90: 179–198.

(3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 167, 168.

africanum (Pearson) Sim

Cephalozia denudata (Mart.) Spruce var. *africana* Pearson (2, 3)

Perennial. Bryophyte. Length 10–20 mm. Alt 290–1090 m. KZN, WC, EC

CEPHALOZIELLACEAE

Compiled by S.M. Perold

CEPHALOZIELLA (Spruce) Schiffn. 9729700

(1) Arnell. 1963. *Hepaticae of South Africa*: 329–346.

(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 39–41.

(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 141.

anthelioides S.W.Arnell

Perennial. Bryophyte. Length up to 5 mm. Alt 400–1405 m. WC

atroviridis (Sim) E.W.Jones = **Cylindrocolea atroviridis**

capensis (Sim) S.W.Arnell

Perennial. Bryophyte. Length up to 6 mm. Alt 300–400 m. WC

garsidei S.W.Arnell

Perennial. Bryophyte. Length up to 10 mm. Alt ± 400 m. WC

kiaeri (Austin) Douin

Cephalozia kiaeri (Austin) Pearson (1, 2)

Perennial. Bryophyte. Length up to 20 mm. Alt 280–1200 m. LIM, KZN, L, WC, EC

lycopodioides (Sim) S.W.Arnell

Cephalozia lycopodioides Sim (1, 2)

Perennial. Bryophyte. Length 3–4 mm. Alt 600–1400 m. KZN, WC

natalensis (Sim) S.W.Arnell

Cephalozia natalensis Sim (1, 2)

Perennial. Bryophyte. Length 3–6 mm. Alt 640–750 m. KZN, EC

schelpei S.W.Arnell

Perennial. Bryophyte. Length up to 3 mm. Alt 520–950 m. KZN

tabularis S.W.Arnell

Perennial. Bryophyte. Length up to 15 mm. Alt 50–920

m. WC

tenuissima (Lehm. & Lindenb.) Steph.

Cephalozia tenuissima (Lehm. & Lindenb.) Trevis. (1, 2)

Perennial. Bryophyte. Length up to 10 mm. Alt 620–1400 m. L, WC

transvaalensis S.W.Arnell

Perennial. Bryophyte. Length up to 5 mm. Alt 1200–1330 m. LIM, M, KZN

triplicata S.W.Arnell

Perennial. Bryophyte. Length up to 20 mm. Alt ± 200 m. WC

vaginans Steph.

Cephalozia vaginans (Steph.) Steph. (2)

Perennial. Bryophyte. Length? Alt ± 3050 m. L

CYLINDROCOLEA R.M.Schust. 9729800

(1) Vána *et al.* 1979. *Lejeunia* 98: 1–25.

(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 66, 67.

(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 141.

atroviridis (Sim) Vána

Cephalozia atroviridis (Sim) E.W.Jones (1, 2)

Perennial. Bryophyte. Length 20–60 mm. Alt 300–1390 m. G, M, KZN, L, WC, EC



CLEVEACEAE

Compiled by S.M. Perold

ATHALAMIA Falc.

(1) Perold. 1999. *FSA* 1,1: 69–72.

spathysii (Lindenb.) S.Hatt.

Clevea spathysii (Lindenb.) Müll.Frib. (1)

9712500

Perennial. Bryophyte. Length up to 12 mm. Alt 1570–2090 m. N, EC

CLEVEA Lindenb.

9712600

spathysii (Lindenb.) Müll.Frib. = **Athalamia spathysii**



EXORMOTHECACEAE

Compiled by S.M. Perold

EXORMOTHECA Mitt.

9712000

(1) Bornefeld *et al.* 1996. *Bothalia* 26: 159–165.

(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 76, 77.

(3) Perold. 1999. *FSA* 1,1: 73–79.

africana Steph. = **E. pustulosa****bulbigena** Bornefeld, O.H.Volk & R.Wolf

Perennial. Bryophyte. Length up to 20 mm. Alt 1200–1500 m. N

holstii Steph.

E. megastomata Marquand (3)

E. youngii S.W.Arnell (3)

Perennial. Bryophyte. Length up to 22 mm. Alt 325–1555 m. N, B, LIM, NW, G, M, FS, KZN

megastomata Marquand = **E. holstii**

pustulosa Mitt.

E. africana Steph. (3)

Perennial. Bryophyte. Length up to 9 mm. Alt 1250–2100 m. B, LIM, NW, G, M, S, FS, L

youngii S.W.Arnell = **E. holstii**

FOSSOMBRONIACEAE

Compiled by S.M. Perold

FOSSOMBRONIA Raddi 9716400

- (1) Perold. 1997. *Bothalia* 27: 17–27, 29–42, 105–115.
 (2) Perold. 1998. *Bothalia* 28: 1–5, 159–165.
 (3) Perold. 1999. *Bothalia* 29: 1–4, 25–33, 77–93.
 (4) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 142.
 (5) Perold. 2001. *Bothalia* 31: 25–29.

angulifolia Perold

Annual? Bryophyte. Length up to 12 mm. Alt ± 1500 m. L

capensis S.W.Arnell var. **capensis**

Perennial. Bryophyte. Length 10–18 mm. Alt 160–910 m. WC, EC

capensis S.W.Arnell var. **spiralis** Perold

Perennial. Bryophyte. Length up to 10 mm. Alt 50–1000 m. WC

cederbergensis Perold

Perennial. Bryophyte. Length up to 3.5 mm. Alt 140–840 m. NC, WC

crispa Nees

F. zeyheri Steph. (1)

Perennial. Bryophyte. Length up to 15 mm. Alt 150–1600 m. LIM, G, M, S, KZN, WC, EC

densilamellata S.W.Arnell

Perennial. Bryophyte. Length up to 12 mm. Alt 150–450 m. WC

elsieae Perold

Perennial. Bryophyte. Length 6–12 mm. Alt 300–1060 m. WC

gemmifera Perold

Perennial. Bryophyte. Length 5–9 mm. Alt 1190–1730 m. LIM, M, L

glenii Perold

Perennial. Bryophyte. Length 5–7 mm. Alt 450–1800 m. LIM, G, M, L

hyalorrhiza Perold

Perennial. Bryophyte. Length 5–15 mm. Alt 425–1050 m. NC, WC

leucoxantha Lehm.

Perennial. Bryophyte. Length 6.0–7.5 mm. Alt 120–620 m. WC

marindae Perold

Perennial. Bryophyte. Length up to 8 mm. Alt ± 250 m. WC

montaguensis S.W.Arnell

Annual? Bryophyte. Length up to 10 mm. Alt 300–790 m. L?, WC

monticola Perold

Perennial. Bryophyte. Length 5.5–9.0 mm. Alt 300–1060 m. WC

pusilla (L.) Dumort., presence in FSA unconfirmed

renateae Perold

Perennial. Bryophyte. Length 5–15 mm. Alt 1200–1600 m. M, KZN

spinifolia Steph.

Perennial. Bryophyte. Length 3–7 mm. Alt ± 300 m. WC

spinosa Perold

Perennial. Bryophyte. Length up to 9 mm. Alt 200–285 m. WC

straussiana Perold

Perennial. Bryophyte. Length up to 9.5 mm. Alt 1050–1300 m. LIM, G

swaziensis Perold

Perennial. Bryophyte. Length up to 10 mm. Alt 1000–1500 m. LIM, G, M, S

tumida Mitt.

Perennial. Bryophyte. Length 5–12 mm. Alt 150–300 m. WC

zeyheri Steph. = **F. crispa**

zuurbergensis Perold

Perennial. Bryophyte. Length up to 9 mm. Alt ± 670 m. EC

GEOCALYCACEAE (incl. Lophocoleaceae)

Compiled by S.M. Perold

CHILOSCYPHUS Corda 9727800

dubius Gottsche = **Heteroscyphus dubius**

expansus (Lehm.) Nees = **Leptoscyphus expansus**

fasciculatus (Nees) Gottsche, Lindenb. & Nees = **Clasmatocolea fasciculata**

muricatus (Lehm.) J.J.Engel & R.M.Schust. = **Lophocolea muricata**

semiteres (Lehm.) Lindenb. = **Lophocolea semiteres**

CLASMATOCOLEA Spruce 9727900

(1) Arnell. 1963. *Hepaticae of South Africa*: 275–279.

(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 51.

fasciculata (Nees) Grolle

Chiloscyphus fasciculatus (Nees) Gottsche, Lindenb. & Nees (1)
Lophocolea fasciculata (Nees) S.W.Arnell & Grolle (1)

Perennial. Bryophyte. Length up to 60 mm. Alt 600–2100 m. WC

vermicularis (Lehm.) Grolle

Lophocolea subintegra (Hook.f. & Taylor) Grolle (2)

Perennial. Bryophyte. Length up to 30 mm. Alt 300–2450 m. LIM, G, M, KZN, L, WC

HETEROSCYPHUS Schiffn. 9732400

- (1) Arnell. 1963. *Hepaticae of South Africa*: 300–302.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 99, 100.

dubius (Gottsche) Schiffn.

Chiloscyphus dubius Gottsche (2)

Perennial. Bryophyte, occ. epiphyte. Length 50–60 mm. Alt 600–845 m. KZN, WC

LEPTOSCYPHUS Mitt. 9726600

- (1) Arnell. 1963. *Hepaticae of South Africa*: 262–269.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 134, 135.
(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 143.

bewsii Sim = **Lophocolea bewsii**

diversifolius (Gottsche) Grolle

Lophocolea diversifolia Gottsche (2)

Perennial. Bryophyte, occ. epiphyte. Length up to 4 mm. Alt 200–280 m. WC

expansus (Lehm.) Grolle

Chiloscyphus expansus (Lehm.) Nees (2)

L. iversenii (Pearson) Sim (2)

Plagiochila knysnana S.W.Arnell (2)

Perennial. Bryophyte, occ. epiphyte. Length up to 30 mm. Alt 280–620 m. L, WC

iversenii (Pearson) Sim = **L. expansus**

LOPHOCOLEA (Dumort.) Dumort. 9728000

- (1) Arnell. 1963. *Hepaticae of South Africa*: 279–300.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 137–142.
(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 143.

bewsii (Sim) Grolle

Leptoscyphus bewsii Sim (1, 2)

L. esterhuysenii S.W.Arnell (1, 2)

Perennial. Bryophyte. Length up to 20 mm. Alt 200–750 m. WC

bidentata (L.) Dumort. var. **bidentata**

L. cuspidata (Nees) Limpr. (2)

Perennial. Bryophyte. Length up to 40 mm. Alt 180–1400 m. KZN, WC, EC

concreta Mont.

L. rehmannii Steph. (2)

L. subrotunda Mitt. (2)

Perennial. Bryophyte, occ. epiphyte. Length up to 10 mm. Alt 600–1950 m. M, S, KZN, L, WC

congoana Steph. = **L. martiana**

cuspidata (Nees) Limpr. = **L. bidentata** var. **bidentata**

difformis Nees

L. macleana Steph. (2)

L. molleri Steph. (2)

Perennial. Bryophyte. Length up to 20 mm. Alt 150–2100 m. LIM, G, M, S, KZN, L, WC, EC

diversifolia Gottsche = **Leptoscyphus diversifolius**

dusenii Steph. = **L. lucida**

esterhuysenii S.W.Arnell = **L. bewsii**

fasciculata (Nees) S.W.Arnell & Grolle = **Clasmatocolea fasciculata**

fragrans (Moris & De Not.) Gottsche, Lindenb. & Nees

L. frappieri Steph. (1, 2)

Perennial. Bryophyte. Length 10–20 mm. Alt 400–700 m. WC

frappieri Steph. = **L. fragrans**

lucida (Spreng. ex Lehm.) Mont.

L. dusenii Steph. (2)

Perennial. Bryophyte. Length up to 5 mm. Alt 280–1200 m. KZN, WC

macleana Steph. = **L. difformis**

martiana Nees

L. congoana Steph. (2)

Perennial. Bryophyte. Length up to 50 mm. Alt 300–900 m. S, KZN, WC, EC

molleri Steph. = **L. difformis**

muricata (Lehm.) Nees

Chiloscyphus muricatus (Lehm.) J.J.Engel & R.M.Schust. (2)

L. spiniflora Steph. (2)

Perennial. Bryophyte, epiphyte. Length up to 15 mm. Alt 280–1200 m. KZN, WC, EC

rehmannii Steph. = **L. concreta**

semiteres (Lehm.) Mitt.

Chiloscyphus semiteres (Lehm.) Lindenb. (2)

Perennial. Bryophyte, rarely epiphyte. Length up to 20 mm. Alt 200–2100 m. M, KZN, WC

spiniflora Steph. = **L. muricata**

subintegra (Hook.f. & Taylor) Grolle = **Clasmatocolea vermicularis**

subrotunda Mitt. = **L. concreta**

GYMNOMITRIACEAE

Compiled by S.M. Perold

GYMNOMITRION Corda 9725400

- (1) Arnell. 1963. *Hepaticae of South Africa*: 309.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 96, 97.
(3) Vána. 1999. *Bryobrothera* 5: 228, 229.
(4) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 31.

andinum (Herzog) Herzog

Marsupella capensis S.W.Arnell (3, 4)

Perennial. Bryophyte. Length up to 10 mm. Alt 1200–1500 m. WC

laceratum (Steph.) T.Horik.

Perennial. Bryophyte. Length up to 8 mm. Alt 1200–2900 m. KZN, WC

scariosum (Lehm.) Nees = **Gongylanthus scariosus**

MARSUPELLA Dumort. 9725500

- (1) Arnell. 1963. *Hepaticae of South Africa*: 307–309.
(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 151, 152.

capensis S.W.Arnell = **Gymnomitron andinum**

sparsifolia (Lindb.) Dumort.

Perennial. Bryophyte. Length up to 10 mm. Alt? WC

STEPHANIELLA Jack

9725600

paraphyllina Jack

- (1) Arnell. 1963. *Hepaticae of South Africa*: 303–305.
 (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 223.

Perennial. Bryophyte. Length up to 4 mm. Alt 2900–3000 m. KZN, L

HAPLOMITRIACEAE

Compiled by S.M. Perold

HAPLOMITRIUM Nees

9782900

gibbsiae (Steph.) R.M.Schust.

- (1) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 142.
 (2) Wigginton *et al.* 2001. *Tropical Bryology* 20: 55–59.

Annual? Bryophyte. Length? Alt ± 2600 m. L

HERBERTACEAE

Compiled by S.M. Perold

HERBERTUS Gray

9733200

Perennial. Bryophyte, occ. epiphyte. Length up to 50 mm. Alt 1220–2850 m. LIM, M, KZN, L

- (1) Arnell. 1963. *Hepaticae of South Africa*: 310, 311.
 (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 98, 99.

capensis (Steph.) Sim

Schisma capense Steph. (1, 2)

SCHISMA Dumort.

9782100

capense Steph. = **Herbertus capensis**

JUBULACEAE

Compiled by S.M. Perold

FRULLANIA Raddi

9719600

Alt 950–1400 m. KZN, WC, EC

- (1) Arnell. 1963. *Hepaticae of South Africa*: 131–159.
 (2) Vanden Berghen. 1976. *Bulletin du Jardin Botanique National de Belgique* 46: 1–217.
 (3) Yuzawa. 1991. *Journal of the Hattori Botanical Laboratory* 70: 181–291.
 (4) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 80–94.
 (5) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 142.
 (6) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 27–30.

anderssonii Ångstr.

Perennial. Bryophyte. Length up to 80 mm. Alt ± 180 m. KZN

arecae (Spreng.) Gottsche

F. dentilobula Steph. (4)

F. mundiana Lindenb. & Gottsche (4)

Perennial. Bryophyte. Length 40–80 mm. Alt 500–2150 m. M, KZN, WC, EC

borgenii Pearson = **F. obscurifolia****brunnea** (Spreng.) Gottsche, Lindenb. & Nees

Perennial. Bryophyte, occ. epiphyte. Length 15–30(–40) mm. Alt 500–1200 m. WC

bursicula Steph. = **F. socotrana****caffraria** Steph.

Perennial. Bryophyte, epiphyte. Length 30–80 mm. Alt 60–1230 m. KZN, WC, EC

capensis Gottsche

F. rehmannii Steph. (2)

Perennial. Bryophyte, occ. epiphyte. Length 10–30 mm.

dentilobula Steph. = **F. arecae****depressa** Mitt.

F. natalensis Sim (1, 2)

Perennial. Bryophyte. Length 20–90 mm. Alt 1390–1795 m. M, KZN, L

diptera (Lehm.) Drège

Perennial. Bryophyte, epiphyte. Length 15–25 mm. Alt 180–1500 m. M, KZN, WC, EC

ecklonii (Spreng.) Gottsche, Lindenb. & Nees

F. emergens Mitt. (4)

Perennial. Bryophyte, occ. epiphyte. Length ± 50 mm. Alt? WC

emergens Mitt. = **F. ecklonii****eplicata** Steph.

Perennial. Bryophyte, occ. epiphyte. Length 20–35 mm. Alt ± 930 m. LIM

ericoides (Nees) Mont.

F. squarrosa Gottsche, Lindenb. & Nees (4)

Perennial. Bryophyte, epiphyte. Length 30–40 mm. Alt 60–2100 m. LIM, G, KZN, L, WC, EC

garsidei S.W.Arnell = **F. variegata****lindenbergi** Lehm.

Perennial. Bryophyte, epiphyte. Length 20–30 mm. Alt 920–1235 m. M, KZN, EC

mundiana Lindenb. & Gottsche = **F. arecae**

natalensis Sim = **F. depressa**

obscurifolia Mitt.

F. borgenii Pearson (2)

Perennial. Bryophyte, epiphyte. Length 10–20 mm. Alt 60–2160 m. S, KZN, L, WC, EC

rehmannii Steph. = **F. capensis**

serrata Gottsche

Perennial. Bryophyte. Length 40–100 mm. Alt 540–1500 m. LIM, KZN, WC, EC

socotrana Mitt.

F. bursicula Steph. (2, 4)

Perennial. Bryophyte, occ. epiphyte. Length 5–15 mm. Alt 300–1630 m. KZN, L

spongiosa Steph.

Perennial. Bryophyte. Length 20–40 mm. Alt ± 240 m. EC

squarrosa Gottsche, Lindenb. & Nees = **F. ericoides**

trinervis (Lehm.) Drège

Perennial. Bryophyte, occ. epiphyte. Length 20–30(–40) mm. Alt 60–2450 m. LIM, G, M, KZN, L, WC, EC

variegata Steph.

F. garsidei S.W.Arnell (2)

Perennial. Bryophyte, epiphyte. Length 15–30 mm. Alt 600–1200 m. KZN, WC

JUNGERMANNIACEAE

Compiled by S.M. Perold

ANASTROPHYLLUM (Spruce) 9723500
Steph.

- (1) Arnell. 1963. *Hepaticae of South Africa*: 363–365.
- (2) Vána. 1975. *Miscellanea Bryologica Lichenologica* 7: 25–27.
- (3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 16, 17.
- (4) Engel & Braggins. 1998. *Journal of Bryology* 20: 371–388.
- (5) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 141.

auritum (Lehm.) Steph.

A. gambaragarae Gola (1, 2, 3, 4)

Perennial. Bryophyte. Length up to 20 mm. Alt 900–3000 m. KZN, L, WC

gambaragarae Gola = **A. auritum**

minutum (Schreb.) R.M.Schust.

Sphenolobus minutus (Schreb.) Berggr. (2, 3)

Perennial. Bryophyte. Length 10–30 mm. Alt 730–3000 m. KZN, WC

CHANDONANTHUS Mitt. 9723600

- (1) Arnell. 1963. *Hepaticae of South Africa*: 354, 355.
- (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 42, 43.

hirtellus (F.Weber) Mitt.

Perennial. Bryophyte, occ. epiphyte. Length up to 80 mm. Alt 1580–2490 m. M

CRYPTOCHILA R.M.Schust. 9782200

- (1) Arnell. 1963. *Hepaticae of South Africa*: 322, 323.
- (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 65.

grandiflora (Lindenb. & Gottsche) Grolle

Jamesoniella grandiflora (Lindenb. & Gottsche) Steph. (1, 2)

Perennial. Bryophyte. Length 40–80 mm. Alt 1700–3000 m. KZN, WC

GYMNOCOLEOPSIS (R.M.Schust.) 9782300
R.M.Schust.

- (1) Arnell. 1963. *Hepaticae of South Africa*: 358–360.
- (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 96.

capensis (S.W.Arnell) R.M.Schust.

Lophozia capensis S.W.Arnell (1, 2)

Perennial. Bryophyte. Length up to 2 mm. Alt 300–350 m. WC

JAMESONIELLA (Spruce) 9723800
Carrington

- (1) Arnell. 1963. *Hepaticae of South Africa*: 319–324.

- (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 103, 104.

colorata (Lehm.) Schiffn.

J. oenops (Lindenb. & Gottsche) Steph. (2)

Perennial. Bryophyte. Length up to 100 mm. Alt 400–1200 m. KZN, WC

grandiflora (Lindenb. & Gottsche) Steph. = **Cryptochila grandiflora**

oenops (Lindenb. & Gottsche) Steph. = **J. colorata**

purpurascens Steph.

J. rehmannii Steph. (2)

Perennial. Bryophyte. Length up to 60 mm. Alt ± 480 m. WC

rehmannii Steph. = **J. purpurascens**

JUNGERMANNIA L. 9723900

- (1) Arnell. 1963. *Hepaticae of South Africa*: 316–319.
- (2) Vána. 1974. *Folia Geobotanica et Phytotaxonomica, Praha* 9: 277–312.
- (3) Vána. 1975. *Folia Geobotanica et Phytotaxonomica, Praha* 10: 357–382.
- (4) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 104–110.
- (5) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 142.
- (6) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 33–37.

austroafricana S.W.Arnell = **J. mildbraedii**

borgenii Gottsche ex Pearson

Solenostoma borgenii (Gottsche ex Pearson) Steph. (2, 3)

Solenostoma stoloniferum (Steph.) S.W.Arnell (1)

Perennial. Bryophyte. Length up to 15 mm. Alt 280–2100 m. KZN, WC

mildbraedii Steph.

J. austroafricana S.W.Arnell (3)

Solenostoma austroafricanum (S.W.Arnell) S.W.Arnell (1)

Perennial. Bryophyte. Length up to 14 mm. Alt 1200–2100 m. KZN, WC

muricata Lehm. = **Lophocolea muricata**

pocsii Vána

Perennial. Bryophyte. Length 7–30 mm. Alt ± 2500 m. KZN

pumila With.

Perennial. Bryophyte. Length 15–25 mm. Alt 2300–2900 m. KZN, L

sphaerocarpa Hook.

Solenostoma sphaerocarpum (Hook.) Steph. (2)
Perennial. Bryophyte. Length 5–40 mm. Alt 2900–3000 m. KZN, L

LOPHOZIA (Dumort.) Dumort. 9724000

- (1) Arnell. 1963. *Hepaticae of South Africa*: 356–366.
- (2) Vána. 1982. *Geobotanica et Phytotaxonomica, Praha* 17: 63–87.
- (3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 145, 146.
- (4) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 143.

argentina (Steph.) R.M.Schust.

L. montaguensis S.W.Arnell (1, 3)
Perennial. Bryophyte. Length up to 40 mm. Alt 790–2400 m. KZN, L, WC

capensis S.W.Arnell = **Gymnocoleopsis capensis**

montaguensis S.W.Arnell = **L. argentina**

NOTOSCYPHUS Mitt. 9724100

- (1) Arnell. 1963. *Hepaticae of South Africa*: 325–327.
- (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 165.

belangerianus (Lehm. & Lindenb.) Mitt. = **N. lutescens**

jackii (Steph.) Steph. = **N. lutescens**

lutescens (Lehm. & Lindenb.) Mitt.

N. belangerianus (Lehm. & Lindenb.) Mitt. (2)

N. jackii (Steph.) Steph. (2)

Perennial. Bryophyte. Length up to 15 mm. Alt 630–1450 m. LIM, NW, M, S, KZN, EC

SOLENOSTOMA Mitt. 9782400

austraffricanum (S.W.Arnell) S.W.Arnell = **Jungermannia mildbraedii**

borgenii (Gottsche ex Pearson) Steph. = **Jungermannia borgenii**

sphaerocarpum (Hook.) Steph. = **Jungermannia sphaerocarpa**

stoloniferum (Steph.) S.W.Arnell = **Jungermannia borgenii**

SPHENOLOBUS (Lindb.) Berggr. 9724200

minutus (Schreb.) Berggr. = **Anastrophyllum minutum**

TRITOMARIA Schiffn. ex Loeske 9782800

- (1) Vána. 1993. *Tropical Bryology* 8: 99–103.
- (2) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 145.
- (3) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 73.

exsecta (Schmidel) Loeske

Perennial. Bryophyte, epiphyte. Length 5–18 mm. Alt up to 2900 m. KZN



LEJEUNEACEAE

Compiled by S.M. Perold

ACANTHOCOLEUS R.M.Schust. 9721000

- (1) Arnell. 1963. *Hepaticae of South Africa*: 227–229.
- (2) Kruijt. 1988. *Bryophytorum Bibliotheca* 36: 62–104.
- (3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 11, 12.
- (4) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 6.

aberrans (Lindenb. & Gottsche) Kruijt var. **laevis** Gradst.

Dicranolejeunea atra (Mitt.) Vanden Berghen (3)
Lejeunea atra Mitt. (3)
Perennial. Bryophyte, epiphyte. Length 10–30 mm. Alt 1200–1500 m. KZN

chrysophyllus (Lehm.) Kruijt

Dicranolejeunea chrysophylla (Lehm.) Grolle (2, 3)
Dicranolejeunea natalensis (Sim) S.W.Arnell (1)
Perennial. Bryophyte, epiphyte. Length up to 30 mm. Alt 300–2100 m. KZN, L, EC

madagascariensis (Steph.) Kruijt

Dicranolejeunea madagascariensis Steph. (2, 3)
Perennial. Bryophyte. Length up to 10 mm. Alt ± 850 m. M

ANOMALOJEJUNEA (Spruce) Schiffn. 9720100

pluriplicata (Pearson) Schiffn. = **Cheilolejeunea pluriplicata**

APHANOLEJEJUNEA A.Evans 9720200

- (1) Arnell. 1963. *Hepaticae of South Africa*: 171, 172.
- (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 23, 24.

capensis (S.W.Arnell) S.W.Arnell

Cololejeunea capensis S.W.Arnell (1, 2)

Perennial. Bryophyte, occ. epiphyte. Length up to 3 mm. Alt 270–1200 m. M, WC

ARCHILEJEJUNEA (Spruce) Schiffn. 9720300

- (1) Arnell. 1963. *Hepaticae of South Africa*: 218, 219.
- (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 25–27.

elobulata Steph.

Perennial. Bryophyte, epiphyte. Length up to 25 mm. Alt ± 180 m. EC

rotundistipula (Lindenb. ex Lehm.) Sim = **Leucolejeunea rotundistipula**

BRACHIOLEJEJUNEA (Spruce) Schiffn. 9720400

- (1) Arnell. 1963. *Hepaticae of South Africa*: 224–226.
- (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 32, 33.

confertifolia Steph. = **Frullanoides tristis**

crenata Sim = **Frullanoides tristis**

phyllorhiza (Nees) Kruijt & Gradst.

Dicranolejeunea phyllorhiza (Nees) Schiffn. (1, 2)
Perennial. Bryophyte, epiphyte. Length up to 30 mm. Alt 900–2100 m. LIM, KZN

tristis (Steph.) Steph. = **Frullanoides tristis**

CAUDALEJEJUNEA (Steph.) Schiffn. 9720500

- (1) Arnell. 1963. *Hepaticae of South Africa*: 236, 237.
- (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 35–37.
- (3) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 73.

africana (Steph.) Steph.

Thysananthus africanus (Sim) S.W.Arnell, illegitimate name (1, 2, 3)

Perennial. Bryophyte, epiphyte. Length up to 20 mm. Alt ± 1390 m. EC

hanningtonii (Mitt.) Schiffn.

Lejeunea hanningtonii Mitt. (2)

Perennial. Bryophyte, epiphyte. Length 40–50 mm. Alt ± 180 m. EC

CHEILOLEJEUNEA (Spruce) 9720600 Schiffn.

- (1) Arnell. 1963. *Hepaticae of South Africa*: 209–211.
- (2) Jones. 1988. *Journal of Bryology* 15: 149–160.
- (3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 43–49.
- (4) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 16.

convexa (S.W.Arnell) S.W.Arnell

Lejeunea convexa S.W.Arnell (1, 2)

Perennial. Bryophyte. Length up to 15 mm. Alt 900–1080 m. WC

inflata Steph. = **C. intertexta****intertexta** (Lindenb.) Steph.

C. inflata Steph. (2)

Lejeunea intertexta Lindenb. (2)

Perennial. Bryophyte. Length up to 20 mm. Alt 180–1480 m. KZN, EC

krakakammae (Lindenb.) R.M.Schust.

Lejeunea brevifissa Gottsche (2, 3)

Lejeunea krakakammae Lindenb. (2, 3)

Perennial. Bryophyte, epiphyte. Length up to 20 mm. Alt 150–2100 m. M, KZN, EC

pluriplicata (Pearson) R.M.Schust.

Anomalolejeunea pluriplicata (Pearson) Schiffn. (2)

Lejeunea pluriplicata Pearson (2)

Perennial. Bryophyte, occ. epiphyte. Length up to 20 mm. Alt 280–620 m. WC

pocsii E.W.Jones

Perennial. Bryophyte. Length up to 14 mm. Alt up to 600 m. KZN

rufescens (Lindenb.) Grolle

Perennial. Bryophyte. Length? Alt? WC

COLOLEJEUNEA (Spruce) 9720800 Schiffn.

- (1) Arnell. 1963. *Hepaticae of South Africa*: 166–171.
- (2) Perold. 1992. *Bothalia* 22: 177–182.
- (3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 51–62.
- (4) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 141.

capensis S.W.Arnell = **Aphanolejeunea capensis****cardiocarpa** (Mont.) A.Evans

Lejeunea cardiocarpa Mont. (3)

Leptocolea cardiocarpa (Mont.) A.Evans (3)

Leptocolea cristata (Steph.) E.W.Jones var. *lanciloba* S.W.Arnell, misapplied name (3)

Perennial. Bryophyte, epiphyte. Length up to 6 mm. Alt 400–1390 m. S, EC

dissita E.W.Jones = **C. minutissima** subsp. **myriocarpa****minutissima** (Sm.) Schiffn. subsp. **minutissima**

Lejeunea minutissima (Sm.) Spreng., illegitimate name (3)

Perennial. Bryophyte. Length 1–3 mm. Alt 600–1500 m. KZN

minutissima (Sm.) Schiffn. subsp. **myriocarpa** (Nees & Mont.) R.M.Schust.

C. dissita E.W.Jones (3)

C. myriantha (Herzog) S.W.Arnell (3)

C. myriocarpa (Nees & Mont.) C.Massal. (3)

Perennial. Bryophyte, epiphyte. Length 1–5 mm. Alt 300–1700 m. M, KZN, L

mocambiquensis S.W.Arnell

Perennial. Bryophyte, epiphyte. Length up to 2 mm. Alt 1200–1580 m. LIM, EC

myriantha (Herzog) S.W.Arnell = **C. minutissima** subsp. **myriocarpa**

myriocarpa (Nees & Mont.) C.Massal. = **C. minutissima** subsp. **myriocarpa**

occidentalis (E.W.Jones) Vanden Berghen

Leptocolea cristata (Steph.) E.W.Jones var. *occidentalis* E.W.Jones (3)

Perennial. Bryophyte. Length? Alt? Distr.?

oleana Sim

Perennial. Bryophyte, epiphyte. Length 5–12 mm. Alt ± 370 m. EC

COLURA (Dumort.) Dumort. 9720900

- (1) Arnell. 1963. *Hepaticae of South Africa*: 176–178.
- (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 62–64.
- (3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 141.
- (4) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 21, 22.

calyptrifolia (Hook.) Dumort.

Lejeunea calyptrifolia (Hook.) Spreng., illegitimate name (4)

Perennial. Bryophyte. Length 2–4 mm. Alt ± 1790 m. M, S, KZN

calyptrifolia (Hook.) Dumort. subsp. *tenuicornis* (A.Evans) Vanden Berghen = **C. tenuicornis**

tenuicornis (A.Evans) Steph.

C. calyptrifolia (Hook.) Dumort. subsp. *tenuicornis* (A.Evans) Vanden Berghen (2)

Perennial. Bryophyte, epiphyte. Length up to 2 mm. Alt ± 1200 m. KZN

DICRANOLEJEUNEA Steph. 9721000

atra (Mitt.) Vanden Berghen = **Acanthocoleus aberrans** var. **laevis**

chrysophylla (Lehm.) Grolle = **Acanthocoleus chrysophyllus**

madagascariensis Steph. = **Acanthocoleus madagascariensis**

natalensis (Sim) S.W.Arnell = **Acanthocoleus chrysophyllus**

phyllorhiza (Nees) Schiffn. = **Brachiolejeunea phyllorhiza**

DIPLASIOLEJEUNEA (Spruce) 9721100 Schiffn.

- (1) Arnell. 1963. *Hepaticae of South Africa*: 163–166.
 - (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 68–70.
- brachyclada* A.Evans = **D. cavifolia**

cavifolia Steph.

D. brachyclada A.Evans (2)

Perennial. Bryophyte, epiphyte. Length up to 20 mm. Alt ± 1200 m. KZN

kraussiana (Lindenb.) Steph.

Lejeunea kraussiana Lindenb. in Gottsche, Lindenb. & Nees (1, 2)

Perennial. Bryophyte, epiphyte. Length up to 5 mm. Alt 620–1030 m. WC

DREPANOLEJEUNEA (Spruce) 9721200
Schiffn.

- (1) Arnell. 1963. *Hepaticae of South Africa*: 178–182.
 (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 71–74.
 (3) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 24.

capensis Steph. = **D. hamatifolia**

hamatifolia (Hook.) Schiffn.

D. capensis Steph. (2)

Perennial. Bryophyte, epiphyte. Length up to 10 mm.
 Alt 280–1750 m. M, KZN, WC

papillosa S.W.Arnell

Perennial. Bryophyte, epiphyte. Length up to 7 mm.
 Alt ± 500 m. WC

physaefolia (Gottsche) Steph.

D. vesiculosa (Mitt.) Steph. (3)

Perennial. Bryophyte, epiphyte. Length up to 3 mm.
 Alt 1200–1500 m. LIM, KZN

vesiculosa (Mitt.) Steph. = **D. physaefolia**

EULEJEUNEA Steph. 9721250

caespitosa (Lindenb.) Steph. = **Lejeunea caespitosa**

FRULLANOIDES Raddi 9721300

- (1) Arnell. 1963. *Hepaticae of South Africa*: 224–226.
 (2) Van Slageren. 1985. *Mededelingen van het Botanisch Museum en Herbarium van de Rijksuniversiteit te Utrecht* 544: 76–126.
 (3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 94.

tristis (Steph.) Van Slageren

Brachiolejeunea confertifolia Steph. (2, 3)

Brachiolejeunea crenata Sim (1, 3)

Brachiolejeunea tristis (Steph.) Steph. (2, 3)

Perennial. Bryophyte, epiphyte. Length 10–25 mm.
 Alt 900–1500 m. LIM, KZN, EC

INFLATOLEJEUNEA S.W.Arnell 9721400

capensis (Gottsche) S.W.Arnell = **Lejeunea capensis**

LEJEUNEA Lib. 9721500

- (1) Arnell. 1963. *Hepaticae of South Africa*: 184–194, 198–208.
 (2) Grolle. 1977. *Journal of Bryology* 9: 529–538.
 (3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 112–127.
 (4) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 143.
 (5) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 37–43.

africana (Steph.) Steph. = **Microlejeunea africana**

arnelliana R.M.Schust. = **L. villaumei**

atra Mitt. = **Acanthocoleus aberrans** var. **laevis**

brevifissa Gottsche = **Cheilejeunea krakakammae**

brittoniae (A.Evans) Grolle = **L. phyllobola**

caespitosa Lindenb.

Eulejeunea caespitosa (Lindenb.) Steph. (3)

Perennial. Bryophyte, epiphyte. Length up to 15 mm.
 Alt 300–1800 m. M, KZN, WC, EC

calyptrifolia (Hook.) Spreng., illegitimate name = **Colura calyptrifolia**

capensis Gottsche

Inflatolejeunea capensis (Gottsche) S.W.Arnell (1, 3, 5)

Perennial. Bryophyte, occ. epiphyte. Length up to 10 mm.
 Alt 260–2400 m. LIM, KZN, L, WC

cardiocalpa Mont. = **Cololejeunea cardiocalpa**

conformis Nees & Mont. = **Taxilejeunea conformis**

convexa S.W.Arnell = **Cheilejeunea convexa**

duncaniae (Sim) S.W.Arnell

Stylolejeunea duncaniae Sim (1)

Perennial. Bryophyte, epiphyte. Length up to 10 mm.
 Alt 180–225 m. KZN, EC

eckloniana Lindenb. in Gottsche, Lindenb. & Nees

L. microlobulata S.W.Arnell (1, 3)

L. wilmsii (Steph.) Steph. (1, 3)

Perennial. Bryophyte, epiphyte. Length up to 8 mm.
 Alt 200–2900 m. LIM, KZN, L, WC, EC

expansa (Steph.) Steph. = **L. tabularis**

flava (Sw.) Nees, not in *FSA* region (5)

hanningtonii Mitt. = **Caudalejeunea hanningtonii**

helenae Pearson

Microlejeunea helenae (Pearson) Sim (3)

Perennial. Bryophyte, epiphyte. Length up to 8 mm.
 Alt 180–1750 m. LIM, KZN, EC

intertexta Lindenb. = **Cheilejeunea intertexta**

isomorpha Gottsche, name confused in southern African plants with **L. isophylla** (3)

isophylla E.W.Jones

Perennial. Bryophyte, epiphyte. Length up to 3 mm. Alt
 1480–1600 m. M

krakakammae Lindenb. = **Cheilejeunea krakakammae**

kraussiana Lindenb. in Gottsche, Lindenb. & Nees =
Diplasiolejeunea kraussiana

letabaensis S.W.Arnell = **L. rhodesiae**

microlobulata S.W.Arnell = **L. eckloniana**

minutissima (Sm.) Spreng., illegitimate name = **Cololejeunea minutissima** subsp. **minutissima**

nigricans Lindenb. = **Lopholejeunea nigricans**

phyllobola Nees & Mont.

L. brittoniae (A.Evans) Grolle (5)

Rectolejeunea arnellii E.W.Jones (3)

Perennial. Bryophyte, epiphyte. Length ± 5 mm. Alt ±
 280 m. WC

pluriplicata Pearson = **Cheilejeunea pluriplicata**

rhodesiae (Sim) R.M.Schust.

L. letabaensis S.W.Arnell (3)

Rectolejeunea rhodesiae (Sim) S.W.Arnell (3)

Perennial. Bryophyte, epiphyte. Length up to 12 mm.
 Alt 180–2400 m. LIM, KZN, L, WC, EC

rotundistipula (Lindenb. ex Lehm.) Mont. = **Leucolejeunea rotundistipula**

subfusca (Nees) Nees & Mont. = **Lopholejeunea subfusca**

tabularis (Spreng.) Gottsche

L. expansa (Steph.) Steph. (3)

Perennial. Bryophyte, epiphyte. Length up to 3 mm.
 Alt 1200–2300 m. M, KZN, L

unciloba Lindenb. in Gottsche, Lindenb. & Nees =
Leucolejeunea unciloba

villaumei (Steph.) Grolle

L. arnelliana R.M.Schust. (3)

Perennial. Bryophyte, epiphyte. Length up to 10 mm.
 Alt 200–1090 m. WC

wilmsii (Steph.) Steph. = **L. eckloniana**

xanthocarpa (Lehm. & Lindenb.) Gottsche, Lindenb. &
 Nees = **Leucolejeunea xanthocarpa**

LEPTOCOLEA (Spruce) A.Evans 9721600*cardiocarpa* (Mont.) A.Evans = **Cololejeunea cardiocarpa***crinata* (Steph.) E.W.Jones var. *lanciloba* S.W.Arnell, misapplied name = **Cololejeunea cardiocarpa***crinata* (Steph.) E.W.Jones var. *occidentalis* E.W.Jones = **Cololejeunea occidentalis****LEUCOLEJEUNEA** A.Evans 9721700(1) Arnell. 1963. *Hepaticae of South Africa*: 220–222.(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 136, 137.(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 143.*capensis* S.W.Arnell = **L. xanthocarpa****rotundistipula** (Lindenb. ex Lehm.) A.Evans*Archilejeunea rotundistipula* (Lindenb. ex Lehm.) Sim (1)*Lejeunea rotundistipula* (Lindenb. ex Lehm.) Mont. (2)

Perennial. Bryophyte, occ. epiphyte. Length up to 20 mm. Alt 500–2400 m. KZN, L, WC, EC

unciloba (Lindenb.) A.Evans*Lejeunea unciloba* Lindenb. in Gottsche, Lindenb. & Nees (2)

Perennial. Bryophyte, epiphyte. Length up to 15 mm. Alt 620–1190 m. KZN, WC

xanthocarpa (Lehm. & Lindenb.) A.Evans*L. capensis* S.W.Arnell (1, 2)*Lejeunea xanthocarpa* (Lehm. & Lindenb.) Gottsche, Lindenb. & Nees (2)

Perennial. Bryophyte, epiphyte. Length up to 30 mm. Alt 500–1330 m. LIM, KZN, WC, EC

LOPHOLEJEUNEA (Spruce) 9721800
Schiffn.(1) Sim. 1926. *Transactions of the Royal Society of South Africa* 15: 54, 55.(2) Arnell. 1963. *Hepaticae of South Africa*: 213–215.(3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 142–145.*fragilis* Steph. = **L. nigricans****nigricans** (Lindenb.) Schiffn.*Lejeunea nigricans* Lindenb. (3)*L. fragilis* Steph. (3)*L. palustris* (Sim) S.W.Arnell (3)

Perennial. Bryophyte, occ. epiphyte. Length up to 35 mm. Alt 950–2450 m. M, KZN

palustris (Sim) S.W.Arnell = **L. nigricans****subfusca** (Nees) Schiffn.*Lejeunea subfusca* (Nees) Nees & Mont. (3)

Perennial. Bryophyte, occ. epiphyte. Length up to 40 mm. Alt 1850–1960 m. KZN

MARCHESINIA Gray 9721900*madagassa* Steph., not in FSA region**MICROLEJEUNEA** Steph. 9722100(1) Arnell. 1963. *Hepaticae of South Africa*: 195–197.(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 161–163.(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 144.**africana** Steph.*Lejeunea africana* (Steph.) Steph. (2)

Perennial. Bryophyte, epiphyte. Length up to 12 mm. Alt 180–2900 m. KZN, L, WC, EC

helenae (Pearson) Sim = **Lejeunea helenae****PHRAGMILEJEUNEA** R.M.Schust. 9722200*molleri* (Steph.) R.M.Schust. = **Schiffneriolejeunea polycarpa***pappeana* (Nees) R.M.Schust. = **Schiffneriolejeunea pappeana****PTYCHANTHUS** Nees 9722400(1) Arnell. 1963. *Hepaticae of South Africa*: 215–218.(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 194–195.*dioicus* (Sim) S.W.Arnell = **P. striatus****striatus** (Lehm. & Lindenb.) Nees*P. dioicus* (Sim) S.W.Arnell (2)

Perennial. Bryophyte, epiphyte. Length up to 10 mm. Alt 900–2450 m. LIM, M, S, KZN, WC, EC

RECTOLEJEUNEA A.Evans 9722600*arnellii* E.W.Jones = **Lejeunea phyllobola***rhodesiae* (Sim) S.W.Arnell = **Lejeunea rhodesiae****SCHIFFNERIOLEJEUNEA** Verd. 9782500(1) Arnell. 1963. *Hepaticae of South Africa*: 232–234.(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 218–220.**pappeana** (Nees) Gradst.*Phragmillejeunea pappeana* (Nees) R.M.Schust. (2)

Perennial. Bryophyte, epiphyte. Length up to 30 mm. Alt 490–1200 m. WC, EC

polycarpa (Nees) Gradst.*Phragmillejeunea molleri* (Steph.) R.M.Schust. (2)

Perennial. Bryophyte, epiphyte. Length 10–30 mm. Alt 180–900 m. KZN, WC, EC

STYLOLEJEUNEA Sim 9722800*duncaniae* Sim = **Lejeunea duncaniae****TAXILEJEUNEA** (Spruce) Schiffn. 9722900(1) Arnell. 1963. *Hepaticae of South Africa*: 182–184.(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 228, 229.(3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 145.**conformis** (Nees & Mont.) Steph.*Lejeunea conformis* Nees & Mont. (1, 2)

Perennial. Bryophyte, epiphyte. Length up to 20 mm. Alt 490–1500 m. KZN, WC

vallis-gratiae Steph.

Perennial. Bryophyte, epiphyte. Length up to 40 mm. Alt 500–2300 m. G, KZN, L, WC, EC

THYSANANTHUS Lindenb. 9723000*africanus* (Sim) S.W.Arnell, illegitimate name = **Caudalejeunea africana**

LEPICOLEACEAE

Compiled by S.M. Perold

LEPICOLEA Dumort.

9732700

- (1) Arnell. 1963. *Hepaticae of South Africa*: 368, 369.
 (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 127.

ochroleuca (Spreng.) Spruce

Perennial. Bryophyte, occ. epiphyte. Length up to 100 mm. Alt 600–1700 m. WC

LEPIDOZIACEAE

Compiled by S.M. Perold

ACROMASTIGUM A.Evans 9731400

- (1) Arnell. 1963. *Hepaticae of South Africa*: 383, 384.
 (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 14.

exile (Lindenb.) A.Evans*Bazzania pellucida* Sim (1, 2)

Perennial. Bryophyte. Length up to 60 mm. Alt 450–1390 m. WC, EC

ARACHNIOPSIS Spruce 9731500

- (1) Arnell. 1963. *Hepaticae of South Africa*: 385–387.
 (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 24, 25.
 (3) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 73.

coactilis Spruce = **A. diacantha****diacantha** (Mont.) M.Howe*A. coactilis* Spruce (1, 2)*Telaranea sejuncta* (Ångstr.) S.W.Arnell (3)

Perennial. Bryophyte, occ. epiphyte. Length up to 20 mm. Alt 300–1200 m. LIM, KZN, WC, EC

BAZZANIA Gray 9731600

- (1) Arnell. 1963. *Hepaticae of South Africa*: 387–392.
 (2) Jones. 1975. *Journal of Bryology* 8: 299–316.
 (3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 30–32.

borbonica (Steph.) Steph. = **B. praerupta***convexa* (Lindenb.) Trevis. = **B. nitida****decrescens** (Lehm. & Lindenb.) Trevis.*B. fusca* Steph. (3)

Perennial. Bryophyte. Length up to 20 mm. Alt 1350–1580 m. M, S

fusca Steph. = **B. decrescens****nitida** (F.Weber) Grolle*B. convexa* (Lindenb.) Trevis. (3)

Perennial. Bryophyte, occ. epiphyte. Length up to 30 mm. Alt 500–1350 m. M, KZN, WC, EC

pellucida Sim = **Acromastigum exile****praerupta** (Reinw., Blume & Nees) Trevis.*B. borbonica* (Steph.) Steph. (3)

Perennial. Bryophyte. Length 30–60 mm. Alt ± 1850 m. M

HYALOLEPIDOZIA S.W.Arnell 9731700
ex Grolle

bicuspidata (C.Massal.) S.W.Arnell ex Grolle = **Paracromastigum tristanianum**

KURZIA G.Martens 9731800

- (1) Arnell. 1963. *Hepaticae of South Africa*: 374–378.

- (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 111, 112.

capillaris (Sw.) Grolle subsp. **capillaris** var. **capillaris***Lepidozia capillaris* (Sw.) Lindenb. (2)*Microlepidozia tabularis* (Steph.) S.W.Arnell (1)

Perennial. Bryophyte. Length up to 40 mm. Alt 300–1250 m. WC

irregularis (Steph.) Grolle*Lepidozia irregularis* Steph. (1, 2)

Perennial. Bryophyte. Length up to 50 mm. Alt ± 1250 m. WC

LEPIDOZIA Dumort. 9731900

- (1) Arnell. 1963. *Hepaticae of South Africa*: 378–383.
 (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 127–131.
 (3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 133–155.
 (4) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 43, 44.

bicuspidata C.Massal. = **Paracromastigum tristanianum**

capillaris (Sw.) Lindenb. = **Kurzia capillaris** subsp. **capillaris** var. **capillaris**

cupressina (Sw.) Lindenb. subsp. **cupressina***L. truncatella* Nees (1)

Perennial. Bryophyte. Length up to 50 mm. Alt 260–3090 m. LIM, L, WC, EC

cupressina (Sw.) Lindenb. subsp. **natalensis** (Steph.)

Pócs

L. natalensis Steph. (1)

Perennial. Bryophyte. Length up to 25 mm. Alt 180–900 m. WC, EC

hyalina Steph. = **L. pearsonii***irregularis* Steph. = **Kurzia irregularis***natalensis* Steph. = **L. cupressina** subsp. **natalensis**

nematodes (Gottsche ex Austin) Spruce = **Telaranea nematodes**

pearsonii Spruce*L. hyalina* Steph. (2)

Perennial. Bryophyte. Length up to 60 mm. Alt ± 2100 m. KZN

spinosa S.W.Arnell = **Psiloclada clandestina****stuhlmannii** Steph. subsp. **stuhlmannii**

Perennial. Bryophyte, epiphyte. Length up to 30 mm. Alt 1800–2600 m. LIM, KZN

succulenta Sim = **Paracromastigum succulentum***truncatella* Nees = **L. cupressina** subsp. **cupressina**

MICROLEPIDOZIA Spruce 9732000*succulenta* (Sim) S.W.Arnell = **Paracromastigum succulentum***tabularis* (Steph.) S.W.Arnell = **Kurzia capillaris** subsp. **capillaris** var. **capillaris****PARACROMASTIGUM** Fulford & J.Taylor 9732300

- (1) Sim. 1926. *Transactions of the Royal Society of South Africa* 15: 90.
 (2) Engel & Smith Merrill. 2001. *The Bryologist* 104: 151–153.
 (3) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 53, 55, 73.

succulentum (Sim) J.J.Engel & G.L.S.Merr.*Lepidozia succulenta* Sim (2)*Microlepidozia succulenta* (Sim) S.W.Arnell (2)*Telaranea succulenta* (Sim) Grolle (3)

Perennial. Bryophyte. Length 20–40 mm. Alt ± 770 m. WC

tristanianum (R.M.Schust.) R.M.Schust.*Hyalolepidozia bicuspidata* (C.Massal.) S.W.Arnell ex Grolle (3)*Lepidozia bicuspidata* C.Massal. (3)

Perennial. Bryophyte. Length up to 15 mm. Alt ± 900 m. WC

PSILOCLADA Mitt. 9732100(1) Arnell. 1963. *Hepaticae of South Africa*: 384, 385.(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 194.**clandestina** Mitt.*Lepidozia spinosa* S.W.Arnell (1)

Perennial. Bryophyte, occ. epiphyte. Length up to 25 mm. Alt 260–1710 m. G, M, WC

TELARANEA Spruce 9732200(1) Arnell. 1963. *Hepaticae of South Africa*: 372–374.(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 229, 230.(3) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 73.**nematodes** (Gottsche ex Austin) M.Howe*Lepidozia nematodes* (Gottsche ex Austin) Spruce (2)

Perennial. Bryophyte. Length up to 14 mm. Alt 370–1600 m. LIM, NW, M, S, KZN, WC, EC

sejuncta (Ångstr.) S.W.Arnell = **Arachniopsis diacantha***succulenta* (Sim) Grolle = **Paracromastigum succulentum****LUNULARIACEAE**

Compiled by S.M. Perold

LUNULARIA Adans. 9711500

- (1) Perold. 1999.
- FSA Hepatophyta*
- 1,1: 21–25.

cruciata (L.) Dumort. ex Lindb.

Perennial. Bryophyte. Length 40–55 mm. Alt 30–1640 m. G, M, KZN, WC, EC

MARCHANTIACEAE

Compiled by S.M. Perold

DUMORTIERA Nees 9713100

- (1) Perold. 1999.
- FSA Hepatophyta*
- 1,1: 103–107.

hirsuta (Sw.) Nees

Perennial, occ. annual. Bryophyte. Length up to 200 mm. Alt 200–1800 m. LIM, NW, M, S, KZN, WC, EC

MARCHANTIA L. 9713200

- (1) Perold. 1999.
- FSA Hepatophyta*
- 1,1: 82–101.

berteroana Lehm. & Lindenb.*M. contracta* Bisch. (1)*M. tabularis* Nees (1)

Perennial. Bryophyte. Length up to 20 mm. Alt 30–1545 m. LIM, M, KZN, WC, EC

contracta Bisch. = **M. berteroana****debilis** K.I.Goebel

Perennial. Bryophyte. Length 5–12 mm. Alt 120–2100 m. LIM, G, M, S, FS, KZN, L, EC

paleacea Bertol.

Perennial. Bryophyte. Length up to 15 mm. Alt ± 1200 m. M

pappeana Lehm. subsp. **pappeana***M. parviloba* Steph. (1)*M. planiloba* Steph. (1)*M. wilmsii* Steph. (1)

Perennial. Bryophyte. Length 10–15 mm. Alt 250–2150 m. LIM, G, M, S, FS, KZN, L

parviloba Steph. = **M. pappeana** subsp. **pappeana***planiloba* Steph. = **M. pappeana** subsp. **pappeana*****polymorpha** L. subsp. **ruderalis** Bischl. & Boisselier
Perennial. Bryophyte. Length up to 35 mm. Alt? G (cultivated only)*tabularis* Nees = **M. berteroana***wilmsii* Steph. = **M. pappeana** subsp. **pappeana**

METZGERIACEAE

Compiled by S.M. Perold

METZGERIA Raddi

9717400

- (1) Arnell. 1963. *Hepaticae of South Africa*: 99–106.
- (2) Kuwahara. 1986. *Bryophytorum Bibliotheca* 28: 13–228.
- (3) Piippo. 1991. *Acta Botanica Fennica* 143: 1–22.
- (4) Pócs. 1993. *Tropical Bryology* 8: 105–108.
- (5) Grolle. 1995. *Bryophytorum Bibliotheca* 48: 102, 103.
- (6) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 157–161.
- (7) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 143.
- (8) Veltman *et al.* 2000. *South African Journal of Botany* 66: 112–114.
- (9) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 51, 52.

africana Steph., to be clarified (9)

agnewii Kuwah.

Perennial. Bryophyte, occ. epiphyte. Length 4–8 mm.
Alt 1500–2400 m. KZN, L

australis Steph.

M. madagassa Steph., illegitimate name (5)
M. thomeensis Steph. (5)

Perennial. Bryophyte, epiphyte. Length up to 30 mm.
Alt ± 540 m. EC

brunnthaleri Steph. = **M. nudifrons**

capensis S.W.Arnell = **M. decipiens**

conjugata Lindb.

Perennial. Bryophyte, occ. epiphyte. Length 10–40 mm.
Alt? Distr.?

consanguinea Schiffn.

Perennial. Bryophyte, occ. epiphyte. Length 8–20 mm.
Alt up to 2400 m. L

corralensis Steph. (presence in FSA region doubtful)

decipiens (C.Massal.) Schiffn.

M. capensis S.W.Arnell (6)
M. perrotana Steph. (6)

Perennial. Bryophyte, epiphyte. Length 10–20 mm.
Alt 180–1050 m. WC, EC

elliottii Steph.

M. latifrons Steph. (1)

Perennial. Bryophyte, occ. epiphyte. Length 10–20 mm.
Alt 260–1800 m. KZN, WC

latifrons Steph. = **M. elliotii**

leptoneura Spruce, not in FSA region (6, 9)

limbato-setosa Steph.

Perennial. Bryophyte, epiphyte. Length 20–40 mm. Alt
300–1850 m. KZN, WC, EC

madagassa Steph., illegitimate name = **M. australis**

nicomariei Veltman, Potgieter & A.E.van Wyk

Perennial. Bryophyte, epiphyte. Length 1.2–1.5 mm.
Alt ± 680 m. M

nudifrons Steph.

M. brunthaleri Steph. (1)

Perennial. Bryophyte, epiphyte. Length 20–40 mm. Alt
225–2150 m. LIM, KZN, L, WC, EC

perrotana Steph. = **M. decipiens**

quadrifaria Steph.

Perennial. Bryophyte, epiphyte. Length 10–40 mm. Alt
up to 2950 m. L

saxbyi Pearson

Perennial. Bryophyte, occ. epiphyte. Length 10–30 mm.
Alt 625–770 m. S, WC

tabularis Steph.

Perennial. Bryophyte. Length up to 30 mm. Alt 300–
1950 m. M, KZN, WC

thomeensis Steph. = **M. australis**

violacea (Ach.) Dumort.

Perennial. Bryophyte, epiphyte. Length up to 10 mm.
Alt ± 1200 m. KZN

MONOCARPACEAE

Compiled by S.M. Perold

MONOCARPUS D.J.Carr

9714900

- (1) Carr. 1956. *Australian Journal of Botany* 4: 175–191.
- (2) Perold. 1999. *Bothalia* 29: 225–230.

sphaerocarpus D.J.Carr

Carrpos sphaerocarpos (D.J.Carr) Prosk. (2)

Annual. Bryophyte. Ht up to 1.6 mm. Alt ± 530 m. WC

CARRPOS Prosk.

9714800

sphaerocarpos (D.J.Carr) Prosk. = **Monocarpus sphaerocarpos**

OXYMITRACEAE

Compiled by S.M. Perold

OXYMITRA Bisch.

9713700

- (1) Perold. 1999. *FSA Hepatophyta* 1,1: 108–111.

cristata Garside ex Perold

Perennial. Bryophyte. Length up to 12 mm. Alt 1280–
1960 m. N, FS, NC, EC

PALLAVICINIACEAE

Compiled by S.M. Perold

JENSENIA Lindb.

9717900

- (1) Perold. 1993. *Bothalia* 23: 223–229.
 (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 104.

spinosa (Lindenb. & Gottsche) Grolle

J. stephanii (J.B.Jack) E.W.Jones (1)
Pallavicinia stephanii J.B.Jack (2)
Symphogyna spinosa Lindenb. & Gottsche (2)

Perennial. Bryophyte. Length up to 15 mm. Alt ± 1500 m. M

stephanii (J.B.Jack) E.W.Jones = **J. spinosa**

PALLAVICINIA Gray

9718000

- (1) Perold. 1993. *Bothalia* 23: 15–23.
 (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 168, 169.
 (3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 144.

lyellii (Hook.) Carruth.

P. pilifera Steph. (1, 2)
 Perennial. Bryophyte. Length up to 60 mm. Alt 280–2000 m. LIM, NW, M, KZN, L, WC

pilifera Steph. = **P. lyellii**

stephanii J.B.Jack = **Jensenia spinosa**

SYMPHYOGYNA Nees & Mont. 9718100

- (1) Perold. 1992. *Bothalia* 22: 53–58.
 (2) Perold. 1993. *Bothalia* 23: 15–23.
 (3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 224–226.

brasiliensis Nees & Mont.

S. lehmanniana Mont. & Nees in Gottsche, Lindenb. & Nees (1, 3)
 Perennial. Bryophyte. Length 10–20 mm. Alt 280–2100 m. LIM, G, M, S, KZN, WC, EC

harveyana Taylor = **S. podophylla**

lehmanniana Mont. & Nees in Gottsche, Lindenb. & Nees = **S. brasiliensis**

podophylla (Thunb.) Mont. & Nees

S. harveyana Taylor (2, 3)
S. rhizobola (Schwägr.) Nees (2, 3)
 Perennial. Bryophyte. Length up to 15 mm. Alt 60–2000 m. LIM, NW, M, S, KZN, WC, EC

rhizobola (Schwägr.) Nees = **S. podophylla**

spinosa Lindenb. & Gottsche = **Jensenia spinosa**

PLAGIOCHILACEAE

Compiled by S.M. Perold

PLAGIOCHILA (Dumort.) Dumort. 9726700

- (1) Jones. 1962. *Transactions of the British Bryological Society* 4: 254–325.
 (2) Arnell. 1963. *Hepaticae of South Africa*: 243–261.
 (3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 174–190.
 (4) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 144.

capensis Steph. = **P. kiaeri** var. **capensis**

corniculata of author, not of Dumort., illegitimate name = **P. exigua**

corymbulosa Pearson = **P. heterostipa**

crispulo-caudata Gottsche = **P. squamulosa** var. **crispulo-caudata**

divergens Steph. var. *capensis* (Steph.) E.W.Jones = **P. kiaeri** var. **capensis**

esterhuysenii S.W.Arnell = **P. squamulosa** var. **crispulo-caudata**

exigua (Taylor) Taylor

P. corniculata of author, not of Dumort., illegitimate name (3)
P. lophophora R.M.Schust. (3)
 Perennial. Bryophyte. Length up to 20 mm. Alt 600–2900 m. KZN, L

fuscovirens Steph. = **P. squamulosa** var. **crispulo-caudata**

haumannii Herzog

Perennial. Bryophyte. Length? Alt 600–900 m. WC

heterostipa Steph.

P. corymbulosa Pearson (1)
P. natalensis Pearson (1)
 Perennial. Bryophyte, occ. epiphyte. Length 30–50 mm. Alt 500–1800 m. LIM, M, S, KZN, WC, EC

injasutiensis S.W.Arnell, not accepted (3)

kiaeri Gottsche var. **capensis** (Steph.) E.W.Jones

P. capensis Steph. (3)
P. divergens Steph. var. *capensis* (Steph.) E.W.Jones (3)
 Perennial. Bryophyte, occ. epiphyte. Length 40–80 mm. Alt 600–1750 m. LIM, M, KZN, L, WC

knysnana S.W.Arnell = **Leptoscyphus expansus**

lastii Mitt.

P. sprengeri Steph. (1)
 Perennial. Bryophyte, epiphyte. Length 60–80 mm. Alt 900–1500 m. G, KZN, WC, EC

lophophora R.M.Schust. = **P. exigua**

lunata S.W.Arnell

Perennial. Bryophyte. Length up to 20 mm. Alt 650–3200 m. L, WC

natalensis Pearson = **P. heterostipa**

pseudo-attenuata S.W.Arnell

P. subalpina Steph., illegitimate name (3)
 Perennial. Bryophyte. Length up to 20 mm. Alt 920–3200 m. KZN, L, WC

sarmentosa (Lehm.) Lindenb.

Perennial. Bryophyte. Length 40–60 mm. Alt 300–1700 m. WC

sprengeri Steph. = **P. lastii**

squamulosa Mitt. var. **crispulo-caudata** (Gottsche) Vanden Berghen

P. crispulo-caudata Gottsche (3)
P. esterhuysenii S.W.Arnell (3)

P. fuscovirens Steph. (3)
Perennial. Bryophyte, occ. epiphyte. Length up to 60 mm. Alt 250–2450 m. LIM, M, KZN, L, WC, EC
subalpina Steph., illegitimate name = **P. pseudo-attenuata**
terebrans Nees & Mont. ex Lindenb.
P. thomeensis Steph. (3)

Perennial. Bryophyte, epiphyte. Length up to 100 mm.
Alt ± 600 m. KZN
thomeensis Steph. = **P. terebrans**
wilmsiana Steph.
Perennial. Bryophyte, occ. epiphyte. Length up to 15 mm.
Alt 620–1000 m. WC

PORELLACEAE

Compiled by S.M. Perold

MADOTHECA Dumort. 9719110
capensis Gottsche in Gottsche, Lindenb. & Nees =
Porella capensis
matongae Herzog = **Porella vallis-gratiae**
vallis-gratiae Gottsche ex Steph. = **Porella vallis-gratiae**

PORELLA L. 9719100
(1) Arnell. 1963. *Hepaticae of South Africa*: 127–131.
(2) Jones. 1963. *Transactions of the British Bryological Society* 4: 446–461.
(3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 191–193.
(4) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 144.
abyssinica var. **hoehnelii** (Steph.) Pócs
P. hoehnelii Steph. (3)

Perennial. Bryophyte, epiphyte. Length up to 80 mm.
Alt? KZN
capensis (Gottsche) Mitt.
Madotheca capensis Gottsche in Gottsche, Lindenb. & Nees (1, 2, 3)
Perennial. Bryophyte, occ. epiphyte. Length up to 20 mm.
Alt 370–2100 m. LIM, KZN, EC

hoehnelii Steph. = **P. abyssinica** var. **hoehnelii**
vallis-gratiae (Gottsche) S.W. Arnell
Madotheca matongae Herzog (3)
Madotheca vallis-gratiae Gottsche ex Steph. (1, 2, 3)
Perennial. Bryophyte, occ. epiphyte. Length up to 50 mm.
Alt 300–1750 m. KZN, WC

RADULACEAE

Compiled by S.M. Perold

RADULA Dumort. 9718600
(1) Sim. 1926. *Transactions of the Royal Society of South Africa* 15: 71.
(2) Arnell. 1963. *Hepaticae of South Africa*: 116–126.
(3) Jones. 1977. *Journal of Bryology* 9: 461–504.
(4) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 197–202.
(5) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 144, 145.
(6) Grolle. 2001. *Hausknechtia* 8: 59–69.

ankefinensis Gottsche
R. holstiana Steph. (6)
Perennial. Bryophyte, occ. epiphyte. Length up to 20 mm. Alt 500–1450 m. LIM, M, S, KZN, WC, EC
boryana (F. Weber) Nees
R. tamariscina Mitt. (6)
R. thomeensis Steph. (4)
Perennial. Bryophyte, occ. epiphyte. Length up to 100 mm. Alt 600–2100 m. LIM, M, KZN, WC, EC
capensis Steph. = **R. lindenbergiana**
commutata Gottsche = **R. lindenbergiana**
comorensis Steph.
Perennial. Bryophyte. Length up to 40 mm. Alt ± 2400 m. L
delessertii Steph. = **R. voluta**
fulvifolia (Hook.f. & Taylor) Gottsche, Lindenb. & Nees
R. meyeri Steph. (6)
Perennial. Bryophyte, occ. epiphyte. Length up to 10 mm. Alt 920–1200 m. M, WC, EC
holstiana Steph. = **R. ankefinensis**

lindenbergiana Gottsche
R. capensis Steph. (4)
R. commutata Gottsche (4)
Perennial. Bryophyte, occ. epiphyte. Length up to 30 mm. Alt 200–2100 m. S, KZN, L, WC, EC
macroloba Steph. = **R. voluta**
meyeri Steph. = **R. fulvifolia**
quadrata Gottsche
R. recurvifolia Steph. (4)
Perennial. Bryophyte, occ. epiphyte. Length up to 50 mm. Alt ± 2100 m. KZN
recurvifolia Steph. = **R. quadrata**
stenocalyx Mont.
R. tubiflora Steph., as '*tubaeflora*' (2)
R. vaginata Steph. (1, 2)
Perennial. Bryophyte, occ. epiphyte. Length 20–30 mm. Alt 620–1390 m. KZN, WC, EC
stipatiflora Steph. = **R. voluta**
tabularis Steph.
Perennial. Bryophyte, occ. epiphyte. Length up to 40 mm. Alt 500–1000 m. WC
tamariscina Mitt. = **R. boryana**
thomeensis Steph. = **R. boryana**
tubiflora Steph., as '*tubaeflora*' = **R. stenocalyx**
vaginata Steph. = **R. stenocalyx**

voluta Taylor ex Gottsche, Lindenb. & Nees

R. delessertii Steph. (6)

R. macroloba Steph. (6)

R. stipatiflora Steph. (6)

Perennial. Bryophyte, epiphyte. Length up to 20 mm.

Alt 1120–2150 m. M, KZN, EC

RICCIACEAE

Compiled by S.M. Perold

RICCIA L.

9714200

(1) Perold. 1989. *Journal of the Hattori Botanical Laboratory* 67: 109–201.

(2) Perold. 1999. *FSA Hepatophyta* 1,1: 115–240.

(3) Jovet-Ast. 2000. *Cryptogamie, Bryologie* 21: 289–343.

(4) Perold. 2001. *Bothalia* 31: 151–154.

(5) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 66–69.

abnormis (Steph.) Steph. = **R. moenkemeyeri**

africana Sim = **R. crozalsii**

alatospora O.H.Volk & Perold

Annual. Bryophyte. Length 3.5–5 mm. Alt ± 260 m. WC

albolimbata S.W.Arnell

R. albosquamata S.W.Arnell (2)

Perennial. Bryophyte. Length up to 8 mm. Alt 275–2250 m. N, LIM, NW, G, M, FS, KZN, NC, EC

albomarginata Bisch.

Annual. Bryophyte. Length 5–7 mm. Alt 180–1110 m. NC, WC

albopurpurea Perold

Annual. Bryophyte. Length up to 7 mm. Alt 570–640 m. NC, WC

albornata O.H.Volk & Perold

Perennial. Bryophyte. Length up to 12 mm. Alt 390–1280 m. NC, WC, EC

albosquamata S.W.Arnell = **R. albolimbata**

albovestita O.H.Volk

R. duthieae O.H.Volk & Perold (2)

R. sarcosa O.H.Volk & Perold (2)

Perennial. Bryophyte. Length up to 10 mm. Alt 780–1760 m. N, LIM, NW, G, M, FS, L, WC, EC

ampullacea Perold

Annual. Bryophyte. Length up to 8 mm. Alt 2000–3000 m. FS, KZN, L, EC

angolensis Steph.

R. pseudolimbata S.W.Arnell (2)

Perennial. Bryophyte. Length up to 12 mm. Alt 870–1760 m. N, B, G, M, FS, KZN, L, WC

argenteolimbata O.H.Volk & Perold

Perennial. Bryophyte. Length 2–7 mm. Alt 420–1305 m. N, B, LIM, NW, FS, NC

atropurpurea Sim

Perennial. Bryophyte. Length 5–10 mm. Alt 385–2100 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

berriei E.W.Jones = **R. congoana**

bicolorata Perold

Annual. Bryophyte. Length up to 5 mm. Alt 180–1490 m. NC, WC

bullosa Link ex Lindenb.

R. montaguensis S.W.Arnell (2)

Annual. Bryophyte. Length 5–15 mm. Alt 15–3100 m. KZN, L, NC, WC, EC

campbelliana M.Howe = **R. macrocarpa**

canescens Steph. = **R. crinita**

capensis Steph. = **R. limbata**

cavernosa Hoffm. emended Raddi

R. rautanenii Steph. (2)

Annual. Bryophyte. Length up to 8 mm. Alt 30–1825 m. N, B, LIM, NW, M, FS, KZN, L, NC, WC, EC

compacta Garside

Annual. Bryophyte. Length up to 8 mm. Alt 40–180 m. WC

concava Bisch.

Annual. Bryophyte. Length 6–10 mm. Alt 130–1340 m. NC, WC, EC

congoana Steph.

R. berriei E.W.Jones (2)

R. nigrosquamata E.W.Jones (2)

R. rhodesiae S.W.Arnell (2)

Perennial. Bryophyte. Length up to 15 mm. Alt 100–1740 m. N, B, LIM, NW, G, M, S

crinita Taylor

R. canescens Steph. (3)

R. trichocarpa M.Howe (3)

Perennial. Bryophyte. Length 2.5–7 mm. Alt 800–1870 m. N, B, LIM, NW, FS, L, NC, EC

crozalsii Levier

R. africana Sim (2)

R. crozalsii Levier var. *austroafricana* S.W.Arnell (2)

Annual. Bryophyte. Length 3–6 mm. Alt 150–1000 m. WC

crozalsii Levier var. *austroafricana* S.W.Arnell = **R. crozalsii**

crystallina L. emended Raddi

R. plana Taylor (2)

Annual. Bryophyte. Length 5–7 mm. Alt 200–3000 m. NW, M, FS, L, NC, WC, EC

cupulifera A.V.Duthie

Annual. Bryophyte. Length up to 7 mm. Alt 25–1500 m. M, FS, NC, WC

curtisii (James ex Austin) Austin

R. spongosa S.W.Arnell (2)

Annual. Bryophyte. Length 2–8 mm. Alt 150–1650 m. L, NC, WC

duthieae O.H.Volk & Perold = **R. albovestita**

elongata Perold

Perennial. Bryophyte. Length up to 8 mm. Alt 1500–1720 m. G, M

fluitans L., not endemic to FSA region (2)

furfuracea Perold

Annual. Bryophyte. Length up to 8 mm. Alt 600–1585 m. NC, WC

garsidei Sim

Annual. Bryophyte. Length up to 15 mm. Alt 150–790 m. WC

hantamensis Perold

Annual. Bryophyte. Length up to 10 mm. Alt ± 900 m. NC

hirsuta O.H.Volk & Perold

Annual. Bryophyte. Length up to 10 mm. Alt ± 1200 m. NC

limbata Bisch.

R. capensis Steph. (2)

Annual. Bryophyte. Length up to 15 mm. Alt 150–1400 m. NC, WC

macrocarpa Levier

R. campbelliana M.Howe (2)

Perennial. Bryophyte. Length up to 8 mm. Alt 1340–1740 m. NW, G, M, FS, L

mammifera O.H.Volk & Perold

Perennial. Bryophyte. Length 5–10 mm. Alt 1400–1690 m. LIM, M

microciliata O.H.Volk & Perold

Perennial. Bryophyte. Length 1–4 mm. Alt 610–1400 m. N, B, LIM, NW, M, S, KZN

moenkemeyeri Steph.

R. abnormis (Steph.) Steph. (2)

R. undulata S.W.Arnell (2)

Annual. Bryophyte. Length 9–12 mm. Alt 1050–1250 m. LIM, G

montaguensis S.W.Arnell = **R. bullosa**

montana Perold

Annual. Bryophyte. Length up to 8 mm. Alt 2200–3200 m. KZN, L, EC

namaquensis Perold

Annual. Bryophyte. Length up to 8 mm. Alt 805–1670 m. NC

natalensis Sim

Perennial. Bryophyte. Length 5–12 mm. Alt 950–1840 m. LIM, M, FS, KZN

nigrella DC.

Perennial. Bryophyte. Length up to 5 mm. Alt 40–1725 m. N, NW, G, M, FS, KZN, L, NC, WC, EC

nigrosquamata E.W.Jones = **R. congoana**

okahandjana S.W.Arnell

Perennial. Bryophyte. Length 5–10 mm. Alt 520–1860 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

parvoareolata O.H.Volk & Perold

Annual. Bryophyte. Length up to 10 mm. Alt 130–210 m. WC

perssonii S.A.Khan

Annual. Bryophyte. Length 2–4 mm. Alt 1090–1550 m. N

plana Taylor = **R. crystallina**

pottsiana Sim

Perennial. Bryophyte. Length 1.5–3 mm. Alt 1500–1760 m. FS, NC, EC

pseudolimbata S.W.Arnell = **R. angolensis**

pulveracea Perold

Annual. Bryophyte. Length up to 6 mm. Alt 1000–1600 m. FS, NC, EC

purpurascens Lehm.

Annual. Bryophyte. Length 9–17 mm. Alt 10–1070 m. NC, WC

rautanenii Steph. = **R. cavernosa**

rhodesiae S.W.Arnell = **R. congoana**

rosea O.H.Volk & Perold

Perennial. Bryophyte. Length up to 12 mm. Alt 900–1600 m. N, B, LIM, NW, G, M, FS

rubricollis Garside & A.V.Duthie ex Perold

Annual. Bryophyte. Length up to 12 mm. Alt ± 280 m. WC

runssorensis Steph.

Perennial. Bryophyte. Length up to 12 mm. Alt 590–1730 m. N, B, LIM, NW, G, M, FS

sarcosa O.H.Volk & Perold = **R. albovestita**

schelpei O.H.Volk & Perold

Annual. Bryophyte. Length up to 12 mm. Alt 560–1340 m. NC, WC

sibayenii Perold

Annual. Bryophyte. Length up to 17 mm. Alt ± 270 m. M

simii Perold

Perennial. Bryophyte. Length up to 12 mm. Alt 50–2430 m. NW, G, FS, L, NC, WC, EC

sorocarpa Bisch.

Annual. Bryophyte. Length 3–6 mm. Alt 40–3000 m. M, KZN, L, NC, WC

spongosa S.W.Arnell = **R. curtisii**

stricta (Lindenb.) Perold

Perennial. Bryophyte, frequent hydrophyte. Length 15–20 mm. Alt 5–2100 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

tomentosa O.H.Volk & Perold

Annual. Bryophyte. Length up to 18 mm. Alt 670–1120 m. NC

trachyglossum Perold

Annual. Bryophyte. Length up to 5 mm. Alt 2500–3000 m. L

trichocarpa M.Howe = **R. crinita**

undulata S.W.Arnell = **R. moenkemeyeri**

villosa Steph.

Annual. Bryophyte. Length up to 8 mm. Alt 200–1340 m. NC, WC, EC

vitrea Perold

Annual. Bryophyte. Length up to 9 mm. Alt 1160–1345 m. NC

volkii S.W.Arnell

Annual? Bryophyte. Length up to 9 mm. Alt 1100–1720 m. N, LIM, NW, G, M, FS, NC

RICCIOCARPOS Corda 9714300

(1) Perold. 1999. *FSA Hepatophyta* 1,1: 112–115.

natans (L.) Corda

Annual. Bryophyte, generally hydrophyte. Length 8–14 mm. Alt 35–930 m. N, B, KZN, EC

RIELLACEAE

Compiled by S.M. Perold

RIELLA Mont.

9715900

(1) Perold. 2000. *Bothalia* 30: 125–142.**affinis** M.Howe & Underw.Annual. Bryophyte, hydrophyte. Length up to 23 mm.
Alt ± 650 m. EC**alatospora** WigglesworthAnnual. Bryophyte, hydrophyte. Length 20–35 mm.
Alt ± 80 m. WC**capensis** CaversAnnual. Bryophyte, hydrophyte. Length 10–30 mm.
Alt ± 20 m. EC**echinospora** WigglesworthAnnual. Bryophyte, hydrophyte. Length up to 35 mm.
Alt 1300–1400 m. N, FS**purpureospora** WigglesworthAnnual. Bryophyte, hydrophyte. Length 20–60 mm.
Alt ± 20 m. WC

SCAPANIACEAE

Compiled by S.M. Perold

SCAPANIA (Dumort.) Dumort.

9726120

(1) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 218.(2) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 145.**calicicola** (S.W.Arnell & J.Perss.) Ingham

Perennial. Bryophyte. Length up to 30 mm. Alt ± 3000 m. L

cuspiduligera (Nees) Müll.Frib.Perennial. Bryophyte. Length up to 20 mm. Alt 2700–
3250 m. KZN, L

SCHISTOCHILACEAE

Compiled by S.M. Perold

GOTTSCHEA Nees ex Mont.

9726110

(1) Arnell. 1963. *Hepaticae of South Africa*: 241–243.(2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 95, 96.**alata** (Lehm.) Nees = **Schistochila alata****sphagnoides** (Schwägr.) Lindb.*Schistochila limbata* S.W.Arnell (2)*Schistochila sphagnoides* (Schwägr.) Lindb. (2)Perennial. Bryophyte, occ. epiphyte. Length up to 15 mm.
Alt ± 1580 m. M**SCHISTOCHILA** Dumort.

9726100

(1) Arnell. 1963. *Hepaticae of South Africa*: 241–243.(2) Jones. 1976. *Journal of Bryology* 9: 33–41.(3) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 221.**alata** (Lehm.) Schiffn.*Gottschea alata* (Lehm.) Nees (1)Perennial. Bryophyte, occ. epiphyte. Length up to 60 mm.
Alt 450–1450 m. LIM, WC**limbata** S.W.Arnell = **Gottschea sphagnoides***sphagnoides* (Schwägr.) Steph. = **Gottschea sphagnoides**

SPHAEROCARPACEAE

Compiled by S.M. Perold

SPHAEROCARPOS Boehm.

9715400

(1) Perold. 2000. *Bothalia* 30: 17–24.**stipitatus** Bisch. ex Lindenb.Annual. Bryophyte. Length 1.0–4.5 mm. Alt 20–1300 m.
NC, WC, EC

TARGIONIACEAE

Compiled by S.M. Perold

TARGIONIA L.

9710200

Perennial. Bryophyte. Length up to 30 mm. Alt 65–3240 m. N, LIM, G, M, FS, KZN, L, NC, WC, EC

(1) Perold. 1999. *FSA Hepatophyta* 1,1: 15–18.

(2) Boisselier-Dubayle & Bischler. 1999. *International Journal of Plant Sciences* 160: 1163–1169.

capensis Huebener = **T. hypophylla**

hypophylla L. var. *capensis* (Huebener) in Krauss = **T. hypophylla**

hypophylla L.

T. capensis Huebener (1)

T. hypophylla L. var. *capensis* (Huebener) in Krauss (1)

lorbeeriana Müll.Frib., no longer recognised as a separate taxon (2)



**ANTHOCEROTO-
PHYTA**

ANTHOCEROTACEAE

Compiled by S.M. Perold

ANTHOCEROS L.

9733700

- (1) Stephani. 1916. *Species hepaticarum* V: 996.
- (2) Sim. 1926. *Transactions of the Royal Society of South Africa* 15: 112–115.
- (3) Arnell. 1963. *Hepaticae of South Africa*: 398–400.
- (4) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 20–23.
- (5) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 141.

carolinianus Michx. = **Phaeoceros carolinianus**

dimorphus Sim

Perennial. Bryophyte. Length 10–15 mm. Alt 750–1850 m. KZN, EC

ecklonii Steph. = **Phaeoceros carolinianus**

minutus Mitt. = **Phaeoceros minutus**

natalensis Steph.

Perennial. Bryophyte. Length 10–15 mm. Alt 50–1850 m. N, LIM, NW, M, KZN, L, WC

sambesianus Steph.

Perennial. Bryophyte. Length up to 10 mm. Alt ± 1770 m. L

PHAEOCEROS Prosk.

9733800

- (1) Arnell. 1963. *Hepaticae of South Africa*: 400–403.
- (2) Wigginton & Grolle. 1996. *Bryophytorum Bibliotheca* 50: 169, 170.
- (3) Hodgetts *et al.* 1999. *Journal of Bryology* 21: 144.
- (4) Wigginton. 2002. *Tropical Bryology Research Reports* 3: 55.

bolusii (Sim) S.W.Arnell

Perennial. Bryophyte. Length 20–40 mm. Alt 200–1250 m. LIM, G, S, KZN, WC, EC

carolinianus (Michx.) Prosk.

Anthoceros carolinianus Michx. (2)

Anthoceros ecklonii Steph. (2)

P. laevis subsp. *carolinianus* (Michx.) Prosk. (2)

Perennial. Bryophyte. Length up to 15 mm. Alt 300–1600 m. LIM, FS, KZN, L, WC, EC

fulvisporus (Steph.) J.Haseg.

Annual? Bryophyte. Length up to 20 mm. Alt? Distr.?

laevis subsp. *carolinianus* (Michx.) Prosk. = **P. carolinianus**

minutus (Mitt.) S.W.Arnell

Anthoceros minutus Mitt. (2)

Annual. Bryophyte. Length ± 5 mm. Alt 260–600 m. KZN, WC



ANEMIACEAE

Compiled by J.P. Roux

ANEMIA Sw.

0127900

- (1) Schelpe. 1970. *FZ Pteridophyta*: 52–54.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 174–177.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 52, 53.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 58–60.
- (5) Retief & Herman. 1997. *Strelitzia* 6: 28.
- (6) Roux. 2001. *Southern African Botanical Diversity Network Report No. 13*: 51, 52.

dregeana Kunze

Perennial. Herb, geophyte. Ht 150–250 mm. Alt 50–1000 m. LIM, G, M, S, KZN, EC

simii Tardieu

Perennial. Herb, geophyte, lithophyte. Ht 150–200 mm. Alt 500–1500 m. LIM, M

MOHRIA Sw.

0128000

- (1) Schelpe. 1970. *FZ Pteridophyta*: 54–57.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 177–179.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 53–55.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 62–65.
- (5) Roux. 1995. *Bothalia* 25: 1–12.
- (6) Retief & Herman. 1997. *Strelitzia* 6: 28.
- (7) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 37.
- (8) Roux. 2001. *Southern African Botanical Diversity Network Report No. 13*: 52–55.

caffrorum (L.) Desv.

Cheilanthes fusca Blume (5)
Osmunda thurifera Sw. (5)
Polypodium caffrorum L. (5)

Perennial. Herb, geophyte, lithophyte. Ht 100–200 mm. Alt 50–1400 m. NC, WC, EC

caffrorum var. *ferruginea* J.E.Burrows & S.M.Burrows = **M. nudiuscula**

hirsuta J.P.Roux = **M. marginalis**

marginalis (Savigny) J.P.Roux

M. hirsuta J.P.Roux (5)
Osmunda crenata Desv. (5)
Osmunda marginalis Savigny (5)
Osmunda thurifraga Comm. ex Bory, naked name (5)
Osmunda thurifraga Comm. ex Savigny, naked name (5)

Perennial. Herb, geophyte, lithophyte. Ht 100–170 mm. Alt 1400–1900 m. FS, KZN, L, EC

nudiuscula J.P.Roux

M. caffrorum var. *ferruginea* J.E.Burrows & S.M.Burrows (5)

Perennial. Herb, geophyte, lithophyte. Ht 150–220 mm. Alt 800–2400 m. FS, KZN, L, EC

rigida J.P.Roux

Perennial. Herb, geophyte, lithophyte. Ht 80–150 mm. Alt 1800–2438 m. M, FS, KZN, L

saxatilis J.P.Roux

Perennial. Herb, geophyte, lithophyte. Ht 60–100 mm. Alt 1000–1500 m. WC

vestita Baker

Perennial. Herb, geophyte, lithophyte. Ht 90–400 mm. Alt 50–3000 m. LIM, NW, G, M, S, FS, KZN, L, EC

ASPLENIACEAE

Compiled by J.P. Roux

ASPLENIUM L.

0201400

- (1) Launert. 1969. *FSWA* 9: 1.
- (2) Schelpe. 1970. *FZ Pteridophyta*: 167–189.
- (3) Braithwaite. 1972. *Journal of South African Botany* 38: 1–7.
- (4) Braithwaite. 1972. *Journal of South African Botany* 38: 9–27.
- (5) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 329–380.
- (6) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 173–207.
- (7) Braithwaite. 1986. *Botanical Journal of the Linnean Society* 93: 343–378.
- (8) Burrows. 1990. *Southern African ferns and fern allies*: 212–256.
- (9) Retief & Herman. 1997. *Strelitzia* 6: 13–16.
- (10) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 37, 38.
- (11) Roux. 2001. *Southern African Botanical Diversity Network Report No. 13*: 156–173.
- (12) Van den Heede *et al.* 2003. *American Journal of Botany* 90: 481–495.

adiantum-nigrum L. var. adiantum-nigrum

Perennial. Herb, geophyte, lithophyte. Ht 150–380 mm. Alt 90–2651 m. LIM, G, M, FS, KZN, L, NC, WC, EC

adiantum-nigrum L. var. solidum (Kunze) J.P.Roux

Perennial. Herb, geophyte. Ht 140–380 mm. Alt 50–600 m. WC, EC

aethiopicum (Burm.f.) Bech. subsp. aethiopicum

Perennial. Herb, epiphyte, geophyte, lithophyte. Ht 60–400 mm. Alt 40–1300 m. LIM, M, S, KZN, WC, EC

aethiopicum (Burm.f.) Bech. subsp. dodecaploideum A.F.Braithw.

Perennial. Herb, geophyte, lithophyte. Ht 60–250 mm. Alt 1200–1825 m. G, M, L, EC

aethiopicum (Burm.f.) Bech. subsp. filare (Forssk.) A.F.Braithw.

Perennial. Herb, geophyte, lithophyte. Ht 150–400 mm. Alt 1200–1700 m. LIM, NW, G, M, S, FS, KZN, L, EC

aethiopicum (Burm.f.) Bech. subsp. tripinnatum (Baker) A.F.Braithw.

Perennial. Herb, epiphyte, geophyte, lithophyte. Ht 190–790 mm. Alt 600–1825 m. LIM, M, S, KZN, EC

anisophyllum Kunze

Perennial. Herb, epiphyte, geophyte, lithophyte. Ht 450–500 mm. Alt 350–1940 m. LIM, M, S, KZN, EC

blastophorum Hieron.

Perennial. Herb, epiphyte. Ht 200–400 mm. Alt ± 160 m. KZN

- boltonii** Hook. ex Brause & Hieron.
Perennial. Herb, epiphyte, lithophyte. Ht 300–540 mm.
Alt 660–1980 m. LIM, M, S, KZN, EC
- christii** Hieron.
Perennial. Herb, geophyte. Ht 180–240 mm. Alt ± 500 m.
KZN
- cordatum** (Thunb.) Sw.
Ceterach cordatum (Thunb.) Desv. (11)
Perennial. Herb, geophyte, lithophyte. Ht 100–250 mm.
Alt 30–2500 m. N, B, LIM, NW, G, M, FS, KZN,
L, NC, WC, EC
- dregeanum** Kunze
Perennial. Herb, epiphyte, lithophyte. Ht 200–390 mm.
Alt 24–800 m. KZN, EC
- erectum** Bory ex Willd.
A. erectum Bory ex Willd. var. *usambarensis* (Hieron.) Schelpe (11)
Perennial. Herb, epiphyte, lithophyte, terrestrial. Ht 120–
630 mm. Alt 50–1760 m. LIM, M, S, KZN, WC, EC
- erectum* Bory ex Willd. var. *usambarensis* (Hieron.) Schelpe
= **A. erectum**
- flexuosum** Schrad.
Perennial. Herb, geophyte. Ht 300–600 mm. Alt 75–
1296 m. LIM, M, KZN, WC, EC
- friesiorum** C.Chr.
Perennial. Herb, epiphyte, geophyte, lithophyte. Ht 300–
800 mm. Alt 300–1400 m. M, KZN
- gemmiferum** Schrad.
Perennial. Herb, geophyte, lithophyte. Ht 300–720 mm.
Alt 50–1200 m. LIM, M, KZN, WC, EC
- hypomelas** Kuhn
Perennial. Herb, epiphyte, lithophyte. Ht 0.6–1.4 m.
Alt ± 1300 m. LIM
- inaequilaterale** Willd.
Perennial. Herb, geophyte, lithophyte. Ht 300–350 mm.
Alt 100–1500 m. LIM, NW, M, S, KZN, EC
- kraussii* T.Moore = **A. stoloniferum**
- lividum** Mett. ex Kuhn
Perennial. Herb, lithophyte. Ht 150–360 mm. Alt ±
1220 m. LIM, M
- lobatum** Pappe & Rawson
Perennial. Herb, epiphyte, terrestrial. Ht 300–350 mm.
Alt 500–1400 m. LIM, M, S, KZN, WC, EC
- lunulatum** Sw.
Perennial. Herb, geophyte, lithophyte. Ht 300–350 mm.
Alt 12–1760 m. LIM, M, KZN, WC, EC
- monanthes** L.
Perennial. Herb, geophyte, lithophyte. Ht 200–300 mm.
Alt 300–1951 m. LIM, M, FS, KZN, L, WC, EC
- multiforme** Krasser
Perennial. Herb, lithophyte. Ht 100–160 mm. Alt 790–
1765 m. M, S, KZN, EC
- obscurum** Blume
Perennial. Herb, geophyte. Ht 200–300 mm. Alt ± 1200 m.
LIM
- phillipsianum** (Kümmerle) Bir, Fraser-Jenk. & Lovis
Perennial. Herb, geophyte, lithophyte. Ht 100–250
mm. Alt 100–1200 m. M, WC
- platyneuron** (L.) Britton, Sterns & Poggenb.
Perennial. Herb, geophyte. Ht 100–240 mm. Alt 100–
2600 m. M, FS, KZN, L, WC, EC
- preussii** Hieron. ex Brause
Perennial. Herb, geophyte, lithophyte. Ht 130–260 mm.
Alt 1100–1650 m. LIM, KZN
- prionitis** Kunze
Perennial. Herb, epiphyte, geophyte, lithophyte. Ht
300–520 mm. Alt 20–250 m. KZN, EC
- protensum** Schrad.
Perennial. Herb, epiphyte, lithophyte. Ht 380–650 mm.
Alt 75–1750 m. LIM, M, KZN, WC, EC
- rutifolium** (P.J.Bergius) Kunze
Perennial. Herb, epiphyte, lithophyte. Ht 120–450 mm.
Alt 15–1760 m. LIM, M, S, KZN, WC, EC
- sandersonii** Hook.
Perennial. Herb, epiphyte, lithophyte. Ht 50–120 mm.
Alt 50–1500 m. LIM, M, S, KZN, EC
- schelpei** A.F.Braithw.
Perennial. Herb, lithophyte. Ht 90–250 mm. Alt 600–
760 m. LIM, M
- simii** Braithw. & Schelpe
Perennial. Herb, epiphyte, lithophyte. Ht 100–130 mm.
Alt 100–1900 mm. LIM, M, KZN, WC, EC
- splendens** Kunze subsp. **splendens**
Perennial. Herb, epiphyte, geophyte, lithophyte. Ht
300–400 mm. Alt 260–1520 m. LIM, M, S, KZN,
EC
- splendens** Kunze subsp. **drakensbergense** A.F.Braithw.
Perennial. Herb, geophyte, lithophyte, Ht 100–160 mm.
Alt 1520–2740 m. FS, KZN, L
- stoloniferum** Bory
A. kraussii T.Moore (5)
Perennial. Herb, geophyte, lithophyte. Ht 20–40 mm.
Alt 200–1500 m. M, FS, KZN, L, EC
- theciferum** (Kunth) Mett. var. **concinnum** (Schrad.)
Schelpe
Loxoscaphe theciferum (Kunth) T.Moore var. *concinna* C.Chr. (2)
Perennial. Herb, epiphyte, lithophyte. Ht 100–180 mm.
Alt 50–1500 m. LIM, G, M, S, FS, KZN, WC,
EC
- trichomanes** L. subsp. **quadrivalens** D.E.Mey. emended
Lovis
Perennial. Herb, geophyte, lithophyte. Ht 100–150 mm.
Alt 250–2000 m. M, FS, KZN, L, EC
- unilaterale** Lam.
Perennial. Herb, lithophyte. Ht 150–280 mm. Alt ± 600
m. S
- varians** Wall. ex Hook. & Grev. subsp. **fimbriatum** (Kunze)
Schelpe
Perennial. Herb, geophyte, lithophyte. Ht 80–170 mm.
Alt 100–1450 m. LIM, M, FS, KZN, L, EC
- CETERACH** DC. 0201700
cordatum (Thunb.) Desv. = **Asplenium cordatum**
- LOXOSCAPHE** T.Moore 0201500
theciferum (Kunth) T.Moore var. *concinna* C.Chr. =
Asplenium theciferum var. **concinnum**

AZOLLACEAE

Compiled by J.P. Roux

AZOLLA Lam.

0204400

- (1) Launert. 1969. *FSWA* 12: 1.
- (2) Schelpe. 1970. *FZ Pteridophyta*: 69, 70.
- (3) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 492–495.
- (4) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 67, 68.
- (5) Burrows. 1990. *Southern African ferns and fern allies*: 82, 83.
- (6) Saunders & Fowler. 1992. *Botanical Journal of the Linnean Society* 109: 329–357.
- (7) Retief & Herman. 1997. *Strelitzia* 6: 17.
- (8) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 38.
- (9) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 178, 179.

***fliculoides** Lam.

Perennial. Herb, hydrophyte. Ht up to 5 mm. Alt 30–1678 m. N, G, NC, WC, EC

pinnata R.Br. subsp. **africana** (Desv.) R.M.K.Saunders & K.Fowler

A. pinnata R.Br. var. *africana* (Desv.) Baker (6)

Perennial. Herb, hydrophyte. Ht up to 5 mm. Alt 9–1030 m. N, B, KZN

pinnata R.Br. var. *africana* (Desv.) Baker = **A. pinnata** subsp. **africana**

BLECHNACEAE

Compiled by J.P. Roux

BLECHNUM L.

0200000

- (1) Launert. 1969. *FSWA*, 8: 1.
- (2) Schelpe. 1979. *Journal of South African Botany* 45: 221.
- (3) Roux. 1982. *Journal of South African Botany* 48: 451–453.
- (4) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 459–471.
- (5) Anthony & Schelpe. 1985. *Bothalia* 15: 554, 555.
- (6) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 266–277.
- (7) Burrows. 1990. *Southern African ferns and fern allies*: 326–336.
- (8) Retief & Herman. 1997. *Strelitzia* 6: 17, 18.
- (9) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 39.
- (10) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 153–156.

attenuatum (Sw.) Mett.

B. attenuatum (Sw.) Mett. var. *giganteum* (Kaulf.) Bonap. (10)

B. giganteum (Kaulf.) Schldtl. (10)

Perennial. Herb, epiphyte, geophyte, lithophyte. Ht 0.3–1.2 m. Alt 100–1500 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

attenuatum (Sw.) Mett. var. *giganteum* (Kaulf.) Bonap. = **B. attenuatum****australe** L.

B. australe L. var. *aberrans* N.C. Anthony & Schelpe (10)

Perennial. Herb, geophyte, lithophyte. Ht 200–350 mm. Alt 30–2179 m. LIM, G, M, S, FS, KZN, L, NC, WC, EC

australe L. var. *aberrans* N.C. Anthony & Schelpe = **B. australe****capense** Burm.f.

B. sylvaticum Schelpe (3)

Perennial. Herb, geophyte. Ht 0.6–1.5 m. Alt 30–1730 m. LIM, M, S, KZN, WC, EC

giganteum (Kaulf.) Schldtl. = **B. attenuatum****inflexum** (Kunze) Kuhn

Perennial. Herb, geophyte. Ht 200–500 mm. Alt 200–2179 m. LIM, M, S, FS, KZN, L, WC, EC

punctulatum Sw. var. **atherstonei** (Pappe & Rawson) Sim

Perennial. Herb, geophyte. Ht 300–450 mm. Alt 671–1830 m. LIM, M, S, KZN, WC, EC

punctulatum Sw. var. **intermedium** Sim

Perennial. Herb, geophyte. Ht 300–450 mm. Alt 400–460 m. KZN, EC

punctulatum Sw. var. **krebsii** (Kunze) Sim

Perennial. Herb, geophyte, lithophyte. Ht 300–600 mm. Alt 100–1300 m. KZN, EC

punctulatum Sw. var. **punctulatum**

Perennial. Herb, geophyte, lithophyte. Ht 300–500 mm. Alt 100–2043 m. M, S, FS, KZN, L, WC, EC

sylvaticum Schelpe = **B. capense****tabulare** (Thunb.) Kuhn

Perennial. Herb, geophyte. Ht 0.3–1.5 m. Alt 396–1960 m. LIM, M, S, KZN, WC, EC

***DOODIA** R.Br.

0199900

- (1) Parris. 1972. *New Zealand Journal of Botany* 10: 585–604.
- (2) Burrows. 1990. *Southern African ferns and fern allies*: 338.
- (3) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 152, 153.

- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 277, 278.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 336.
- (5) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 156.

caudata (Cav.) R.Br. in sense of Burrows (2)**squarrosa** Colenso

Perennial. Herb, geophyte. Ht 140–450 mm. Alt 800–1200 m. KZN

STENOCHLAENA J.Sm.

0200400

- (1) Schelpe. 1970. *FZ Pteridophyta*: 240–242.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 471–473.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 277, 278.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 336.
- (5) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 156.

tenuifolia (Desv.) T.Moore

Perennial. Herb, climber. Ht 1.82–9.14 m. Alt 5–650 m. M, KZN, EC

CYATHEACEAE

Compiled by J.P. Roux

ALSOPHILA R.Br. 0151200*capensis* (L.f.) J.Sm. = **Cyathea capensis**
dregei (Kunze) R.M.Tryon = **Cyathea dregei**(9) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 85–88.**capensis** (L.f.) Sm.*Alsophila capensis* (L.f.) J.Sm. (2)*Hemitelia capensis* (L.f.) Kaulf. (3)Perennial. Tree. Ht 0.3–6.09 m. Alt 60–1500 m. LIM,
M, S, KZN, WC, EC**dregei** Kunze*Alsophila dregei* (Kunze) R.M.Tryon (2)Perennial. Tree. Ht 0.27–7.01 m. Alt 60–1700 m. LIM,
NW, G, M, S, FS, KZN, L, WC, EC**CYATHEA** Sm. 0151300

- (1) Schelpe. 1970. *FZ Pteridophyta*: 70–75.
- (2) Tryon. 1970. *Contributions from the Gray Herbarium* 20: 3–53.
- (3) Holttum. 1981. *Kew Bulletin* 36: 463–482.
- (4) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 198–203.
- (5) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 69–71.
- (6) Burrows. 1990. *Southern African ferns and fern allies*: 84–88.
- (7) Retief & Herman. 1997. *Strelitzia* 6: 18.
- (8) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 39.

HEMITELIA R.Br. 0151400*capensis* (L.f.) Kaulf. = **Cyathea capensis**

DAVALLIACEAE

Compiled by J.P. Roux

DAVALLIA Sm. 0177300

- (1) Schelpe. 1970. *FZ Pteridophyta*: 167.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 327, 328.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 171, 172.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 209, 210.
- (5) Nootboom. 1994. *Blumea* 39: 151–214.
- (6) Retief & Herman. 1997. *Strelitzia* 6: 19.
- (7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 110.

chaerophylloides (Poir.) Steud. = **D. denticulata** var.
denticulata**denticulata** (Burm.f.) Mett. ex Kuhn var. **denticulata***D. chaerophylloides* (Poir.) Steud. (1)Perennial. Herb, epiphyte, lithophyte. Ht 300–460
mm. Alt 20–1500 m. LIM, M, KZN, EC

DENNSTAEDTIACEAE

Compiled by J.P. Roux

BLOTIELLA R.M.Tryon 0153300

- (1) Schelpe. 1970. *FZ Pteridophyta*: 81–84.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 204–206.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 81, 82.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 100–103.
- (5) Retief & Herman. 1997. *Strelitzia* 6: 19.
- (6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 40.
- (7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 91, 92.

glabra (Bory) R.M.TryonPerennial. Herb, geophyte. Ht 0.5–2 m. Alt 30–1600
m. LIM, M, S, KZN, WC, EC**natalensis** (Hook.) R.M.TryonPerennial. Herb, geophyte. Ht 1–1.5 m. Alt 50–1700
m. KZN, WC, EC**HISTIOPTERIS** (J.Agardh) J.Sm. 0153400

- (1) Schelpe. 1970. *FZ Pteridophyta*: 84–86.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 206, 207.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 82, 83.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 103.

(5) Retief & Herman. 1997. *Strelitzia* 6: 19, 20.(6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 40.(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 92.**incisa** (Thunb.) J.Sm.Perennial. Herb, hydrophyte, geophyte. Ht 1–1.5 m
Alt 40–1675 m. M, KZN, WC**HYPOLEPIS** Bernh. 0153200

- (1) Schelpe. 1970. *FZ Pteridophyta*: 92.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 211, 212.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 87, 88.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 106–108.
- (5) Retief & Herman. 1997. *Strelitzia* 6: 20.
- (6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 40.
- (7) Roux. 2001. *Bothalia* 31: 195.
- (8) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 90, 91.

sparsisora (Schrad.) KuhnPerennial. Herb, hydrophyte, geophyte. Ht 0.8–1.82
m. Alt 5–1800 m. LIM, M, S, KZN, WC, EC

villosa-viscida (Thouars) Tardieu
Perennial. Herb, geophyte, lithophyte. Ht 300–600
mm. Alt 250–1200 m. WC, EC

MICROLEPIA C.Presl 0152900

- (1) Launert. 1969. *FSWA* 3: 1.
- (2) Schelpe. 1970. *FZ Pteridophyta*: 89–92.
- (3) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 210, 211.
- (4) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 85–87.
- (5) Burrows. 1990. *Southern African ferns and fern allies*: 106.
- (6) Retief & Herman. 1997. *Strelitzia* 6: 20.
- (7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 88, 89.

speluncae (L.) T.Moore

Perennial. Herb, geophyte. Ht 0.5–1.2 m. Alt 50–1578
m. N, B, LIM, NW, S, KZN

PTERIDIUM Gled. ex Scop. 0153000

- (1) Schelpe. 1970. *FZ Pteridophyta*: 88, 89.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 207–210.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 83–85.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 103–106.
- (5) Retief & Herman. 1997. *Strelitzia* 6: 20.
- (6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 40.
- (7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 89, 90.

aquilinum (L.) Kuhn subsp. **aquilinum**
Perennial. Herb, geophyte. Ht 0.4–1.8 m. Alt 15–1940
m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

DRYOPTERIDACEAE

Compiled by J.P. Roux

ARACHNIODES Blume 0190600

- (1) Schelpe. 1970. *FZ Pteridophyta*: 228, 229.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 450, 451.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 259–261.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 318–320.
- (5) Gibby *et al.* 1992. *Botanica Helvetica* 102: 229–245.
- (6) Retief & Herman. 1997. *Strelitzia* 6: 12.
- (7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 127, 128.

foliosa (C.Chr.) Schelpe = **A. webbia** subsp. **foliosa**
webbia (A.Braun) Schelpe subsp. **foliosa** (C.Chr.)
Gibby, Rasbach, Reichst., Widén & Viane
A. foliosa (C.Chr.) Schelpe (5)
Perennial. Herb, geophyte, lithophyte. Ht 300–400
mm. Alt 500–1760 m. LIM, M, KZN, EC

ASPIDIUM Sw. 0190510

inaequale Schldtl. = **Dryopteris inaequalis**
luctuosum Kunze = **Polystichum luctuosum**
macleanae Baker = **Polystichum macleanae**
pungens Kaulf. = **Polystichum pungens**
tus-simense Hook. = **Polystichum luctuosum**

CYRTOMIUM C.Presl 0191600

- (1) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 454–456.
- (2) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 251.
- (3) Burrows. 1990. *Southern African ferns and fern allies*: 325, 326.
- (4) Retief & Herman. 1997. *Strelitzia* 6: 12.
- (5) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 131.

caryotideum (Wall. ex Hook. & Grev.) C.Presl var.
micropterum (Kunze) C.Chr. = **C. micropterum**

micropterum (Kunze) Ching
C. caryotideum (Wall. ex Hook. & Grev.) C.Presl var. *micropterum*
(Kunze) C.Chr. (2)
Phanerophlebia caryotideum (Wall. ex Hook. & Grev.) Copel. var.
micropteris (Kunze) Tardieu (1)
Perennial. Herb, geophyte. Ht 250–400 mm. Alt 250–
1830 m. M, KZN, L, EC

DIDYMOCHLAENA Desv. 0191100

- (1) Schelpe. 1970. *FZ Pteridophyta*: 220.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 432, 433.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 243.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 299, 300.
- (5) Retief & Herman. 1997. *Strelitzia* 6: 12.
- (6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 131.

truncatula (Sw.) J.Sm.
Perennial. Herb, geophyte. Ht 0.5–2 m. Alt 305–1730
m. LIM, S, KZN

DRYOPTERIS Adans. 0190500

- (1) Schelpe. 1970. *FZ Pteridophyta*: 220–225.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 433–442.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 245–249.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 300–309.
- (5) Retief & Herman. 1997. *Strelitzia* 6: 12.
- (6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 40.
- (7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 123–127.

antarctica (Baker) C.Chr.
D. callolepis C.Chr. (7)
Perennial. Herb, geophyte, lithophyte. Ht 250–350 mm.
Alt 1300–2350 m. WC, EC

athamantica (Kunze) Kuntze
Perennial. Herb, geophyte, lithophyte. Ht 400–950
mm. Alt 250–1800 m. LIM, G, M, S, FS, KZN,
L, EC

callolepis C.Chr. = **D. antarctica**
dracomontana Schelpe & N.C.Anthony
D. esterhuyseniae Schelpe & N.C.Anthony (7)
Perennial. Herb, geophyte, lithophyte. Ht 200–300 mm.
Alt 2000–2955 m. FS, KZN, L, EC

esterhuyseniae Schelpe & N.C.Anthony = **D. dracomon-**
tana

inaequalis (Schldtl.) Kuntze
Aspidium inaequale Schldtl. (6)
Perennial. Herb, geophyte. Ht 200–350 mm. Alt 200–
1200 m. KZN, WC, EC

lewalleana Pic.Serm.

Perennial. Herb, geophyte, lithophyte. Ht 300–900 mm.
Alt 200–1800 m. LIM, G, M, S, FS, KZN, WC, EC

pentheri (Krasser) C.Chr.

Perennial. Herb, geophyte, lithophyte. Ht 300–900 mm.
Alt 250–1800 m. LIM, M, S, FS, KZN, WC, EC

pungens (Kaulf.) Kuntze = **Polystichum pungens**

squamiseta (Hook.) Kuntze = **Nothoperanema squamiseta**

NOTHOPERANEMA (Tagawa) 0190400
Ching

(1) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 123.

squamiseta (Hook.) Ching

Dryopteris squamiseta (Hook.) Kuntze (1)
Perennial. Herb, geophyte. Ht 200–950 mm. Alt 250–
1850 m. LIM, M, S, KZN, EC

PHANEROPHLEBIA C.Presl 0191000

caryotideia (Wall. ex Hook. & Grev.) Copel. var.
micropteris (Kunze) Tardieu = **Cyrtomium**
micropterum

POLYSTICHUM Roth 0190900

- (1) Schelpe. 1970. *FZ Pteridophyta*: 226–228.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 442–450.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 251–259.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 309–318.
- (5) Retief & Herman. 1997. *Strelitzia* 6: 12, 13.
- (6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 41.
- (7) Roux. 2000. *Bulletin of the Natural History Museum, London (Botany)* 30: 33–79.
- (8) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 128–130.

aculeatum (L.) Roth var. **mildbraedii** Brause = **P. wilsonii**

aculeatum (L.) Roth var. **rubescens** Bonap. = **P. wilsonii**

aculeatum (L.) Roth var. **stenophyllum** Bonap. = **P. wilsonii**

adiantiforme (G.Forst.) J.Sm. = **Rumohra adiantiformis**

alticola Schelpe & N.C.Anthony = **P. wilsonii**

dracomontanum Schelpe & N.C.Anthony

Perennial. Herb, geophyte. Ht 300–450 mm. Alt 1675–
2745 m. FS, KZN, L

fuscopaleaceum Alston = **P. wilsonii**

fuscopaleaceum Alston var. **ruwensoriense** (Pirota)
Pic.Serm. = **P. wilsonii**

incongruum J.P.Roux

Perennial. Herb, geophyte. Ht 300–950 mm. Alt 100–
1350 m. WC, EC

lobatum (Huds.) Bastard var. **luctuosum** (Kunze) H.Christ
= **P. luctuosum**

lobatum (Huds.) Bastard var. **ruwensoriense** Pirota = **P. wilsonii**

lucidum in sense of Schelpe, not of (Burm.f.) Bech.,
misapplied name = **P. pungens**

luctuosum (Kunze) T.Moore

Aspidium luctuosum Kunze (1)
Aspidium tsus-simense Hook. (7)
P. lobatum (Huds.) Bastard var. **luctuosum** (Kunze) H.Christ (7)
P. tsus-simense (Hook.) J.Sm. (7)

Perennial. Herb, geophyte, lithophyte. Ht 300–450 mm.
Alt 670–1740 m. LIM, M, S, FS, KZN, L, EC

macleae (Baker) Diels

Aspidium macleae Baker (3)
Perennial. Herb, geophyte, lithophyte. Ht 300–500 mm.
Alt 1350–1960 m. LIM, M, S

monticola N.C.Anthony & Schelpe

Perennial. Herb, geophyte, lithophyte. Ht 300–500 mm.
Alt 600–2740 m. FS, KZN, L, WC, EC

pungens (Kaulf.) C.Presl

Aspidium pungens Kaulf. (3)
Dryopteris pungens (Kaulf.) Kuntze (3)
P. lucidum in sense of Schelpe, not of (Burm.f.) Bech., misapplied
name (3)

Perennial. Herb, geophyte. Ht 350–550 mm. Alt 300–
2150 m. LIM, M, S, KZN, WC, EC

× **saltum** J.P.Roux

Perennial. Herb, geophyte, lithophyte. Ht 300–500 mm.
Alt 1500–1700 m. KZN

setiferum (Forssk.) T.Moore ex Woyn. var. **fuscopaleaceum** (Alston) Schelpe = **P. wilsonii**

transkeiense W.Jacobsen

Perennial. Herb, geophyte, lithophyte. Ht 300–600 mm.
Alt 60–1525 m. LIM, M, S, KZN, EC

transvaalense N.C.Anthony

Perennial. Herb, geophyte, lithophyte. Ht 400–750 mm.
Alt 365–1840 m. LIM, M, FS, KZN, L, WC, EC

tsus-simense (Hook.) J.Sm. = **P. luctuosum**

wilsonii H.Christ

P. aculeatum (L.) Roth var. **mildbraedii** Brause (7)
P. aculeatum (L.) Roth var. **rubescens** Bonap. (7)
P. aculeatum (L.) Roth var. **stenophyllum** Bonap. (7)
P. alticola Schelpe & N.C.Anthony (7)
P. fuscopaleaceum Alston (7)
P. fuscopaleaceum Alston var. **ruwensoriense** (Pirota) Pic.Serm. (7)
P. lobatum (Huds.) Bastard var. **ruwensoriense** Pirota (7)
P. setiferum (Forssk.) T.Moore ex Woyn. var. **fuscopaleaceum** (Alston)
Schelpe (7)

Perennial. Herb, geophyte, lithophyte. Ht 300–800 mm.
Alt 300–2000 m. M, FS, KZN, L, NC, WC, EC

RUMOHRA Raddi 0190000

- (1) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 457, 458.
- (2) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 261–263.
- (3) Burrows. 1990. *Southern African ferns and fern allies*: 320.
- (4) Retief & Herman. 1997. *Strelitzia* 6: 13.
- (5) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 41.
- (6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 123.

adiantiformis (G.Forst.) Ching

Polystichum adiantiforme (G.Forst.) J.Sm. (2)

Perennial. Herb, geophyte, lithophyte, epiphyte. Ht 0.3–
1.2 m. Alt 15–1830 m. NP, M, KZN, WC, EC

EQUISETACEAE

Compiled by J.P. Roux

EQUISETUM L.

0111100

- (1) Schelpe. 1970. *FZ Pteridophyta*: 32–34.
 (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 158, 159.
 (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 29.
 (4) Burrows. 1990. *Southern African ferns and fern allies*: 37, 38.
 (5) Retief & Herman. 1997. *Strelitzia* 6: 20.
 (6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 41.

- (7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 17, 18.

capense Burm.f. = **Elegia capensis****ramosissimum** Desf.

Perennial. Herb, hydrophyte. Ht 0.5–1.52 m. Alt 10–2105 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

GLEICHENIACEAE

Compiled by J.P. Roux

DICRANOPTERIS Bernh.

0118800

- (1) Schelpe. 1970. *FZ Pteridophyta*: 50–52.
 (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 184, 185.
 (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 48, 49.
 (4) Burrows. 1990. *Southern African ferns and fern allies*: 54, 55.
 (5) Retief & Herman. 1997. *Strelitzia* 6: 21.
 (6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 39, 40.

- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 182–184.

- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 47, 48.

- (4) Burrows. 1990. *Southern African ferns and fern allies*: 52–54.

- (5) Retief & Herman. 1997. *Strelitzia* 6: 21.

- (6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 41.

- (7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 37–39.

linearis (Burm.f.) Underw.

Perennial. Herb, scrambler. Ht 0.3–2 m. Alt 380–2000 m. LIM, M, S, KZN

polypodioides (L.) Sm.

Perennial. Herb, scrambler. Ht 0.3–9.14 m. Alt 90–1500 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

GLEICHENIA Sm.

0118700

- (1) Schelpe. 1970. *FZ Pteridophyta*: 48–50.

umbraculifera (Kunze) T.Moore

Perennial. Herb, scrambler. Ht 0.3–2 m. Alt 605–2179 m. LIM, M, S, KZN, EC

GRAMMITIDACEAE

Compiled by J.P. Roux

GRAMMITIS Sw.

0173000

- (1) Pichi Sermolli & Bizzarri. 1978. *Webbia* 32: 455–534.
 (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 296–298.
 (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 151, 152.
 (4) Burrows. 1990. *Southern African ferns and fern allies*: 183–188.
 (5) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 41.
 (6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 107, 108.

poeppigiana (Mett.) Pic.Serm.

Perennial. Herb, lithophyte. Ht 5–15 mm. Alt 1600–1800 m. WC

rigescens (Bory ex Willd.) Lellinger = **Melpomene flabelliformis**

MELPOMENE A.R.Sm. & R.C.Moran

0171500

- (1) Smith & Moran. 1992. *Novon* 2: 426–432.
 (2) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 107.

flabelliformis (Poir.) A.R.Sm. & R.C.Moran*Grammitis rigescens* (Bory ex Willd.) Lellinger (6)*Xiphopteris flabelliformis* (Poir.) Schelpe (6)*Xiphopteris rigescens* (Bory ex Willd.) Alston (6)

Perennial. Herb, lithophyte. Ht 20–60 mm. Alt 1900–2745 m. KZN

XIPHOPTERIS Kaulf.

0171200

flabelliformis (Poir.) Schelpe = **Melpomene flabelliformis**

rigescens (Bory ex Willd.) Alston = **Melpomene flabelliformis**

HYMENOPHYLLACEAE

Compiled by J.P. Roux

CEPHALOMANES C.Presl 0124800

- (1) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 48.

rigidum (Sw.) K.Iwats.*Trichomanes rigidum* Sw. (1)

Perennial. Herb, geophyte, lithophyte. Ht 100–180 mm.
Alt 50–1400 m. LIM, G, M, S, KZN, EC

CREPIDOMANES (C.Presl) 0124400
C.Presl

- (1) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 44–46.

borbonicum (Bosch) J.P.Roux*Trichomanes borbonicum* Bosch (1)

Perennial. Herb, epiphyte, lithophyte. Ht 50–100 mm.
Alt 800–1200 m. M, S

inopinatum (Pic.Serm.) J.P.Roux*Trichomanes inopinatum* (Pic.Serm.) J.E.Burrows (1)

Perennial. Herb, epiphyte, lithophyte. Ht 10–75 mm.
Alt 350–800 m. M, S, KZN

melanotrichum (Schltdl.) J.P.Roux*Trichomanes melanotrichum* Schltdl. (1)

Trichomanes pyxidiferum L. var. *melanotrichum* (Schltdl.) Schelpe (1)

Perennial. Herb, epiphyte, lithophyte. Ht 10–75 mm.
Alt 50–1760 m. LIM, M, S, FS, KZN, WC, EC

HYMENOPHYLLUM Sm. 0124000

- (1) Schelpe. 1970. *FZ Pteridophyta*: 78–81.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 191–197.
(3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 76–79.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 94–100.
(5) Retief & Herman. 1997. *Strelitzia* 6: 21.
(6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 42.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 40–43.

capense Schrad.

Perennial. Herb, epiphyte, lithophyte. Ht 20–40 mm.
Alt 250–1500 m. LIM, M, KZN, WC, EC

capillare Desv. = **Sphaerocionium capillare****marlothii** Brause = **Sphaerocionium aeruginosum****peltatum** (Poir.) Desv.

Perennial. Herb, epiphyte, lithophyte. Ht 30–120 mm.
Alt 500–1981 m. KZN, WC, EC

tunbridgense (L.) Sm.

Perennial. Herb, epiphyte, lithophyte. Ht 30–100 mm.
Alt 155–1500 m. LIM, M, S, FS, KZN, WC, EC

SPHAEROCIONIUM C.Presl 0124200

- (1) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 42.
(2) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 43, 44.

aeruginosum (Poir.) Pic.Serm.*Hymenophyllum marlothii* Brause (2)

Perennial. Herb, lithophyte. Ht 30–80 mm. Alt 200–1700 m. WC, EC

capillare (Desv.) Copel.*Hymenophyllum capillare* Desv. (2)

Perennial. Herb, epiphyte, lithophyte. Ht 40–150 mm.
Alt 1200–1500 m. M

TRICHOMANES L. 0124600

- (1) Schelpe. 1970. *FZ Pteridophyta*: 75–78.
(2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 186–191.
(3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 71–76.
(4) Burrows. 1990. *Southern African ferns and fern allies*: 89–94.
(5) Retief & Herman. 1997. *Strelitzia* 6: 21, 22.
(6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 42.
(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 46–48.

borbonicum Bosch = **Crepidomanes borbonicum****erosum** Willd. var. **aeruginosum** (Bosch) C.Chr. ex Bonap.

Perennial. Herb, lithophyte. Ht 10–20 mm. Alt 50–200 m. KZN

inopinatum (Pic.Serm.) J.E.Burrows = **Crepidomanes inopinatum****melanotrichum** Schltdl. = **Crepidomanes melanotrichum****pyxidiferum** L. var. **melanotrichum** (Schltdl.) Schelpe = **Crepidomanes melanotrichum****reptans** Sw.

Perennial. Herb, epiphyte. Ht 20–30 mm. Alt 24–1525 m. LIM, M, KZN, EC

rigidum Sw. = **Cephalomanes rigidum**

- (7) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 42.

- (8) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 28–30.

aequinoctialis Welw. ex A.Braun*I. erongoensis* Wanntorp (4)

Perennial. Herb, geophyte, hydrophyte. Ht 40–350 mm. Alt 1225–1350 m. N, NC

ISOETACEAE

Compiled by J.P. Roux

ISOETES L. 0114100

- (1) Launert. 1969. *FSWA* 1: 1.
(2) Schelpe. 1970. *FZ Pteridophyta*: 30–32.
(3) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 151–157.
(4) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 23–28.
(5) Burrows. 1990. *Southern African ferns and fern allies*: 30–37.
(6) Retief & Herman. 1997. *Strelitzia* 6: 22.

alstonii C.F.Reed & Verdc. = **I. schweinfurthii**

capensis A.V.Duthie

Perennial. Herb, geophyte, hydrophyte. Ht 30–80 mm.
Alt 50–150 m. WC

capensis A.V.Duthie var. *stephanseniae* (A.V.Duthie)
Schelpe & N.C.Anthony = **I. stephanseniae**

erongoensis Wanntorp = **I. aequinoctialis**

giessii Launert

Perennial. Herb, geophyte, hydrophyte. Ht 140–250 mm.
Alt 1000–1300 m. N

kersii Wanntorp = **I. schweinfurthii**

natalensis Baker = **I. welwitschii**

rhodesiana Alston = **I. schweinfurthii**

schweinfurthii A.Braun

I. alstonii C.F.Reed & Verdc. (4)

I. kersii Wanntorp (4)

I. rhodesiana Alston (4)

Perennial. Herb, geophyte, hydrophyte. Ht 150–300 mm.
Alt 1300–1500 m. N, LIM

stellenbossiensis A.V.Duthie

Perennial. Herb, geophyte, hydrophyte. Ht 30–80 mm.
Alt 50–150 m. WC, NC

stephanseniae A.V.Duthie

I. capensis A.V.Duthie var. *stephanseniae* (A.V.Duthie) Schelpe &
N.C.Anthony (4)

Perennial. Herb, geophyte, hydrophyte. Ht 40–150 mm.
Alt 200–300 m. WC

transvaalensis Jermy & Schelpe

Perennial. Herb, geophyte, hydrophyte. Ht 30–150 mm.
Alt 1600–2600 m. LIM, M, FS, KZN, L

welwitschii A.Braun ex Kuhn

I. natalensis Baker (3)

Perennial. Herb, geophyte, hydrophyte. Ht 30–75 mm.
Alt 1400–1590 m. M, KZN

wormaldii Sim

Perennial. Herb, geophyte, hydrophyte. Ht 150–500 mm.
Alt 50–800 m. EC

LINDSAEACEAE

Compiled by J.P. Roux

LINDSAEA Dryand. ex Sm. 0153900

- (1) Schelpe. 1970. *FZ Pteridophyta*: 139–141.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 294–296.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 151.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 182, 183.

- (5) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 95.

ensifolia Sw.

Perennial. Herb, geophyte, hydrophyte. Ht 200–350 mm. Alt 20–50 m. KZN

LOMARIOPSIDACEAE

Compiled by J.P. Roux

ACROSTICHUM L. 0141500

viscosum Sw. var. *rupestre* (Sim) Sim in part = **Elaphoglossum conforme**

BOLBITIS Schott 0198500

- (1) Schelpe. 1970. *FZ Pteridophyta*: 218.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 427–429.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 239, 240.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 294–296.
- (5) Retief & Herman. 1997. *Strelitzia* 6: 22.
- (6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 146, 147.

heudelotii (Bory ex Fée) Alston

Perennial. Herb, hydrophyte, lithophyte. Ht 300–400 mm.
Alt 900–1600 m. LIM

ELAPHOGLOSSUM Schott 0198600
ex J.Sm.

- (1) Schelpe. 1970. *FZ Pteridophyta*: 209–216.

- (2) Roux. 1982. *Journal of South African Botany* 48: 481–526.
- (3) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 412–426.
- (4) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 230–239.
- (5) Burrows. 1990. *Southern African ferns and fern allies*: 280–293.
- (6) Retief & Herman. 1997. *Strelitzia* 6: 22, 23.
- (7) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 42, 43.
- (8) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 147–152.

acrostichoides (Hook. & Grev.) Schelpe

Perennial. Herb, epiphyte, geophyte, lithophyte. Ht 100–300 mm. Alt 185–2179 m. LIM, M, S, FS, KZN, L, WC, EC

angustatum (Schrad.) Hieron.

Perennial. Herb, lithophyte. Ht 200–500 mm. Alt 125–700 m. KZN, WC, EC

aubertii (Desv.) T.Moore

Perennial. Herb, epiphyte, geophyte, lithophyte. Ht 200–300 mm. Alt 1000–1560 m. LIM, M, KZN

conforme (Sw.) J.Sm.

Acrostichum viscosum Sw. var. *rupestre* Sim in part (2)
E. petiolatum (Sw.) Urb. var. *rupestre* (Sim) Sim (2)

Perennial. Herb, lithophyte. Ht 200–300 mm. Alt 607–915 m. WC

drakensbergense Schelpe

Perennial. Herb, geophyte, lithophyte. Ht 150–200 mm. Alt 1700–2125 m. FS, KZN

hybridum (Bory) Brack.

Perennial. Herb, geophyte, lithophyte. Ht 200–350 mm. Alt 915–2179 m. LIM, M, KZN, EC

macropodium (Fée) T.Moore

Perennial. Herb, epiphyte, geophyte, lithophyte. Ht 250–400 mm. Alt 100–1400 m. LIM, M, KZN, EC
petiolatum (Sw.) Urb. var. *rupestre* (Sim) Sim = **E. con-forme**

spathulatum (Bory) T.Moore

Perennial. Herb, lithophyte. Ht 20–40 mm. Alt 920–1500 m. M, FS, KZN

LYCOPODIACEAE

Compiled by J.P. Roux

HUPERZIA Bernh.

0112000

- (1) Øllgaard. 1989. *Biologiske Skrifter* 34: 8–23.
- (2) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 43.
- (3) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 18–21.

dacrydioides (Baker) Pic.Serm.

Lycopodium dacrydioides Baker (1)
Perennial. Herb, epiphyte, lithophyte. Ht 600–900 mm. Alt 250–1800 m. LIM, M, KZN

gnidioides (L.f.) Trevis.

Lycopodium gnidioides L.f. (1)
Lycopodium gnidioides L.f. var. *pinifolium* (Kaulf.) Pappe & Raws. (2)
Perennial. Herb, epiphyte, lithophyte. Ht 200–500 mm. Alt 100–1200 mm. LIM, M, S, KZN, WC, EC

ophioglossoides (Lam.) Rothm.

Lycopodium ophioglossoides Lam. (1)
Perennial. Herb, epiphyte, lithophyte. Ht 200–400 mm. Alt 1200–1400 m. LIM, M

saururus (Lam.) Trevis.

Lycopodium saururus Lam. (1)
Perennial. Herb, geophyte, lithophyte. Ht 150–300 mm. Alt 700–2800 m. M, FS, KZN, L, WC, EC

verticillata (L.f.) Trevis.

Lycopodium verticillatum L.f. (1)
Perennial. Herb, epiphyte, lithophyte. Ht 250–450 mm. Alt 300–1500 m. LIM, M, S, FS, KZN, EC

LYCOPODIELLA Holub

0112300

- (1) Øllgaard. 1989. *Biologiske Skrifter* 34: 25, 26.
- (2) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 43.
- (3) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 22, 23.

caroliniana (L.) Pic.Serm.

Lycopodium carolinianum L. var. *carolinianum* (1)
Perennial. Herb, geophyte. Ht 100–250 mm. Alt 300–1600 m. LIM, M, KZN, WC, EC

cernua (L.) Pic.Serm.

Lycopodium cernuum L. (1)
Perennial. Herb, geophyte. Ht 200–400 mm. Alt 50–1600 m. LIM, NW, G, M, S, KZN, WC, EC

sarcocaulon (A.Braun & Welw. ex Kuhn) Pic.Serm.

Lycopodium carolinianum L. var. *grandifolium* Spring (1)
Lycopodium sarcocaulon A.Braun & Welw. ex Kuhn (1)
Perennial. Herb, geophyte. Ht 100–250 mm. Alt 100–1200 m. M, S, KZN

LYCOPODIUM L.

0112200

- (1) Schelpe. 1970. *FZ Pteridophyta*: 17–22.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 132–142.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 5–13.
- (4) Øllgaard. 1989. *Biologiske Skrifter* 34: 26–78.
- (5) Burrows. 1990. *Southern African ferns and fern allies*: 10–20.
- (6) Retief & Herman. 1997. *Strelitzia* 6: 23.
- (7) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 43.
- (8) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 21, 22.

carolinianum L. var. *carolinianum* = **Lycopodiella caroliniana**
carolinianum L. var. *grandifolium* Spring = **Lycopodiella sarcocaulon**

cernuum L. = **Lycopodiella cernua**

clavatum L.

L. clavatum L. var. *inflexum* (P.Beauv.) Spring (3)
Perennial. Herb, geophyte, lithophyte. Ht 100–250 mm. Alt 275–2300 m. LIM, M, S, FS, KZN, WC, EC

clavatum L. var. *inflexum* (P.Beauv.) Spring = **L. clavatum complanatum** L. subsp. *zanclophyllum* (J.H.Wilce) Schelpe = **L. zanclophyllum**

dacrydioides Baker = **Huperzia dacrydioides**

gnidioides L.f. = **Huperzia gnidioides**

gnidioides L.f. var. *pinifolium* (Kaulf.) Pappe & Raws. = **Huperzia gnidioides**

ophioglossoides Lam. = **Huperzia ophioglossoides**

sarcocaulon A.Br. & Welw. ex Kuhn = **Lycopodiella sarcocaulon**

saururus Lam. = **Huperzia saururus**

verticillatum L.f. = **Huperzia verticillata**

zanclophyllum J.H.Wilce

L. complanatum L. subsp. *zanclophyllum* (J.H.Wilce) Schelpe (8)
Perennial. Herb, geophyte, lithophyte. Ht 150–300 mm. Alt 400–2000 m. WC, EC

LYGODIACEAE

Compiled by J.P. Roux

LYGODIUM Sw.

0127500

- (1) Schelpe. 1970. *FZ Pteridophyta*: 57–59.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 179–181.

- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 55, 56.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 60–62.
- (5) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 50.

***japonicum** (Thunb.) Sw.

Perennial. Herb, climber. Ht 1–10 m. Alt 5–20 m. EC

microphyllum (Cav.) R.Br.

Perennial. Herb, climber. Ht 1–10 m. Alt 10–50 m. KZN

MARATTIACEAE

Compiled by J.P. Roux

MARATTIA Sw.

0116600

No. 13: 35.

- (1) Schelpe. 1970. *FZ Pteridophyta*: 38–40.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 167, 168.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 37.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 49.
- (5) Retief & Herman. 1997. *Strelitzia* 6: 24.
- (6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 43.
- (7) Roux. 2001. *Southern African Botanical Diversity Network Report*

fraxinea Sm.*M. fraxinea* Sm. var. *salicifolia* (Schrad.) C.Chr. (7)

Perennial. Herb, geophyte, lithophyte. Ht 0.3–4 m. Alt 15–1300 m. LIM, G, M, S, KZN, WC, EC

fraxinea Sm. var. *salicifolia* (Schrad.) C.Chr. = **M. fraxinea**

MARSILEACEAE

Compiled by J.P. Roux

MARSILEA L.

0203100

- (1) Launert. 1969. *FSWA* 11: 1.
- (2) Launert. 1970. In Schelpe, *FZ Pteridophyta*: 59–67.
- (3) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 473–489.
- (4) Launert. 1984. *Garcia de Orta, Sér. Botânica* 6: 119–140.
- (5) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 57–65.
- (6) Burrows. 1990. *Southern African ferns and fern allies*: 66–79.
- (7) Retief & Herman. 1997. *Strelitzia* 6: 24, 25.
- (8) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 44.
- (9) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 173–177.

aegyptiaca Willd.

Perennial. Herb, hydrophyte. Ht 80–300 mm. Alt 600–1500 m. N, B, M, NC

apposita Launert

Perennial. Herb, hydrophyte. Ht 80–300 mm. Alt 600–800 m. M

burchellii (Kunze) A.Braun

Perennial. Herb, hydrophyte. Ht 80–300 mm. Alt 792–1500 m. N, B, LIM, NW, FS, NC, WC, EC

capensis A.Braun

Perennial. Herb, hydrophyte. Ht 80–250 mm. Alt 5–1515 m. LIM, NW, G, FS, NC, WC, EC

coromandelina Willd.

Perennial. Herb, hydrophyte. Ht 80–250 mm. Alt 800–1400 m. N, B, LIM

distorta A.Braun

Perennial. Herb, hydrophyte. Ht 80–250 mm. Alt 800–1100 m. N, B

ephippiocarpa Alston

Perennial. Herb, hydrophyte. Ht 80–300 mm. Alt 75–1400 m. N, B, LIM, M, S, KZN

farinosa Launert subsp. **arrecta** J.E.Burrows

Perennial. Herb, hydrophyte. Ht 80–250 mm. Alt 800–900 m. B, LIM, NW

farinosa Launert subsp. **farinosa**

Perennial. Herb, hydrophyte. Ht 80–250 mm. Alt 250–960 m. N, B, G, M, KZN

fenestrata Launert

Perennial. Herb, hydrophyte. Ht 80–250 mm. Alt 100–1100 m. S, KZN

macrocarpa C.Presl

Perennial. Herb, hydrophyte. Ht 80–350 mm. Alt 155–1830 m. N, B, LIM, NW, G, FS, KZN, L, EC

minuta L. var. **minuta**

Perennial. Herb, hydrophyte. Ht 80–350 mm. Alt 150–300 m. S, KZN

nubica A.Braun var. **gymnocarpa** (Lepr. ex A.Braun) Launert

Perennial. Herb, hydrophyte. Ht 80–250 mm. Alt 800–1200 m. N, B

nubica A.Braun var. **nubica**

Perennial. Herb, hydrophyte. Ht 80–250 mm. Alt 800–1000 m. N

schelpeana Launert

Perennial. Herb, hydrophyte. Ht 80–300 mm. Alt 5–215 m. WC, EC

unicornis Launert

Perennial. Herb, hydrophyte. Ht 80–250 mm. Alt 600–1200 m. N

vera Launert

Perennial. Herb, hydrophyte. Ht 80–250 mm. Alt 600–1000 m. N, B

villifolia Bremek. & Oberm. ex Alston & Schelpe

Perennial. Herb, hydrophyte. Ht 80–250 mm. Alt 600–1250 m. N, B, LIM, NW

PILULARIA L.

0203300

Roux. 2002. *Bothalia* 32: 82, 83.**americana** A.Braun

Annual. Herb, hydrophyte. Ht 10–20 mm. Alt ± 600 m. NC

NEPHROLEPIDACEAE

Compiled by J.P. Roux

NEPHROLEPIS Schott

0178400

- (1) Schelpe. 1970. *FZ Pteridophyta*: 159–162.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 321–323.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 167–169.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 204–207.
- (5) Retief & Herman. 1997. *Strelitzia* 6: 19.
- (6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 44.
- (7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 110–113.

biserrata (Sw.) Schott

Perennial. Herb, geophyte. Ht 1–3 m. Alt 15–640 m.
M, KZN

***exaltata** (L.) Schott

Perennial. Herb, epiphyte, geophyte, lithophyte. Ht 0.4–1.2 m. Alt 20–650 m. S, KZN, WC

OLEANDRACEAE

Compiled by J.P. Roux

ARTHROPTERIS J.Sm.

0196900

- (1) Schelpe. 1970. *FZ Pteridophyta*: 162–165.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 324, 325.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 170.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 207.
- (5) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 143.

monocarpa (Cordem.) C.Chr.

Perennial. Herb, lithophyte. Ht 200–300 mm. Alt 100–1300 m. M, S, KZN

OLEANDRA Cav.

0196800

- (1) Schelpe. 1970. *FZ Pteridophyta*: 165, 166.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 326, 327.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 170, 171.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 208, 209.
- (5) Retief & Herman. 1997. *Strelitzia* 6: 19.
- (6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 142, 143.

distenta Kunze

Perennial. Herb, lithophyte. Ht 200–300 mm. Alt 30–1400 m. LIM, G, M, S, KZN, EC

OPHIOGLOSSACEAE

Compiled by J.P. Roux

OPHIOGLOSSUM L.

0115200

- (1) Launert. 1969. *FSWA* 2: 1.
- (2) Schelpe. 1970. *FZ Pteridophyta*: 34–38.
- (3) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 160–166.
- (4) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 31–35.
- (5) Burrows. 1990. *Southern African ferns and fern allies*: 39–48.
- (6) Burrows & Edwards. 1993. *Bothalia* 23: 185–190.
- (7) Burrows & Edwards. 1995. *Bothalia* 25: 61–63.
- (8) Retief & Herman. 1997. *Strelitzia* 6: 25.
- (9) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 44.
- (10) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 31–35.

bergianum Schtdl.

Perennial. Herb, geophyte. Ht 20–35 mm. Alt 250–700 m. NC, WC

caroticaule J.E.Burrows

Perennial. Herb, geophyte. Ht 40–60 mm. Alt 1200–1500 m. LIM, M

convexum J.E.Burrows

Perennial. Herb, geophyte. Ht 30–100 mm. Alt 1500–1875 m. M

costatum R.Br.

Perennial. Herb, geophyte. Ht 140–175 mm. Alt 450–1450 m. B, M

gomezianum Welw. ex A.Braun

Perennial. Herb, geophyte. Ht 35–60 mm. Alt 470–1500 m. LIM, M

gracile Pocock ex J.E.Burrows

Perennial. Herb, geophyte. Ht 75–110 mm. Alt 750–1000 m. WC

gracillimum Welw. ex Hook. & Baker

Perennial. Herb, geophyte. Ht 30–45 mm. Alt 1000–1300 m. LIM

lancifolium C.Presl

Perennial. Herb, geophyte. Ht 55–90 mm. Alt 500–1400 m. N, B

lusoaffricanum Welw. ex Prantl

Perennial. Herb, geophyte. Ht 47–100 mm. Alt 500–1900 m. LIM, M, S, FS, KZN, EC

nudicaule L.f.

Perennial. Herb, geophyte. Ht 15–40 mm. Alt 183–700 m. NC, WC, EC

polyphyllum A.Braun

Perennial. Herb, geophyte. Ht 55–85 mm. Alt 50–2000 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

reticulatum L. subsp. **reticulatum**

Perennial. Herb, geophyte. Ht 100–200 mm. Alt 50–1700 m. N, LIM, G, M, S, KZN, EC

rubellum Welw. ex A. Braun

Perennial. Herb, geophyte. Ht 15–70 mm. Alt 1000–1200 m. M

vulgatum L. subsp. **africanum** Pockock ex J.E. Burrows
var. **africanum**

Perennial. Herb, geophyte. Ht 85–165 mm. Alt 50–1950 m. LIM, NW, M, FS, KZN, EC

vulgatum L. subsp. **kilimandscharicum** (Hieron.) J.E. Burrows

O. vulgatum L. var. *kilimandscharicum* Hieron. (6)

Perennial. Herb, geophyte. Ht 85–165 mm. Alt 1500–1900 m. M, KZN

vulgatum L. var. *kilimandscharicum* Hieron. = **O. vulgatum** subsp. **kilimandscharicum**

OSMUNDACEAE

Compiled by J.P. Roux

OSMUNDA L.

0117600

- (1) Schelpe. 1970. *FZ Pteridophyta*: 44–46.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 169, 170.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 43–45.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 49, 50.
- (5) Retief & Herman. 1997. *Strelitzia* 6: 26.
- (6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 44, 45.
- (7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 36.

crenata Desv. = **Mohria marginalis***marginalis* Savigny = **Mohria marginalis****regalis** L.

O. schelpei Bobrov (3)

O. transvaalensis Bobrov (3)

Perennial. Herb, geophyte, lithophyte. Ht 0.2–1.52 m. Alt 10–2000 m. LIM, NW, G, M, S, FS, KZN, WC, EC

schelpei Bobrov = **O. regalis***thurifera* Sw. = **Mohria caffrorum***thurifraga* Comm. ex Bory, naked name = **Mohria marginalis***thurifraga* Comm. ex Savigny, naked name = **Mohria marginalis***transvaalensis* Bobrov = **O. regalis****TODEA** Willd. ex Bernh.

0117700

- (1) Schelpe. 1970. *FZ Pteridophyta*: 46.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 170, 171.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 45.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 50, 51.
- (5) Retief & Herman. 1997. *Strelitzia* 6: 26.
- (6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 45.
- (7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 36, 37.

barbara (L.) T. Moore

Perennial. Herb, geophyte. Ht 0.45–3 m. Alt 0–1600 m. LIM, M, S, KZN, NC, WC, EC

PARKERIACEAE

Compiled by J.P. Roux

CERATOPTERIS Brongn.

0129000

- (1) Schelpe. 1970. *FZ Pteridophyta*: 102–105.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 217, 218.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 95, 96.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 112–114.
- (5) Roux. 2001. *Southern African Botanical Diversity Network Report*

No. 13: 55.

cornuta (P. Beauv.) Lepr. = **C. thalictroides****thalictroides** (L.) Brongn.

cornuta (P. Beauv.) Lepr. (5)

Perennial. Herb, hydrophyte. Ht 250–350 mm. Alt 20–600 m. N, B, S, KZN

POLYPODIACEAE

Compiled by J.P. Roux

LEPISORUS (J. Sm.) Ching

0160100

- (1) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 100.

excavatus (Bory ex Willd.) Ching

Pleopeltis excavata (Bory ex Willd.) Sledge (1)

Perennial. Herb, epiphyte, lithophyte. Ht 150–350 mm. Alt 700–1980 m. LIM, M

schraderi (Mett.) Ching

Pleopeltis schraderi (Mett.) Tardieu (1)

Perennial. Herb, epiphyte, lithophyte. Ht 130–340 mm. Alt 50–1800 m. LIM, M, S, FS, KZN, L, WC, EC

LOXOGRAMME (Blume) C. Presl 0167600

- (1) Schelpe. 1970. *FZ Pteridophyta*: 149–151.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 306, 307.

- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 156.
 (4) Burrows. 1990. *Southern African ferns and fern allies*: 187, 188.
 (5) Retief & Herman. 1997. *Strelitzia* 6: 26.
 (6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 105, 106.

abyssinica (Baker) M.G.Price*L. lanceolata* (Sw.) C.Presl, of author (6)Perennial. Herb, epiphyte, lithophyte. Ht 60–150 mm.
Alt 75–1940 m. LIM, M, S, KZN, EC*lanceolata* (Sw.) C.Presl, of author = **L. abyssinica**.**MICROGRAMMA** C.Presl 0164600

- (1) Schelpe. 1970. *FZ Pteridophyta*: 155, 156.
 (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 311, 312.
 (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 162.
 (4) Burrows. 1990. *Southern African ferns and fern allies*: 198, 199.
 (5) Retief & Herman. 1997. *Strelitzia* 6: 26.
 (6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 103.

lycopodioides (L.) Copel., of author = **M. mauritiana****mauritiana** (Willd.) Tardieu*M. lycopodioides* (L.) Copel., of author (6)Perennial. Herb, epiphyte, lithophyte. Ht 60–160 mm.
Alt 10–650 m. M, S, KZN**MICROSORUM** Link 0161600

- (1) Schelpe. 1970. *FZ Pteridophyta*: 156–158.
 (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 312–316.
 (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 162–167.
 (4) Burrows. 1990. *Southern African ferns and fern allies*: 199–202.
 (5) Bosman. 1991. *Leiden Botanical Series* 14: 1–161.
 (6) Retief & Herman. 1997. *Strelitzia* 6: 26, 27.
 (7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 100–102.

ensifforme (Thunb.) Schelpe = **Polypodium ensifforme****pappei** (Mett. ex Kuhn) ChingPerennial. Herb, epiphyte, lithophyte. Ht 150–760 mm.
Alt 500–1100 m. KZN**punctatum** (L.) Copel.Perennial. Herb, epiphyte, lithophyte. Ht 500–900 mm.
Alt 5–185 m. KZN, EC***scandens** (G.Forst.) Tindale*Phymatosorus scandens* (G.Forst.) Pic.Serm. (5)Perennial. Herb, geophyte, lithophyte. Ht 200–300 mm.
Alt 200–300 m. WC**scolopendria** (Burm.f.) Copel.*Phymatodes scolopendria* (Burm.f.) Ching (1)*Phymatosorus scolopendria* (Burm.f.) Pic.Serm. (5)Perennial. Herb, geophyte, lithophyte. Ht 200–400 mm.
Alt 20–1000 m. M, KZN, EC**PHLEBODIUM** (R.Br.) J.Sm. 0164300***aureum** (L.) J.Sm. = **Polypodium aureum****PHYMATODES** C.Presl 0164000*ensifformis* (Thunb.) Schelpe = **Polypodium ensifforme**
scolopendria (Burm.f.) Ching = **Microsorium scolopendria****PHYMATOSORUS** Pic.Serm. 0162500*ensifformis* (Thunb.) Pic.Serm. = **Polypodium ensifforme**
scandens (G.Forst.) Pic.Serm. = **Microsorium scandens**
scolopendria (Burm.f.) Pic.Serm. = **Microsorium scolopendria****PLEOPELTIS** Humb. & Bonpl. 0164900
ex Willd.

- (1) Schelpe. 1970. *FZ Pteridophyta*: 151–153.
 (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 307–310.
 (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 159–161.
 (4) Burrows. 1990. *Southern African ferns and fern allies*: 195–198.
 (5) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 45.
 (6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 103–105.

excavata (Bory ex Willd.) Sledge = **Lepisorus excavatus**
macrocarpa (Bory ex Willd.) Kaulf.Perennial. Herb, epiphyte, lithophyte. Ht 60–200 mm.
Alt 50–1900 m. LIM, G, M, S, FS, KZN, WC, EC*macrocarpa* (Bory ex Willd.) Kaulf. forma *sinuata* (Sim)
Schelpe = × **Pleopodium simianum***schraderi* (Mett.) Tardieu = **Lepisorus schraderi**× **PLEOPODIUM** Schelpe 0167000
& N.C.Anthony

- (1) Anthony & Schelpe. 1985. *Bothalia* 15: 555–559.
 (2) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 159.
 (3) Burrows. 1990. *Southern African ferns and fern allies*: 194, 195.
 (4) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 45.
 (5) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 105.

simianum Schelpe & N.C.Anthony*Pleopeltis macrocarpa* (Bory ex Willd.) Kaulf. forma *sinuata* (Sim)
Schelpe (1)Perennial. Herb, epiphyte, lithophyte. Ht 100–150 mm.
Alt 50–1800 m. LIM, M, KZN, WC, EC**POLYPODIUM** L. 0163700

- (1) Schelpe. 1970. *FZ Pteridophyta*: 158, 159.
 (2) Pichi Sermolli. 1973. *Webbia* 28: 445–477.
 (3) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 317–319.
 (4) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 156–158.
 (5) Burrows. 1990. *Southern African ferns and fern allies*: 193, 194.
 (6) Retief & Herman. 1997. *Strelitzia* 6: 27.
 (7) Roux. 1999. *Bothalia* 29: 103–107.
 (8) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 45.
 (9) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 102, 103.

***aureum** L.*Phlebodium aureum* (L.) J.Sm. (8)Perennial. Herb, epiphyte, geophyte, lithophyte. Ht 0.6–1
m. Alt 50–400 m. KZN*caffrorum* L. = **Mohria caffrorum****ensifforme** Thunb. (5)*Microsorium ensifforme* (Thunb.) Schelpe (1)*Phymatodes ensiformis* (Thunb.) Schelpe (3)*Phymatosorus ensiformis* (Thunb.) Pic.Serm. (2)**polypodiioides** (L.) Hitchc. subsp. **ecklonii** (Kunze) SchelpePerennial. Herb, epiphyte, lithophyte. Ht 25–200 mm.
Alt 200–1700 m. LIM, G, M, S, FS, KZN, EC**vulgare** L.Perennial. Herb, epiphyte, lithophyte. Ht 80–200 mm.
Alt 915–2428 m. M, FS, KZN, L, WC, EC**PYRROSIA** Mirb. 0155200

- (1) Schelpe. 1970. *FZ Pteridophyta*: 146–149.
 (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 302–306.
 (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 153–155.
 (4) Hovenkamp. 1986. *Leiden Botanical Series* 9: 1–130.
 (5) Burrows. 1990. *Southern African ferns and fern allies*: 189–192.
 (6) Retief & Herman. 1997. *Strelitzia* 6: 27.
 (7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 97, 98.

africana (Kunze) F.Ballard
Perennial. Herb, epiphyte, lithophyte. Ht 75–350 mm.
Alt 25–700 m. KZN, EC

schimperiana (Mett. ex Kuhn) Alston var. **schimperiana**
Perennial. Herb, epiphyte, lithophyte. Ht 200–300 mm.
Alt 1400–1650 m. M

PSILOTACEAE

Compiled by J.P. Roux

PSILOTUM Sw.

0110100

- (1) Schelpe. 1970. *FZ Pteridophyta*: 15.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 130, 131.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 1–3.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 10.

- (5) Retief & Herman. 1997. *Strelitzia* 6: 27.
- (6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 116, 117.

nudum (L.) P.Beauv.

Perennial. Herb, epiphyte, lithophyte. Ht 150–300 mm.
Alt 20–1500 m. LIM, M, S, FS, KZN, L, EC

PTERIDACEAE

Compiled by J.P. Roux

ACROSTICHUM L.

0141500

- (1) Schelpe. 1970. *FZ Pteridophyta*: 98, 99.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 218–220.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 91–93.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 114.
- (5) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 81, 82.

aureum L.

Perennial. Herb, geophyte, hydrophyte. Ht 1–2.5 m. Alt 0–20 m. KZN

viscosum Sw. var. *rupestre* Sim in part = **Elaphoglossum conforme**

ACTINIOPTERIS Link

0133100

- (1) Launert. 1969. *FSWA* 4: 1.
- (2) Schelpe. 1970. *FZ Pteridophyta*: 136–138.
- (3) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 290–293.
- (4) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 148, 149.
- (5) Burrows. 1990. *Southern African ferns and fern allies*: 178–182.
- (6) Retief & Herman. 1997. *Strelitzia* 6: 8.
- (7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 58, 59.

dimorpha Pic.Serm.

Perennial. Herb, geophyte, lithophyte. Ht 150–190 mm.
Alt 640–1435 m. LIM, M

radiata (J.König ex Sw.) Link

Perennial. Herb, geophyte, lithophyte. Ht 150–190 mm.
Alt 200–1600 m. N, B, LIM, NW, M, S, KZN, NC

semiflabellata Pic.Serm.

Perennial. Herb, geophyte, lithophyte. Ht 140–180 mm.
Alt 800–1200 m. N

ADIANTUM L.

0138500

- (1) Launert. 1969. *FSWA* 6: 1.
- (2) Schelpe. 1970. *FZ Pteridophyta*: 108–113.
- (3) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 223–233.
- (4) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 99–105.
- (5) Burrows. 1990. *Southern African ferns and fern allies*: 118–126.
- (6) Retief & Herman. 1997. *Strelitzia* 6: 8.
- (7) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 46.
- (8) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 73–77.

aethiopicum L.

Perennial. Herb, geophyte. Ht 100–200 mm. Alt 30–335 m. WC, EC

capillus-veneris L.

Perennial. Herb, geophyte, lithophyte. Ht 150–250 mm.
Alt 20–2000 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

hispidulum Sw.

Perennial. Herb, geophyte. Ht 200–300 mm. Alt 250–620 m. LIM, KZN, WC

incisum Forssk.

Perennial. Herb, lithophyte. Ht 150–200 mm. Alt 610–1310 m. N, B, LIM, M

poiretii Wikstr.

Perennial. Herb, geophyte, lithophyte. Ht 200–330 mm.
Alt 100–1600 m. N, LIM, G, M, S, FS, KZN, WC, EC

*raddianum C.Presl

Perennial. Herb, geophyte. Ht 250–350 mm. Alt 100–1650 m. LIM, M, S, KZN, WC, EC

ANOGRAMMA Link

0132200

- (1) Launert. 1969. *FSWA* 5: 1.
- (2) Schelpe. 1970. *FZ Pteridophyta*: 99–102.
- (3) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 220, 221.
- (4) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 93–95.
- (5) Burrows. 1990. *Southern African ferns and fern allies*: 114, 115.
- (6) Retief & Herman. 1997. *Strelitzia* 6: 8.
- (7) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 46.
- (8) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 57, 58.

leptophylla (L.) Link

Annual. Herb, geophyte. Ht 10–25 mm. Alt 250–1700 m. NW, FS, KZN, WC

CHEILANTHES Sw.

0136000

- (1) Launert. 1969. *FSWA* 7: 1–5.
- (2) Schelpe. 1970. *FZ Pteridophyta*: 122–128.
- (3) Schelpe & Anthony. 1982. *Contributions from the Bolus Herbarium* 10: 143–161.
- (4) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 246–268.
- (5) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 111–140.

- (6) Burrows. 1990. *Southern African ferns and fern allies*: 127–155.
 (7) Retief & Herman. 1997. *Strelitzia* 6: 8–10.
 (8) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 46, 47.
 (9) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 59–67.

bergiana Schltdl.

Perennial. Herb, geophyte. Ht 150–450 mm. Alt 5–1525 m. LIM, G, M, S, KZN, WC, EC

botswanae Schelpe & N.C. Anthony

Perennial. Herb, geophyte, lithophyte. Ht 90–200 mm. Alt 1200–1400 m. B, LIM

capensis (Thunb.) Sw.

Perennial. Herb, geophyte, lithophyte. Ht 200–260 mm. Alt 100–1578 m. N, FS, KZN, L, NC, WC, EC

concolor (Langsd. & Fisch.) R.M. Tryon & A.F. Tryon =

Doryopteris concolor**contracta** (Kunze) Mett. ex Kuhn

Perennial. Herb, geophyte, lithophyte. Ht 150–300 mm. Alt 100–1525 m. M, NC, WC, EC

deltoidea Kunze

Perennial. Herb, geophyte. Ht 60–100 mm. Alt 120–1340 m. N, LIM, NC, WC

depauperata Baker

Perennial. Herb, geophyte, lithophyte. Ht 80–260 mm. Alt 1100–1465 m. NC, WC

dinteri Brause

Perennial. Herb, geophyte, lithophyte. Ht 80–180 mm. Alt 500–1850 m. N

dolomiticola (Schelpe) Schelpe & N.C. Anthony

Pellaea dolomiticola Schelpe (2)

Perennial. Herb, lithophyte. Ht 80–120 mm. Alt 700–1695 m. LIM, NW, G, NC

eckloniana (Kunze) Mett.

Notholaena eckloniana Kunze (2)

Perennial. Herb, geophyte, lithophyte. Ht 250–300 mm. Alt 100–1900 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

fusca Blume = **Mohria caffrorum**

hastata (L.f.) Kunze

Pellaea hastata (L.f.) Link var. *hastata* (4)

Perennial. Herb, geophyte, lithophyte. Ht 150–250 mm. Alt 30–1700 m. N, NC, WC

hirta Sw.

C. hirta Sw. var. *brevipilosa* W. Jacobsen & N. Jacobsen (9)

C. hirta Sw. var. *hyaloglandulosa* (W. Jacobsen & N. Jacobsen) J.E. Burrows (9)

C. hirta Sw. var. *inferacampestris* W. Jacobsen & N. Jacobsen (9)

C. hirta Sw. var. *nemerosa* W. Jacobsen & N. Jacobsen (9)

C. hyaloglandulosa W. Jacobsen & N. Jacobsen (9)

Perennial. Herb, geophyte, lithophyte. Ht 200–350 mm. Alt 15–1900 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

hirta Sw. var. *brevipilosa* W. Jacobsen & N. Jacobsen = **C. hirta**

hirta Sw. var. *hyaloglandulosa* (W. Jacobsen & N. Jacobsen) J.E. Burrows = **C. hirta**

hirta Sw. var. *inferacampestris* W. Jacobsen & N. Jacobsen = **C. hirta**

hirta Sw. var. *nemerosa* W. Jacobsen & N. Jacobsen = **C. hirta**

hyaloglandulosa W. Jacobsen & N. Jacobsen = **C. hirta**

inaequalis (Kunze) Mett. var. **buchananii** (Baker) Schelpe

Perennial. Herb, geophyte, lithophyte. Ht 80–150 mm.

Alt 100–1200 m. LIM, M, KZN, EC

inaequalis (Kunze) Mett. var. **inaequalis**

Notholaena inaequalis Kunze (1)

Perennial. Herb, geophyte, lithophyte. Ht 80–160 mm. Alt 100–1400 m. N, B, LIM, M, KZN

induta Kunze

Perennial. Herb, geophyte, lithophyte. Ht 150–270 mm. Alt 100–1500 m. NC, WC, EC

involuta (Sw.) Schelpe & N.C. Anthony var. **involuta**

Pellaea viridis (Forssk.) Prantl var. *involuta* (Sw.) Schelpe (3)

Perennial. Herb, geophyte, lithophyte. Ht 200–300 mm. Alt 330–1830 m. M, G, WC, EC

involuta (Sw.) Schelpe & N.C. Anthony var. **obscura** (N.C. Anthony) N.C. Anthony

C. viridis (Forssk.) Sw. var. *obscura* N.C. Anthony (5)

Perennial. Herb, geophyte, lithophyte. Ht 200–300 mm. Alt 365–1900 m. N, LIM, NW, G, M, S, FS, KZN, L, EC

kunzei Mett.

Pellaea hastata (L.f.) Link var. *minor* (Kunze) Schelpe (5)

Perennial. Herb, geophyte, lithophyte. Ht 25–100 mm. Alt 600–1000 m. N, NC

marlothii (Hieron.) Schelpe

Notholaena marlothii Hieron. (4)

Perennial. Herb, geophyte, lithophyte. Ht 180–260 mm. Alt 1700–2000 m. N, LIM, NW

multifida (Sw.) Sw.

C. multifida (Sw.) Sw. subsp. *lacerata* N.C. Anthony & Schelpe (9)

Perennial. Herb, geophyte, lithophyte. Ht 100–300 mm. Alt 50–2000 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

multifida (Sw.) Sw. subsp. *lacerata* N.C. Anthony & Schelpe = **C. multifida**

namaquensis (Baker) Schelpe & N.C. Anthony

Pellaea namaquensis Baker (3)

Perennial. Herb, geophyte, lithophyte. Ht 80–110 mm. Alt 273–789 m. N, NC, WC

nielsii Jacobsen

Perennial. Herb, lithophyte. Ht 75–140 mm. Alt 700–1100 m. N, LIM

parviloba (Sw.) Sw.

Perennial. Herb, geophyte, lithophyte. Ht 250–350 mm. Alt 120–2338 m. N, LIM, FS, L, WC, EC

pentagona Schelpe & N.C. Anthony

Perennial. Herb, lithophyte. Ht 100–200 mm. Alt 800–1900 m. N, LIM, G

quadripinnata (Forssk.) Kuhn

Pellaea quadripinnata (Forssk.) Prantl (4)

Perennial. Herb, geophyte, lithophyte. Ht 200–350 mm. Alt 200–2100 m. LIM, G, M, S, FS, KZN, L, WC, EC

rawsonii (Pappe) Mett. ex Kuhn

Notholaena rawsonii Pappe (4)

Perennial. Herb, lithophyte. Ht 150–250 mm. Alt 400–1700 m. N, NC

robusta (Kunze) R.M. Tryon

Pellaea robusta (Kuntze) Hook. (4)

Perennial. Herb, geophyte. Ht 20–160 mm. Alt 50–1200 m. N, NC, WC

viridis (Forssk.) Sw. var. **glauca** (Sim) Schelpe & N.C. Anthony

Pellaea viridis (Forssk.) Prantl var. *glauca* (Sim) Sim (3)

Perennial. Herb, geophyte, lithophyte. Ht 150–350 mm.
Alt 15–1950 m. N, B, LIM, NW, G, M, S, KZN,
WC, EC

viridis (Forssk.) Sw. var. **macrophylla** (Kunze) Schelpe
& N.C. Anthony

Pellaea viridis (Forssk.) Prantl var. *macrophylla* (Kunze) Sim (2)
Perennial. Herb, geophyte. Ht 200–350 mm. Alt 120–
1829 m. M, S, KZN, WC, EC

viridis (Forssk.) Sw. var. *obscura* N.C. Anthony = **C.**
involuta var. **obscura**

viridis (Forssk.) Sw. var. **viridis**

Pellaea viridis (Forssk.) Prantl var. *viridis* (2)
Perennial. Herb, geophyte, lithophyte. Ht 200–350 mm.
Alt 10–1980 m. N, LIM, NW, G, M, S, FS, KZN,
WC, EC

DORYOPTERIS J.Sm. 0137000

- (1) Launert. 1969. *FSWA* 7: 3.
- (2) Jacobsen. 1983. *The fern and fern allies of southern Africa*: 244–246.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 121.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 155–158.
- (5) Retief & Herman. 1997. *Strelitzia* 6: 10.
- (6) Roux. 2001. *Southern African Botanical Diversity Network Report*
No. 13: 72, 73.

concolor (Langsd. & Fisch.) Kuhn

Cheilanthes concolor (Langsd. & Fisch.) R.Tryon & A.F.Tryon (2)
Perennial. Herb, geophyte. Ht 200–300 mm. Alt 100–
200 m. N, B, LIM, NW, M, S, KZN, WC, EC

pilosa (Poir.) Kuhn var. **gemmifera** J.E.Burrows &
S.E.Strauss

Perennial. Herb, geophyte. Ht 60–120 mm. Alt 800–
1350 m. LIM

NOTHOLAENA R.Br. 0136700

eckloniana Kunze = **Cheilanthes eckloniana**

inaequalis Kunze = **Cheilanthes inaequalis** var. **inae-**
qualis

marlothii Hieron. = **Cheilanthes marlothii**

rawsonii Pappe = **Cheilanthes rawsonii**

PELLAEA Link 0136800

- (1) Launert. 1969. *FSWA* 7: 5, 6.
- (2) Schelpe. 1970. *FZ Pteridophyta*: 128–136.
- (3) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 268–290.
- (4) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 140–148.
- (5) Burrows. 1990. *Southern African ferns and fern allies*: 167–177.
- (6) Retief & Herman. 1997. *Strelitzia* 6: 10.
- (7) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 47, 48.
- (8) Roux. 2001. *Southern African Botanical Diversity Network Report*
No. 13: 68–72.

boivinii Hook.

Perennial. Herb, geophyte, lithophyte. Ht 150–190 mm.
Alt 900–1850 m. LIM, G, M

calomelanos (Sw.) Link var. **calomelanos**

Perennial. Herb, geophyte, lithophyte. Ht 150–250 mm.
Alt 100–2100 m. N, B, LIM, NW, G, M, S, FS,
KZN, L, NC, WC, EC

calomelanus (Sw.) Link var. *leucomelas* (Mett. ex Kuhn)
J.E.Burrows = **P. leucomelas**

dolomiticola Schelpe = **Cheilanthes dolomiticola**

dura (Willd.) Hook.

Perennial. Herb, geophyte, lithophyte. Ht 150–240 mm.
Alt 900–1800 m. N, LIM, NW, M, S, KZN

goudotii Kunze ex C.Chr. = **P. pectiniformis**

hastata (L.f.) Link var. *hastata* = **Cheilanthes hastata**
hastata (L.f.) Link var. *minor* (Kunze) Schelpe = **Chei-**
lanthes kunzei

leucomelas (Mett. ex Kuhn) Baker

P. calomelanus (Sw.) Link var. *leucomelas* (Mett. ex Kuhn) J.E.Bur-

rows (6)

Perennial. Herb, geophyte, lithophyte. Ht 150–250 mm.
Alt 215–1000 m. WC, EC

namaquensis Baker = **Cheilanthes namaquensis**

pectiniformis Baker

P. goudotii Kunze ex C.Chr. (3)

Perennial. Herb, geophyte, lithophyte. Ht 150–250 mm.
Alt 400–1300 m. N, LIM, G, M, S, KZN

pteroideis (L.) Prantl

Perennial. Herb, geophyte, lithophyte. Ht 250–400 mm.
Alt 15–1765 m. NC, WC

quadripinnata (Forssk.) Prantl = **Cheilanthes quadrip-**
innata

robusta (Kuntze) Hook. = **Cheilanthes robusta**

rufa A.F.Tryon

Perennial. Herb, lithophyte, geophyte. Ht 90–230 mm.
Alt 800–1200 m. WC

viridis (Forssk.) Prantl var. *glauca* (Sim) Sim = **Chei-**
lanthes viridis var. **glauca**

viridis (Forssk.) Prantl var. *involuta* (Sw.) Schelpe =
Cheilanthes involuta var. **involuta**

viridis (Forssk.) Prantl var. *macrophylla* (Kunze) Sim =
Cheilanthes viridis var. **macrophylla**

viridis (Forssk.) Prantl var. *viridis* = **Cheilanthes viridis**
var. **viridis**

PITYROGRAMMA Link 0131900

- (1) Schelpe. 1970. *FZ Pteridophyta*: 105–108.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 221–223.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 97–99.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 115, 116.
- (5) Retief & Herman. 1997. *Strelitzia* 6: 10, 11.
- (6) Roux. 2001. *Southern African Botanical Diversity Network Report*
No. 13: 56, 57.

argentea (Willd.) Domin

Perennial. Herb, geophyte, lithophyte. Ht 150–280 mm.
Alt 900–1600 m. LIM, NW, G, M, FS, KZN

***calomelanos** (L.) Link var. **aureoflava** (Hook.) Weath.
ex Bailey

Perennial. Herb, geophyte, lithophyte. Ht 250–350 mm.
Alt 10–1750 m. M, S, KZN, EC

PTERIS L. 0140600

- (1) Schelpe. 1970. *FZ Pteridophyta*: 115–121.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 234–244.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 105–110.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 158–166.
- (5) Retief & Herman. 1997. *Strelitzia* 6: 11.
- (6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 48.
- (7) Roux. 2001. *Southern African Botanical Diversity Network Report*
No. 13: 77–81.

buchananii Baker ex Sim

Perennial. Herb, geophyte, hydrophyte. Ht 0.58–2.5 m.
Alt 50–1280 m. LIM, M, KZN, WC, EC

catoptera Kunze var. **catoptera**

Perennial. Herb, geophyte. Ht 0.4–1.75 m. Alt 50–
2200 m. LIM, M, S, KZN, EC

catoptera Kunze var. **horridula** Schelpe

Perennial. Herb, geophyte. Ht 0.4–1.75 m. Alt 1200–1600 m. M, S

cretica L.

Perennial. Herb, geophyte, lithophyte. Ht 250–450 mm. Alt 75–1800 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

dentata Forssk.

Perennial. Herb, geophyte. Ht 0.4–1.2 m. Alt 30–1725 m. LIM, NW, G, M, S, KZN, L, WC, EC

friesii Hieron.

Perennial. Herb, geophyte. Ht 0.4–1.3 m. Alt 350–1750 m. LIM, NW, S, KZN

***tremula** R.Br.

Perennial. Herb, geophyte, lithophyte. Ht 0.4–1.6 m. Alt 150–350 m. WC

vittata L.

Perennial. Herb, geophyte, lithophyte. Ht 0.1–1.52 m. Alt 220–1900 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, EC

SALVINIACEAE

Compiled by J.P. Roux

SALVINIA Ség.

0204300

No. 13: 178.

- (1) Schelpe. 1970. *FZ Pteridophyta*: 67–69.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 490–492.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 67.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 80, 81.
- (5) Retief & Herman. 1997. *Strelitzia* 6: 28.
- (6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 48.
- (7) Roux. 2001. *Southern African Botanical Diversity Network Report*

auriculata of author, not of Aubl., misapplied name = **S. molesta**

***molesta** D.S.Mitch.

S. auriculata of author, not of Aubl., misapplied name (3)
Perennial. Herb, hydrophyte. Ht 20–30 mm. Alt 5–1500 m. N, B, LIM, NW, KZN, WC, EC

SCHIZAEACEAE

Compiled by J.P. Roux

SCHIZAEA Sm.

0126800

No. 13: 49.

- (1) Schelpe. 1970. *FZ Pteridophyta*: 52.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 172–174.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 49–51.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 56–58.
- (5) Retief & Herman. 1997. *Strelitzia* 6: 29.
- (6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 48.
- (7) Roux. 2001. *Southern African Botanical Diversity Network Report*

pectinata (L.) Sw.

Perennial. Herb, geophyte, lithophyte. Ht 200–400 mm. Alt 46–1500 m. LIM, M, S, KZN, WC, EC

tenella Kaulf.

Perennial. Herb, geophyte, lithophyte. Ht 150–250 mm. Alt 245–1350 m. LIM, M, KZN, WC, EC

SELAGINELLACEAE

Compiled by J.P. Roux

SELAGINELLA P.Beauv.

0113200

- (1) Schelpe. 1970. *FZ Pteridophyta*: 22–29.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 142–150.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 15–21.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 21–29.
- (5) Retief & Herman. 1997. *Strelitzia* 6: 29.
- (6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 49.
- (7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 24–28.

caffrorum (Milde) Hieron.

Perennial. Herb, geophyte, lithophyte. Ht 5–10 mm. Alt 0–2000 m. LIM, G, M, FS, KZN, L, WC, EC

dregei (C.Presl) Hieron.

S. grisea Alston (1)

Perennial. Herb, geophyte, lithophyte. Ht 5–10 mm. Alt 200–1900 m. B, LIM, G, M, S, FS, KZN, L, EC

grisea Alston = **S. dregei**

imbricata (Forssk.) Spring ex Decne.

Perennial. Herb, geophyte, lithophyte. Ht 10–250 mm. Alt 450–2100 m. N, S, FS, KZN, L

kraussiana (Kunze) A.Braun

Perennial. Herb, geophyte, lithophyte. Ht 20–60 mm. Alt 30–1300 m. LIM, NW, M, S, KZN, WC, EC

mittenii Baker

Perennial. Herb, geophyte, lithophyte. Ht 5–10 mm. Alt 100–2050 m. LIM, G, M, S, FS, KZN, L, EC

nivea Alston

Perennial. Herb, geophyte. Ht 5–10 mm. Alt 200–400 m. B

njam-njamensis Hieron.

Perennial. Herb, geophyte. Ht 5–10 mm. Alt 400–600 m. B

pygmaea (Kaulf.) Alston

Annual. Herb, geophyte. Ht 20–80 mm. Alt 50–700 m. WC, EC

TECTARIACEAE

Compiled by J.P. Roux

CTENITIS (C.Chr.) C.Chr. 0192300
lanuginosa (Willd. ex Kaulf.) Copel. = **Megalastrum lanuginosum**

MEGALASTRUM Holttum 0192400
 (1) Holttum. 1987. *Gardens' Bulletin of the Straits Settlements* 39: 153–167.
 (2) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 135.

lanuginosum (Willd. ex Kaulf.) Holttum
Ctenitis lanuginosa (Willd. ex Kaulf.) Copel. (1)
 Perennial. Herb, geophyte. Ht 0.76–2.5 m. Alt 100–1675 m. LIM, G, M, S, KZN, WC, EC

TECTARIA Cav. 0191700

- (1) Schelpe. 1970. *FZ Pteridophyta*: 234, 235.
 (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 456, 457.
 (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 265.
 (4) Burrows. 1990. *Southern African ferns and fern allies*: 324, 325.
 (5) Retief & Herman. 1997. *Strelitzia* 6: 13.
 (6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 132, 133.

gemmifera (Fée) Alston
 Perennial. Herb, geophyte. Ht 0.9–1.21 m. Alt 250–1200 m. LIM, M, S, KZN

THELYPTERIDACEAE

Compiled by J.P. Roux

AMAUROPELTA Kunze 0182800
 (1) Holttum. 1974. *Journal of South African Botany* 40: 130–136.
 (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 382–386.
 (3) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 49.
 (4) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 115, 116.

bergiana (Schltdl.) Holttum
Thelypteris bergiana (Schltdl.) Ching (1)
 Perennial. Herb, geophyte, lithophyte. Ht 0.3–1 m. Alt 137–1500 m. LIM, M, S, KZN, WC, EC

knysnaensis (N.C. Anthony & Schelpe) Parris
Thelypteris knysnaensis N.C. Anthony & Schelpe (3)
 Perennial. Herb, geophyte, lithophyte. Ht 300–500 mm. Alt 200–600 m. WC

oppositiformis (C.Chr.) Holttum
Thelypteris oppositifolius (C.Chr.) Ching (1)
 Perennial. Herb, geophyte. Ht 200–500 mm. Alt 1400–1600 m. M

AMPELOPTERIS Kunze 0181000
 (1) Holttum. 1974. *Journal of South African Botany* 40: 153.
 (2) Schelpe. 1970. *FZ Pteridophyta*: 200–202.
 (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 220, 221.
 (4) Burrows. 1990. *Southern African ferns and fern allies*: 270–272.
 (5) Retief & Herman. 1997. *Strelitzia* 6: 30.
 (6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 113, 114.

prolifera (Retz.) Copel.
Thelypteris prolifera (Retz.) P.J. Vorster (3)
 Perennial. Herb, hydrophyte. Ht 0.6–2 m. Alt 185–1200 m. LIM, M, S, KZN

CHRISTELLA H.Lév. 0187600
 (1) Holttum. 1974. *Journal of South African Botany* 40: 139–148.
 (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 386–393.
 (3) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 49.
 (4) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 118–121.

altissima Holttum
Thelypteris altissima (Holttum) P.J. Vorster (4)
 Perennial. Herb, geophyte. Ht 1.5–2 m. Alt 10–800 m. LIM, KZN

buchananii (Schelpe) J.P. Roux
Thelypteris dentata (Forssk.) E.P. St. John var. *buchananii* Schelpe (4)
 Perennial. Herb, geophyte. Ht 0.5–1.6 m. Alt 1000–1200 m. KZN

chaseana (Schelpe) Holttum
Thelypteris chaseana Schelpe (1)
 Perennial. Herb, geophyte. Ht 250–760 mm. Alt 1000–1650 m. LIM, M

dentata (Forssk.) Holttum
Thelypteris dentata (Forssk.) E.P. St. John (1)
 Perennial. Herb, geophyte. Ht 0.3–1.6 m. Alt 15–1500 m. LIM, G, M, S, KZN, EC

gueinziana (Mett.) Holttum
Thelypteris gueinziana (Mett.) Schelpe (1)
 Perennial. Herb, geophyte, lithophyte. Ht 500–950 mm. Alt 50–1500 m. LIM, NW, M, S, KZN, WC, EC

hispidula (Decne.) Holttum
Thelypteris hispidula (Decne.) Reed (1)
 Perennial. Herb, geophyte. Ht 350–700 mm. Alt 1000–1200 m. S, KZN

CYCLOSORUS Link 0182500
 (1) Holttum. 1974. *Journal of South African Botany* 40: 151–153.
 (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 396–398.
 (3) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 49.
 (4) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 114, 115.

interruptus (Willd.) H. Itô
Thelypteris interrupta (Willd.) K. Iwats. (1)
Thelypteris totta (Thunb.) Schelpe (1)
 Perennial. Herb, hydrophyte. Ht 0.4–1.6 m. Alt 10–1300 m. N, B, LIM, M, S, KZN, WC, EC

***MACROTHELYPTERIS** 0182200
(H.Itô) Ching

- (1) Holttum. 1974. *Journal of South African Botany* 40: 126, 127.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 381, 382.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 219, 220.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 272, 273.
- (5) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 114.

torresiana (Gaudich.) Ching

Perennial. Herb, geophyte. Ht 1.5–1.6 m. Alt 30–400 m.
KZN

PNEUMATOPTERIS Nakai 0187300

- (1) Holttum. 1974. *Journal of South African Botany* 40: 154–161.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 399, 400.
- (3) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 118.

unita (Kunze) Holttum

Thelypteris madagascariensis (Fée) Schelpe (1)
Perennial. Herb, geophyte, lithophyte. Ht 0.8–1.8 m.
Alt 200–1800 m. LIM, M, S, KZN, EC

PSEUDOCYCLOSORUS Ching 0182600

- (1) Holttum. 1974. *Journal of South African Botany* 40: 137–139.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 384–386.
- (3) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 115.

pulcher (Bory ex Willd.) Holttum

Thelypteris pulchra (Bory ex Willd.) Schelpe (3)
Perennial. Herb, geophyte. Ht 200–600 mm. Alt 900–1000 m. M

STEGNOGRAMMA Blume 0186700

- (1) Holttum. 1974. *Journal of South African Botany* 40: 148–150.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 393–395.
- (3) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 49.
- (4) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 117.

pozo (Lag.) K.Iwats.

Thelypteris pozo (Lag.) Morton (4)
Perennial. Herb, geophyte, lithophyte. Ht 200–400 mm.
Alt 50–1200 m. LIM, M, S, KZN, WC, EC

THELYPTERIS Schmidel 0183100

- (1) Launert. 1969. *FSWA* 10: 1.
- (2) Holttum. 1974. *Journal of South African Botany* 40: 150, 151.
- (3) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 395, 396.
- (4) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 207–219.
- (5) Burrows. 1990. *Southern African ferns and fern allies*: 258–272.
- (6) Retief & Herman. 1997. *Strelitzia* 6: 30.
- (7) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 50.
- (8) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 116, 117.

altissima (Holttum) P.J.Vorster = **Christella altissima**

bergiana (Schltdl.) Ching = **Amauropelta bergiana**

chaseana Schelpe = **Christella chaseana**

confluens (Thunb.) Morton

Perennial. Herb, geophyte, hydrophyte. Ht 300–450 mm.
Alt 5–1829 m. N, B, LIM, NW, G, M, S, KZN,
WC, EC

dentata (Forssk.) E.P.St.John = **Christella dentata**

dentata (Forssk.) E.P.St.John var. **buchananii** Schelpe =
Christella buchananii

gueinziana (Mett.) Schelpe = **Christella gueinziana**

hispidula (Decne.) Reed = **Christella hispidula**

interrupta (Willd.) K.Iwats. = **Cyclosorus interruptus**

knysnaensis N.C.Anthony & Schelpe = **Amauropelta knysnaensis**

madagascariensis (Fée) Schelpe = **Pneumatopteris unita**
oppositiformis (C.Chr.) Ching = **Amauropelta oppositi-**
formis

pozo (Lag.) F.Morton = **Stegnogramma pozo**

prolifera (Retz.) P.J.Vorster = **Ampelopteris prolifera**

pulchra (Bory ex Willd.) Schelpe = **Pseudocyclosorus pulcher**

totta (Thunb.) Schelpe = **Cyclosorus interruptus**

VITTARIACEAE

Compiled by J.P. Roux

VITTARIA Sm. 0144300

- (1) Schelpe. 1970. *FZ Pteridophyta*: 94–96.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 213–216.
- (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 89, 90.
- (4) Burrows. 1990. *Southern African ferns and fern allies*: 108–112.
- (5) Retief & Herman. 1997. *Strelitzia* 6: 31.

(6) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 50.

(7) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 82–84.

isoetifolia Bory

Perennial. Herb, epiphyte. Ht 50–900 mm. Alt 200–1200 m. LIM, M, S, KZN, WC, EC

WOODSIACEAE

Compiled by J.P. Roux

ATHYRIUM Roth 0194100

- (1) Schelpe. 1970. *FZ Pteridophyta*: 202–204.
- (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*:

403–406.

(3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 221–225.

(4) Burrows. 1990. *Southern African ferns and fern allies*: 273, 274.

(5) Retief & Herman. 1997. *Strelitzia* 6: 16.

- (6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 136, 137.

scandicinum (Willd.) C.Presl

Perennial. Herb, geophyte. Ht 300–600 mm. Alt 400–1500 m. LIM, M, S, FS, KZN

schimperii Moug. ex Fée

Perennial. Herb, geophyte. Ht 250–700 mm. Alt 500–1600 m. M, KZN, EC

CYSTOPTERIS Bernh. 0195100

- (1) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 402, 403.
 (2) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 229, 230.
 (3) Burrows. 1990. *Southern African ferns and fern allies*: 279, 280.
 (4) Roux. 2000. In Goldblatt & Manning, *Strelitzia* 9: 16.
 (5) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 139.

fragilis (L.) Bernh.

Perennial. Herb, geophyte. Ht 100–180 mm. Alt 1000–2500 m. LIM, M, FS, KZN, L, WC, EC

***DEPARIA** Hook. & Grev. 0194700

- (1) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 138, 139.

japonica (Thunb.) M.Kato

Lunathyrium japonicum (Thunb.) Sa.Kurata (1)

Perennial. Herb, geophyte, lithophyte. Ht 250–400 mm. Alt 50–1100 m. M, S, KZN

DIPLAZIUM Sw. 0194300

- (1) Schelpe. 1970. *FZ Pteridophyta*: 204, 205.
 (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 408–410.
 (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 227.
 (4) Burrows. 1990. *Southern African ferns and fern allies*: 276–278.
 (5) Retief & Herman. 1997. *Strelitzia* 6: 16.
 (6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 137, 138.

***esculentum** (Retz.) Sw.

Perennial. Herb, geophyte. Ht 1–2 m. Alt 300–500 m. KZN

zanzibaricum (Baker) C.Chr.

Perennial. Herb, geophyte. Ht 1–2 m. Alt 1000–1200 m. LIM, M

HYPODEMATIUM Kunze 0195400

- (1) Schelpe. 1970. *FZ Pteridophyta*: 230.
 (2) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 451, 452.
 (3) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 263.
 (4) Burrows. 1990. *Southern African ferns and fern allies*: 320–322.
 (5) Retief & Herman. 1997. *Strelitzia* 6: 12.
 (6) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 139, 140.

crenatum (Forssk.) Kuhn var. **crenatum**

Perennial. Herb, lithophyte. Ht 70–200 mm. Alt 1000–1200 m. M

LUNATHYRIUM Koidz. 0194900

japonicum (Thunb.) Sa.Kurata = **Deparia japonica**

WOODSIA R.Br. 0195500

- (1) Jacobsen. 1983. *The ferns and fern allies of southern Africa*: 430–432.
 (2) Schelpe & Anthony. 1986. *FSA Pteridophyta*: 240, 241.
 (3) Burrows. 1990. *Southern African ferns and fern allies*: 297, 298.
 (4) Retief & Herman. 1997. *Strelitzia* 6: 13.
 (5) Roux. 2001. *Southern African Botanical Diversity Network Report* No. 13: 140.

angolensis Schelpe

Perennial. Herb, geophyte. Ht 200–360 mm. Alt 1400–1600 m. LIM, M, KZN

montevidensis (Spreng.) Hieron.

W. montevidensis (Spreng.) Hieron. var. *burgessiana* (Gerrard ex Hook. & Baker) Schelpe (5)

Perennial. Herb, geophyte, lithophyte. Ht 150–300 mm. Alt 1500–2000 m. FS, KZN, L, EC

montevidensis (Spreng.) Hieron. var. *burgessiana* (Gerrard ex Hook. & Baker) Schelpe = **W. montevidensis**

A grayscale micrograph showing a cross-section of plant tissue. The image displays several large, roughly circular cells with thick, dark cell walls. The cells are arranged in a somewhat regular pattern, and the interior of each cell appears lighter and more granular. The overall texture is that of a biological specimen under a microscope.

GYMNOSPERMS

CUPRESSACEAE

Compiled by H.F. Glen

*CRYPTOMERIA D. Don 0034000

- (1) Franco. 1993. *Flora europaea* 1, edn 2: 45.

japonica (L.f.) D. Don

Perennial. Tree. Ht 6–40 m. Alt 900–1600 m. FS, KZN

*CUPRESSUS L. 0043000

- (1) Miller. 1768. *The gardener's dictionary* edn 8: 3.
 (2) Greene. 1882. *Bulletin of the Torrey Botanical Club* 9: 64, 65.
 (3) Dallimore & Jackson. 1966. *A handbook of Coniferae and Ginkgoaceae*: 194–218.
 (4) Little. 1966. *Madroño* 18: 161–167.
 (5) Silba. 1981. *Phytologia* 49: 390–399.
 (6) Silba. 1983. *Phytologia* 52: 349–361.
 (7) Mitchell. 1984. *European garden flora* 1: 81–83.
 (8) Eckenwalder. 1993. *Flora of North America* 2: 405–408.

arizonica Greene var. **arizonica**

Perennial. Tree. Ht 3–12 m. Alt 1500–1900 m. FS, EC

*JUNIPERUS L. 0045000

- (1) Linnaeus. 1753. *Species plantarum* edn 1, 2: 1039.
 (2) Dallimore & Jackson. 1966. *A handbook of Coniferae and Ginkgoaceae*: 234–285.
 (3) Mitchell. 1984. *European garden flora* 1: 84–87.
 (4) Farjon. 1992. *Edinburgh Journal of Botany* 49: 251–283.

virginiana L.

Perennial. Tree. Ht 2–18 m. Alt 1200–1750 m. LIM, G, FS, EC

*TAXODIUM L. 0035000

- (1) Richard. 1810. *Annales du Muséum National d'Histoire Naturelle* 16: 298.
 (2) Watson. 1985. *Taxon* 34: 506–509.

distichum (L.) A. Rich. var. **distichum**

Perennial. Tree. Ht 1.5–30 m. Alt 900–1100 m. KZN

WIDDRINGTONIA Endl. 0038010

- (1) Marsh. 1966. *FSA* 1: 43–48.
 (2) Powrie. 1972. *Journal of South African Botany* 38: 301–303.

cedarbergensis J.A. Marsh

W. juniperoides in sense of T. Durand & Schinz, not of Endl., misapplied name (1)

Perennial. Tree. Ht 4.5–12.2 m. Alt 900–1400 m. WC

cupressoides (L.) Endl. = **W. nodiflora**

dracomontana Stapf = **W. nodiflora**

juniperoides in sense of T. Durand & Schinz, not of Endl., misapplied name = **W. cedarbergensis**

nodiflora (L.) Powrie

W. cupressoides (L.) Endl. (2)

W. dracomontana Stapf (1)

W. whytei Rendle (1)

Perennial. Tree, shrub. Ht 0.2–15.2 m. Alt 60–2150 m. LIM, M, FS, KZN, WC, EC

schwarzii (Marloth) Mast.

Perennial. Tree. Ht 7.0–12.5 m. Alt 300–1450 m. EC

whytei Rendle = **W. nodiflora**

*PINACEAE

Compiled by H.F. Glen

*PINUS L. 0022000

- (1) Jessop. 1966. *FSA* 1: 42, 43.
 (2) Farjon. 1984. *Pines*: 1–219.
 (3) Perry. 1991. *The pines of Mexico and Central America*: 1–231.
 (4) Farjon & Styles. 1997. *Flora Neotropica Monograph* 75: 1–291.

canariensis Sweet ex C.K. Spreng.

Perennial. Tree. Ht 24–30 m. Alt 0–1500 m. KZN, WC, EC

elliottii Engelm. var. **elliottii**

Perennial. Tree. Ht 4–30 m. Alt 1500–2000 m. FS

halepensis Mill. var. **halepensis**

Perennial. Tree. Ht 5–25 m. Alt 100–1700 m. FS, L, NC, WC, EC

patula Schldtl. & Cham. var. **patula**

Perennial. Tree. Ht 3–35 m. Alt 650–1600 m. M, S, FS, KZN

pinaster Aiton

Perennial. Tree. Ht 8–35 m. Alt 150–1250 m. WC, EC

pinea L.

Perennial. Tree. Ht 12–25 m. Alt 50–1600 m. WC, EC

radiata D. Don

Perennial. Tree. Ht 12–40 m. Alt 50–1700 m. FS, L, NC, WC, EC

roxburghii Sarg.

Perennial. Tree. Ht 4–55 m. Alt 1400–1600 m. G, FS

PODOCARPACEAE

Compiled by H.F. Glen

PODOCARPUS L'Hér. ex Pers. 0013000

- (1) Leistner. 1966. *FSA* 1: 34–41.
 (2) Nelson. 1984. *European garden flora* 1: 75, 76.
 (3) Leistner. 1988. *The Flowering Plants of Africa* 50: t. 1965, 1966.
 (4) Leistner. 1991. *The Flowering Plants of Africa* 51: t. 2021.

elongatus (Aiton) L'Hér. ex Pers.
 Perennial. Tree, shrub. Ht 0.5–12.2 m. Alt 75–975 m.
 WC

falcatus (Thunb.) R.Br. ex Mirb.
P. gracilior in sense of Burtt Davy, not of Pilg., misapplied name (1)

Perennial. Tree. Ht 0.1–52.7 m. Alt 0–1900 m. LIM, M, S, KZN, WC, EC

gracilior in sense of Burtt Davy, not of Pilg., misapplied name = **P. falcatus**

henkelii Stapf ex Dallim. & Jacks.
 Perennial. Tree. Ht 3.6–24.4 m. Alt 100–1600 m. KZN, EC

latifolius (Thunb.) R.Br. ex Mirb.
 Perennial. Tree. Ht 1–40 m. Alt 10–2200 m. LIM, M, S, FS, KZN, WC, EC

STANGERIACEAE

Compiled by H.F. Glen

STANGERIA T.Moore 0002000

- (1) Dyer. 1966. *FSA* 1: 1–3.

eriopus (Kunze) Baill.

S. paradoxa T.Moore (1)
 Perennial. Herb, geophyte. Ht 0.4–2.4 m. Alt 15–1300 m. KZN, EC

paradoxa T.Moore = **S. eriopus**

WELWITSCHIAEAE

Compiled by H.F. Glen

WELWITSCHIA Hook.f. 0048000

- (1) Verdoorn. 1966. *FSA* 1: 48–51.
 (2) Dyer & Verdoorn. 1972. *Taxon* 21: 485–489.
 (3) Nomenclature Committee. 1975. *Taxon* 24: 176.

bainesii (Hook.f.) Carrière = **W. mirabilis**

mirabilis Hook.f.
W. bainesii (Hook.f.) Carrière (3)
 Perennial. Shrub. Ht 0.6–2 m. Alt 30–150 m. N

ZAMIACEAE

Compiled by H.F. Glen & P.J.H. Hurter

ENCEPHALARTOS Lehm. 0005000

- (1) Prain. 1916. *Kew Bulletin* 1916: 181, 182.
 (2) Gilliland. 1939. *Proceedings and Transactions of the Rhodesia Scientific Association* 37: 133, 134.
 (3) Verdoorn. 1947. *The Flowering Plants of Africa* 26: tt. 1001, 1002.
 (4) Verdoorn. 1949. *The Flowering Plants of Africa* 27: tt. 1053, 1054, 1078, 1079.
 (5) Dyer. 1951. *The Flowering Plants of Africa* 28: t. 1100.
 (6) Dyer. 1956. *Journal of South African Botany* 22: 1–4.
 (7) Dyer & Verdoorn. 1966. *FSA* 1: 3–34.
 (8) Dyer & Verdoorn. 1969. *Kirkia* 7: 147–156.
 (9) Dyer. 1971. *Bothalia* 10: 369–371; 379–383.
 (10) Dyer. 1972. *Bothalia* 10: 539–546.
 (11) Lavranos & Goode. 1988. *Bulletin du Jardin Botanique National de Belgique* 58: 219–224.
 (12) Robbertse et al. 1988. *South African Journal of Botany* 54: 363–366.

(13) Lavranos & Goode. 1989. *Durban Museum Novitates* 14: 153–156.
 (14) Robbertse et al. 1989. *South African Journal of Botany* 55: 122–126.

- (15) Vorster. 1990. *South African Journal of Botany* 56: 239–243.
 (16) Hurter. 1995. *Phytologia* 78: 409–416.
 (17) Hilton-Taylor. 1996. *Bothalia* 26: 177–182.
 (18) Hilton-Taylor. 1996. *Strelitzia* 4: 47, 48.
 (19) Hurter & Glen. 1996. *South African Journal of Botany* 62: 226–229.
 (20) Vorster. 1996. *South African Journal of Botany* 62: 57–64.
 (21) Vorster. 1996. *South African Journal of Botany* 62: 67–79.
 (22) Hurter & Glen. 2001. *Bothalia* 31: 197–199.
 (23) Glen & Hurter. In press. *Taxon*.
 (24) Hurter & Glen. In press. *Taxon*.

aemulans Vorster
 Perennial. Tree, shrub. Ht 1.5–4 m. Alt 600–1100 m.
 KZN

- altensteinii** Lehm.
Perennial. Tree. Ht 0.6–7.6 m. Alt 150–750 m. EC
- aplanatus** Vorster
Perennial. Geophyte. Ht up to 1.5 m. Alt 250–700 m. S
- arenarius** R.A.Dyer
Perennial. Shrub. Ht 0.6–1 m. Alt 75–200 m. EC
- brevifoliolatus** Vorster
Perennial. Tree. Ht up to 2.5 m. Alt 1300–1500 m. LIM
- caffer** (Thunb.) Lehm.
Perennial. Shrub, geophyte. Ht up to 0.3 m. Alt 200–600 m. KZN, EC
- cerinus** Lavranos & D.L.Goode
Perennial. Dwarf shrub, geophyte. Ht 0.3–1.5 m. Alt 600–1250 m. KZN
- cupidus** R.A.Dyer
Perennial. Dwarf shrub, geophyte. Ht 0.15–1 m. Alt 900–1200 m. LIM, M
- cycadifolius** (Jacq.) Lehm.
Perennial. Shrub. Ht 0.25–0.9 m. Alt 950–1600 m. EC
- dolomiticus** Lavranos & D.L.Goode
E. verrucosus Vorster, Robbertse & S.van der Westh. (23)
Perennial. Tree, shrub. Ht 2–2.5 m. Alt 1200–1850 m. LIM
- dyerianus** Lavranos & D.L.Goode
E. graniticolus Vorster, Robbertse & S.van der Westh. (23)
Perennial. Tree. Ht 3–5 m. Alt 650–750 m. LIM
- eugene-maraisii** I.Verd.
Perennial. Tree, shrub. Ht 0.6–2.4 m. Alt 1500–1800 m. LIM
- eugene-maraisii* I.Verd. subsp. *middelburgensis* Lavranos & D.L.Goode = **E. middelburgensis**
- ferox** G.Bertol.
Perennial. Shrub. Ht 0.3–1.7 m. Alt 0–60 m. KZN
- friderici-guilielmi** Lehm.
Perennial. Tree, shrub. Ht 1.5–3.7 m. Alt 750–1550 m. KZN, EC
- ghellinckii** Lem.
Perennial. Tree, shrub. Ht 0.5–2.1 m. Alt 600–2000 m. FS, KZN, EC
- graniticolus* Vorster, Robbertse & S.van der Westh. = **E. dyerianus**
- heenanii** R.A.Dyer
Perennial. Tree, shrub. Ht up to 2 m. Alt 1100–1500 m. M, S
- hirsutus** P.J.H.Hurter
Perennial. Tree. Ht 1–4.2 m. Alt 800–1000 m. LIM
- horridus** (Jacq.) Lehm.
Perennial. Shrub, dwarf shrub. Ht 0.1–1 m. Alt 150–300 m. EC
- humilis** I.Verd.
Perennial. Shrub, dwarf shrub. Ht 0.07–0.45 m. Alt 1200–1700 m. M
- inopinus** R.A.Dyer
Perennial. Tree, shrub. Ht 1–3 m. Alt 600–1250 m. LIM
- laevifolius** Stapf & Burtt Davy
Perennial. Tree, shrub. Ht 1.2–3 m. Alt 900–1200 m. LIM, M, S, KZN, EC
- lanatus** Stapf & Burtt Davy
Perennial. Tree, shrub. Ht 0.6–3 m. Alt 1050–1500 m. M, G
- latifrons** Lehm.
Perennial. Tree, shrub. Ht 0.9–3.4 m. Alt 300–600 m. EC
- lebomboensis** I.Verd.
Perennial. Tree, shrub. Ht 0.2–3.7 m. Alt 100–1200 m. M, S
- lehmannii** Lehm.
Perennial. Tree, shrub. Ht 0.6–1.8 m. Alt 700–950 m. WC, EC
- longifolius** (Jacq.) Lehm.
Perennial. Tree, shrub. Ht 1.1–4.6 m. Alt 300–600 m. EC
- middelburgensis** Vorster, Robbertse & S.van der Westh.
E. eugene-maraisii subsp. *middelburgensis* Lavranos & Goode (23)
Perennial. Tree, shrub. Ht 1.8–4.3 m. Alt 1200–1500 m. G, M
- msinganus** Vorster
Perennial. Tree. Ht up to 3 m. Alt 900–1200 m. KZN
- natalensis** R.A.Dyer & I.Verd.
Perennial. Tree, shrub. Ht 0.4–7.3 m. Alt 50–1200 m. M, KZN, EC
- ngoyanus** I.Verd.
Perennial. Shrub, dwarf shrub, geophyte. Ht up to 0.3 m. Alt 200–900 m. S, KZN
- nubimontanus** P.J.H.Hurter
E. venetus Vorster (21, 22)
Perennial. Tree, shrub. Ht 0.7–2.5 m. Alt 900–1100 m. LIM
- paucidentatus** Stapf & Burtt Davy
Perennial. Tree, shrub. Ht 0.8–3.7 m. Alt 750–1400 m. LIM, M, S
- princeps** R.A.Dyer
Perennial. Tree, shrub. Ht 1.2–3.4 m. Alt 600–750 m. EC
- relictus** P.J.H.Hurter
Perennial. Tree. Ht up to 2.5 m. Alt ± 1000 m. S
- senticosus** Vorster
Perennial. Tree. Ht up to 4 m. Alt 400–800 m. M, S, KZN
- striatus** Stapf & Burtt Davy
E. umbeluziensis R.A.Dyer (24)
Perennial. Shrub, dwarf shrub, geophyte. Ht up to 0.3 m. Alt 150–200 m. S
- transvenosus** Stapf & Burtt Davy
Perennial. Tree, shrub. Ht 0.5–4 m. Alt 750–1850 m. LIM
- trispinosus** (Hook.) R.A.Dyer
Perennial. Shrub, dwarf shrub. Ht 0.5–0.9 m. Alt 150–650 m. EC
- umbeluziensis* R.A.Dyer = **E. striatus**
- venetus* Vorster = **E. nubimontanus**
- verrucosus* Vorster, Robbertse & S.van der Westh. = **E. dolomiticus**
- villosus** Lem.
Perennial. Shrub, dwarf shrub, geophyte. Ht 0.3–2 m. Alt 50–600 m. S, KZN, EC
- woodii** Sander
Perennial. Tree. Ht 2–6 m. Alt 200–450 m. KZN



DICOTYLEDONS

ACANTHACEAE

Compiled by W.G. Welman

- ACANTHODIUM* Delile 7980010
angustum Nees = **Blepharis angusta**
capense (L.f.) Nees var. *inermis* Nees = **Blepharis inermis**
capense (L.f.) Nees var. *villosum* Nees = **Blepharis capensis**
diversispinum Nees = **Blepharis diversispina**
grossum Nees = **Blepharis grossa**
hirtinervium Nees = **Blepharis hirtinervia**
hoffmannseggianum Nees = **Acanthopsis hoffmannseggiana**
macrum Nees = **Blepharis macra**
marginatum Nees = **Blepharis marginata**
serrulatum Nees = **Blepharis serrulata**
sinuatum Nees = **Blepharis sinuata**
squarrosus Nees = **Blepharis squarrosa**
- ACANTHOPSIS** Harv. 7982000
 (1) Clarke. 1901. *FC* 5,1: 33–35.
 (2) Obermeyer. 1937. *Annals of the Transvaal Museum* 19: 138.
 (3) Meyer. 1968. *FSWA* 130: 5, 6.
carduifolia (L.f.) Schinz
Acanthus carduifolius L.f. (1)
 Perennial. Herb. Ht 0.1–0.15 m. Alt 555–765 m. NC
carduifolia (L.f.) Schinz var. *longearistata* Schinz = **A. disperma**
disperma Nees
A. carduifolia (L.f.) Schinz var. *longearistata* Schinz (3)
Blepharis acaulis Lindau (3)
 Annual or perennial. Herb. Ht 0.03–0.1 m. Alt 245–1370 m.
 N, NC, WC
glauca (E.Mey.) Schinz
Acanthus glaucus E.Mey. (1)
 Perennial. Herb. Ht 0.1–0.15 m. Alt 670–1335 m. NC
hoffmannseggiana (Nees) C.B. Clarke
Acanthodium hoffmannseggianum Nees (1)
 Annual or perennial. Herb. Ht 0.05–0.2 m. Alt? N, NC
horrida Nees
 Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 460–500 m. NC
scullyi (S.Moore) Oberm.
Blepharis scullyi S.Moore (2)
 Annual, occ. perennial. Herb. Ht 0.05–0.15 m. Alt 275–530 m. NC
spathularis (E.Mey.) Schinz
Acanthus spathularis E.Mey. (1)
 Perennial. Dwarf shrub. Ht 0.15–0.45 m. Alt? NC
trispina C.B. Clarke
 Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt? NC
- *ACANTHUS** L. 7981000
 (1) Meeuse. 1958. *The Flowering Plants of Africa* 32: t. 1268.
capensis L.f. = **Blepharis capensis**
carduifolius L.f. = **Acanthopsis carduifolia**
furcatus L.f. = **Blepharis furcata**
glaucus E.Mey. = **Acanthopsis glauca**
integrifolius L.f. = **Blepharis integrifolia** var. **integrifolia**
maderaspatensis L. = **Blepharis maderaspatensis**
procumbens L.f. = **Blepharis procumbens**
pubescens (Thomson ex Oliv.) Engl.
 Perennial. Shrub. Ht 1–3 m. Alt ?–2500 m. LIM
spathularis E.Mey. = **Acanthopsis spathularis**
- ADHATODA** Mill. 8094020
 (1) Manning & Getliffe Norris. 1995. *FSA* 30,3,1: 62–64.
anagaloides Nees = **Justicia anagaloides**
andromeda (Lindau) C.B. Clarke
Duvernoia andromeda Lindau (1)
 Perennial. Herb. Ht 0.2–0.3 m. Alt 550–1950 m. FS, KZN, EC
anselliana Nees = **Justicia anselliana**
densiflora (Hochst.) J.C. Manning
A. natalensis Nees (1)
Gendarussa densiflora Hochst. (1)
Justicia natalensis (Nees) T. Anderson (1)
 Perennial. Herb. Ht 0.15–0.25 m. Alt 25–1065 m. KZN
divaricata Nees = **Monechma divaricatum**
duvernoia (Nees) C.B. Clarke = **Duvernoia adhatodoides**
flava (Vahl) Nees = **Justicia flava**
formosissima Klotzsch = **Anisotes formosissimus**
matammensis Schweinf. = **Justicia matammensis**
mollissima Nees = **Monechma mollissimum**
natalensis Nees = **A. densiflora**
petiolaris Nees = **Justicia petiolaris** subsp. **petiolaris**
thymifolia Nees = **Justicia thymifolia**
- ANGKALANTHUS** Balf.f. 8044000
transvaalensis A.Meeuse = **Chorisochora transvaalensis**
- ANISOTES** Nees 8096000
 (1) Glen. 1986. *The Flowering Plants of Africa* 49: t. 1926.
 (2) Baden. 1995. *FSA* 30,3,1: 65–68.
formosissimus (Klotzsch) Milne-Redh.
Adhatoda formosissima Klotzsch (2)
Macrorungia formosissima (Klotzsch) C.B. Clarke (2)
 Perennial. Shrub. Ht 1–4 m. Alt 200–1500 m. LIM
rogersii S.Moore (1)
 Perennial. Shrub. Ht 0.35–2 m. Alt 365–765 m. LIM
- ASTERACANTHA** Nees 7927000
longifolia (L.) Nees = **Hygrophila auriculata**
- ASYSTASIA** Blume 8007000
 (1) Clarke. 1901. *FC* 5,1: 41–44.
 (2) Bremekamp. 1933. *Annals of the Transvaal Museum* 15: 256, 257.
 (3) Meyer. 1968. *FSWA* 130: 7, 8.
 (4) Edwards & Getliffe Norris. 1987. *South African Journal of Botany* 53: 231–233.
 (5) Edwards. 1988. *The Flowering Plants of Africa* 50: t. 1976.
 (6) Edwards & Getliffe Norris. 1989. *The Flowering Plants of Africa* 50: t. 1985.
 (7) Edwards. 1991. *South African Journal of Botany* 57: 305–309.
 (8) Edwards & Getliffe Norris. 1993. *The Flowering Plants of Africa* 52: t. 2076.
 (9) Ensermu. 1994. *Proceedings 13th Plenary Meeting AETFAT*: 333–346.

atriplicifolia Bremek.

Perennial. Dwarf shrub. Ht 0.15–0.45 m. Alt 700–760 m. LIM
coromandeliana Nees var. *micrantha* Nees = **A. gangetica**
 subsp. *micrantha*

gangetica (L.) T.Anderson subsp. *micrantha* (Nees) Ensermu (8)
A. coromandeliana Nees var. *micrantha* Nees (9)

Perennial. Herb. Ht 0.2–2 m. Alt 5–950 m. N, B, LIM,
 M, S, KZN, EC

natalensis C.B.Clarke = **Salpinctium natalense**

pinguifolia T.J.Edwards

Perennial. Herb. Ht 0.1–0.3 m. Alt 10–60 m. KZN

retrocarpa T.J.Edwards

Perennial. Herb. Ht 0.15–0.35 m. Alt 500–1000 m.
 LIM, M, S, KZN

schimperi T.Anderson (6)

Annual. Herb. Ht 0.1–0.6 m. Alt 5–1660 m. N, B,
 LIM, NW, G, M, S, KZN

stenosiphon C.B.Clarke = **Salpinctium stenosiphon**

subbiflora C.B.Clarke

Perennial. Herb. Ht 0.1–0.4 m. Alt 305–1380 m. M

varia N.E.Br. (5)

Perennial. Herb. Ht 0.1–0.6 m. Alt 10–795 m. KZN, EC

welwitschii S.Moore

Perennial. Herb. Ht 0.2–0.5 m. Alt? N

AULOJUSTICIA Lindau 8099000

linifolia Lindau = **Siphonoglossa linifolia**

BARLERIA L. 7973000

- (1) Obermeyer. 1933. *Annals of the Transvaal Museum* 16: 123–180.
- (2) Obermeyer. 1934. *The Journal of Botany* Oct. 1934: 275–278.
- (3) Phillips. 1943. *The Flowering Plants of South Africa* 23: t. 893.
- (4) Verdoorn. 1945. *The Flowering Plants of Africa* 25: t. 998.
- (5) Codd. 1952. *The Flowering Plants of Africa* 29: t. 1138.
- (6) Meeuse. 1961. *Bothalia* 7: 443, 444.
- (7) Obermeyer. 1961. *Bothalia* 7: 444–446.
- (8) Obermeyer. 1964. *The Flowering Plants of Africa* 36: t. 1426.
- (9) Meyer. 1968. *FSWA* 130: 8–18.
- (10) Killick. 1971. *The Flowering Plants of Africa* 41: t. 1623.
- (11) Balkwill et al. 1990. *South African Journal of Botany* 56: 571–576.
- (12) Balkwill et al. 1992. *South African Journal of Botany* 58: 286–291.
- (13) Balkwill & Batten. 1999. *Flowering Plants of Africa* 56: t. 2158.

acanthoides of author, not of Vahl = **B. lanceolata**

acanthoides Vahl forma *lanceolata* Schinz = **B. lanceolata**

affinis C.B.Clarke

Perennial. Shrub, dwarf shrub, herb. Ht 0.2–1.2 m. Alt
 240–1310 m. B, LIM, NW, M

alata S.Moore = **B. lancifolia**

albida Lindau = **B. senensis**

albi-pilosa Hainz

Perennial. Herb. Ht 0.3–0.8 m. Alt? N, B

albstellata C.B.Clarke (5)

Perennial. Shrub. Ht 1–2 m. Alt 460–1065 m. LIM

ameliae A.Meeuse

Perennial. Suffrutex. Ht 0.3–0.6 m. Alt 330–1000 m. N

argillicola Oberm.

Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt ?–1065
 m. KZN

auriculata Schumach. = **Hygrophila auriculata**

barbata E.Mey. ex C.B.Clarke = **B. gueinzii**

bechuanensis C.B.Clarke

Perennial. Herb. Ht 0.05–0.2 m. Alt 1280–1465 m. FS, NC

bolusii Oberm.

Perennial. Herb. Ht 0.1–0.2 m. Alt 1050–1065 m. LIM,
 NW, G

bremekampii Oberm. (3)

Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 625–1370
 m. LIM, NW

breyeri Oberm. = **B. lugardii**

cinereicaulis C.B.Clarke = **B. lancifolia**

crossandriformis C.B.Clarke

Perennial. Shrub, herb. Ht 0.4–1.2 m. Alt 75–1220 m.
 LIM, NW, M, S, KZN

cyanea S.Moore

Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt? N

damarensis T.Anderson

B. marlothii Engl. (9)

Perennial. Shrub, dwarf shrub. Ht 0.3–0.55 m. Alt 1235–
 1500 m. N

delagoensis Oberm.

Perennial. Herb. Ht 0.4–1 m. Alt 75–120 m. M, S, KZN

dinteri Oberm.

Perennial. Shrub, dwarf shrub. Ht 0.15–1.35 m. Alt
 120–1200 m. N, B, LIM, G, M, S

dolomiticola M.-J.Balkwill & K.Balkwill

Perennial. Herb. Ht 0.1–0.3 m. Alt 1360–1950 m. LIM

eenii S.Moore = **B. senensis**

elegans S.Moore ex C.B.Clarke

Perennial. Shrub, herb. Ht 0.2–1.8 m. Alt 5–1160 m.
 N, LIM, M, S, KZN

galpinii C.B.Clarke

Perennial. Shrub, herb. Ht 0.25–1 m. Alt 460–1235 m.
 N, B, LIM, M

greenii M.-J.Balkwill & K.Balkwill (13)

Perennial. Shrub, suffrutex. Ht 0.5–1.8 m. Alt 1200–1260 m.
 KZN

gueinzii Sond.

B. barbata E.Mey. ex C.B.Clarke (1)

Perennial. Shrub, herb. Ht 0.3–1.2 m. Alt 45–2225 m.
 LIM, M, S, KZN, EC

halimoides Nees = **Petalidium halimoides**

hereroensis Engl. = **B. lancifolia**

holubii C.B.Clarke

Perennial. Shrub, herb. Ht 0.3–0.6 m. Alt 610–945 m.
 LIM, M

irritans Nees

Perennial. Dwarf shrub, herb. Ht 0.25–0.35 m. Alt 80–1200
 m. NC, WC, EC

irritans Nees var. *rigida* (Nees) C.B.Clarke = **B. rigida**

jasminiflora C.B.Clarke

Perennial. Herb. Ht 0.1–0.2 m. Alt? EC

jubata S.Moore

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt ?–1650 m. N

kaloxytona Lindau

Perennial. Dwarf shrub, herb. Ht 0.35–0.45 m. Alt
 765–1200 m. N

lanceolata (Schinz) Oberm.

B. acanthoides of author, not of Vahl (1)

B. acanthoides Vahl forma *lanceolata* Schinz (1)

- Perennial. Shrub, dwarf shrub. Ht 0.15–0.8 m. Alt 395–1465 m. N
- lancifolia** T.Anderson
B. alata S.Moore (1)
B. cinereicaulis C.B.Clarke (1)
B. hereroensis Engl. (1)
B. latiloba Engl. (1)
B. rautanenii Schinz (1)
 Perennial. Shrub, dwarf shrub, herb. Ht 0.25–1.5 m. Alt 275–1980 m. N, B, LIM, NW, G, M, KZN, NC
- latiloba* Engl. = **B. lancifolia**
- lichtensteiniana** Nees
 Perennial. Herb. Length 0.1–0.4 m. Alt 650–1370 m. N, NC
- lugardii** C.B.Clarke
B. breyeri Oberm. (9)
B. quadriloba Oberm. (2)
 Perennial. Shrub, dwarf shrub, herb. Ht 0.15–0.7 m. Alt 410–915 m. N, B, LIM
- mackenii** Hook.f.
 Perennial. Shrub, herb. Ht 0.2–0.75 m. Alt 610–1850 m. N, B, LIM, M
- macrostegia** Nees
 Perennial. Herb. Length 0.2–0.5 m. Alt 865–1650 m. N, B, LIM, NW, G, M, FS, NC
- marlothii* Engl. = **B. damarensis**
- matopensis** S.Moore
 Perennial. Herb. Ht 0.25–0.4 m. Alt ?–305 m. LIM
- media** C.B.Clarke
 Perennial. Herb. Ht 0.05–0.1 m. Alt? NC
- mecuseana** P.G.Mey.
 Perennial. Shrub, dwarf shrub. Ht 0.5–0.9 m. Alt ?–1850 m. N
- megalosiphon** Mildbr.
 Perennial. Herb. Ht 0.1–0.15 m. Alt ?–915 m. N, B
- merxmuelleri** P.G.Mey.
 Perennial. Dwarf shrub. Ht 0.35–0.5 m. Alt? N
- meyeriana** Nees
 Perennial. Shrub, herb. Ht 0.2–0.9 m. Alt 60–1980 m. LIM, M, S, KZN
- monticola** Oberm.
 Perennial. Herb. Ht 0.2–0.45 m. Alt 1035–2200 m. FS, KZN
- namutonensis* Oberm. = **B. prionitoides**
- natalensis** Lindau
B. woodii C.B.Clarke (1)
 Perennial. Dwarf shrub, herb. Ht 0.45–0.75 m. Alt ?–530 m. KZN
- obtusa** Nees (4)
 Perennial. Shrub, dwarf shrub, herb. Ht 0.25–1 m. Alt 5–1585 m. LIM, NW, G, M, S, KZN, EC
- ovata** E.Mey. ex Nees
 Perennial. Herb. Ht 0.2–0.8 m. Alt 500–1465 m. M, S, KZN, EC
- oxyphylla** Lindau
 Perennial. Herb. Ht 0.1–0.4 m. Alt 200–460 m. M, S
- papillosa** T.Anderson
 Perennial. Shrub, dwarf shrub. Ht 0.3–0.9 m. Alt? N, NC
- petrophila* Lindau = **B. senensis**
- pretoriensis** C.B.Clarke (10)
 Perennial. Dwarf shrub, herb. Ht 0.3–0.75 m. Alt 945–1600 m. B, LIM, NW, G, M
- prionitoides** Engl.
B. namutonensis Oberm. (9)
 Perennial. Shrub, dwarf shrub, herb. Ht 0.3–1 m. Alt ?–1050 m. N
- pungens** L.f.
 Perennial. Dwarf shrub, herb. Ht 0.05–0.45 m. Alt 5–640 m. WC, EC
- quadriloba* Oberm. = **B. lugardii**
- querimbensis* Klotzsch = **B. repens**
- randii** S.Moore
 Perennial. Dwarf shrub, herb. Ht 0.2–0.3 m. Alt 855–1065 m. B, NW
- rautanenii* Schinz = **B. lancifolia**
- rehmannii** C.B.Clarke
 Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 425–1065 m. LIM, G, S
- repens** Nees
B. querimbensis Klotzsch (1)
 Perennial. Shrub, herb, climber. Ht 0.3–1.5 m. Alt 5–30 m. KZN
- rigida** Nees
B. irritans Nees var. *rigida* (Nees) C.B.Clarke (1)
B. rigida Nees var. *ilicina* (E.Mey. ex T.Anderson) Oberm. (9)
B. schenckii Schinz (9)
 Perennial. Shrub, dwarf shrub. Ht 0.1–0.8 m. Alt 420–2000 m. N, B, FS, NC
- rigida* Nees var. *ilicina* (E.Mey. ex T.Anderson) Oberm. = **B. rigida**
- rogersii** S.Moore
 Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt ?–800 m. N, LIM
- rotundifolia** Oberm. (8)
 Perennial. Shrub, dwarf shrub. Ht 0.5–2 m. Alt 610–1100 m. LIM, M
- sacani* Klotzsch ex Lindau = **Neuracanthus africanus** var. **africanus**
- saxatilis** Oberm.
 Perennial. Shrub, dwarf shrub, herb. Ht 0.15–1.5 m. Alt 155–1370 m. LIM, M, S, KZN
- schenckii* Schinz = **B. rigida**
- senensis** Klotzsch
B. albida Lindau (9)
B. eenii S.Moore (9)
B. petrophila Lindau (9)
B. spathulata N.E.Br. (9)
 Perennial. Shrub, dwarf shrub, herb. Ht 0.3–1.5 m. Alt 275–1800 m. N, B, LIM, M
- solitaria** P.G.Mey.
 Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt? N
- spathulata* N.E.Br. = **B. senensis**
- spinulosa** Klotzsch
 Perennial. Shrub, dwarf shrub, herb. Ht 0.6–1 m. Alt 460–945 m. B, LIM
- stimulans** E.Mey. ex Nees
 Perennial. Dwarf shrub, herb. Ht 0.1–0.2 m. Alt 395–1100 m. WC, EC
- transvaalensis** Oberm.
 Perennial. Dwarf shrub, herb. Ht 0.05–0.5 m. Alt 275–795 m. LIM, M
- violacea** Hainz
 Perennial. Dwarf shrub, herb. Ht 0.1–0.2 m. Alt? N

virgula C.B. Clarke

Perennial. Dwarf shrub, herb. Ht 0.1–0.4 m. Alt 915–1465 m.
B, LIM, G, M

wilmsiana Lindau

B. wilmsii Lindau ex C.B. Clarke (1)

Perennial. Dwarf shrub, herb. Ht 0.2–0.6 m. Alt 490–1585 m. M, KZN

wilmsii Lindau ex C.B. Clarke = **B. wilmsiana**

woodii C.B. Clarke = **B. natalensis**

BLEPHARIS Juss.

7980000

(1) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1207.

(2) Vollesen. 2000. *Blepharis (Acanthaceae), a taxonomic revision*: 1–342.

acanthodioides Klotzsch

Perennial. Herb. Ht 0.25–0.75 m. Alt 25–750 m. LIM, M

acaulis Lindau = **Acanthopsis disperma**

acuminata Oberm.

Perennial. Dwarf shrub, herb. Length 0.1–0.4 m. Alt 350–1375 m. LIM, M

aequisepala Vollesen

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt ?–475 m. WC

angusta (Nees) T. Anderson

Acanthodium angustum Nees (2)

Perennial. Herb. Length 0.05–0.25 m. Alt ?–1525 m. NW

aspera Oberm.

B. diversispina of authors, not of (Nees) C.B. Clarke (2)

Perennial. Dwarf shrub, herb. Length 0.15–0.35 m. Alt 30–850 m. LIM, NW

bainesii C.B. Clarke

Annual. Herb. Ht 0.2–0.4 m. Alt? B

boerhaaviifolia Pers. = **B. maderaspatensis**

bossii Oberm. = **B. obmitrata**

breyeri Oberm.

Perennial. Shrub, dwarf shrub. Ht 0.5–2 m. Alt 900–1050 m. LIM

caloneura S. Moore var. *angustifolia* Oberm. = **B. tenuiramea**

capensis (L.f.) Pers.

Acanthodium capense (L.f.) Nees var. *villosum* Nees (2)

Acanthus capensis L.f. (2)

B. capensis (L.f.) Pers. var. *latibracteata* Oberm. (2)

B. capensis (L.f.) Pers. var. *prostrata* Oberm. (2)

Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 30–1400 m. NC, WC, EC

capensis (L.f.) Pers. var. *latibracteata* Oberm. = **B. capensis**

capensis (L.f.) Pers. var. *prostrata* Oberm. = **B. capensis**

clarkei Schinz = **B. integrifolia** var. *clarkei*

dichotoma Engl. = **B. grossa**

dilatata C.B. Clarke

Perennial. Dwarf shrub, herb. Length 0.15–0.35 m. Alt 150–650 m. EC

dilatata C.B. Clarke in part = **B. obtusisepala**

diversispina (Nees) C.B. Clarke

Acanthodium diversispinum Nees (2)

B. grisea S. Moore (2)

Perennial. Shrub, dwarf shrub, herb. Ht 0.2–0.9 m. Alt 460–1220 m. N, B, LIM, NW

diversispina of authors, not of (Nees) C.B. Clarke = **B. aspera**

ecklonii C.B. Clarke = **B. hirtinervia**

espinosa E. Phillips

Perennial. Herb. Length 0.1–0.3 m. Alt 1400–2000 m. NW, G, M, FS, KZN, L, NC

extenuata S. Moore = **B. macra**

fenestralis Vollesen

Perennial. Dwarf shrub, herb. Length 0.15–0.35 m. Alt ?–1000 m. M

ferox P.G. Mey.

Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt ?–700 m. N

fleckii P.G. Mey.

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 885–915 m. N

furcata (L.f.) Pers.

Acanthus furcatus L.f. (2)

B. trispinosa Hainz (2)

Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 200–1020 m. N, NC

gerlindae P.G. Mey. = **B. obmitrata**

gigantea Oberm.

Perennial. Shrub. Ht 1.2–2 m. Alt 900–1100 m. N

grisea S. Moore = **B. diversispina**

grossa (Nees) T. Anderson

Acanthodium grossum Nees (2)

B. dichotoma Engl. (2)

Annual. Herb. Ht 0.15–0.35 m. Alt 350–1150 m. N, NC

hirtinervia (Nees) T. Anderson

Acanthodium hirtinervium Nees (2)

B. ecklonii C.B. Clarke (2)

Perennial. Shrub, dwarf shrub. Ht 0.3–0.6 m. Alt 10–90 m. EC

ilicina Oberm.

Perennial. Dwarf shrub, herb. Length 0.15–0.25 m. Alt 25–450 m. EC

inaequalis C.B. Clarke

Perennial. Dwarf shrub, herb. Ht 0.25–0.6 m. Alt 600–1560 m. LIM, M

inermis (Nees) C.B. Clarke

Acanthodium capense (L.f.) Nees var. *inermis* Nees (2)

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt ?–300 m. WC

innocua C.B. Clarke

B. innocua C.B. Clarke var. *lancifolia* Oberm. (2)

Perennial. Herb. Length 0.15–0.35 m. Alt 1225–1830 m. LIM, NW, G, M

innocua C.B. Clarke var. *lancifolia* Oberm. = **B. innocua**

integrifolia (L.f.) E. Mey. ex Schinz var. *clarkei* (Schinz) Oberm.

B. clarkei Schinz (2)

Perennial. Herb. Ht 0.1–0.4 m. Alt 50–1065 m. B, LIM, G, M, KZN, EC

integrifolia (L.f.) E. Mey. ex Schinz var. **integrifolia**

Acanthus integrifolius L.f. (2)

B. integrifolia (L.f.) E. Mey. ex Schinz var. *setosa* (Nees) Oberm. (2)

B. molluginifolia Pers. (2)

Perennial. Herb. Ht 0.1–0.4 m. Alt 30–1675 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

integrifolia (L.f.) E. Mey. ex Schinz var. *setosa* (Nees) Oberm. = **B. integrifolia** var. **integrifolia**

laevifolia Vollesen

Perennial. Herb. Length 0.1–0.2 m. Alt? M

leendertziae Oberm.

Annual. Herb. Ht 0.1–0.6 m. Alt 320–1525 m. N, B, LIM, NW, G, M

- longispica** C.B. Clarke
Perennial. Herb. Ht 0.15–0.35 m. Alt 900–1225 m. KZN
- macra** (Nees) Vollesen
Acanthodium macrum Nees (2)
B. extenuata S. Moore (2)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 550–1050 m. N, NC
- maderaspatensis** (L.) Roth
Acanthus maderaspatensis L. (2)
B. boerhaaviifolia Pers. (2)
B. maderaspatensis (L.) Roth subsp. *rubifolia* (Schumach.) Napper (2)
B. teaguei Oberm. (2)
Perennial, occ. annual. Herb. Length 0.2–2 m. Alt 80–1340 m. N, B, LIM, NW, G, M, KZN
- maderaspatensis* (L.) Roth subsp. *rubifolia* (Schumach.) Napper = **B. maderaspatensis**
- marginata** (Nees) C.B. Clarke
Acanthodium marginatum Nees (2)
Perennial. Dwarf shrub, herb. Ht 0.05–0.1 m. Alt 1150–1675 m. NC
- meyeri** Vollesen
Perennial. Dwarf shrub, herb. Ht 0.05–0.15 m. Alt ?–800 m. N
- mitrata** C.B. Clarke
B. villosa C.B. Clarke (2)
Perennial. Dwarf shrub, herb. Ht 0.1–0.2 m. Alt 365–2100 m. N, NC, WC, EC
- molluginifolia* Pers. = **B. integrifolia** var. *integrifolia*
naegelsbachii Oberm. = **B. obmitrata**
- natalensis** Oberm.
Perennial. Dwarf shrub, herb. Length 0.3–0.4 m. Alt 625–1670 m. KZN
- obermeyerae** Vollesen
Perennial. Dwarf shrub, herb. Ht 0.2–0.4 m. Alt 300–1150 m. LIM, M
- obmitrata** C.B. Clarke
B. bossii Oberm. (2)
B. gerlindae P.G. Mey. (2)
B. naegelsbachii Oberm. (2)
Perennial. Shrub, dwarf shrub, herb. Ht 0.1–1 m. Alt 10–1860 m. N, B
- obtusisepala** Oberm.
B. dilatata C.B. Clarke in part (2)
Perennial. Dwarf shrub, herb. Length 0.15–0.45 m. Alt 750–1525 m. KZN, EC
- petalidioides** Vollesen
Perennial. Shrub. Ht 1–2 m. Alt ?–1000 m. B
- procumbens** (L.f.) Pers.
Acanthus procumbens L.f. (2)
Perennial. Herb. Length 0.2–1 m. Alt 15–350 m. EC
- pruinosa** Engl.
Perennial. Shrub, dwarf shrub, herb. Ht 0.25–0.75 m. Alt 600–1150 m. N
- saxatilis* Oberm. = **B. subvolubilis**
- scullyi* S. Moore = **Acanthopsis scullyi**
- sericea** Vollesen
Perennial. Herb. Ht 0.1–0.2 m. Alt 5–10 m. KZN
- serrulata** (Nees) Ficalho & Hiern
Acanthodium serrulatum Nees (2)
Perennial. Dwarf shrub, herb. Ht 0.1–0.2 m. Alt 850–1380 m. B, LIM, NW, G
- sinuata** (Nees) C.B. Clarke
Acanthodium sinuatum Nees (2)
Perennial. Dwarf shrub, herb. Length 0.15–0.35 m. Alt 25–600 m. EC
- spinifex** Merxm.
Perennial. Shrub, dwarf shrub. Ht 0.3–0.9 m. Alt ?–1400 m. N
- spinipes** Vollesen
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt ?–900 m. LIM
- squarrosa** (Nees) T. Anderson
Acanthodium squarrosus Nees (2)
Perennial. Dwarf shrub, herb. Ht 0.15–0.3 m. Alt 1200–1600 m. LIM, NW, G, FS
- stainbankiae** C.B. Clarke
Perennial. Herb. Length 0.1–0.45 m. Alt 1400–1850 m. G, M
- subglabra** Vollesen
Perennial. Herb. Length 0.1–0.25 m. Alt ?–1050 m. KZN
- subvolubilis** C.B. Clarke (1)
B. saxatilis Oberm. (2)
B. subvolubilis C.B. Clarke var. *longifolia* Oberm. (2)
Perennial. Shrub, dwarf shrub, herb. Ht 0.1–0.5 m. Alt 50–1800 m. B, LIM, NW, G, M, KZN
- subvolubilis* C.B. Clarke var. *longifolia* Oberm. = **B. subvolubilis**
- swaziensis** Vollesen
Perennial. Herb. Length 0.1–0.4 m. Alt ?–600 m. S, KZN
- teaguei* Oberm. = **B. maderaspatensis**
- tenuiramea** S. Moore
B. caloneura S. Moore var. *angustifolia* Oberm. (2)
Annual. Herb. Length 0.25–0.75 m. Alt 945–975 m. N, B
- transvaalensis** Schinz
Perennial. Herb. Length 0.1–0.35 m. Alt 900–1400 m. B, LIM, G, M?
- trispinosa* Hainz = **B. furcata**
- uniflora** C.B. Clarke
Perennial. Dwarf shrub, herb. Ht 0.2–0.3 m. Alt 1000–1250 m. LIM, G
- villosa* C.B. Clarke = **B. mitrata**
- CALOPHANES** D. Don 7939010
- perrottetii* Nees = **Dyschoriste perrottetii**
- radicans* T. Anderson var. *mutica* S. Moore = **Dyschoriste mutica**
- setosus* Nees = **Ruelliopsis setosa**
- CHAETACANTHUS** Nees 7941000
- (1) Clarke. 1901. *FC* 5,1: 18–20.
(2) Dyer & Milne-Redhead. 1934. *Kew Bulletin* 1934: 264, 265.
- burchellii** Nees
Perennial. Dwarf shrub, herb. Ht 0.1–0.75 m. Alt 30–1705 m. LIM, NW, G, M, S, FS, KZN, EC
- costatus** Nees
Perennial. Dwarf shrub, herb. Ht 0.05–0.3 m. Alt 725–2055 m. LIM, NW, G, M
- glandulosus* Nees = **C. setiger**
- persoonii* C.B. Clarke = **C. setiger**
- setiger** (Pers.) Lindl.
C. glandulosus Nees (2)
C. persoonii C.B. Clarke (2)
Ruellia setigera Pers. (2)
Perennial. Shrub, dwarf shrub, herb. Ht 0.07–0.9 m. Alt 5–2040 m. LIM, NW, G, M, S, FS, KZN, WC, EC

CHORISOCHORA Vollesen 8048010

- (1) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1227.
 (2) Vollesen. 1994. *Kew Bulletin* 49: 469–479.

transvaalensis (A.Meeuse) Vollesen (1)*Angkalanthus transvaalensis* A.Meeuse (2)

Perennial. Suffrutex. Ht 0.5–1.25 m. Alt 915–1160 m. LIM, M

CRABBEA Harv. 7972000

- (1) Buys. 1982. 'n Taksonomiese ondersoek van die Suid-Afrikaanse ver-
 teenwoordigers van *Crabbea* Harv. (Acanthaceae). Unpublished M.Sc.
 thesis, Potchefstroom University for C.H.E.

caulis N.E.Br.

Perennial. Herb. Ht 0.03–0.08 m. Alt 1280–2135 m. NW, G, M, S, FS, KZN, L

angustifolia Nees*C. undulatifolia* Engl. (1)

Perennial. Herb. Ht 0.1–0.45 m. Alt 1000–1800 m. LIM, NW, G, M, FS

cirsioides (Nees) Nees = **C. hirsuta****galpinii** C.B.Clarke

Perennial. Herb. Ht 0.2–0.25 m. Alt 765–860 m. M

hirsuta Harv.*C. cirsioides* (Nees) Nees (1)*C. robusta* N.E.Br. (1)

Perennial. Herb. Ht 0.05–1.25 m. Alt 5–2100 m. LIM, NW, G, M, S, FS, KZN, L, EC

nana Nees*C. pedunculata* N.E.Br. (1)

Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 15–1675 m. M, S, KZN, EC

ovalifolia Ficalho & Hiern

Perennial. Herb. Ht 0.15–0.25 m. Alt 1115–1525 m. LIM, NW, G, M

pedunculata N.E.Br. = **C. nana****reticulata** C.B.Clarke = **C. velutina****robusta** N.E.Br. = **C. hirsuta****undulatifolia** Engl. = **C. angustifolia****velutina** S.Moore*C. reticulata* C.B.Clarke (1)

Perennial. Herb. Ht 0.1–0.2 m. Alt 275–945 m. N, B, LIM, M

CROSSANDRA Salisb. 7985000

- (1) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 77.
 (2) Vos & Edwards. 1992. *South African Journal of Botany* 58: 94–99.

fruticulosa Lindau

Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 5–550 m. M, S, KZN

greenstockii S.Moore (1)*C. pungens* of authors, not of Lindau (2)

Perennial. Dwarf shrub, herb. Ht 0.1–0.6 m. Alt 305–1675 m. LIM, G, M, S, KZN

mucronata Lindau

Perennial. Dwarf shrub, herb. Ht 0.1–0.4 m. Alt 245–460 m. LIM, M

pungens of authors, not of Lindau = **C. greenstockii****zuluensis** W.T.Vos & T.J.Edwards

Perennial. Herb. Ht 0.45–0.9 m. Alt 5–500 m. LIM, M, S, KZN

DIANTHERA L.

8094030

bicalyculata Retz. = **Peristrophe paniculata****debilis** Forssk. = **Monechma debile****paniculata** Forssk. = **Peristrophe paniculata****DICLIPTERA** Juss.

8031000

- (1) Balkwill
- et al.*
- 1986.
- The Flowering Plants of Africa*
- 49: t. 1933.

- (2) Balkwill
- et al.*
- 1987.
- The Flowering Plants of Africa*
- 49: t. 1952.

- (3) Balkwill
- et al.*
- 1996.
- Kew Bulletin*
- 51: 1–61.

capensis Nees (2)*D. propinqua* Nees (3)

Annual, occ. perennial. Herb. Ht 0.2–0.5 m. Alt 30–660 m. EC

clinopodia Nees*Justicia clinopodia* E.Mey. (3)

Perennial. Shrub, herb. Ht 0.2–1.2 m. Alt 25–1830 m. LIM, M, S, KZN, EC

divaricata Compton

Perennial. Herb. Ht 0.25–0.45 m. Alt 100–395 m. M, S, KZN

eenii S.Moore

Perennial. Dwarf shrub, herb. Ht 0.3–0.6 m. Alt 765–1435 m. N, LIM, NW, G

extenta S.Moore*D. zeylanica* in sense of C.B.Clarke (3)

Annual, perennial. Herb. Ht 0.2–0.6 m. Alt 30–1550 m. LIM, M, S, KZN, WC, EC

fionae K.Balkwill

Perennial. Herb. Ht 0.1–0.3 m. Alt 1600–1700 m. LIM

fruticosa K.Balkwill (1)

Perennial. Herb. Ht 0.6–1.5 m. Alt 640–1065 m. LIM, M

hereroensis Schinz = **Peristrophe hereroensis****heterostegia** Nees*D. mossambicensis* Klotzsch (3)*Justicia heterostegia* E.Mey. (3)

Annual, perennial. Herb. Ht 0.3–1 m. Alt 15–660 m. LIM, M, S, KZN, EC

hirta K.Balkwill

Annual. Herb. Ht 0.2–0.6 m. Alt? B

leistneri K.Balkwill

Perennial. Herb. Ht 0.3–1 m. Alt 1370–1465 m. NW, G, FS, NC, EC

magaliesbergensis K.Balkwill

Perennial. Shrub, herb. Ht 0.2–0.5 m. Alt? NW, G

marlothii Engl. = **Megalochlamys marlothii****minor** C.B.Clarke subsp. **minor**

Annual. Herb. Ht 0.1–0.25 m. Alt 765–1250 m. B, LIM, NW

minor C.B.Clarke subsp. **pratis-manna** K.Balkwill

Annual. Herb. Ht 0.1–0.25 m. Alt? LIM, M

mossambicensis Klotzsch = **D. heterostegia****propinqua** Nees = **D. capensis****quintasii** Lindau

Annual, occ. perennial. Herb. Ht 0.3–0.6 m. Alt 50–100 m. KZN

schumanniana Schinz = **Megalochlamys marlothii****spinulosa** Hochst. ex K.Balkwill

Annual. Herb. Ht 0.2–0.6 m. Alt 915–960 m. N, B, LIM, M

swynnertonii S.Moore

Annual. Herb. Ht 0.3–1 m. Alt 30–? m. KZN

transvaalensis C.B.Clarke = **Peristrophe transvaalensis***zeylanica* in sense of C.B.Clarke = **D. extenta****DINTERACANTHUS** C.B.Clarke 7965010
ex Schinz*asper* Schinz = **Ruellia aspera***marlothii* (Engl.) Schinz = **Ruellia diversifolia****DUOSPERMA** Dayton 7940000(1) Meyer. 1968. *FSWA* 130: 28.(2) Brummitt. 1974. *Kew Bulletin* 29: 411–414.**crenatum** (Lindau) P.G.Mey.*Hygrophila crenata* Lindau (1)

Perennial. Shrub, dwarf shrub, herb. Ht 0.3–1 m. Alt 380–1000 m. N, B, LIM, M

quadrangulare (Klotzsch) Brummitt*Nomaphila quadrangularis* Klotzsch (2)

Perennial. Shrub, dwarf shrub, herb. Ht 0.3–1 m. Alt 855–1070 m. N, B

DUVERNOIA E.Mey. ex Nees 8055000(1) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1216.(2) Obermeyer. 1962. *The Flowering Plants of Africa* 35: t. 1375.(3) Manning & Getliffe Norris. 1995. *FSA* 30,3,1: 15–17.**aconitiflora** A.Meeuse (1)

Perennial. Shrub. Ht 1–3 m. Alt 155–275 m. M, S

adhatodoides E.Mey. ex Nees (2)*Adhatoda duvernoia* (Nees) C.B.Clarke (3)

Perennial. Shrub, tree. Ht 2–6 m. Alt 15–1830 m. M, KZN, EC

andromeda Lindau = **Adhatoda andromeda****DYSCHORISTE** Nees 7939000(1) Clarke. 1899. *FTA* 5,1: 71–79.(2) Clarke. 1901. *FC* 5,1: 15–18.(3) Moore. 1910. *Journal of Botany. British and Foreign, London* 48: 250.(4) Moore. 1918. *Journal of Botany. British and Foreign, London* 56: 36.(5) Meyer. 1968. *FSWA* 130: 28, 29.**capricornis** C.B.Clarke

Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt? N?

depressa (L.) Nees*Ruellia depressa* L. (2)

Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 5–35 m. LIM, KZN

erecta C.B.Clarke

Perennial. Dwarf shrub. Ht 0.25–0.5 m. Alt 310–1200 m. M

fischeri Lindau

Perennial. Shrub, dwarf shrub. Ht 0.25–1.75 m. Alt 250–1325 m. B, LIM, M

fleckii Schinz = **Ruelliosis damarensis****monroi** S.Moore

Perennial. Shrub, dwarf shrub. Ht 0.3–0.9 m. Alt 425–950 m. B, LIM

mutica (S.Moore) C.B.Clarke*Calophanes radicans* T.Anderson var. *mutica* S.Moore (2)

Perennial. Shrub, dwarf shrub. Ht 0.6–0.9 m. Alt 610–? m. M

perrottetii (Nees) Kuntze*Calophanes perrottetii* Nees (1)

Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt? M

pseudirecta Mildbr.

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 410–? m. N, NC

radicans (Hochst. ex A.Rich.) Nees*Ruellia radicans* Hochst. ex A.Rich. (1)

Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 700–960 m. B

rogersii S.Moore

Perennial. Shrub, dwarf shrub. Ht 0.2–1.2 m. Alt 275–1250 m. LIM, M, S

transvaalensis C.B.Clarke

Perennial. Shrub, dwarf shrub. Ht 0.15–1.65 m. Alt 915–1560 m. B, LIM, NW, G, M

ECBOLIUM Kurz 8048000(1) Vollesen. 1989. *Kew Bulletin* 44: 601–680.*amplexicaule* of authors, not of S.Moore = **E. glabratum****clarkei** Hiern var. **clarkei**

Perennial. Herb. Ht 0.4–1 m. Alt? N

clarkei Hiern var. **puberulum** Vollesen

Perennial. Herb. Ht 0.4–1 m. Alt? N

cognatum N.E.Br. = **Megalochlamys revoluta** subsp. **cognata****flanaganii** C.B.Clarke

Perennial. Shrub, herb. Ht 0.3–0.7 m. Alt 5–450 m. EC

glabratum Vollesen*E. amplexicaule* of authors, not of S.Moore (1)

Perennial. Dwarf shrub, herb. Ht 0.3–1 m. Alt 20–305 m. M, S, KZN

hamatum (Klotzsch) C.B.Clarke = **Megalochlamys hamata****ELYTRARIA** Michx. 7908000(1) Dokosi 1971. *Mitteilungen der Botanischen Staatssammlung München* 10: 256–265.*acaulis* of authors, not of (L.f.) Lindau = **E. lyrata****lyrata** Vahl*E. acaulis* of authors, not of (L.f.) Lindau (1)

Perennial. Herb. Ht 0.1–0.3 m. Alt 245–1100 m. B, LIM

ERANTHEMUM L. 7966000*angustatum* L., illegitimate name = **Microdon dubius***angustifolium* Murray, illegitimate name = **Microdon dubius***decurrens* Hochst. ex Nees = **Ruspolia decurrens***parviflorum* P.J.Bergius = **Microdon parviflorus***seticalyx* C.B.Clarke = **Ruspolia seticalyx***subviscosum* C.B.Clarke = **Pseuderanthemum subviscosum****GENDARUSSA** Nees 8094040*densiflora* Hochst. = **Adhatoda densiflora***diosmophylla* Nees = **Justicia orchioides** subsp. **orchioides***incana* Nees = **Monechma incanum***leptantha* Nees = **Siphonoglossa leptantha** subsp. **leptantha***orchioides* (L.f.) Nees var. *latifolia* Nees = **Justicia cuneata** subsp. **latifolia****GLOSSOCHILUS** Nees 7970000(1) Clarke. 1901. *FC* 5,1: 40, 41.(2) Hutchinson. 1909. *Kew Bulletin*: 186.**burchellii** Nees

Perennial. Herb. Ht 0.05–0.2 m. Alt 1370–1435 m. B, NC

parviflorus Hutch.

Perennial. Herb. Ht 0.1–0.3 m. Alt ?–795 m. LIM

HEMIGRAPHIS Nees 7945000*abyssinica* (Hochst. ex Nees) C.B. Clarke = **Hygrophila abyssinica***prunelloides* S. Moore = **Hygrophila prunelloides****HYGROPHILA** R.Br. emend. Heine 7926000(1) Meyer. 1968. *FSWA* 130: 29–31.(2) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* IV: 481–483.**abyssinica** (Hochst. ex Nees) T. Anderson
Hemigraphis abyssinica (Hochst. ex Nees) C.B. Clarke (2)
Annual. Herb. Ht 0.1–0.15 m. Alt? N**acinos** (S. Moore) Heine
Synnema acinos S. Moore (2)
Annual. Herb. Length 0.2–0.4 m. Alt 915–1000 m. N**angolensis** (S. Moore) Heine
Synnema angolense S. Moore (2)
Annual. Herb. Ht 0.2–0.4 m. Alt ?–1020 m. N**auriculata** (Schumach.) Heine
Asteracantha longifolia (L.) Nees (2)
Barleria auriculata Schumach. (2)
H. spinosa T. Anderson (2)
Perennial. Herb. Ht 0.6–0.9 m. Alt 90–610 m. N, M, S, KZN*crenata* Lindau = **Duosperma crenatum****gracillima** (Schinz) Burkill
Nomaphila gracillima Schinz (1)
Perennial. Herb. Ht 0.5–1.5 m. Alt ?–1005 m. N**linearis** Burkill
Annual. Herb. Ht 0.2–0.4 m. Alt? B**okavangensis** P.G. Mey.
Annual. Herb. Ht 0.05–0.1 m. Alt? N**pilosa** Burkill
Perennial. Herb. Ht 0.08–0.15 m. Alt? N, B**pobeguunii** Benoist
Annual. Herb. Ht 0.5–1.5 m. Alt? B**prunelloides** (S. Moore) Heine
Hemigraphis prunelloides S. Moore (2)
Perennial. Herb. Ht 0.2–0.3 m. Alt ?–960 m. N, B*spinosa* T. Anderson = **H. auriculata****HYPOESTES** Sol. ex R.Br. 8032000(1) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 370.
(2) Balkwill & Getliffe Norris. 1985. *South African Journal of Botany* 51: 133–144.*antennifera* S. Moore = **H. aristata** var. **aristata****aristata** (Vahl) Sol. ex Roem. & Schult. var. **alba** K. Balkwill
Perennial. Suffrutex. Ht 0.3–1.5 m. Alt 305–1675 m. LIM, M, S, KZN**aristata** (Vahl) Sol. ex Roem. & Schult. var. **aristata** (1)
H. antennifera S. Moore (2)
H. verticillaris (L.f.) Sol. ex Roem. & Schult. (2)
Justicia aristata Vahl (2)
Perennial. Suffrutex. Ht 0.25–1.5 m. Alt 2–1900 m. KZN, WC, EC**aristata** (Vahl) Sol. ex Roem. & Schult. var. **thiniorum** K. Balkwill
Perennial. Suffrutex, herb. Ht 0.3–0.8 m. Alt 5–60 m. WC, EC**forskaolii** (Vahl) R.Br.
H. verticillaris of authors, not of (L.f.) Sol. ex Roem. & Schult. (2)
Justicia forskaolii Vahl (2)
Perennial. Herb. Ht 0.2–1 m. Alt 3–1950 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC*phaylopsoides* S. Moore = **H. triflora****triflora** (Forssk.) Roem. & Schult.*H. phaylopsoides* S. Moore (2)*Justicia triflora* Forssk. (2)

Perennial. Shrublet, herb. Ht 0.2–1.5 m. Alt 490–2000 m. LIM, M, S, KZN, EC

verticillaris (L.f.) Sol. ex Roem. & Schult. = **H. aristata** var. **aristata***verticillaris* of authors, not of (L.f.) Sol. ex Roem. & Schult. = **H. forskaolii****ISOGLOSSA** Oerst. 8079000(1) Clarke. 1901. *FC* 5,1: 79–84.(2) Brown. 1908. *Kew Bulletin* 1908: 437.*bachmannii* Lindau = **I. ovata****bolusii** C.B. Clarke
Perennial. Shrub, herb. Ht 0.2–1.2 m. Alt 30–1130 m. M, S, EC**ciliata** (Nees) Lindau
Rhytiglossa ciliata Nees (1)
Perennial. Shrub, herb. Ht 0.3–1.3 m. Alt 5–975 m. S, KZN, WC, EC**cooperi** C.B. Clarke
Perennial. Shrub, herb. Ht 0.2–3.6 m. Alt 5–1800 m. LIM, M, KZN, EC**delicatula** C.B. Clarke
Perennial. Shrub, herb. Ht 0.35–1.5 m. Alt 30–1700 m. LIM, M, KZN, EC**densa** N.E. Br.
Perennial. Herb. Ht 0.5–1 m. Alt? EC**eckloniana** (Nees) Lindau
Rhytiglossa eckloniana Nees (1)
Perennial. Shrub, herb. Ht 0.3–1.8 m. Alt 60–1800 m. LIM, M, S, KZN, EC**grantii** C.B. Clarke
Perennial. Shrub, dwarf shrub, herb. Ht 0.2–1.5 m. Alt 5–1830 m. LIM, NW, G, M, S, FS, KZN, L, EC**hypoestiflora** Lindau
Perennial. Shrub, herb. Ht 0.5–4 m. Alt 10–1420 m. LIM, KZN, EC**macowanii** C.B. Clarke
Perennial. Dwarf shrub, herb. Ht 0.2–0.7 m. Alt 490–1675 m. KZN, L, EC**organoides** (Nees) Lindau
Rhytiglossa organoides Nees (1)
Perennial. Shrub, dwarf shrub, herb. Ht 0.3–1.5 m. Alt 155–1705 m. LIM, G, M, S, KZN, EC**ovata** (Nees) Lindau
I. bachmannii Lindau (1)
Rhytiglossa ovata Nees (1)
Perennial. Herb. Ht 0.2–0.9 m. Alt 10–765 m. KZN, EC**prolixa** (Nees) Lindau
Rhytiglossa prolixa Nees (1)
Perennial. Herb, climber. Ht 0.3–2 m. Alt 10–700 m. EC**stipitata** C.B. Clarke
Perennial. Herb. Ht 0.3–0.6 m. Alt 185–490 m. KZN, EC**sylvatica** C.B. Clarke
Perennial. Dwarf shrub, herb. Ht 0.5–1 m. Alt? WC**woodii** C.B. Clarke
Perennial. Shrub, herb. Ht 0.5–2 m. Alt 5–1280 m. KZN, EC

JUSTICIA L.

8094000

- (1) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1237.
 (2) Immelman. 1984. *The Flowering Plants of Africa* 48: t. 1897.
 (3) Immelman. 1984. *The Flowering Plants of Africa* 48: t. 1898.
 (4) Immelman. 1986. *The Flowering Plants of Africa* 49: t. 1931.
 (5) Immelman. 1986. *The Flowering Plants of Africa* 49: t. 1932.
 (6) Immelman. 1988. *The Flowering Plants of Africa* 50: t. 1969.
 (7) Immelman. 1995. *FSA* 30,3,1: 18–46.
- anagalloides** (Nees) T.Anderson
Adhatoda anagalloides Nees (7)
 Perennial. Herb. Ht 0.03–0.5 m. Alt 90–2000 m. LIM, NW, G, M, S, FS, KZN
- anselliana** (Nees) T.Anderson (5)
Adhatoda anselliana Nees (7)
 Perennial. Herb. Ht 0.1–0.5 m. Alt ?–915 m. N
- aristata** Vahl = **Hypoestes aristata** var. **aristata**
- betonica** L. (6)
J. betonicoides Burkill & C.B.Clarke (7)
J. cheiranthifolia (Nees) C.B.Clarke (7)
J. pallidior (Nees) C.B.Clarke (7)
J. trinervia Vahl (7)
 Perennial. Dwarf shrub, herb. Ht 0.15–1 m. Alt 20–1655 m. N, B, LIM, NW, G, M, S, KZN, EC
- betonicoides* Burkill & C.B.Clarke = **J. betonica**
- bolusii** C.B.Clarke (4)
 Perennial. Shrub. Ht 0.5–1 m. Alt 15–580 m. EC
- bowiei** C.B.Clarke = **J. petiolaris** subsp. **bowiei**
- burchellii** C.B.Clarke = **J. petiolaris** subsp. **bowiei**
- campylostemon** (Nees) T.Anderson
Leptostachya campylostemon Nees (7)
 Perennial. Shrub, herb. Ht 0.3–3 m. Alt 5–1680 m. LIM, M, S, KZN, EC
- canescens** Lam. = **Nelsonia canescens**
- capensis** Thunb.
 Perennial. Shrub, scrambler, herb. Ht 0.2–2 m. Alt 5–715 m. KZN, EC
- cheiranthifolia* (Nees) C.B.Clarke = **J. betonica**
- clavicarpa** Schinz = **J. platysepala**
- cleomoides** S.Moore = **Monechma cleomoides**
- clinopodia** E.Mey. = **Dicliptera clinopodia**
- cuneata** Vahl subsp. **cuneata**
 Perennial. Shrub, dwarf shrub. Ht 0.2–1.6 m. Alt 20–85 m. EC
- cuneata** Vahl subsp. **hoerleiniana** (P.G.Mey.) Immelman
J. hoerleiniana P.G.Mey. (7)
 Perennial. Shrub, dwarf shrub. Ht 0.5–0.8 m. Alt? N
- cuneata** Vahl subsp. **latifolia** (Nees) Immelman
Gendarussa orchiooides (L.f.) Nees var. *latifolia* Nees (7)
 Perennial. Shrub, dwarf shrub. Ht 0.4–0.9 m. Alt 15–550 m. NC, WC, EC
- desertorum** Engl. = **Monechma desertorum**
- dinteri** S.Moore = **J. heterocarpa** subsp. **dinteri**
- distichotrichum** Lindau = **Monechma distichotrichum**
- exigua** S.Moore
 Annual. Herb. Ht 0.05–0.3 m. Alt 935–1800 m. N, B, LIM
- flava** (Vahl) Vahl (3)
Adhatoda flava (Vahl) Nees (7)
 Perennial. Dwarf shrub, herb. Ht 0.1–1 m. Alt 25–1400 m. B, LIM, NW, G, M, S, KZN, EC
- forskaolii** Vahl = **Hypoestes forskaolii**
- genistifolia** Engl. = **Monechma genistifolium** subsp. **genistifolium**

glabra Koenig ex Roxb.

Perennial. Herb. Ht 0.3–1.5 m. Alt ?–950 m. B, LIM, KZN

guerkeana Schinz*J. leucocraspedota* Lindau (7)*Monechma clarkei* Schinz (7)

Perennial. Shrub, dwarf shrub. Ht 0.3–2 m. Alt 1005–1220 m. N, NC

heterocarpa T.Anderson subsp. **dinteri** (S.Moore) Hedrén*J. dinteri* S.Moore (7)

Annual. Herb. Ht 0.15–0.8 m. Alt 940–? m. N, B, LIM

heterostegia E.Mey. = **Dicliptera heterostegia****hoerleiniana** P.G.Mey. = **J. cuneata** subsp. **hoerleiniana****incana** (Nees) T.Anderson = **Monechma incanum****incerta** C.B.Clarke = **J. petiolaris** subsp. **incerta****kirkiana** T.Anderson

Annual. Herb. Ht 0.25–0.4 m. Alt? B

kraussii C.B.Clarke = **J. protracta** subsp. **protracta****leucocraspedota** Lindau = **J. guerkeana****leucoderme** Schinz = **Monechma leucoderme****lycioides** Schinz = **J. odora****matammensis** (Schweinf.) Oliv.*Adhatoda matammensis* Schweinf. (7)

Annual. Herb. Ht 0.3–0.4 m. Alt 330–935 m. B, LIM, M

minima A.Meeuse

Perennial. Dwarf shrub, herb. Ht 0.15–0.5 m. Alt 1160–1465 m. LIM

montis-salarum A.Meeuse

Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 1000–1500 m. LIM

mutica C.B.Clarke = **J. petiolaris** subsp. **bowiei****natalensis** (Nees) T.Anderson = **Adhatoda densiflora****odora** (Forssk.) Vahl*J. lycioides* Schinz (7)*J. polymorpha* Schinz (7)

Perennial. Shrub, dwarf shrub, herb. Ht 0.2–1.5 m. Alt 320–1220 m. N, B, LIM, M, KZN

orchiooides L.f. subsp. **glabrata** Immelman

Perennial. Shrub, dwarf shrub. Ht 0.15–0.6 m. Alt 120–1370 m. NW, FS, WC, EC

orchiooides L.f. subsp. **orchiooides***Gendarussa diosmophylla* Nees (7)

Perennial. Shrub, dwarf shrub. Ht 0.15–0.75 m. Alt 30–305 m. EC

pallidior (Nees) C.B.Clarke = **J. betonica****parvibracteata** Immelman = **J. puberula****petiolaris** (Nees) T.Anderson subsp. **bowiei** (C.B.Clarke) Immelman*J. bowiei* C.B.Clarke (7)*J. burchellii* C.B.Clarke (7)*J. mutica* C.B.Clarke (7)

Perennial. Dwarf shrub, herb. Ht 0.25–1.3 m. Alt 15–550 m. EC

petiolaris (Nees) T.Anderson subsp. **incerta** (C.B.Clarke) Immelman (1)*J. incerta* C.B.Clarke (7)

Perennial. Dwarf shrub, herb. Ht 0.1–0.5 m. Alt 30–1170 m. LIM, NW, G, M, KZN

petiolaris (Nees) T.Anderson subsp. **petiolaris** (2)*Adhatoda petiolaris* Nees (7)

Perennial. Dwarf shrub, herb. Ht 0.25–1.5 m. Alt 5–1200 m. LIM, M, S, KZN

platysepala (S.Moore) P.G.Mey.*J. clavicaarpa* Schinz (7)*Monechma platysepalum* S.Moore (7)

Perennial. Shrub, dwarf shrub. Ht 0.5–1.5 m. Alt 320–1500 m. N

polymorpha Schinz = **J. odora****protracta** (Nees) T.Anderson subsp. **protracta***J. kraussii* C.B.Clarke (7)*J. pulegioides* C.B.Clarke (7)*J. rotundifolia* (Nees) T.Anderson (7)*J. woodii* C.B.Clarke (7)

Perennial. Dwarf shrub, herb. Ht 0.6–2 m. Alt 5–1830 m. LIM, M, S, KZN, EC

protracta (Nees) T.Anderson subsp. **rhodesiana** (S.Moore) Immelman*J. rhodesiana* S.Moore (7)

Perennial. Dwarf shrub, herb. Ht 0.6–1 m. Alt 305–1400 m. N, B, LIM, NW, M

puberula Immelman*J. parvibracteata* Immelman (7)

Perennial. Dwarf shrub, herb. Ht 0.15–0.5 m. Alt? NC

pulegioides C.B.Clarke = **J. protracta** subsp. **protracta***pulegioides* C.B.Clarke subsp. *late-ovata* C.B.Clarke =**Siphonoglossa leptantha** subsp. *late-ovata**rhodesiana* S.Moore = **J. protracta** subsp. *rhodesiana**rotundifolia* (Nees) T.Anderson = **J. protracta** subsp. *protracta**salsola* S.Moore = **Monechma salsola***spartioides* T.Anderson = **Monechma spartioides****thymifolia** (Nees) C.B.Clarke*Adhatoda thymifolia* Nees (7)

Perennial. Shrub, dwarf shrub. Ht 0.35–1.75 m. Alt 915–1465 m. NC

triflora Forssk. = **Hypoestes triflora***trinervia* Vahl = **J. betonica***woodii* C.B.Clarke = **J. protracta** subsp. **protracta****LEPIDAGATHIS** Willd. 7971000(1) Clarke. 1899. *FTA* 5,1: 120–129.**scabra** C.B.Clarke

Perennial. Herb. Ht 0.2–0.45 m. Alt 200–1220 m. B, LIM, M, S, KZN

scariosa Nees*L. terminalis* Nees (1)

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt? N

terminalis Nees = **L. scariosa****LEPTOSTACHYA** Nees 8094050*campylostemon* Nees = **Justicia campylostemon****MACKAYA** Harv. 8039000(1) Clarke. 1901. *FC* 5,1: 44.(2) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 104.**bella** Harv.

Perennial. Tree, shrub. Ht 1–3 m. Alt 5–1980 m. LIM, M, S, KZN, EC

MACRORUNGLIA C.B.Clarke 8030010*formosissima* (Klotzsch) C.B.Clarke = **Anisotes formosissimus***galpinii* C.Baden = **Metarungia galpinii***longistrobus* C.B.Clarke = **Metarungia longistrobus****MEGALOCHLAMYS** Lindau 8061000(1) Vollesen. 1989. *Kew Bulletin* 44: 601–680.**hamata** (Klotzsch) Vollesen*Ecbolium hamatum* (Klotzsch) C.B.Clarke (1)

Perennial. Shrub, herb. Ht 0.4–1.5 m. Alt 915–1100 m. B, LIM

kenyensis Vollesen subsp. **australis** Vollesen

Perennial. Shrub, herb. Ht 0.5–1.5 m. Alt 365–610 m. LIM

marlothii (Engl.) Lindau*Dicliptera marlothii* Engl. (1)*Dicliptera schumanniana* Schinz (1)

Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 320–1350 m. N

revoluta (Lindau) Vollesen subsp. **cognata** (N.E.Br.) Vollesen*Ecbolium cognatum* N.E.Br. (1)

Perennial. Shrub, dwarf shrub, herb. Ht 0.25–1.25 m. Alt 520–915 m. B, LIM

METARUNGLIA C.Baden 8030000(1) Codd. 1983. *The Flowering Plants of Africa* 47: t. 1862.(2) Batten. 1989. *The Flowering Plants of Africa* 50: t. 1989.(3) Baden. 1995. *FSA* 30,3,1: 3–5.(4) Edwards *et al.* 2001. *Bothalia* 31: 199–202.**galpinii** (C.Baden) C.Baden (2)*Macrorungia galpinii* C.Baden (3)

Perennial. Shrub. Ht 2–3 m. Alt 30–100 m. EC

longistrobus (C.B.Clarke) C.Baden (1)*Macrorungia longistrobus* C.B.Clarke (3)

Perennial. Shrub. Ht 0.75–1.5 m. Alt 150–900 m. LIM, M, S

pubinervia (T.Anderson) C.Baden*Rungia pubinervia* T.Anderson (4)

Perennial. Shrub. Ht 1–5 m. Alt 500–2000 m. KZN

MONECHMA Hochst. 8094010(1) Munday. 1995. *FSA* 30,3,1: 47–61.**acutum** C.B.Clarke

Perennial. Dwarf shrub. Ht 0.15–0.35 m. Alt? EC

angustissimum S.Moore = **M. divaricatum***arenicola* (Engl.) C.B.Clarke = **M. cleomoides***atherstonei* (T.Anderson) C.B.Clarke = **M. spartioides***australe* P.G.Mey. = **M. genistifolium** subsp. **australe***bracteatum* Hochst. = **M. debile****calcaratum** Schinz

Perennial. Dwarf shrub. Ht 0.45–0.75 m. Alt ?–1005 m. N

callothamnum Munday

Perennial. Shrub, dwarf shrub. Ht 0.5–1.2 m. Alt? N

clarkei Schinz = **Justicia guerkeana****cleomoides** (S.Moore) C.B.Clarke*Justicia cleomoides* S.Moore (1)*M. arenicola* (Engl.) C.B.Clarke (1)

Perennial. Shrub, dwarf shrub, suffrutex. Ht 0.3–0.6 m. Alt 650–1165 m. N

crassiusculum P.G.Mey.

Perennial. Shrub, dwarf shrub. Ht 0.25–0.6 m. Alt? N, NC

debile (Forssk.) Nees*Dianthera debilis* Forssk. (1)*M. bracteatum* Hochst. (1)*M. monechmoides* (S.Moore) Hutch. (1)*M. tettense* C.B.Clarke (1)

Annual. Herb. Ht 0.3–1.2 m. Alt 15–1500 m. N, B, LIM, M, S, KZN

- desertorum** (Engl.) C.B.Clarke
Justicia desertorum Engl. (1)
Annual. Herb. Ht 0.15–0.6 m. Alt 700–1000 m. N
- distichotrichum** (Lindau) P.G.Mey.
Justicia distichotrichum Lindau (1)
Perennial. Suffrutex, dwarf shrub. Ht 0.15–0.5 m. Alt 915–1615 m. N, NC
- divaricatum** (Nees) C.B.Clarke
Adhatoda divaricata Nees (1)
M. angustissimum S.Moore (1)
M. fimbriatum C.B.Clarke (1)
M. floridum C.B.Clarke (1)
M. namaense (Schinz) C.B.Clarke (1)
M. nepeta (S.Moore) C.B.Clarke (1)
M. nepetoides C.B.Clarke (1)
M. terminale S.Moore (1)
Perennial. Shrub, suffrutex. Ht 0.2–1 m. Alt 100–1850 m.
N, B, LIM, NW, M, S, FS, KZN, NC, WC, EC
- fimbriatum* C.B.Clarke = **M. divaricatum**
- floridum* C.B.Clarke = **M. divaricatum**
- foliosum** C.B.Clarke
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 835–1000 m.
WC, EC
- genistifolium** (Engl.) C.B.Clarke subsp. **australe** (P.G.Mey.)
Munday
M. australe P.G.Mey. (1)
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 610–1220 m.
N, B, NC
- genistifolium** (Engl.) C.B.Clarke subsp. **genistifolium**
Justicia genistifolia Engl. (1)
M. hereroense (Engl.) C.B.Clarke (1)
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 475–1600 m. N
- grandiflorum** Schinz
Perennial. Shrub, dwarf shrub. Ht 0.3–0.7 m. Alt ?–1100 m. N
- hereroense* (Engl.) C.B.Clarke = **M. genistifolium** subsp.
genistifolium
- incanum** (Nees) C.B.Clarke
Gendarussa incana Nees (1)
Justicia incana (Nees) T.Anderson (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 900–
1420 m. N, B, NW, FS, NC, WC, EC
- leucoderme** (Schinz) C.B.Clarke
Justicia leucoderme Schinz (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.8 m. Alt 500–
1405 m. N, NC
- linaria** C.B.Clarke
Perennial. Shrub, dwarf shrub. Ht 0.6–1 m. Alt ?–170 m. WC
- molle* C.B.Clarke = **M. mollissimum**
- mollissimum** (Nees) P.G.Mey.
Adhatoda mollissima Nees (1)
M. molle C.B.Clarke (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–2.5 m. Alt 190–945 m. N, NC
- monechmoides* (S.Moore) Hutch. = **M. debile**
- namaense* (Schinz) C.B.Clarke = **M. divaricatum**
- nepeta* (S.Moore) C.B.Clarke = **M. divaricatum**
- nepetoides* C.B.Clarke = **M. divaricatum**
- platysepalum* S.Moore = **Justicia platysepala**
- pseudopatulum* C.B.Clarke = **M. spartioides**
- robustum** Bond
Perennial. Shrub, dwarf shrub. Ht 0.5–0.75 m. Alt ?–610
m. WC
- salsola** (S.Moore) C.B.Clarke
Justicia salsola S.Moore (1)
Perennial. Dwarf shrub. Ht 0.25–0.65 m. Alt ?–700 m. N
- saxatile** Munday
Perennial. Shrub, dwarf shrub. Ht 0.3–0.6 m. Alt ?–1100 m. NC
- serotinum** P.G.Mey.
Perennial. Shrub, dwarf shrub. Ht 0.5–1.3 m. Alt? N
- spartioides** (T.Anderson) C.B.Clarke
Justicia spartioides T.Anderson (1)
M. atherstonei (T.Anderson) C.B.Clarke (1)
M. pseudopatulum C.B.Clarke (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–2 m. Alt 185–1675 m.
N, NW, NC, WC, EC
- terminale* S.Moore = **M. divaricatum**
- tettense* C.B.Clarke = **M. debile**
- tonsum** P.G.Mey.
Perennial. Shrub, dwarf shrub. Ht 0.35–0.7 m. Alt ?–1050 m. N
- NELSONIA** R.Br. 7909000
(1) Vollesen. 1994. *Proceedings 13th Plenary Meeting AETFAT*: 315–325.
- canescens** (Lam.) Spreng.
Justicia canescens Lam. (1)
Perennial. Herb. Length 0.05–0.35 m. Alt ?–940 m. N, B
- NEURACANTHUS** Nees 7977000
(1) Bidgood & Brummitt. 1998. *Kew Bulletin* 53: 1–76.
- africanus** T.Anderson ex S.Moore var. **africanus**
Barleria sacani Klotzsch ex Lindau (1)
Perennial. Dwarf shrub, herb. Ht 0.4–1.5 m. Alt 305–1100
m. LIM
- africanus** T.Anderson ex S.Moore var. **limpopoensis**
Bidgood & Brummitt
Perennial. Dwarf shrub, herb. Ht 0.15–0.5 m. Alt 400–700
m. LIM
- NOMAPHILA** Blume 7926010
gracillima Schinz = **Hygrophila gracillima**
quadrangularis Klotzsch = **Duosperma quadrangulare**
- PERISTROPHE** Nees 8026000
(1) Immelman. 1985. *The Flowering Plants of Africa* 48: t. 1920.
(2) Balkwill. 1996. *Bothalia* 26: 83–93.
- bicalyculata* (Retz.) Nees = **P. paniculata**
caulopsila E.Mey. ex Nees = **P. cernua**
- cernua** Nees (1)
P. caulopsila E.Mey. ex Nees (2)
P. krebsii C.Presl (2)
P. natalensis T.Anderson (2)
P. oblonga Nees (2)
Perennial. Suffrutex. Ht 0.3–1.8 m. Alt 30–1065 m.
KZN, EC
- cliffordii** K.Balkwill
Perennial. Suffrutex. Ht 0.5–1.2 m. Alt ?–550 m. LIM
- decorticans** K.Balkwill
P. kotschyana in sense of K.Balkwill, not of Nees (2)
Perennial. Suffrutex. Ht 0.3–1 m. Alt 500–1060 m. B, LIM
- gillilandiorum** K.Balkwill
Perennial. Suffrutex. Ht 0.5–1.2 m. Alt ?–500 m. LIM
- grandibracteata** Lindau
Perennial. Suffrutex, dwarf shrub. Ht 0.2–0.5 m. Alt? N
- hereroensis** (Schinz) K.Balkwill
Dicliptera hereroensis Schinz (2)

Perennial. Suffrutex, dwarf shrub. Ht 0.2–0.5 m. Alt ?–2250 m. N
kotschyana in sense of K.Balkwill, not of Nees = **P. decorticans**
krebsii C.Presl = **P. cernua**

namibiensis K.Balkwill subsp. **brandbergensis** K.Balkwill
Perennial. Suffrutex. Ht 0.3–1 m. Alt? N

namibiensis K.Balkwill subsp. **namibiensis**
Perennial. Suffrutex. Ht 0.3–1 m. Alt? N

natalensis T.Anderson = **P. cernua**

oblonga Nees = **P. cernua**

paniculata (Forssk.) Brummitt

Dianthera bicalyculata Retz. (2)

Dianthera paniculata Forssk. (2)

P. bicalyculata (Retz.) Nees (2)

Annual. Herb. Ht 0.5–2 m. Alt 850–915 m. N, B

transvaalensis (C.B.Clarke) K.Balkwill

Dicliptera transvaalensis C.B.Clarke (2)

Perennial. Suffrutex. Ht 0.5–1.2 m. Alt ?–1000 m. B, LIM

PETALIDIUM Nees 7934000

(1) Obermeyer. 1936. *Annals of the Transvaal Museum* 18: 151–162.

(2) Niemeyer. 1937. *The Flowering Plants of South Africa* 17: t. 669.

(3) Obermeyer. 1959. *The Flowering Plants of Africa* 33: t. 1317.

(4) Obermeyer. 1961. *The Flowering Plants of Africa* 34: t. 1355.

(5) Meyer 1968. *FSWA* 130: 50–62.

(6) Meyer. 1973. *Mitteilungen der Botanischen Staatssammlung München* 11: 108–112.

angustitubum P.G.Mey.

Perennial. Dwarf shrub, herb. Ht 0.3–0.7 m. Alt ?–400 m. N

aromaticum Oberm. var. **aromaticum**

Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 275–550 m.
LIM

aromaticum Oberm. var. **canescens** Oberm.

Perennial. Dwarf shrub, herb. Ht 0.3–0.5 m. Alt 260–550 m.
LIM

bracteatum Oberm. (3)

Perennial. Dwarf shrub, herb. Ht 0.3–1.5 m. Alt 900–1165 m. N

canescens (Engl.) C.B.Clarke

P. eenii S.Moore (1)

Pseudobarleria canescens Engl. (5)

Perennial. Dwarf shrub, herb. Ht 0.2–0.3 m. Alt? N

cirrhiferum S.Moore

Perennial. Dwarf shrub, herb. Ht 0.3–0.8 m. Alt 900–1980 m. N

coccineum S.Moore (4)

P. rubescens Oberm. (5)

Pseudobarleria coccinea (S.Moore) Lindau (5)

Perennial. Shrub, dwarf shrub. Ht 0.5–2 m. Alt 780–1980 m. N

crispum A.Meeuse ex P.G.Mey.

Perennial. Dwarf shrub, herb. Ht 0.4–0.6 m. Alt 725–900 m. N

cymbiforme Schinz

Perennial. Shrub, dwarf shrub. Ht 0.6–1 m. Alt? N

damarensis S.Moore = **P. variabile** var. **variabile**

eenii S.Moore = **P. canescens**

englerianum (Schinz) C.B.Clarke

P. eurychlamys Mildbr. (5)

P. latifolium (Schinz) C.B.Clarke (5)

P. ovatum (Schinz) C.B.Clarke (5)

Pseudobarleria engleriana Schinz (5)

Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 410–1150 m. N, B

eurychlamys Mildbr. = **P. englerianum**

giessii P.G.Mey.

Perennial. Shrub, dwarf shrub. Ht 0.6–0.8 m. Alt? N

glutinosa (Engl.) C.B.Clarke = **P. variabile** var. **variabile**

halimoides (Nees) S.Moore

Barleria halimoides Nees (5)

Perennial. Dwarf shrub, herb. Ht 0.3–0.6 m. Alt 700–? m. N

incanum (Engl.) Mildbr. = **P. variabile** var. **variabile**

lanatum (Engl.) C.B.Clarke

Pseudobarleria lanata Engl. (5)

Perennial. Dwarf shrub, herb. Ht 0.2–0.3 m. Alt 1200–1350 m. N

latifolium (Schinz) C.B.Clarke = **P. englerianum**

linifolium T.Anderson

P. parvifolium C.B.Clarke ex Schinz var. *angustifolia* Schinz (5)

Pseudobarleria linifolia (T.Anderson) Lindau (5)

Perennial. Shrub, dwarf shrub. Ht 0.3–0.6 m. Alt 800–1000 m. N

lucens Oberm.

Perennial. Shrub, dwarf shrub. Ht 0.75–1 m. Alt ?–795 m. N, NC

luteo-album A.Meeuse

Perennial. Shrub, dwarf shrub. Ht 0.7–1.5 m. Alt 700–1200 m. N

oblongifolium C.B.Clarke (2)

Perennial. Shrub, dwarf shrub, herb. Ht 0.4–0.9 m. Alt 765–1370 m.
LIM, M

ohopohense P.G.Mey.

Perennial. Dwarf shrub, herb. Ht 0.15–0.5 m. Alt? N

ovatum (Schinz) C.B.Clarke = **P. englerianum**

parvifolium C.B.Clarke ex Schinz

P. wilmaniae Oberm. (5)

Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 600–1370 m.
N, B, NC

parvifolium C.B.Clarke ex Schinz var. *angustifolia*

Schinz = **P. linifolium**

physaloides S.Moore

Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 700–1005 m. N

pilosibracteolatum Merxm. & Hainz

Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt? N

ramulosum Schinz

Perennial. Dwarf shrub, herb. Ht 0.05–0.2 m. Alt? N

rautanenii Schinz

Pseudobarleria glandulifera Lindau (1)

Perennial. Shrub, dwarf shrub. Ht 0.35–1.2 m. Alt ?–1495 m. N

rossmannianum P.G.Mey.

Perennial. Shrub, dwarf shrub, herb. Ht 0.2–1.5 m. Alt 200–1235 m. N

rubescens Oberm. = **P. coccineum**

setosum C.B.Clarke ex Schinz

Perennial. Shrub, dwarf shrub. Ht 0.3–0.7 m. Alt 460–1220 m.
N, NC

spiniferum C.B.Clarke

Perennial. Shrub, dwarf shrub. Ht 0.5–1.3 m. Alt? N

subcrispum P.G.Mey.

Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt? N

variabile (Engl.) C.B.Clarke var. **spectabile** Mildbr.

Perennial. Dwarf shrub. Ht 0.3–0.9 m. Alt? N

variabile (Engl.) C.B.Clarke var. **variabile**

P. damarensis S.Moore (5)

P. glutinosum (Engl.) C.B.Clarke (5)

P. incanum (Engl.) Mildbr. (5)

Pseudobarleria variabilis Engl. (5)

Perennial. Shrub, dwarf shrub. Ht 0.3–0.9 m. Alt 320–1200 m. N

welwitschii S.Moore

Perennial. Shrub, dwarf shrub. Ht 0.6–1 m. Alt 700–1200 m. N

wilmaniae Oberm. = **P. parvifolium**

PHAULOPSIS Willd. 7932000

(1) Manktelow. 1996. *Symbolae Botanicae Upsalienses* 31,2: 1–184.

imbricata (Forssk.) Sweet subsp. **imbricata**

P. longifolia Thomson ex C.B. Clarke (1)

Ruellia imbricata Forssk. (1)

Perennial. Herb. Ht 0.25–0.6 m. Alt 15–1370 m. LIM, M, S, KZN, EC

longifolia Thomson ex C.B. Clarke = **P. imbricata** subsp. **imbricata**

semiconica P.G. Mey.

Perennial. Herb. Ht 0.3–0.7 m. Alt 725–1500 m. N

PSEUDERANTHEMUM Radlk. 8024000

(1) Milne-Redhead. 1936. *Kew Bulletin*: 255–268.

(2) Edwards & Harrison. 1998. *Bothalia* 28: 187–190.

hildebrandtii Lindau

Perennial. Shrub, dwarf shrub, herb. Ht 0.3–1 m. Alt? KZN

subviscosum (C.B. Clarke) Stapf

Eranthemum subviscosum C.B. Clarke (1)

Perennial. Shrub, dwarf shrub, herb. Ht 0.15–1.2 m. Alt 5–450 m. KZN

PSEUDOBARLERIA T. Anderson 7935000

canescens Engl. = **Petalidium canescens**

coccinea (S. Moore) Lindau = **Petalidium coccineum**

engleriana Schinz = **Petalidium englerianum**

glandulifera Lindau = **Petalidium rautanenii**

lanata Engl. = **Petalidium lanatum**

linifolia (T. Anderson) Lindau = **Petalidium linifolium**

variabilis Engl. = **Petalidium variabile** var. **variabile**

RHINACANTHUS Nees 8054000

(1) Balkwill. 1995. *FSA* 30,3,1: 11–14.

communis C.B. Clarke, not of Nees = **R. gracilis** var. **gracilis**

gracilis Klotzsch var. **gracilis**

R. communis C.B. Clarke, not of Nees (1)

Perennial. Herb. Ht 0.4–1 m. Alt 5–1065 m. S, KZN, EC

gracilis Klotzsch var. **latilabiatus** K. Balkwill

Perennial. Herb. Ht 0.4–1 m. Alt 50–915 m. KZN, EC

kaokoensis K. Balkwill & S. Williamson

Perennial. Herb. Ht 0.4–0.8 m. Alt? N

xerophilus A. Meeuse

Perennial. Herb. Ht 0.2–0.4 m. Alt 305–730 m. LIM, M

RHYTIGLOSSA Nees 8094060

ciliata Nees = **Isoglossa ciliata**

eckloniana Nees = **Isoglossa eckloniana**

organoides Nees = **Isoglossa organoides**

ovata Nees = **Isoglossa ovata**

prolixa Nees = **Isoglossa prolixa**

RUELLIA L. 7965000

(1) Clarke. 1901. *FC* 5,1: 11–15.

(2) Meyer. 1968. *FSWA* 130: 63–65.

(3) Kers. 1970. *Svensk Botanisk Tidskrift* 64: 170–172.

(4) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 323, 324.

(5) Meyer. 1973. *Mitteilungen der Botanischen Staatssammlung München* 11: 104.

adhaerens Forssk. = **Priva adhaerens**

aspera (Schinz) E. Phillips

Dinteracanthus asper Schinz (2)

Perennial. Shrub. Ht 0.6–1.2 m. Alt? N

baurii C.B. Clarke

Perennial. Herb. Ht 0.05–0.2 m. Alt? KZN

bignoniiflora S. Moore

Perennial. Herb. Ht 0.3–0.6 m. Alt ?–670 m. N

brandbergensis Kers

Perennial. Dwarf shrub, herb. Ht 0.5–1 m. Alt 1000–1400 m. N

cordata Thunb.

R. ovata C.B. Clarke in part (4)

Perennial. Dwarf shrub, herb. Ht 0.1–0.6 m. Alt 15–1705 m. LIM, NW, G, M, S, FS, KZN, EC

currorii T. Anderson

Perennial. Herb. Ht 0.6–0.9 m. Alt 610–670 m. N

depressa L. = **Dyschoriste depressa**

depressa L. f. = **Aptosimum procumbens**

diversifolia S. Moore

Dinteracanthus marlothii (Engl.) Schinz (2)

R. velutina (Schinz) E. Phillips (2)

Perennial. Shrub, dwarf shrub. Ht 0.25–1.2 m. Alt 350–1850 m. N

imbricata Forssk. = **Phaulopsis imbricata** subsp. **imbricata**

malacophylla C.B. Clarke

Perennial. Herb. Ht 0.1–0.2 m. Alt 225–1280 m. LIM, M, S, KZN

otaviensis P.G. Mey.

R. prostrata of author, not of Poir. (2)

Perennial. Shrub, dwarf shrub, herb. Ht 0.4–1 m. Alt? N, B, LIM, M, S

ovata C.B. Clarke in part = **R. cordata**

ovata C.B. Clarke in part = **R. pilosa**

patula Jacq.

Perennial. Herb. Ht 0.1–1 m. Alt 70–1525 m. N, B, LIM, NW, G, M, S, KZN, EC

pilosa L. f.

R. ovata C.B. Clarke in part (4)

R. zeyheri (Sond.) T. Anderson (4)

Perennial. Dwarf shrub, herb. Ht 0.1–0.5 m. Alt 155–215 m. KZN, WC, EC

prostrata of author, not of Poir. = **R. otaviensis**

radicans Hochst. ex A. Rich. = **Dyschoriste radicans**

setigera Pers. = **Chaetacanthus setiger**

spinescens Thunb. = **Aptosimum spinescens**

stenophylla C.B. Clarke

Perennial. Herb. Ht 0.1–0.5 m. Alt 455–1580 m. M, S, KZN

velutina (Schinz) E. Phillips = **R. diversifolia**

woodii C.B. Clarke

Perennial. Herb. Ht 0.05–0.2 m. Alt 460–1065 m. KZN

zeyheri (Sond.) T. Anderson = **R. pilosa**

RUELLIOPSIS C.B. Clarke 7946000

(1) Clarke. 1901. *FC* 5,1: 15.

(2) Meyer. 1968. *FSWA* 130: 165.

damarensis S. Moore

Dyschoriste fleckii Schinz (2)

Perennial. Herb. Length 0.05–0.25 m. Alt ?–1100 m. N

setosa (Nees) C.B. Clarke

Calophanes setosus Nees (1)

Perennial. Herb. Length 0.1–0.3 m. Alt 320–1680 m. N, B, LIM, NW, G, FS, NC

- RUNGLIA** Nees 8029000
pubinervia T.Anderson = **Metarungia pubinervia**
- RUSPOLIA** Lindau 8022000
(1) Milne-Redhead. 1936. *Kew Bulletin*: 268–273.
(2) Bruce. 1954. *The Flowering Plants of Africa* 30: t. 1166.
- decurrens** (Hochst. ex Nees) Milne-Redh.
Eranthemum decurrens Hochst. ex Nees (1)
Perennial. Shrub. Ht 0.5–1 m. Alt 440–? m. B
- hypocrateriformis** (Vahl) Milne-Redh. var. **australis** Milne-Redh. (2)
Perennial. Shrub. Ht 1–3 m. Alt 460–1065 m. B, LIM, M
- seticalyx** (C.B.Clarke) Milne-Redh.
Eranthemum seticalyx C.B.Clarke (1)
Perennial. Shrub. Ht 0.5–0.85 m. Alt? B
- RUTTYA** Harv. 8063000
(1) Clarke. 1901. *FC* 5,1: 55.
- ovata** Harv.
Perennial. Shrub. Ht 0.9–2 m. Alt 15–1435 m. LIM, M, S, KZN, EC
- ×**RUTTYRUSPOLIA** A.Meeuse & de Wet 8063010
(1) Meeuse & De Wet. 1961. *Bothalia* 7: 439–441.
(2) Obermeyer. 1971. *The Flowering Plants of Africa* 41: t. 1622.
- ‘**Phyllis van Heerden**’ A.Meeuse & de Wet
Perennial. Shrub. Ht 1–2 m. Alt ?–920 m. LIM
- SALPINCTIUM** T.J.Edwards 8007010
(1) Edwards & Getliffe Norris. 1989. *South African Journal of Botany* 55: 6–10.
(2) Edwards *et al.* 1993. *The Flowering Plants of Africa* 52: t. 2077.
(3) Edwards *et al.* 1993. *The Flowering Plants of Africa* 52: t. 2078.
- hirsutum** T.J.Edwards
Perennial. Herb. Ht 0.15–0.35 m. Alt 620–1335 m. S
- natalense** (C.B.Clarke) T.J.Edwards (2)
Asystasia natalensis C.B.Clarke (1)
Perennial. Herb. Ht 0.1–0.7 m. Alt 115–330 m. KZN
- stenosiphon** (C.B.Clarke) T.J.Edwards (3)
Asystasia stenosiphon C.B.Clarke (1)
Perennial. Herb. Ht 0.1–0.4 m. Alt 435–835 m. EC
- SCLEROCHITON** Harv. 7978000
(1) Vollesen. 1991. *Kew Bulletin* 46: 1–50.
- apiculatus** Vollesen
S. coeruleus of authors, not of (Lindau) S.Moore (1)
Perennial. Shrub, climber. Ht 1.5–3 m. Alt 5–60 m. KZN
- coeruleus* of authors, not of (Lindau) S.Moore = **S. apiculatus**
- harveyanus** Nees
Perennial. Shrub. Ht 0.5–3 m. Alt 90–1700 m. LIM, M, S, KZN, EC
- ilicifolius** A.Meeuse
Perennial. Shrub. Ht 0.75–2 m. Alt 850–1435 m. LIM, M
- odoratissimus** Hilliard
Perennial. Shrub. Ht 1.5–2 m. Alt 550–1525 m. KZN, EC
- sp. A**
Perennial. Shrub. Ht 0.5–1 m. Alt? M
- triacanthus** A.Meeuse
Perennial. Shrub. Ht 0.9–1.2 m. Alt 900–1200 m. M
- SIPHONOGLOSSA** Oerst. 8049000
(1) Immelman. 1995. *FSA* 30,3,1: 6–10.
- leptantha** (Nees) Immelman subsp. **late-ovata** (C.B.Clarke) Immelman
Justicia pulegioides C.B.Clarke subsp. *late-ovata* C.B.Clarke (1)
Perennial. Dwarf shrub, herb. Ht 0.2–0.6 m. Alt 15–275 m. WC, EC
- leptantha** (Nees) Immelman subsp. **leptantha**
Gendarussa leptantha Nees (1)
S. nummularia S.Moore (1)
S. tubulosa (Nees) Benth. ex Lindau (1)
Perennial. Dwarf shrub, herb. Ht 0.2–0.6 m. Alt 25–1295 m. KZN, WC, EC
- linifolia** (Lindau) C.B.Clarke
Aulojusticia linifolia Lindau (1)
Perennial. Dwarf shrub, herb. Ht 0.15–0.6 m. Alt 1220–1665 m. M, S
- nkandlaensis** Immelman
Perennial. Herb. Ht 0.2–0.5 m. Alt ?–610 m. KZN, EC
- nummularia* S.Moore = **S. leptantha** subsp. **leptantha**
tubulosa (Nees) Benth. ex Lindau = **S. leptantha** subsp. **leptantha**
- SYNNEMA** Benth. 7924000
acinos S.Moore = **Hygrophila acinos**
angolense S.Moore = **Hygrophila angolensis**
- THUNBERGIA** Retz. 7914000
(1) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 147.
(2) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 148.
(3) Retief & Reyneke. 1984. *Bothalia* 15: 107–116.
- alata** Sims (2)
Perennial. Herb, climber. Ht 1–4 m. Alt 15–1340 m. M, S, KZN
- amoena** C.B.Clarke
Perennial. Herb, creeper. Ht 0.4–2 m. Alt 825–1585 m. LIM, M
- aspera** Nees = **T. atriplicifolia**
- atriplicifolia** E.Mey. ex Nees
T. aspera Nees (3)
T. bachmannii Lindau (3)
T. cordibracteolata C.B.Clarke (3)
T. galpinii Lindau (3)
T. hirtistyla C.B.Clarke (3)
T. xanthotricha Lindau (3)
Perennial. Dwarf shrub, herb. Ht 0.2–0.4 m. Alt 10–2075 m. LIM, NW, G, M, S, KZN, EC
- atriplicifolia** E.Mey. ex Nees × **T. capensis** Retz.
Perennial. Herb, climber. Ht 0.5–1 m. Alt 15–305 m. EC
- aurea** N.E.Br.
Perennial. Herb, scrambler. Ht 0.15–0.6 m. Alt 410–950 m. N, B, LIM
- bachmannii* Lindau = **T. atriplicifolia**
- capensis** Retz.
Perennial. Herb, scrambler. Ht 0.5–1.5 m. Alt 90–1065 m. WC, EC
- cordibracteolata* C.B.Clarke = **T. atriplicifolia**
- dregeana** Nees
Perennial. Herb, creeper. Ht 0.4–1 m. Alt 5–765 m. S, KZN, WC, EC
- galpinii* Lindau = **T. atriplicifolia**
hirtistyla C.B.Clarke = **T. atriplicifolia**
natalensis Hook. (1)

Perennial. Dwarf shrub, herb. Ht 0.5–1.2 m. Alt 40–1525 m. LIM, M, S, KZN, EC

neglecta Sond.

Perennial. Herb, scrambler. Ht 0.2–1 m. Alt 50–1675 m. B, LIM, NW, G, M, S, FS, KZN

pondoensis Lindau

Perennial. Herb, climber. Ht 0.5–1.5 m. Alt 70–1200

m. M, S, KZN

purpurata Harv. ex C.B. Clarke

Perennial. Herb, climber. Ht 0.5–1.5 m. Alt 10–275 m. KZN, EC

venosa C.B. Clarke

Perennial. Herb. Ht 0.1–0.4 m. Alt 665–760 m. KZN

xanthotricha Lindau = **T. atriplicifolia**

ACHARIACEAE

Compiled by C.L. Bredenkamp

ACHARIA Thunb.

5375000

- (1) Killick. 1976. *FSA* 22: 130–132.
(2) Thorne. 2000. *The Botanical Review* 66,4: 501.

tragodes Thunb.

Perennial. Herb. Ht ± 0.19 m. Alt 120–1097 m. EC

CERATIOSICYOS Nees

5374000

- (1) Killick. 1976. *FSA* 22: 128–130.

laevis (Thunb.) A.Meeuse

Perennial. Shrub, climber. Ht ± 0.4 m. Alt 5–1615 m. LIM, M, S, KZN, WC, EC

GUTHRIEA Bolus

5376000

- (1) Killick. 1976. *FSA* 22: 132–134.

capensis Bolus

Perennial. Herb. Ht ± 0.13 m. Alt up to 3050 m. KZN, L, WC, EC

AIZOACEAE

Compiled by M.C. Makgakga

ACROSANTHES Eckl. & Zeyh. 2400000

- (1) Adamson. 1959. *Journal of South African Botany* 25: 23–28.
(2) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. vol. 13: 132.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae*, A–E: 25, 26.

anceps (Thunb.) Sond.

Aizoon fistulosum (Eckl. & Zeyh.) D.Dietr. (1)
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 425–610 m. NC, WC

angustifolia Eckl. & Zeyh.

Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt 365–1220 m. WC

humifusa (Thunb.) Sond.

Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 365–1370 m. N, WC

microphylla Adamson

Perennial. Dwarf shrub. Ht ± 0.3 m. Alt? WC

teretifolia Eckl. & Zeyh.

Aizoon teretifolium (Eckl. & Zeyh.) D.Dietr. (3)
Perennial. Dwarf shrub. Ht up to 0.8 m. Alt 155–610 m. WC

AIZOANTHEMUM Dinter ex Friedrich 2401010

- (1) Adamson. 1959. *Journal of South African Botany* 25: 44–47.
(2) Friedrich. 1966. *FSWA* 27: 11–13.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae*, A–E: 28, 29.

dinteri (Schinz) Friedrich

A. sphingis Dinter ex Friedrich (3)
A. stellatum Dinter ex Friedrich (2)
Aizoon dinteri Schinz (2)
Annual. Herb. Ht 0.2–0.4 m. Alt up to 1000 m. N

galenioides (Fenzl ex Sond.) Friedrich

Aizoon galenioides Fenzl ex Sond. (2)
Annual. Herb. Ht 0.15–0.2 m. Alt? N, WC

hispanicum L.

Aizoon hispanicum L. (3)
Aizoon hispanicum L. var. *genuinum* Maire (3)
Aizoon hispanicum L. var. *minus* Maire (3)
Aizoon sessiliflorum Moench (3)
Annual. Herb. Ht up to 0.25 m. Alt? WC

karooicum Compton

Perennial. Herb. Ht 0.05–0.2 m. Alt? WC

membrumconnectens Dinter ex Friedrich = **A. rehmannii**

rehmannii (Schinz) H.E.K.Hartmann

A. membrumconnectens Dinter ex Friedrich (3)
Annual. Herb. Ht 0.01–0.03 m. Alt? N

sphingis Dinter ex Friedrich = **A. dinteri**

stellatum Dinter ex Friedrich = **A. dinteri**

AIZOON L.

2401000

- (1) Adamson. 1959. *Journal of South African Botany* 25: 44–47.
(2) Friedrich. 1966. *FSWA* 27: 13–16.
(3) Smith *et al.* 1966. *Memoirs of the Botanical Survey of South Africa* No. 35: 557.
(4) Gonçalves. 1978. *FZ* 4,4: 509, 510.
(5) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae*, A–E: 30–33.

asbestinum Schltr.

A. burchellii N.E.Br. (2)
Perennial. Herb. Ht 0.02–0.08 m. Alt 580–1270 m. N, NC
burchellii N.E.Br. = **A. asbestinum**

canariense L.

A. canariense L. var. *denudatum* Sond. (5)
A. procumbens Crantz (1)
A. spathulatum Eckl. & Zeyh. (5)

Perennial. Herb. Ht up to 0.4 m. Alt 5–1200 m. N, LIM, S, FS, KZN, NC, WC, EC

canariense L. var. *denudatum* Sond. = **A. canariense**
contaminatum Eckl. & Zeyh. = **Galenia secunda**
dinteri Schinz = **Aizoanthemum dinteri**
elongatum Eckl. & Zeyh. = **Galenia secunda**
fistulosum (Eckl. & Zeyh.) D.Dietr. = **Acrosanthes anceps**
fruticosum G.Schellenb. in part = **A. schellenbergii**
fruticosum G.Schellenb. in part = **Galenia affinis**
fruticosum G.Schellenb. in part = **Galenia fruticosa**
galenioides Fenzl ex Sond. = **Aizoanthemum galenioides**
giessii Friedrich

Perennial. Herb. Ht up to 0.05 m. Alt? N

glabrum Luehm. ex Ewart = **Gunniopsis glabra**

glinoides L.f.

A. hirsutum Eckl. & Zeyh. (1)

Perennial. Herb, succulent. Ht 0.15–0.6 m. Alt 10–1465 m. WC, EC

herniariium Rchb. ex Steud. = **Galenia herniariaefolia**
heterophylla Fenzl ex Sond. = **Galenia pubescens** var. **pubescens**

hirsutum Eckl. & Zeyh. = **A. glinoides**

hispanicum L. = **Aizoanthemum hispanicum**

hispanicum L. var. *genuinum* Maire = **Aizoanthemum hispanicum**

hispanicum L. var. *minus* Maire = **Aizoanthemum hispanicum**

karooicum Compton

Perennial. Herb. Ht 0.05–0.2 m. Alt? WC

microphyllum Bartl. = **Galenia herniariaefolia**

paniculatum L.

A. rarum N.E.Br. (5)

A. stellatum Lam. (1)

A. tomentosum Lam. (1)

Perennial. Herb. Ht up to 0.5 m. Alt 25–700 m. WC

papulosum Eckl. & Zeyh. = **Galenia papulosa**

perfoliatum L.f. = **Tetragonia decumbens**

procumbens Crantz = **A. canariense**

propinquum Eckl. & Zeyh. = **Galenia secunda**

pubescens Eckl. & Zeyh. = **Galenia pubescens** var. **pubescens**

rarum N.E.Br. = **A. paniculatum**

rigidum L.f.

A. rigidum L.f. var. *angustifolium* Sond. (5)

A. rigidum L.f. var. *villosum* Adamson (5)

A. sericeum Fenzl ex Sond. (5)

Perennial. Herb. Ht ± 0.6 m. Alt 5–765 m. WC, EC

rigidum L.f. var. *angustifolium* Sond. = **A. rigidum**

rigidum L.f. var. *villosum* Adamson = **A. rigidum**

sarmentosum L.f.

A. sarmentosum L.f. var. *hirsutum* Eckl. & Zeyh. (5)

A. sarmentosum L.f. var. *strigosum* Eckl. & Zeyh. (5)

Perennial. Herb. Ht 0.1–0.15 m. Alt 5–765 m. NC, WC

sarmentosum L.f. var. *hirsutum* Eckl. & Zeyh. = **A. sarmentosum**

sarmentosum L.f. var. *strigosum* Eckl. & Zeyh. = **A. sarmentosum**

schellenbergii Adamson

A. fruticosum G.Schellenb. in part (3)

Perennial. Dwarf shrub. Ht 0.15–0.45 m. Alt 580–1900 m. N, B, NC

secundum L.f. = **Galenia secunda**

sericeum Fenzl ex Sond. = **A rigidum**

sessiliflorum Moench = **Aizoanthemum hispanicum**

spathulatum Eckl. & Zeyh. = **A. canariense**

stellatum Lam. = **A. paniculatum**

squamulosum Eckl. & Zeyh. = **Galenia squamulosa**

teretifolium (Eckl. & Zeyh.) D.Dietr. = **Acrosanthes teretifolia**

theurkauffii Maire = **Mesembryanthemum cryptanthum**

tomentosum Lam. = **A. paniculatum**

virgatum Welw. ex Oliv.

Annual, occ. perennial. Dwarf shrub. Ht 0.35–0.9 m. Alt 320–1800 m. N, B

zeyheri Sond.

Perennial. Herb. Ht ± 0.09 m. Alt? NC, WC

GALENIA L.

2399000

(1) Adamson. 1956. *Journal of South African Botany* 22: 87–127.

(2) Friedrich. 1966. *FSWA* 27: 47–55.

(3) Smith *et al.* 1966. *Memoirs of the Botanical Survey of South Africa* No. 35: 558.

(4) Bittrich. 1990. *Bothalia* 20: 217–219.

(5) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae*, F-Z: 28–34.

aizoides Fenzl ex Sond. = **G. secunda**

acutifolia Adamson

Perennial. Herb. Ht ± 0.18 m. Alt? FS, WC

affinis Sond.

Aizoon fruticosum G.Schellenb. in part (5)

Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 170–1372 m. LIM, NC, WC

africana L.

G. africana L. var. *halimifolia* Fenzl ex Sond. (5)

G. africana L. var. *pentandra* Hiern (5)

G. africana L. var. *secundata* Adamson (5)

G. linearis Thunb. (5)

G. namaensis of author, not of Schinz, misapplied name (2)

G. tenuifolia Salisb. (5)

Perennial. Shrub. Ht 0.5–1.5 m. Alt? N, FS, NC, WC, EC

africana L. var. *halimifolia* Fenzl ex Sond. = **G. africana**

africana L. var. *pentandra* Hiern = **G. africana**

africana L. var. *secundata* Adamson = **G. africana**

collina (Eckl. & Zeyh.) Walp.

G. humifusa Fenzl ex Sond. (5)

Perennial. Dwarf shrub. Ht 0.5–1.5 m. Alt 130–1021 m. B, NC, WC

collina (Eckl. & Zeyh.) Walp. var. *meziana* (K.Müll.) Adamson = **G. meziana**

collina of author, not of (Eckl. & Zeyh.) Walp., misapplied name = **G. meziana**

contaminata Eckl. & Zeyh. = **G. secunda**

crystallina (Eckl. & Zeyh.) Fenzl var. **crystallina**

Perennial. Dwarf shrub. Ht 0.15–0.7 m. Alt 2–915 m. N, NC, WC

crystallina (Eckl. & Zeyh.) Fenzl var. **maritima** Adamson

G. namaquensis G.Schellenb. & Schltr. (5)

Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? WC

cymosa Adamson

Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt? NC, WC

dinteri G.Schellenb. = **G. meziana**

dregeana Fenzl ex Sond.

Perennial. Dwarf shrub. Ht up to 0.45 m. Alt? N, NC
ecklonis Walp.
G. glauca Sond. (3)
 Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt up to 85 m. WC
elongata Eckl. & Zeyh. = **G. secunda**
exigua Adamson
 Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt? FS, NC
fallax Pax = **G. fruticosa**
filiformis (Thunb.) N.E.Br.
 Perennial. Dwarf shrub. Ht 0.2–0.8 m. Alt 60–800 m.
 NC, WC
fruticosa (L.f.) Sond.
Aizoon fruticosum G.Schellenb. in part (5)
G. fallax Pax (5)
G. fruticosa (L.f.) Sond. var. *prostrata* Adamson (5)
G. salsoloides Fenzl ex Sond. (5)
G. sericea Fenzl ex Sond. (5)
 Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 85–1524 m.
 N, NC, WC, EC
fruticosa (L.f.) Sond. var. *prostrata* Adamson = **G. fruticosa**
glandulifera Bittrich
 Perennial. Dwarf shrub. Ht ± 0.2 m. Alt? NC, WC
glauca Sond. = **G. ecklonis**
hemisphaerica Adamson
 Perennial. Dwarf shrub. Ht 0.2–0.25 m. Alt? N, NC
herniariaefolia (C.Presl.) Fenzl
Aizoon herniarium Rchb. ex Steud. (5)
Aizoon microphyllum Bartl. (5)
 Perennial. Dwarf shrub. Ht 0.1–0.75 m. Alt 5–185 m.
 WC, EC
heterophylla Fenzl ex Sond. = **G. pubescens** var. **pubescens**
hispidissima Fenzl
 Perennial. Dwarf shrub, herb. Ht 0.1–0.2 m. Alt? WC
humifusa Fenzl ex Sond. = **G. collina**
leuoclada G.Schellenb. & Schltr. = **G. pruinosa**
leucodermis Dinter = **G. pruinosa**
linearis Thunb. = **G. africana**
meziana K.Müll.
G. collina (Eckl. & Zeyh.) Walp. var. *meziana* (K.Müll.) Adamson (2)
G. collina of author, not of (Eckl. & Zeyh.) Walp., misapplied name (2)
G. dinteri G.Schellenb. (5)
G. steingroeveri Engl. (5)
 Perennial. Dwarf shrub. Ht 0.01–0.02 m. Alt up to 270 m.
 N, NC, WC, EC
namaensis Schinz
 Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? N, FS, NC
namaensis of author, not of Schinz, misapplied name = **G. africana**
namaquensis G.Schellenb. & Schltr. = **G. crystallina** var. **crystallina**
pallens (Eckl. & Zeyh.) Walp.
G. pubescens (Eckl. & Zeyh.) Druce var. *pallens* Adamson (5)
 Perennial. Dwarf shrub. Ht ± 0.15 m. Alt up to 137 m. EC
papulosa (Eckl. & Zeyh.) Sond.
Aizoon papulosum Eckl. & Zeyh. (5)
G. papulosa (Eckl. & Zeyh.) Sond. var. *microphylla* Adamson (2)
G. papulosa (Eckl. & Zeyh.) Sond. var. *tristyla* Kuntze (5)
 Perennial. Herb. Ht 0.1–0.8 m. Alt 30–1435 m. N, NC,
 WC, EC
papulosa (Eckl. & Zeyh.) Sond. var. *microphylla* Adamson
 = **G. papulosa**

papulosa (Eckl. & Zeyh.) Sond. var. *tristyla* Kuntze = **G. papulosa**
portulacacea Fenzl
 Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt? NW, FS, NC
procumbens L.f.
 Perennial. Dwarf shrub. Ht 0.3–1 m. Alt up to 1585 m. B,
 NW, FS, NC, WC, EC
prostrata G.Schellenb.
 Perennial. Dwarf shrub. Ht 0.5–0.8 m. Alt up to 1890 m.
 NW, FS, NC, EC
pruinosa Sond.
G. leuoclada G.Schellenb. & Schltr. (5)
G. leucodermis Dinter (5)
 Perennial. Dwarf shrub. Ht 0.15–0.55 m. Alt 120–740 m.
 N, NC
pubescens (Eckl. & Zeyh.) Druce var. *cerosa* Adamson
 = **G. pubescens** var. **pubescens**
pubescens (Eckl. & Zeyh.) Druce var. *fourcadei* Adamson
 = **G. pubescens** var. **pubescens**
pubescens (Eckl. & Zeyh.) Druce var. *lignosa* Adamson = **G. pubescens** var. **pubescens**
pubescens (Eckl. & Zeyh.) Druce var. *pallens* Adamson = **G. pallens**
pubescens (Eckl. & Zeyh.) Druce var. **pubescens**
Aizoon heterophylla Fenzl ex Sond. (5)
Aizoon pubescens Eckl. & Zeyh. (5)
G. heterophylla Fenzl ex Sond. (5)
G. spatulata Fenzl. ex Sond. (5)
G. pubescens (Eckl. & Zeyh.) Druce var. *cerosa* Adamson (5)
G. pubescens (Eckl. & Zeyh.) Druce var. *fourcadei* Adamson (5)
G. pubescens (Eckl. & Zeyh.) Druce var. *lignosa* Adamson (5)
 Perennial. Dwarf shrub. Ht 0.03–1.5 m. Alt 15–1830 m.
 NW, FS, NC, WC, EC
rigida Adamson
 Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt? NC, WC
salsoloides Fenzl ex Sond. = **G. fruticosa**
sarcophylla Fenzl
 Perennial. Dwarf shrub, herb. Ht 0.05–0.3 m. Alt 40–1435
 m. N, FS, NC, WC, EC
secunda (L.f.) Sond.
Aizoon contaminatum Eckl. & Zeyh. (5)
Aizoon elongatum Eckl. & Zeyh. (5)
Aizoon propinquum Eckl. & Zeyh. (5)
Aizoon secundum L.f. (5)
G. aizoides Fenzl ex Sond. (5)
G. contaminata Eckl. & Zeyh. (5)
G. elongata Eckl. & Zeyh. (5)
G. secunda (L.f.) Sond. var. *strigulosa* Sond. (5)
 Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 10–1310 m. N,
 B, NW, FS, NC, WC, EC
secunda (L.f.) Sond. var. *strigulosa* Sond. = **G. secunda**
sericea Fenzl. ex Sond. = **G. fruticosa**
spatulata Fenzl. ex Sond. = **G. pubescens** var. **pubescens**
squamulosa (Eckl. & Zeyh.) Fenzl
Aizoon squamulosum Eckl. & Zeyh. (5)
 Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt up to 400 m. NC
steingroeveri Engl. = **G. meziana**
subcarnosa Adamson
 Perennial. Herb. Ht ± 0.14 m. Alt? NC, EC
tenuifolia Salisb. = **G. africana**

PLINTHUS Fenzl 2398000

- (1) Verdoorn. 1941. *Bothalia* 4: 177–179.
- (2) Adamson. 1961. *Journal of South African Botany* 27: 147–151.
- (3) Hartmann. 2001. *Illustrated handbook of succulent plants*. Aizoaceae, F–Z: 221, 222.

cryptocarpus Fenzl

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 900–1160 m. N, B, NC

karooicus I. Verd.

P. karooicus I. Verd. var. *alternifolia* Adamson (3)
Perennial. Dwarf shrub. Ht 0.02–0.3 m. Alt up to 1524 m. N, B, NW, FS, EC

karooicus I. Verd. var. *alternifolia* Adamson = **P. karooicus**

laxifolius I. Verd. = **P. sericeus**

psammophilus Dinter & Adamson = **P. rehmannii**

rehmannii G. Schellenb.

P. psammophilus Dinter & Adamson (3)
Perennial. Dwarf shrub. Ht ± 0.24 m. Alt up to 610 m. LIM

sericeus Pax

P. laxifolius I. Verd. (3)
Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 370–1900 m. N, B, NW, FS, NC

SESUVIUM L.

2394000

- (1) Adamson. 1962. *Journal of South African Botany* 28: 244–246.
- (2) Gonçalves. 1965. *Garcia de Orto* 13: 381.
- (3) Gonçalves. 1970. *Conspectus florum angolensis* 4: 322–327.
- (4) Gonçalves. 1978. *FZ* 4,4: 514–516.
- (5) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 296–301.

crystallinum Welw. ex Oliv. = **S. mesembryanthemoides**

digynum Welw. ex Oliv. var. *angustifolia* Schinz = **S. sesuvioides** var. *angustifolia*

hydaspicum (Edgew.) Gonç.

Annual. Herb. Ht up to 0.5 m. Alt up to 1100 m. B

mesembryanthemoides Wawra & Peyritsch

S. crystallinum Welw. ex Oliv. (5)
Perennial. Subshrub. Ht 0.006–0.015 m. Alt? N

nyasicum (Baker) Gonç.

Perennial. Herb. Ht up to 0.009 m. Alt? B

pedunculatum Pers. = **S. portulacastrum**

portulaca Crantz = **S. portulacastrum**

portulacastrum (L.) L.

S. pedunculatum Pers. (5)
S. portulaca Crantz (5)
S. portulacastrum (L.) L. var. *griseum* O. Deg. & Fosberg (5)
S. repens Willd. (5)
Perennial. Herb. Ht 0.03–0.08 m. Alt? N

portulacastrum (L.) L. var. *griseum* O. Deg. & Fosberg = **S. portulacastrum**

quadrifidum = **Gunnioopsis quadrifida**

repens Willd. = **S. portulacastrum**

sesuvioides (Fenzl) Verdc. var. *angustifolium* (Schinz) Gonç.

S. digynum Welw. ex Oliv. var. *angustifolia* Schinz (5)
Annual. Herb. Ht up to 0.5 m. Alt? N

sesuvioides (Fenzl) Verdc. var. *sesuvioides*

Annual. Herb. Ht up to 0.5 m. Alt 100–700 m. N, LIM, NW, G, NC

TETRAGONIA L.

2403000

- (1) Adamson. 1955. *Journal of the South African Botany* 21,3: 109–149.
- (2) Jeffrey. 1961. *FTEA Aizoaceae*: 32–34.
- (3) Friedrich. 1967. *FSWA* 28: 1–6.
- (4) Gonçalves. 1970. *Conspectus florum angolensis*. 4: 33.
- (5) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 316–328.

acanthocarpa Adamson

Annual. Herb. Ht 0.1–0.5 m. Alt up to 610 m. FS, KZN, NC

arbuscula Fenzl

Perennial. Dwarf shrub. Ht 0.25–0.6 m. Alt 30–2380 m. N, FS, NC, WC, EC

arbusculoides Engl. = **T. reduplicata**

caesia Adamson

Perennial. Herb. Ht up to 0.4 m. Alt? WC

calycina Fenzl

T. karasmontana Dinter ex Adamson (3)
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 80–1220 m. N, B, NW, FS, NC, WC

chenopodioides Eckl. & Zeyh. emended Fenzl

T. macrostylis Schltr. (5)
Perennial. Herb. Ht up to 0.4 m. Alt up to 45 m. WC, EC

cynocrambe Dinter = **T. microptera**

decumbens Mill.

Aizoon perfoliatum L. f. (5)
T. obovata Haw. (5)
T. perfoliata (L. f.) Druce. (5)
T. tetrapteris Haw. (5)
T. zeyheri Fenzl. (5)
Perennial. Herb. Ht ± 0.5 m. Alt 2–700 m. N, NC, WC, EC

distorta Fenzl

Perennial. Dwarf shrub. Ht 0.5–1 m. Alt? NC

echinata Aiton

Annual. Herb. Ht up to 0.4 m. Alt 30–765 m. NC, WC, EC

erecta Adamson

Perennial. Dwarf shrub. Ht 0.1–0.15 m. Alt? WC

expansa Murray = **T. tetragonoides**

fruticosa L.

Perennial. Dwarf shrub. Ht up to 0.2 m. Alt 1–1100 m. N

glauca Fenzl

Perennial. Dwarf shrub. Ht 0.5–0.8 m. Alt 230–914 m. N, NC, WC

haworthii Fenzl

Perennial. Dwarf shrub. Ht 0.1–0.8 m. Alt up to 900 m. NC, WC

herbacea L.

Perennial. Herb. Ht up to 0.5 m. Alt ± 155 m. WC

hirsuta L. f.

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 30–700 m. NC, WC

karasmontana Dinter ex Adamson = **T. calycina**

lasiantha Adamson

Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? WC

macroptera Pax

T. cynocrambe Dinter (5)
Perennial. Shrub. Ht up to 0.6 m. Alt? N, NW, NC, WC

macrostylis Schltr. = **T. chenopodioides**

microptera Fenzl

T. cynocrambe Dinter (2)
T. microptera Fenzl var. *monosperma* Fenzl (5)
T. microptera Fenzl var. *platycarpa* Adamson (5)
T. microptera Fenzl var. *trisperma* Fenzl (5)
Annual. Herb. Ht up to 0.5 m. Alt 580–1042 m. N, NC, WC

microptera Fenzl var. *monosperma* Fenzl = **T. microptera**

microptera Fenzl var. *platycarpa* Adamson = **T. microptera**

microptera Fenzl var. *trisperma* Fenzl = **T. microptera**

namaquensis Schltr.

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 5–640 m. NC, WC

nigrescens Eckl. & Zeyh.

T. nigrescens Fenzl var. *hirsuta* Fenzl (5)

T. nigrescens Fenzl var. *hirta* Fenzl (5)

T. nigrescens Fenzl var. *pruinosa* Fenzl (5)

T. nigrescens Fenzl var. *maritima* Sond. (5)

Perennial. Herb. Ht up to 0.5 m. Alt 76–700 m. NC, WC

nigrescens Fenzl var. *hirsuta* Fenzl = **T. nigrescens**

nigrescens Fenzl var. *hirta* Fenzl = **T. nigrescens**

nigrescens Fenzl var. *pruinosa* Fenzl = **T. nigrescens**

nigrescens Fenzl var. *maritima* Sond. = **T. nigrescens**

obovata Haw = **T. decumbens**

perfoliata (L.f.) Druce = **T. decumbens**

pillansii Adamson

Annual. Herb. Ht 0.06–0.1 m. Alt up to 155 m. NC, WC

portulacoides Fenzl

Perennial. Herb. Ht? Alt 50–820 m. WC

psiloptera Fenzl = **T. robusta** var. **psiloptera**

quadricornis Stokes = **T. tetragonoides**

rangeana Engl.

Perennial. Dwarf shrub. Ht 0.1–0.7 m. Alt? N

reduplicata Welw. ex Oliv.

T. arbusculoides Engl. (3)

Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 400–1705 m. N, NC, WC

robusta Fenzl var. **psiloptera** (Fenzl) Adamson

T. psiloptera Fenzl (6)

Perennial. Dwarf shrub. Ht 0.5–1 m. Alt? WC

robusta Fenzl var. **robusta**

Perennial. Dwarf shrub. Ht 0.1–1 m. Alt 5–1035 m. NW, L, WC, EC

rosea Schltr.

Perennial. Herb. Ht up to 0.6 m. Alt 90–914 m. NC, WC

saligna Fenzl

T. saligna Fenzl var. *extrusa* Adamson (6)

T. saligna Fenzl var. *latifolia* Adamson (6)

Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt up to 215 m. NC, WC

saligna Fenzl var. *extrusa* Adamson = **T. saligna**

saligna Fenzl var. *latifolia* Adamson = **T. saligna**

sarcophylla Fenzl var. **sarcophylla**

Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 75–600 m. NC, WC

sarcophylla Fenzl var. **saxatilis** (E. Phillips) Adamson

Perennial. Dwarf shrub. Ht 0.15–0.45 m. Alt? NC, WC

schenckii (Schinz) Engl.

Perennial. Shrub. Ht 0.5–2 m. Alt 750–1500 m. N

sphaerocarpa Adamson

Perennial. Herb. Ht up to 0.45 m. Alt? WC

spicata L.f. var. **laxa** Adamson

Perennial. Dwarf shrub. Ht 0.9–1 m. Alt 600–920 m. NW, NC, WC

spicata L.f. var. **spicata**

Perennial. Dwarf shrub. Ht 0.25–1 m. Alt 40–1500 m. N, B, FS, NC, WC

tetragonoides (Pall.) Kuntze

T. expansa Murray (2)

T. quadricornis Stokes (5)

Annual. Herb. Ht 0.01–0.02 m. Alt up to 500 m. KZN

tetrapteris Haw. = **T. decumbens**

verrucosa Fenzl

Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 30–900 m. N, NC, WC

virgata Schltr.

Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 75–1130 m. LIM, WC

zeyheri Fenzl = **T. decumbens**

TRIANTHEMA L.

2395000

(1) Adamson. 1962. *Journal of South African Botany* 28: 246–252.

(2) Friedrich 1966. *FSWA* 27: 131–133.

(3) Gonçalves. 1978. *FZ* 4,4: 516–520.

(4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 89.

hereroensis Schinz

Annual. Herb. Ht ± 0.5 m. Alt 450–1220 m. N

parvifolia E.Mey. ex Sond. var. **parvifolia**

T. triquetra Rottler ex Willd. subsp. *parvifolia* (Sond.) Jeffrey (3)

Annual. Herb. Ht up to 0.4 m. Alt 350–1340 m. N, B, LIM, FS, NC, WC

parvifolia E.Mey. ex Sond. var. **rubens** (Sond.) Adamson

Annual. Herb. Ht up to 0.4 m. Alt? N, B, NC

pentandra L. = **Zaleya pentandra**

portulacastrum L.

Annual. Herb. Ht up to 0.5 m. Alt up to 575 m. M

salsoloides Fenzl ex Oliv. var. **salsoloides**

Annual. Herb. Ht up to 0.5 m. Alt 200–1420 m. N, B, LIM, NW, M, FS, NC

salsoloides Fenzl ex Oliv. var. **stenophylla** Adamson

Annual. Herb. Ht up to 0.5 m. Alt? B, LIM, NW, G, M, FS

salsoloides Fenzl ex Oliv. var. **transvaalensis** (Schinz) Adamson

Annual. Herb. Ht up to 0.5 m. Alt? B, NW, G, M, FS

triquetra Rottler ex Willd. subsp. *parvifolia* (Sond.) Jeffrey = **T. parvifolia** var. **parvifolia**

triquetra Rottler ex Willd. subsp. **triquetra** var. **triquetra**

Annual. Herb. Ht 0.2–0.6 m. Alt 270–915 m. N, B, LIM, M, FS

TRIBULOCARPUS S.Moore

2403010

(1) Adamson. 1955. *Journal of South African Botany* 21: 48, 49.

(2) Friedrich. 1967. *FSWA* 28: 6, 7.

dimorphanthus (Pax) S.Moore

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 300–1200 m. N, KZN

ZALEYA Burm.f.

2395010

(1) Jeffrey. 1960. *Kew Bulletin* 14: 237, 238.

(2) Adamson. 1962. *Journal of South African Botany* 28: 148, 149.

(3) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 162.

(4) Gonçalves. 1978. *FZ* 4,4: 520, 521.

pentandra (L.) Jeffrey

Trianthema pentandra L. (3)

Annual, occ. perennial. Herb. Ht ± 0.5 m. Alt 30–1250 m. N, B, LIM, NW, G, M, S, KZN, WC

AMARANTHACEAE

Compiled by M.C. Makgaka

- *ACHYRANTHES L.** 2328000
 (1) Podlech. 1966. *FSWA* 33: 3, 4.
 (2) Townsend. 1988. *FZ* 9,1: 105–109.
aquatica R.Br. = **Centrostachys aquatica**
argentea Lam. = **A. aspera** var. **sicula**
aspera L. var. **aspera**
A. aspera L. var. *obtusifolia* (Lam.) Suess. (1)
 Perennial. Herb. Ht 0.12–2 m. Alt 5–1785 m. N, B, LIM,
 NW, G, M, S, FS, KZN, L, NC, WC, EC
aspera L. var. *obtusifolia* (Lam.) Suess. = **A. aspera** var. **aspera**
aspera L. var. **pubescens** (Moq.) C.C.Townsend.
 Perennial. Herb. Ht 0.2–2 m. Alt 165–1460 m. B, KZN, NC
aspera L. var. **sicula** L.
A. argentea Lam. (2)
A. sicula (L.) All. (2)
 Perennial. Herb. Ht 0.2–1.8 m. Alt 5–1950 m. N, B, LIM,
 NW, G, M, S, FS, KZN, L, WC, EC
atropurpurea Lam. = **Pupalia lappacea** var. **lappacea**
avicularis E.Mey. ex Moq. = **Achyropsis avicularis**
carsonii Baker = **Pandiaka carsonii** var. **carsonii**
corymbosa L. = **Polycarpha corymbosa** var. **corymbosa**
cylindrica Bojer = **Cyathula cylindrica** var. **cylindrica**
lanata L. = **Aerva lanata**
lappacea L. = **Pupalia lappacea** var. **lappacea**
repens L. = **Alternanthera pungens**
sicula (L.) All. = **A. aspera** var. **sicula**
- ACHYROPSIS (Moq.) Hook. f.** 2328020
 (1) Cooke & Wright. 1912. *FC* 5,1: 429–431.
 (2) Townsend. 1980. *Kew Bulletin* 34: 431–433.
 (3) Townsend. 1988. *FZ* 9,1: 110–115.
avicularis (E.Mey. ex Moq.) T.Cooke & C.H.Wright
Achyranthes avicularis E.Mey. ex Moq. (1)
 Annual. Herb. Ht 0.45–1.8 m. Alt 15–1065 m. LIM, KZN
leptostachya (E.Mey. ex Meisn.) Baker & C.B.Clarke
 Perennial. Herb. Ht 0.15–0.6 m. Alt 5–1465 m. B, LIM,
 NW, G, M, S, KZN, EC
- AERVA Forssk.** 2317000
 (1) Cooke & Wright. 1912. *FC* 5,1: 425–427.
 (2) Engler & Prantl. 1934. *Die natürlichen Pflanzenfamilien* 16c: 50–52.
 (3) Townsend. 1988. *FZ* 9,1: 93–97.
ambigua Moq. = **A. leucura**
desertorum Engl. = **Arthroa leubnitziae**
javanica (Burm.f.) Juss. ex Schult. var. **javanica**
A. persica (Burm.f.) Merr. (3)
A. tomentosa Forssk. (3)
 Perennial. Herb. Ht 0.3–1.5 m. Alt 850–1100 m. B
lanata (L.) Juss. ex Schult.
Achyranthes lanata L. (2)
 Perennial. Herb. Ht 0.1–2 m. Alt 60–1097 m. G, KZN
leubnitziae Kuntze = **Arthroa leubnitziae**
leucura Moq.
A. ambigua Moq. (2)
 Perennial. Herb. Ht 0.5–1.2 m. Alt 152–1650 m. N, B,
 LIM, NW, G, M, S, FS, KZN, NC, EC
- pechuelii* Kuntze = **Calicorema capitata**
persica (Burm.f.) Merr. = **A. javanica** var. **javanica**
tomentosa Forssk. = **A. javanica** var. **javanica**
- *ALTERNANTHERA Forssk.** 2335000
 (1) Burt Davy. 1926. *A manual of the flowering plants and ferns of the Transvaal with Swaziland, South Africa* 1: 184, 185.
 (2) Engler & Prantl. 1934. *Die natürlichen Pflanzenfamilien* 16c: 71–77.
 (3) Podlech. 1966. *FSWA* 33: 5, 6.
 (4) Townsend. 1988. *FZ* 9,1: 124–130.
 (5) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 98, 99.
achyrantha R.Br. = **A. pungens**
caracasana Kunth
 Perennial. Herb. Ht ± 0.4 m. Alt up to 1363 m. LIM, G, FS
nodiflora R.Br.
A. sessilis L. var. *nodiflora* (R.Br.) Kuntze (2)
 Perennial. Herb. Ht up to 0.25 m. Alt 15–1500 m. N, B,
 G, S, FS, KZN, L
pungens Kunth
Achyranthes repens L. (3)
A. achyrantha R.Br. (1)
A. repens in sense of (L.) Link, not of J.F.Gmel. (3)
 Perennial. Herb. Ht ± 0.3 m. Alt 90–2000 m. N, B, G, S, FS,
 KZN
repens in sense of (L.) Link, not of J.F.Gmel. = **A. pungens**
sessilis (L.) DC.
Gomphrena sessilis L. (3)
 Perennial. Herb. Ht up to 0.3 m. Alt 5–1370 m. N, B, LIM,
 G, M, FS, KZN, NC
sessilis L. var. *nodiflora* (R.Br.) Kuntze = **A. nodiflora**
- AMARANTHUS L.** 2299000
 (1) Suessenguth. 1951. *Mitteilungen der Botanischen Staatssammlung München* 1: 143–145.
 (2) Brenan. 1961. *Watsonia* 4: 27.
 (3) Gusev. 1972. *Botanische Zurnal* 57: 462.
 (4) Brenan. 1981. *Journal of South African Botany* 47,3: 451–492.
 (5) Townsend. 1988. *FZ* 9,1: 45–60.
angustifolius in sense of Adamson, misapplied name = **A. praetermissus**
blitoides S.Watson
 Annual. Herb. Ht 0.15–0.5 m. Alt? NC
blitum in sense of T.Cooke & C.H.Wright in part, as for specimen *Galpin 2015*, not of L., misapplied name = **A. capensis** subsp. **capensis**
blitum in sense of T.Cooke & C.H.Wright in part, as for specimen *Zeyher 1438*, not of L., misapplied name = **A. schinzianus**
capensis Thell. subsp. **capensis**
A. blitum in sense of T.Cooke & C.H.Wright in part, as for specimen *Galpin 2015*, not of L., misapplied name (4)
 Annual. Herb. Ht ± 0.02 m. Alt 425–1935 m. M, NC, EC
capensis Thell. subsp. **uncinatus** (Thell.) Brenan
A. dinteri Schinz var. *uncinatus* Thell. (4)
 Annual. Herb. Ht ± 0.03 m. Alt? FS
***caudatus** L.
 Annual. Herb. Ht? Alt? Distr.?
cruentus L. = **A. hybridus** subsp. **cruentus**

***deflexus** L.

A. viridis in sense of T.Cooke & C.H.Wright, not of L., misapplied name (4)
Perennial. Herb. Ht 0.1–0.9 m. Alt 5–1280 m. N, G, FS,
L, WC, EC

dinteri Schinz subsp. **brevipetiolatus** Brenan

Annual. Herb. Ht 1–4 m. Alt? FS

dinteri Schinz subsp. **dinteri** var. **a**

Annual. Herb. Ht up to 0.05 m. Alt 546–1370 m. N, B,
NW, M, FS, NC, WC, EC

dinteri Schinz subsp. **dinteri** var. **b**

Annual. Herb. Ht up to 0.05 m. Alt up to 1700 m. N, NC

dinteri Schinz var. *uncinatus* Thell. = **A. capensis** subsp.
uncinatus

***dubius** Mart. ex Thell.

Annual. Herb. Ht 0.15–0.9 m. Alt up to 20 m. KZN

gracilis Desf. = **A. viridis**

***hybridus** L. subsp. **cruentus** (L.) Thell.

A. cruentus L. (4)
Annual. Herb. Ht 0.3–1.82 m. Alt 650–1635 m. LIM, NW,
G, M, FS, KZN

***hybridus** L. subsp. **hybridus** var. **erythrostachys** Moq.

Annual. Herb. Ht 0.6–2 m. Alt up to 1355 m. LIM, G, M,
S, KZN, EC

***hybridus** L. subsp. **hybridus** var. **hybridus**

A. paniculatus in sense of T.Cooke & C.H.Wright, misapplied name (4)
A. powellii S.Watson (4)
Annual. Herb. Ht 0.15–4.36 m. Alt 5–2550 m. N, B, LIM,
NW, G, M, S, FS, KZN, L, NC, WC, EC

***lividus** L. subsp. **polygonoides** (Moq.) Probst (insufficiently known)

Euxolus viridis (L.) Moq. var. *polygonoides* Moq. (4)
Annual. Herb. Ht? Alt? KZN, 'CP'

***muricatus** (Moq.) Hieron.

Euxolus muricatus Moq. (4)
Perennial. Herb. Ht 0.15–0.2 m. Alt up to 300 m. G, WC
paniculatus in sense of T.Cooke & C.H.Wright, misapplied
name = **A. hybridus** subsp. **hybridus** var. **hybridus**

powellii S.Watson = **A. hybridus** subsp. **hybridus** var. **hybridus**
praetermissus Brenan

A. angustifolius in sense of Adamson, misapplied name (4)
A. schinzianus in sense of Suess. & Podlech, misapplied name (4)
A. thunbergii in sense of Suess. & Podlech, misapplied name (4)
Annual. Herb. Ht 0.15–1 m. Alt 350–975 m. N, B, LIM,
M, FS, NC

***retroflexus** L. var. **delilei** (Richter & Lorent) Thell.

Annual. Herb. Ht 0.15–1 m. Alt? KZN

***retroflexus** L. var. **retroflexus**

Annual. Herb. Ht 0.15–1 m. Alt? KZN

schinzianus in sense of Suess. & Podlech, misapplied name
= **A. praetermissus**

schinzianus Thell.

A. blitum in sense of T.Cooke & C.H.Wright in part, as for specimen
Zeyher 1438, not of L., misapplied name (4)
Annual. Herb. Ht 0.03–0.5 m. Alt 600–940 m. N, B,
FS, NC, WC

***spinus** L.

Annual. Herb. Ht 0.45–1.5 m. Alt 5–1365 m. N, B, LIM,
NW, G, M, S, KZN

***standleyanus** Parodi ex Covas

A. vulgatissimus in sense of Thell., not of Speg., misapplied name (4)
Annual. Herb. Ht 0.2–0.7 m. Alt? FS

thunbergii Moq.

Annual. Herb. Ht 0.3–1 m. Alt 1–2685 m. N, B, LIM, NW,
G, M, S, FS, KZN, L, NC, WC, EC

thunbergii in sense of Suess. & Podlech, misapplied name
= **A. praetermissus**

***viridis** L.

A. gracilis Desf. (4)
Perennial. Herb. Ht 0.1–0.75 m. Alt 5–1330 m. G, M, FS,
WC, EC

viridis in sense of T.Cooke & C.H.Wright, not of L., misapplied
name = **A. deflexus**

vulgatissimus in sense of Thell., not of Speg., misapplied
name = **A. standleyanus**

ARTHRAERUA (Kuntze) Schinz 2320000

(1) Podlech. 1966. *FSWA* 33: 9.

leubnitziae (Kuntze) Schinz

Aerva desertorum Engl. (1)
Aerva leubnitziae Kuntze (1)
Perennial. Shrub, dwarf shrub. Ht 0.4–1.2 m. Alt 50–160 m. N

BERZELIA Mart. 2293010

glauca (Wendl.) Mart. = **Hermbstaedtia glauca**

BRAYULINEA Small 2330000

densa (Willd.) Small = **Guilleminea densa**

CALICOREMA Hook.f. 2325000

(1) Podlech. 1966. *FSWA* 33: 10.

capitata (Moq.) Hook.f.

Aerva pechuelii Kuntze (1)
Sericocoma capitata Moq. (1)
Perennial. Shrub, dwarf shrub. Ht 0.15–2 m. Alt 400–1500 m.
N, NC

squarrosa (Schinz) Schinz

Sericocoma squarrosa Schinz (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–3 m. Alt 440–2257 m.
N, NC

CELOSIA L. 2292000

(1) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1236.
(2) Townsend. 1975. *Hooker's Icones Plantarum* 38: 1–12.
(3) Townsend. 1988. *FZ* 9,1: 30–39.
(4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique
tropicale* 1: 100, 101.

***argentea** L. forma **argentea**

C. debilis S.Moore (2)
Annual. Herb. Ht 0.4–2 m. Alt? NW

argenteiformis (Schinz) Schinz = **Hermbstaedtia argentei-
formis**

debilis S.Moore = **C. argentea** forma **argentea**

digyna Suess. = **C. trigyna**

falcata Lopr. = **Hermbstaedtia linearis**

fleckii Schinz = **Hermbstaedtia fleckii**

glauca J.C.Wendl. = **Hermbstaedtia glauca**

humilis Suess. = **Hermbstaedtia fleckii**

intermedia Schinz = **Hermbstaedtia spathulifolia**

linearis (Schinz) Schinz = **Hermbstaedtia linearis**

longistyla (C.B.Clarke) Suess. = **Hermbstaedtia argentei-
formis**

namaensis Schinz = **Hermbstaedtia fleckii**

odorata Burch. = **Hermbstaedtia odorata** var. **odorata**

recurva Burch. = **Hermbstaedtia odorata** var. **odorata**
scabra (Schinz) Schinz = **Hermbstaedtia scabra**
schaeferi Schinz = **Hermbstaedtia schaeferi**
schinzii (C.B. Clarke) Suess. = **Hermbstaedtia linearis**
spathulifolia Engl. = **Hermbstaedtia spathulifolia**

trigyna L.*C. digyna* Suess. (2)*C. trigyna* L. var. *longistyla* Suess. incl. subvar. *convexa* Suess. and *filamentosa* Suess. (2)*C. triloba* E.Mey. ex Meisn. (2)

Annual. Herb. Ht 0.3–1.2 m. Alt 0–1000 m. N, B, LIM, M, S, KZN, EC

trigyna L. var. *longistyla* Suess. incl. subvar. *convexa* Suess. and *filamentosa* Suess. = **C. trigyna***triloba* E.Mey. ex Meisn. = **C. trigyna****CENTEMA** Hook. f. 2311000(1) Cooke & Wright. 1912. *FC* 5,1: 418, 419.(2) Townsend. 1988. *FZ* 9,1: 70–72.*cruciata* Schinz = **Kyphocarpa cruciata****subfusca** (Moq.) T. Cooke*Pupalia subfusca* Moq. (1)

Perennial. Herb. Ht 0.15–0.6 m. Alt 25–185 m. LIM, S, KZN

CENTROSTACHYS Wall. 2328030(1) Townsend. 1988. *FZ* 9,1: 109, 110.**aquatica** (R.Br.) Wall. ex Moq.*Achyranthes aquatica* R.Br. (1)

Perennial. Herb. Ht 0.3–1.5 m. Alt? B

CYATHULA Blume 2312000(1) Cooke & Wright. 1912. *FC* 5,1: 419–422(2) Engler & Prantl. 1934. *Die natürlichen Pflanzenfamilien* 16c: 46, 47.(3) Suessenguth. 1951. *Mitteilungen der Botanischen Staatssammlung München* 1: 147.(4) Podlech. 1966. *FSWA* 33: 13–15.(5) Townsend. 1988. *FZ* 9,1: 79–87.*albida* Lopr. = **C. cylindrica** var. **cylindrica***angustifolia* Moq. = **Kyphocarpa angustifolia***crispa* Schinz = **C. lanceolata****cylindrica** Moq. var. **cylindrica***Achyranthes cylindrica* Bojer (2)*C. albida* Lopr. (5)*Pupalia alopecurus* Fenzl ex Drège (1)

Perennial. Herb. Ht 0.3–2 m. Alt 225–2210 m. N, LIM, NW, G, M, S, FS, KZN, L

deserti (N.E.Br.) Suess. = **C. lanceolata***globulifera* Moq. = **C. uncinulata***hereroensis* Schinz = **C. lanceolata****lanceolata** Schinz*C. crispa* Schinz (5)*C. deserti* (N.E.Br.) Suess. (4)*C. hereroensis* Schinz (5)*C. lanceolata* Schinz var. *scabrifolia* Schinz (4)*Pandiaka lanceolata* (Schinz) C.B. Clarke (4)

Perennial. Herb. Ht 0.15–0.9 m. Alt 275–1385 m. N, B, LIM, FS

lanceolata Schinz var. *scabrifolia* Schinz = **C. lanceolata****natalensis** Sond.*C. spathulata* Schinz (2)*C. spathulifolia* Lopr. (2)*Pupalia natalensis* Sond. (1)

Perennial. Herb. Ht 0.6–1.4 m. Alt up to 1100 m. LIM, KZN

orthacantha (Hochst. ex Asch.) Schinz*Pupalia orthacantha* Hochst. ex Asch. (4)

Annual. Herb. Ht 0.3–1.5 m. Alt 795–1310 m. N, B, LIM

spathulata Schinz = **C. natalensis***spathulifolia* Lopr. = **C. natalensis****strigosa** Suess.

Perennial. Herb. Ht 0.4–0.5 m. Alt? N

uncinulata (Schrad.) Schinz*C. globulifera* Moq. (2)*Desmochaeta uncinulata* Hiern (1)

Perennial. Herb, climber. Ht 0.3–3 m. Alt 80–2200 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

DESMOCHAETA DC. 2314010*atropurpurea* DC. = **Pupalia lappacea** var. **lappacea***uncinulata* Hiern = **Cyathula uncinulata****EUXOLUS** Raf. 2299000*muricatus* Moq. = **Amaranthus muricatus***viridus* (L.) Moq. var. *polygonoides* Moq. = **Amaranthus****lividus** L. subsp. **polygonoides*****GOMPHRENA** L. 2338000(1) Burtt Davy. 1926. *A manual of the flowering plants and ferns of the Transvaal with Swaziland, South Africa* 1: 185.(2) Podlech. 1966. *FSWA* 33: 15, 16.(3) Townsend. 1988. *FZ* 9,1: 130–133.**celosioides** Mart.*G. celosioides* Mart. forma *villosa* Suess. (2)*G. decumbens* Jacq. (1)

Perennial. Herb. Ht 0.07–0.35 m. Alt 5–1830 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC

celosioides Mart. forma *villosa* Suess. = **G. celosioides***decumbens* Jacq. = **G. celosioides****globosa** L.

Annual. Herb. Ht 0.15–0.6 m. Alt up to 90 m. G, M

sessilis L. = **Alternanthera sessilis*****GUILLEMINEA** Kunth 2330010(1) Townsend. 1988. *FZ* 9,1: 122–124.(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 102.**densa** (Willd. ex Roem. & Schult.) Moq.*Brayulinea densa* (Willd.) Small (1)*Illecebrum densum* Willd. ex Roem. & Schult. (1)

Perennial. Herb. Ht ± 0.3 m. Alt 95–1800 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

HERMBSTAEDTIA Rchb. 2293000(1) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1236.(2) Meeuse. 1961. *Kirkia* 2: 162–171.(3) Townsend. 1982. *Kew Bulletin* 37,1: 82–90.(4) Townsend. 1988. *FZ* 9,1: 39–45.**angolensis** C.B. Clarke

Annual. Herb. Ht 0.2–0.75 m. Alt? N

argenteiformis Schinz*Celosia argenteiformis* (Schinz) Schinz (3)*Celosia longistyla* (C.B. Clarke) Suess. (3)

Annual. Herb. Ht 0.22–0.6 m. Alt 200–2000 m. N

caffra (Meisn.) Moq.

Perennial. Herb. Ht 0.35–0.65 m. Alt 0–300 m. KZN

capitata Schinz

Annual. Herb. Ht 0.08–0.14 m. Alt? LIM

damarensis C.B.Clarke = **H. odorata** var. **odorata**

elegans Moq. = **H. odorata** var. **odorata**

elegans Moq. var. *aurantiaca* Suess. = **H. odorata** var. **aurantiaca**

fleckii (Schinz) Baker & C.B.Clarke

Celosia fleckii Schinz (3)

Celosia humilis Suess. (3)

Celosia namaensis Schinz (3)

Annual. Herb. Ht 0.15–0.6 m. Alt up to 915 m. N, B, LIM, NW, NC

glauca (J.C.Wendl.) Rchb. ex Steud.

Berzelia glauca (J.C.Wendl.) Mart. (3)

Celosia glauca J.C.Wendl. (3)

Perennial. Shrub. Ht 0.4–2 m. Alt 200–1100 m. N, NC

laxiflora Lopr. = **H. odorata** var. **odorata**

linearis Schinz

Celosia falcata Lopr. (3)

Celosia linearis (Schinz) Schinz (3)

Celosia schinzii (C.B.Clarke) Suess. (3)

H. schinzii C.B.Clarke (3)

Annual. Herb. Ht 0.08–0.35 m. Alt 30–1800 m. N, B

odorata (Burch.) T.Cooke var. **albi-rosea** Suess.

Perennial. Herb. Ht 0.25–0.6 m. Alt? N, B, LIM, NW

odorata (Burch.) T.Cooke var. **aurantiaca** (Suess.) C.C.Towns.

H. elegans Moq. var. *aurantiaca* Suess. (3)

Perennial. Herb. Ht 0.15–0.75 m. Alt 0–300 m. KZN

odorata (Burch.) T.Cooke var. **odorata**

Celosia odorata Burch. (3)

Celosia recurva Burch. (3)

H. damarensis C.B.Clarke (3)

H. elegans Moq. (2)

H. laxiflora Lopr. (2)

H. recurva (Burch.) C.B.Clarke (2)

H. rubromarginata C.H.Wright (2)

H. tetrastigma Suess. (2)

H. transvaalensis Gand., illegitimate name (2)

H. transvaalensis Lopr. (2)

Perennial. Herb. Ht 0.15–0.6 m. Alt 12–1650 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

ovata Dinter = **H. scabra**

recurva (Burch.) C.B.Clarke = **H. odorata** var. **odorata**

rogersii Burt Davy

Perennial. Herb. Ht 0.02–0.1 m. Alt? LIM

rubromarginata C.H.Wright = **H. odorata** var. **odorata**

scabra Schinz

Celosia scabra (Schinz) Schinz (3)

H. ovata Dinter (3)

Annual. Herb. Ht 0.3–1.1 m. Alt 45–945 m. N, B

schaeferi (Schinz) Schinz & Dinter

Celosia schaeferi Schinz (3)

Annual. Herb. Ht 0.2–0.6 m. Alt ?–1000 m. B, NC

schinzii C.B.Clarke = **H. linearis**

spathulifolia (Engl.) Baker

Celosia intermedia Schinz (2)

Celosia spathulifolia Engl. (3)

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 0–700 m. N

tetrastigma Suess. = **H. odorata** var. **odorata**

transvaalensis Gand. = **H. odorata** var. **odorata**

transvaalensis Lopr. = **H. odorata** var. **odorata**

ILLECEBRUM L. 2335010

densum Willd. ex Roem. & Schult. = **Guilleminea densa**

KYPHOCARPA (Fenzl) Lopr. 2309000

(1) Cooke & Wright. 1912. *FC* 5,1: 414–416.

(2) Schinz. 1912. *Vierteljahrsschrift der Naturforschenden Gesellschaft in Zürich* 57: 539.

(3) Podlech. 1966. *FSWA* 33: 17.

(4) Townsend. 1988. *FZ* 9,1: 62–64.

angustifolia (Moq.) Lopr.

Cyathula angustifolia Moq. (3)

K. zeyheri (Moq.) Lopr. (4)

Sericocoma angustifolia (Moq.) Hook.f. (1)

Sericocoma hereroensis Suess. & Beyerle (3)

Annual. Herb. Ht 0.15–0.7 m. Alt 45–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC

cruciata (Schinz) Schinz

Centema cruciata Schinz (2)

Annual. Herb. Ht 0.2–0.35 m. Alt 425–1310 m. N, B, LIM

quadrangula (Engl.) C.B.Clarke = **Nelsia quadrangula**

trichinoides (Fenzl) Lopr.

Sericocoma chrysurus Meisn. (1)

Sericocoma trichinoides Fenzl (1)

Trichinium chrysurus Meisn. ex Moq. (1)

Annual. Herb. Ht 0.35–0.6 m. Alt 5–55 m. KZN

zeyheri in sense of Lopr., misapplied name = **Sericocoma avolans**

zeyheri (Moq.) Lopr. = **K. angustifolia**

LEUCOSPHERA Gilg 2313000

(1) Podlech. 1966. *FSWA* 33: 17, 18.

(2) Townsend. 1988. *FZ* 9,1: 72–74.

bainesii (Hook.f.) Gilg

L. pfeilii Gilg (1)

Marcellia bainesii (Hook.f.) C.B.Clarke (1)

Sericocoma bainesii Hook.f. (1)

Sericocomopsis bainesii (Hook.f.) Schinz (1)

Perennial. Dwarf shrub. Ht 0.08–0.45 m. Alt 610–2000 m. N, B, LIM, NC

pfeilii Gilg = **L. bainesii**

MARCELLIA Baill. 2308010

bainesii (Hook.f.) C.B.Clarke = **Leucosphaera bainesii**

denudata (Hook.f.) Lopr. = **Marcelliopsis denudata**

dinteri Schinz = **Marcelliopsis denudata**

sericea (Schinz) C.B.Clarke = **Sericorema sericea**

splendens Schinz = **Marcelliopsis splendens**

welwitschii (Hook.f.) Lopr. = **Marcelliopsis welwitschii**

MARCELLIOPSIS Schinz 2308000

(1) Podlech. 1966. *FSWA* 33: 18, 19.

denudata (Hook.f.) Schinz

Marcellia denudata (Hook.f.) Lopr. (1)

Marcellia dinteri Schinz (1)

Sericocoma denudata Hook.f. (1)

Perennial. Shrub. Ht 0.7–1.5 m. Alt 700–1200 m. N

splendens (Schinz) Schinz

Marcellia splendens Schinz (1)

Perennial. Dwarf shrub. Ht 0.45–0.8 m. Alt? N

welwitschii (Hook.f.) Schinz

Marcellia welwitschii (Hook.f.) Lopr. (1)

Sericocoma welwitschii Hook.f. (1)

Annual. Herb. Ht 0.15–0.3 m. Alt ± 1163 m. N

NELSIA Schinz 2309020

(1) Podlech. 1966. *FSWA* 33: 19, 20.

(2) Townsend. 1988. *FZ* 9,1: 65–67.

quadrangula (Engl.) Schinz

Kyphocarpa quadrangula (Engl.) C.B.Clarke (1)

Sericocoma quadrangula Engl. (1)

Sericocomopsis quadrangula (Engl.) Lopr. (1)

Annual. Herb. Ht 0.4–0.9 m. Alt 450–1850 m. N, B

NOTHOSAERVA Wight 2318000

(1) Townsend. 1988. *FZ* 9,1: 97–99.

brachiata (L.) Wight

Annual. Herb. Ht 0.04–0.45 m. Alt up to 520 m. KZN

PANDIAKA (Moq.) Hook.f. 2328010

(1) Podlech. 1966. *FSWA* 33: 20.

(2) Townsend. 1988. *FZ* 9,1: 115–122.

carsonii (Baker) C.B. Clarke var. **carsonii**

Achyranthes carsonii Baker (1)

Perennial. Herb. Ht 0.1–0.4 m. Alt? N

heterochiton (Lopr.) C.B. Clarke = **Sericocoma heterochiton**

lanceolata (Schinz) C.B. Clarke = **Cyathula lanceolata**

PSILOTRICHUM Blume 2324000

(1) Baker & Clarke. 1909. *FTA* 6: 58.

(2) Verdcourt. 1964. *Kew Bulletin* 17: 492.

(3) Townsend. 1988. *FZ* 9,1: 101–105.

africanum Oliv. = **P. scleranthum**

scleranthum Thwaites

P. africanum Oliv. (2)

Perennial. Dwarf shrub, herb. Ht 0.2–2 m. Alt 15–490 m.

LIM, M, KZN

PUPALIA Juss. 2314000

(1) Cooke & Wright. 1912. *FC* 5,1: 422–424.

(2) Podlech. 1966. *FSWA* 33: 20, 21.

(3) Townsend. 1979. *Kew Bulletin* 34,1: 131–142.

(4) Townsend. 1988. *FZ* 9,1: 88–93.

alopecurus Fenzl ex Drège = **Cyathula cylindrica** var. **cylindrica**

atropurpurea (Lam.) Moq. = **P. lappacea** var. **lappacea**

lappacea (L.) A. Juss. var. **lappacea**

Achyranthes atropurpurea Lam. (4)

Achyranthes lappacea L. (4)

Desmochaeta atropurpurea DC. (4)

P. atropurpurea (Lam.) Moq. (4)

Annual. Herb. Ht 0.3–0.9 m. Alt 2–1705 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

micrantha Hauman

Annual. Herb. Ht 0.5–1.5 m. Alt? B

natalensis Sond. = **Cyathula natalensis**

orthacantha Hochst. ex Asch. = **Cyathula orthacantha**

remotiflora Moq. = **Sericorema remotiflora**

subfusca Moq. = **Centema subfusca**

SERICOCOMA Fenzl 2305000

(1) Cooke & Wright. 1912. *FC* 5,1: 416–418.

(2) Podlech. 1966. *FSWA* 33: 21, 22.

angustifolia (Moq.) Hook.f. = **Kyphocarpa angustifolia**

avolans Fenzl

Kyphocarpa zeyheri in sense of Lopr., misapplied name (1)

S. zeyheri Engl. (1)

Perennial. Dwarf shrub. Ht 0.25–0.7 m. Alt 400–1220 m. N, NW, NC, WC, EC

bainesii Hook.f. = **Leucosphaera bainesii**

capitata Moq. = **Calicorema capitata**

chrysurus Meisn. = **Kyphocarpa trichinoides**

denudata Hook.f. = **Marcellipsis denudata**

hereroensis Suess. & Beyerle = **Kyphocarpa angustifolia**

heterochiton Lopr.

Pandiaka heterochiton (Lopr.) C.B. Clarke (2)

Perennial. Dwarf shrub. Ht 0.25–0.6 m. Alt up to 2380 m. N, NC

namaensis Suess. = **S. pungens**

pungens Fenzl

S. namaensis Suess. (2)

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 140–1035 m. N, NC

quadrangula Engl. = **Nelsia quadrangula**

remotiflora Hook.f. = **Sericorema remotiflora**

squarrosa Schinz = **Calicorema squarrosa**

trichinoides Fenzl = **Kyphocarpa trichinoides**

welwitschii Hook.f. = **Marcellipsis welwitschii**

zeyheri Engl. = **S. avolans**

SERICOCOMOPSIS Schinz 2306000

bainesii (Hook.f.) Schinz = **Leucosphaera bainesii**

quadrangula (Engl.) Lopr. = **Nelsia quadrangula**

SERICOREMA (Hook.f.) Lopr. 2307000

(1) Cooke & Wright. 1912. *FC* 5,1: 412.

(2) Podlech. 1966. *FSWA* 33: 22, 23.

(3) Townsend. 1988. *FZ* 9,1: 67–70.

remotiflora (Hook.f.) Lopr.

Pupalia remotiflora Moq. (1)

Sericocoma remotiflora Hook.f. (1)

Trichinium remotiflorum Hook. (1)

Perennial. Herb. Ht 0.4–1 m. Alt 135–1430 m. N, B, LIM, NW, G, M, FS, NC

sericea (Schinz) Lopr.

Marcellia sericea (Schinz) C.B. Clarke (2)

Annual. Herb. Ht 0.2–0.6 m. Alt 795–1370 m. N, B, LIM, NW, M, NC

TRICHINIUM Moq. 2321000

chrysurus Meisn. ex Moq. = **Kyphocarpa trichinoides**

remotiflorum Hook. = **Sericorema remotiflora**

ANACARDIACEAE

Compiled by R.H. Archer & E. Retief

***ANACARDIUM** L. 4546000

(1) Fernandes & Fernandes. 1966. *FZ* 2: 551.

(2) Kokwaro. 1986. *FTEA* Anacardiaceae: 2, 3.

occidentale L.

Perennial. Tree. Ht 2–10 m. Alt ?–155 m. KZN

ANAPHRENIUM E. Mey. 4589020

crassinervium (Engl.) Engl. = **Ozoroa crassinervia**

- BOTRYCERAS** Willd. 4587010
laurinum Willd. = **Laurophyllus capensis**
- HARPEPHYLLUM** Bernh. 4562000
 (1) Fernandes & Fernandes. 1966. *FZ* 2: 555–557.
caffrum Bernh.
 Perennial. Tree. Ht 2–15 m. Alt 15–1400 m. LIM, M, S, KZN, EC
- HEERIA** Meisn. 4589000
 (1) Fernandes 1965. *Boletim da Sociedade Broteriana*, sér. 2, 38: 150, 151.
 (2) Moffett. 1993. *FSA* 19: 120.
argentea (Thunb.) Meisn.
Rhus thunbergii (Thunb.) Hook. (2)
 Perennial. Tree. Ht 0.5–5 m. Alt 10–990 m. WC
aromatica Dinter = **Ozoroa crassinervia**
concolor (C.Presl) Kuntze = **Ozoroa concolor**
crassinervia Engl. = **Ozoroa crassinervia**
dinteri Schinz = **Ozoroa crassinervia**
dispar (C.Presl) Kuntze = **Ozoroa dispar**
hereroensis Schinz = **Ozoroa hereroensis**
insignis (Delile) Kuntze var. *reticulata* Baker f. = **Ozoroa insignis** subsp. *reticulata*
longipes Engl. & Gilg = **Ozoroa longipes**
mucronata Bernh. = **Ozoroa mucronata**
namaensis Schinz & Dinter = **Ozoroa namaensis**
rangeana Engl. = **Ozoroa dispar**
reticulata (Baker f.) Engl. = **Ozoroa insignis** subsp. *reticulata*
schinzii Engl. = **Ozoroa schinzii**
- LANNEA** A.Rich. 4563000
 (1) Dyer. 1948. *The Flowering Plants of Africa* 27: t. 1043.
 (2) Fernandes & Fernandes. 1966. *FZ* 2: 557–567.
 (3) Kokwaro & Gillett. 1980. *Kew Bulletin* 34: 748–753.
 (4) Kokwaro. 1986. *FTEA* Anacardiaceae: 10–27.
discolor (Sond.) Engl.
Odina discolor Sond. (2)
 Perennial. Tree. Ht 0.75–12 m. Alt 305–1480 m. N, B, LIM, NW, G, M, S
edulis (Sond.) Engl. var. **edulis**
Odina edulis Sond. (2)
 Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 245–1625 m. N, B, LIM, NW, G, M, S, KZN
edulis (Sond.) Engl. var. *glabrescens* (Engl.) Burt Davy = **L. gossweileri** subsp. **tomentella**
gossweileri Exell & Mendonça subsp. **gossweileri**
 Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 1300–1450 m. N, B
gossweileri Exell & Mendonça subsp. **tomentella** (R.Fern. & A.Fern.) J.B.Gillett
L. edulis (Sond.) Engl. var. *glabrescens* (Engl.) Burt Davy (3)
 Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 1400–1600 m. LIM, G?
kirkii Burt Davy = **L. schweinfurthii** var. **stuhlmannii**
schweinfurthii (Engl.) Engl. var. **stuhlmannii** (Engl.) Kokwaro
L. kirkii Burt Davy (3)
L. stuhlmannii (Engl.) Engl. (3)
 Perennial. Tree. Ht 2–18 m. Alt 30–1370 m. LIM, M, S
schweinfurthii (Engl.) Engl. var. **tomentosa** (Dunkley) Kokwaro
L. stuhlmannii (Engl.) Engl. var. **tomentosa** Dunkley (3)
 Perennial. Tree. Ht 3–15 m. Alt 1050–1200 m. N, B
stuhlmannii (Engl.) Engl. = **L. schweinfurthii** var. **stuhlmannii**
stuhlmannii (Engl.) Engl. var. **tomentosa** Dunkley = **L. schweinfurthii** var. **tomentosa**
zastrowiana Engl. & Brehmer
 Perennial. Dwarf shrub. Ht ± 0.3 m. Alt ± 1550 m. N
- LAUROPHYLLUS** Thunb. 4587000
 (1) Thunberg. 1792. *Nova genera plantarum*: 104.
 (2) Sonder. 1860. *FC* 1: 524.
capensis Thunb.
Botryceras laurinum Willd. (1)
 Perennial. Tree. Ht 1–6 m. Alt 50–1220 m. WC
- LOXOSTYLIS** A.Spreng. ex Rchb. 4586000
 (1) Killick. 1969. *The Flowering Plants of Africa* 39: t. 1536.
alata A.Spreng. ex Rchb.
 Perennial. Tree, shrub. Ht 2–10 m. Alt 90–1350 m. KZN, WC, EC
- *MANGIFERA** L. 4545000
 (1) Fernandes & Fernandes. 1966. *FZ* 2: 552.
 (2) Kokwaro. 1986. *FTEA* Anacardiaceae: 3.
indica L.
 Perennial. Tree, shrub. Ht 5–20 m. Alt ?–457 m. LIM, M, S, KZN
- ODINA** Engl. 4563010
discolor Sond. = **Lannea discolor**
edulis Sond. = **Lannea edulis** var. **edulis**
- OZOROA** Delile 4589010
 (1) Fernandes & Fernandes. 1965. *Boletim da Sociedade Broteriana*, sér. 2, 38: 150–183.
 (2) Fernandes. 1966. *Garcia da Orta* 14: 19–60.
 (3) Merxmüller & Schreiber. 1968. *FSWA* 74: 1–16.
 (4) Kokwaro & Gillett. 1980. *Kew Bulletin* 34: 745–183.
 (5) Kokwaro. 1986. *FTEA* Anacardiaceae: 4–10.
 (6) Retief. 1990. *Bothalia* 20: 219–221.
 (7) Von Teichman & Van Wyk. 1994. *Annals of Botany* 73: 175–184.
 (8) Von Breitenbach *et al.* 2001. *Pocket guide of indigenous trees of southern Africa*: 113–115.
albicans R.Fern. & A.Fern.
 Perennial. Tree. Ht 0.5–1 m. Alt 1400–1500 m. LIM
barbertonensis Retief
 Perennial. Shrub, dwarf shrub. Ht 0.4–1.5 m. Alt 800–1200 m. M
cinerea (Engl.) R.Fern. & A.Fern. (insufficiently known) (1)
concolor (C.Presl ex Sond.) De Winter
Heeria concolor (C.Presl) Kuntze (1)
Rhus concolor C.Presl (3)
 Perennial. Tree, shrub. Ht 1.5–4 m. Alt 150–380 m. N, NC
crassinervia (Engl.) R.Fern. & A.Fern.
Anaphrenium crassinervium (Engl.) Engl. (3)
Heeria aromatica Dinter (3)
Heeria crassinervia Engl. (3)
Heeria dinteri Schinz (8)
 Perennial. Tree, shrub. Ht 1–7 m. Alt 505–1850 m. N, NC

dispar (C.Presl) R.Fern. & A.Fern.*Heeria dispar* (C.Presl) Kuntze (3)*Heeria rangeana* Engl. (3)*O. rangeana* (Engl.) R.Fern. & A.Fern. (3)*Rhus dispar* C.Presl (3)

Perennial. Tree, shrub. Ht 1–5 m. Alt 165–1065 m. N, NC, WC

engleri R.Fern. & A.Fern.

Perennial. Tree, shrub. Ht 1–9 m. Alt 30–1740 m. LIM, M, S, KZN

hereroensis (Schinz) R.Fern. & A.Fern.*Heeria hereroensis* Schinz (1)

Perennial. Shrub. Ht up to 2 m. Alt ± 1100 m. N

insignis Delile subsp. **latifolia** (Engl.) R.Fern. var. **latifolia**

Perennial. Tree, shrub. Ht 2–6 m. Alt 400–1200 m. N

insignis Delile subsp. **reticulata** (Baker f.) J.B.Gillett*Heeria insignis* (Delile) Kuntze var. *reticulata* Baker f. (4)*Heeria reticulata* (Baker f.) Engl. (4)*O. reticulata* (Baker f.) R.Fern. & A.Fern. (4)

Perennial. Tree, shrub. Ht 0.5–8 m. Alt 245–1525 m. N, B

longipes (Engl. & Gilg) R.Fern. & A.Fern.*Heeria longipes* Engl. & Gilg (3)

Perennial. Tree, shrub. Ht 0.5–3 m. Alt 379–1220 m. N, B

mucronata (Bernh.) R.Fern. & A.Fern.*Heeria mucronata* Bernh. (1)

Perennial. Tree, shrub. Ht 1.2–5 m. Alt 60–460 m. EC

namaensis (Schinz & Dinter) R.Fern.*Heeria namaensis* Schinz & Dinter (3)

Perennial. Tree, shrub. Ht 1–3.5 m. Alt 120–1450 m. N, NC

namaquensis (Sprague) Von Teichman & A.E.van Wyk*Protorhus namaquensis* Sprague (7)

Perennial. Tree, shrub. Ht 1.5–3 m. Alt ± 680 m. N, NC

obovata (Oliv.) R.Fern. & A.Fern. var. **elliptica** R.Fern. & A.Fern. (interm. hybrid with *O. engleri*)

Perennial. Tree, shrub. Ht 1.5–9 m. Alt 15–1000 m. LIM? M?

obovata (Oliv.) R.Fern. & A.Fern. var. **obovata**

Perennial. Tree, shrub. Ht 1.5–9 m. Alt 15–80 m. KZN

okavangensis R.Fern. & A.Fern.

Perennial. Shrub. Ht up to 1.5 m. Alt ± 1140 m. N

paniculosa (Sond.) R.Fern. & A.Fern. var. **paniculosa***Rhus paniculosa* Sond. (1)

Perennial. Tree, shrub. Ht 0.5–10 m. Alt 15–2400 m. N, B, LIM, NW, G, M, S, FS, KZN

paniculosa (Sond.) R.Fern. & A.Fern. var. **salicina**

Perennial. Tree, shrub. Ht 0.5–10 m. Alt 15–2400 m. N, B, LIM, NW, G, M

rangeana (Engl.) R.Fern. & A.Fern. = **O. dispar***reticulata* (Baker f.) R.Fern. & A.Fern. = **O. insignis** subsp. **reticulata****schinzii** (Engl.) R.Fern. & A.Fern.*Heeria schinzii* Engl. (3)

Perennial. Tree, shrub. Ht 0.5–2 m. Alt 1060–1140 m. N

sphaerocarpa R.Fern. & A.Fern.

Perennial. Tree, shrub. Ht 1.5–7 m. Alt 152–1300 m. LIM, G, M, S, KZN

PROTORHUS Engl. 4576000(1) Engler. 1881. *Botanische Jahrbücher* 1: 420–422.**longifolia** (Bernh.) Engl.*Rhus longifolia* (Bernh.) Sond. (1)

Perennial. Tree. Ht 1.5–18 m. Alt 12–1980 m. LIM, M, S, KZN, EC

namaquensis Sprague = **Ozoroa namaquensis****RHUS** L. 4594000(1) Codd. 1969. *The Flowering Plants of Africa* 39: t. 1549.(2) Moffett. 1993. *FSA* 19: 1–129.(3) Moffett & Ward-Hilhorst. 1994. *Flowering Plants of Africa* 53: 36–41, t. 2088.(4) Moffett. 1999. *Botanical Journal of the Linnean Society* 130: 37–42.**acocksii** Moffett

Perennial. Scandent shrub or climber. Ht 1–? m. Alt? KZN, EC

africana in sense of many authors, not of Mill., misapplied name = **R. scytophylla** var. **scytophylla***africana* Mill. = **R. lucida** forma **lucida***africana* Mill. var. *macrophylla* Sond. = **R. scytophylla** var. **scytophylla****alboarginata** Sond.

Perennial. Shrub. Ht 0.2–0.5 m. Alt 300–460 m. EC

amerina Meikle = **R. leptodictya****angustifolia** L.

Perennial. Tree, shrub, dwarf shrub. Ht 0.2–1.5(–4) m. Alt 30–950 m. NC, WC

batophylla Codd

Perennial. Shrub. Ht 1–2 m. Alt 650–975 m. LIM

baurii Schönland = **R. pyroides** var. **pyroides****bolusii** Sond. ex Engl.

Perennial. Tree, shrub. Ht 1–2(–5) m. Alt 1000–1830 m. FS, L, EC

burchellii Sond. ex Engl.*R. undulata* Jacq. var. *burchellii* (Sond.) Schönland (2)*R. undulata* Jacq. var. *tricrenata* (Engl.) R.Fern. (2)

Perennial. Tree, shrub. Ht 0.25–5 m. Alt 60–2000 m. N, FS, L, NC, WC

burkeana Sond. = **R. magalismontana** subsp. **magalismontana****carnosula** Schönland*R. carnosula* Schönland var. *parvifolia* Schönland (2)

Perennial. Dwarf shrub, shrub. Ht 0.25–1.5 m. Alt 30–1100 m. KZN, EC

carnosula Schönland var. *parvifolia* Schönland = **R. carnosula****chirindensis** Baker f.*R. chirindensis* Baker f. forma *legatii* (Schönland) R.Fern. & A.Fern. (2)*R. legatii* Schönland (2)

Perennial. Tree, shrub. Ht 1–23 m. Alt 5–1980 m. LIM, M, S, KZN, WC, EC

chirindensis Baker f. forma *legatii* (Schönland) R.Fern. & A.Fern. = **R. chirindensis***ciliata* in sense of Schönland in part, not of Licht. ex Schult., misapplied name = **R. tridactyla****ciliata** Licht. ex Schult.*R. ciliata* Licht. ex Schult. forma *fastigiata* Schönland (2)*R. ciliata* Licht. ex Schult. forma *lepidota* Burt Davy (2)

Perennial. Shrub. Ht 0.4–2 m. Alt 273–1650 m. N, B, NW, FS, NC

ciliata Licht. ex Schult. forma *fastigiata* Schönland = **R. ciliata***ciliata* Licht. ex Schult. forma *lepidota* Burt Davy = **R. ciliata**

cinerea R.Fern. & A.Fern. = **R. magalimontana** subsp. **magalimontana**

coddii R.Fern. & A.Fern. = **R. magalimontana** subsp. **coddii**
commiphoroides Engl. & Gilg = **R. tenuinervis** var. **tenuinervis**
concolor C.Presl = **Ozoroa concolor**

coriacea Engl. = **R. magalimontana** subsp. **magalimontana**
crenata Thunb.

Perennial. Tree, shrub. Ht 0.5–4 m. Alt 5–460 m. KZN, WC, EC

crispa (Harv. ex Engl.) Schönland = **R. gueinzii**

culminum R.Fern. & A.Fern. = **R. tumulicola** var. **tumulicola**
cuneifolia L.f.

Perennial. Dwarf shrub. Ht 0.2–0.68 m. Alt 155–1200 m. NC, WC

dentata Thunb.

R. dentata Thunb. var. *dentata* forma *sparsopilosa* R.Fern. (2)

R. dentata Thunb. var. *parvifolia* (Harv. ex Sond.) Schönland (2)

R. dentata Thunb. var. *parvifolia* (Harv. ex Sond.) Schönland forma *parvifolia* (2)

R. dentata Thunb. var. *parvifolia* (Harv. ex Sond.) Schönland forma *villosissima* R.Fern. (2)

R. dentata Thunb. var. *puberula* Sond. forma *glabra* (Schönland) R.Fern. (2)

R. dentata Thunb. var. *puberula* Sond. forma *pilosissima* (Engl.) R.Fern. (2)

R. dentata Thunb. var. *puberula* Sond. forma *puberula* (2)

R. sonderi Engl. var. *glaberrima* Engl. (2)

R. sonderi Engl. var. *pilosissima* Engl. (2)

Perennial. Tree, shrub. Ht 0.5–6 m. Alt 15–2500 m. LIM, NW, G, M, S, FS, KZN, L, EC

dentata Thunb. var. *dentata* forma *sparsopilosa* R.Fern. = **R. dentata**

dentata Thunb. var. *fulvescens* (Engl.) Burtt Davy = **R. divaricata**

dentata Thunb. var. *parvifolia* (Harv. ex Sond.) Schönland = **R. dentata**

dentata Thunb. var. *parvifolia* (Harv. ex Sond.) Schönland forma *parvifolia* = **R. dentata**

dentata Thunb. var. *parvifolia* (Harv. ex Sond.) Schönland forma *villosissima* R.Fern. = **R. dentata**

dentata Thunb. var. *puberula* Sond. forma *glabra* (Schönland) R.Fern. = **R. dentata**

dentata Thunb. var. *puberula* Sond. forma *pilosissima* (Engl.) R.Fern. = **R. dentata**

dentata Thunb. var. *puberula* Sond. forma *puberula* = **R. dentata**

dentata Thunb. var. *truncata* Burtt Davy = **R. rogersii**

dinteri Engl. = **R. pyroides** var. **dinteri**

discolor E.Mey. ex Sond.

R. discolor E.Mey. ex Sond. forma *grandifolia* (Engl.) Schönland (2)

R. discolor E.Mey. ex Sond. forma *latifolia* Schönland (2)

R. discolor E.Mey. ex Sond. forma *villosissima* (Engl.) Schönland (2)

R. discolor E.Mey. ex Sond. var. *villosissima* (Engl.) Burtt Davy forma *intermedia* Burtt Davy (2)

R. grandifolia Engl. (2)

R. villosissima Engl. (2)

Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 100–2250 m. LIM, NW, G, M, S, FS, KZN, L, EC

discolor E.Mey. ex Sond. forma *grandifolia* (Engl.) Schönland = **R. discolor**

discolor E.Mey. ex Sond. forma *latifolia* Schönland = **R. discolor**

discolor E.Mey. ex Sond. forma *villosissima* (Engl.) Schönland = **R. discolor**

discolor E.Mey. ex Sond. var. *villosissima* (Engl.) Burtt Davy forma *intermedia* Burtt Davy = **R. discolor**

dispar C.Presl = **Ozoroa dispar**

dissecta Thunb.

R. dissecta Thunb. var. *obovata* Schönland (2)

R. dissecta Thunb. var. *pinnatifida* Schönland (2)

Perennial. Dwarf shrub, shrub. Ht 0.4–1.5 m. Alt 30–1065 m. NC, WC

dissecta Thunb. var. *obovata* Schönland = **R. dissecta**

dissecta Thunb. var. *pinnatifida* Schönland = **R. dissecta**

divaricata Eckl. & Zeyh.

R. dentata Thunb. var. *fulvescens* (Engl.) Burtt Davy (2)

Perennial. Tree, shrub. Ht 1–3 m. Alt 1000–2500 m. G, FS, KZN, L, EC

dracomontana Moffett

Perennial. Dwarf shrub or shrub. Ht 0.2–0.8(–1.5) m. Alt 1700–2100 m. M, FS, KZN

dregeana Sond.

Perennial. Shrub. Ht 0.6–2 m. Alt 550–2175 m. FS, L, EC

dura Schönland = **R. tumulicola** var. **tumulicola**

dyeri R.Fern. & A.Fern. = **R. rigida** var. **dentata**

eburnea Schönland = **R. transvaalensis**

eckloniana Sond. = **R. rigida** var. **rigida**

engleri Britten

Perennial. Tree, shrub. Ht 0.8–2.5 m. Alt 915–1370 m. LIM, M

ernestii Schönland = **R. tumulicola** var. **meeuseana** forma **meeuseana**

erosa Thunb.

Perennial. Shrub. Ht 1–3 m. Alt 90–2000 m. FS, L, NC

erosus Radlk., illegitimate name = **Allophylus natalensis**

fastigata Eckl. & Zeyh.

Perennial. Shrub. Ht 0.5–2 m. Alt 300–1525 m. KZN, WC, EC

flexuosa Diels = **R. pyroides** var. **gracilis**

fraseri Schönland = **R. pyroides** Burch. var. **integrifolia**

galpinii Schinz = **R. grandidens**

gerrardii (Harv. ex Engl.) Diels

R. gerrardii (Harv. ex Engl.) Diels var. *basutorum* Schönland (2)

R. gerrardii (Harv. ex Engl.) Diels var. *latifolia* Schönland (2)

R. montana Diels var. *basutorum* (Schönland) R.Fern. (2)

R. montana Diels var. *gerrardii* (Harv. ex Engl.) R.Fern. (2)

R. montana Diels var. *latifolia* (Schönland) R.Fern. (2)

Perennial. Shrub. Ht 2–2.5 m. Alt 450–1460 m. M, S, FS, KZN, L, EC

gerrardii (Harv. ex Engl.) Diels var. *basutorum* Schönland = **R. gerrardii**

gerrardii (Harv. ex Engl.) Diels var. *latifolia* Schönland = **R. gerrardii**

gerrardii (Harv. ex Engl.) Diels var. *montana* (Diels) Schönland = **R. montana**

glauca Thunb.

Perennial. Tree, shrub. Ht 0.5–4 m. Alt 5–1828 m. WC, EC

glaucovirens Engl. = **R. zeyheri**

gracillima Engl. var. **glaberrima** Schönland

Perennial. Dwarf shrub. Ht 0.2–0.7 m. Alt 1600–1920 m. LIM, G, M

gracillima Engl. var. **gracillima**

Perennial. Dwarf shrub. Ht 0.2–0.7 m. Alt 1550–1650 m. G

grandidens Harv. ex Engl.

R. galpinii Schinz (2)

Perennial. Shrub. Ht 1.5–2 m. Alt 457–1219 m. LIM, M, S, KZN, EC

grandifolia Engl. = **R. discolor**

gueinzii in sense of Schönland, not of Sond., misapplied name
= **R. leptodictya**

gueinzii Sond.

- R. crispa* (Harv. ex Engl.) Schönland (2)
R. simii Schönland (2)
R. simii Schönland var. *lydenburgensis* Schönland (2)
R. spinescens Diels (2)

Perennial. Tree, shrub. Ht 1–7 m. Alt 12–1280 m. LIM, M, S, KZN, EC

harveyi Moffett

Perennial. Dwarf shrub. Ht 0.2–1 m. Alt 1500–1650 m. S, KZN

horrida Eckl. & Zeyh.

Perennial. Shrub. Ht 1–1.7 m. Alt 610–1370 m. NC

incana Mill. = **R. laevigata** var. **villosa**

incisa L.f. var. **effusa** (C.Presl) R.Fern.

- R. incisa* L.f. var. *obovata* (Sond.) Schönland (2)
R. sinuata Eckl. & Zeyh. var. *effusa* C.Presl (2)

Perennial. Shrub. Ht 0.5–1.5(–3.5) m. Alt? NC, WC, EC

incisa L.f. var. **incisa**

Perennial. Tree, shrub. Ht 1–5 m. Alt 15–1200 m. NC, WC

incisa L.f. var. *obovata* (Sond.) Schönland = **R. incisa** var. **effusa**

intermedia Schönland = **R. pyroides** var. **integrifolia**

keetii Schönland

Perennial. Shrub. Ht 0.5–1.7 m. Alt 800–1936 m. LIM, NW, M

kirkii Oliv.

- R. kirkii* Oliv. var. *polyneura* (Engl. & Gilg) R.Fern. & A.Fern. (2)
R. polyneura Engl. & Gilg var. *hylophila* Engl. & Gilg (2)
R. polyneura Engl. & Gilg var. *polyneura* (2)

Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 700–750 m. N

kirkii Oliv. var. *polyneura* (Engl. & Gilg) R.Fern. & A.Fern. =
R. kirkii

krebsiana C.Presl ex Engl.

Perennial. Tree, shrub. Ht 1.5–3 m. Alt 400–1829 m. KZN, L, EC

kwazuluana Moffett

Perennial. Dwarf shrub. Ht 0.6–1 m. Alt 10–150 m. KZN

laevigata L. var. *atomaria* (Jacq.) R.Fern. = **R. laevigata**
var. **laevigata** forma **laevigata**

laevigata L. var. **laevigata** forma **cangoana** Moffett

Perennial. Shrub. Ht 0.2–1 m. Alt 18–670 m. WC

laevigata L. var. **laevigata** forma **laevigata**

- R. laevigata* L. var. *atomaria* (Jacq.) R.Fern. (2)
R. mucronata Thunb. (2)
R. mucronata Thunb. var. *atomaria* (Jacq.) Schönland (2)
R. mucronata Thunb. var. *laevigata* (L.) Schönland (2)
R. viminalis Vahl, not of Aiton (2)

Perennial. Shrub. Ht 1–2.5 m. Alt 5–1675 m. NC, WC, EC

laevigata L. var. *latifolia* (Schönland) R.Fern. = **R. laevigata**
var. **villosa**

laevigata L. var. **villosa** (L.f.) R.Fern.

- R. incana* Mill. (2)
R. laevigata L. var. *latifolia* (Schönland) R.Fern. (2)
R. mucronata Thunb. var. *latifolia* Schönland (2)
R. mucronata Thunb. var. *villosa* (L.f.) Schönland (2)

Perennial. Shrub. Ht 0.5–1.5 m. Alt 5–460 m. WC, EC

lancea L.f.

- R. viminalis* Aiton (2)
Perennial. Tree, shrub. Ht 1–12 m. Alt 100–2300 m. N, B, LIM, NW, G, M, FS, L, NC, WC, EC

legatii Schönland = **R. chirindensis**

leptodictya Diels

- R. amerina* Meikle (2)
R. gueinzii in sense of Schönland, not of Sond., misapplied name (2)
R. rhombocarpa R.Fern. & A.Fern. (2)

Perennial. Tree, shrub. Ht 1–9 m. Alt 50–2000 m. N, B, LIM, NW, G, M, S, FS

longifolia (Bernh.) Sond. = **Protorhus longifolia**

longispina Eckl. & Zeyh.

Perennial. Tree, shrub. Ht 1–4 m. Alt 15–1372 m. KZN, NC, WC, EC

longispina in part, in sense of most authors, not of Eckl. & Zeyh., misapplied name = **R. pterota**

lucens Hutch.

Perennial. Tree, shrub. Ht 1–4.5 m. Alt ± 710 m. B

lucida L. forma **elliptica** (Sond.) Moffett

Perennial. Shrub. Ht 0.5–1 m. Alt 5–125 m. WC

lucida L. forma **lucida**

- R. africana* Mill. (2)
R. lucida L. var. *outeniquensis* (Szyszyl.) Schönland (2)
Perennial. Tree, shrub. Ht 0.5–3 m. Alt 5–2135 m. LIM, M, KZN, L, WC, EC

lucida L. forma **scoparia** (Eckl. & Zeyh.) Moffett

- R. schlechteri* Diels (2)
Perennial. Shrub. Ht 0.7–1.4 m. Alt 15–250 m. WC, EC

lucida L. var. *outeniquensis* (Szyszyl.) Schönland = **R.**

lucida forma **lucida**

macowanii Schönland = **R. rehmanniana** var. **glabrata**

macowanii Schönland forma *rehmanniana* (Engl.)

Schönland = **R. rehmanniana** var. **rehmanniana**

magalismontana Sond. subsp. **coddii** (R.Fern. & A.Fern.)
Moffett

- R. coddii* R.Fern. & A.Fern. (2)
R. schliebenii R.Fern. & A.Fern. (2)
Perennial. Dwarf shrub, shrub. Ht 0.9–2.1 m. Alt 448–1670 m. LIM

magalismontana Sond. subsp. **magalismontana**

- R. burkeana* Sond. (2)
R. cinerea R.Fern. & A.Fern. (2)
R. coriacea Engl. (2)
R. oblanceolata Schinz (2)
Perennial. Dwarf shrub. Ht 0.15–0.6(–1.5) m. Alt 1000–2055 m. B, LIM, NW, G, M, NC

magalismontana Sond. subsp. **trifoliolata** (Baker f.) Moffett

- R. rhodesiensis* R.Fern. & A.Fern. forma *glabra* R.Fern. & A.Fern. (2)
R. rhodesiensis R.Fern. & A.Fern. forma *rhodesiensis* (2)
R. trifoliolata Baker f. (2)

Perennial. Shrub, dwarf shrub. Ht? Alt? LIM

magalismontana Sond. subsp. **magalismontana** × **R. pyroides** Burch. var. **pyroides** (known only from type)

- R. milleri* R.Fern. & A.Fern. (2)
Perennial. Shrub. Ht 1–1.2 m. Alt ± 1200 m. B

maricoana Moffett

Perennial. Dwarf shrub. Ht 0.3–1 m. Alt ± 1500 m. NW

marlothii Engl.

Perennial. Shrub. Ht 1–2.2 m. Alt 300–1700 m. N

microcarpa Schönland = **R. pyroides** var. **integrifolia**

milleri R.Fern. & A.Fern. = **R. magalismontana** subsp.

magalismontana × **R. pyroides** var. **pyroides**

montana Diels

- R. gerrardii* (Harv. ex Engl.) Diels var. *montana* (Diels) Schönland (2)
Perennial. Tree, shrub. Ht 1–2.25 m. Alt 90–2500 m. M, KZN, L, EC

- montana* Diels var. *basutorum* (Schönland) R.Fern. = **R. gerrardii**
- montana* Diels var. *gerrardii* (Harv. ex Engl.) R.Fern. = **R. gerrardii**
- montana* Diels var. *latifolia* (Schönland) R.Fern. = **R. gerrardii**
- mucronata* Thunb. = **R. laevigata** var. *laevigata* forma **laevigata**
- mucronata* Thunb. var. *atomaria* (Jacq.) Schönland = **R. laevigata** var. *laevigata* forma **laevigata**
- mucronata* Thunb. var. *laevigata* (L.) Schönland = **R. laevigata** var. *laevigata* forma **laevigata**
- mucronata* Thunb. var. *latifolia* Schönland = **R. laevigata** var. **villosa**
- mucronata* Thunb. var. *villosa* (L.f.) Schönland = **R. laevigata** var. **villosa**
- natalensis** Bernh.
Perennial. Tree, shrub. Ht 1–5 m. Alt 5–450 m. KZN, EC
- nebulosa** Schönland forma **nebulosa**
Perennial. Tree, shrub. Ht 0.5–4 m. Alt 1–480 m. KZN, EC
- nebulosa** Schönland forma **pubescens** Moffett
Perennial. Shrub. Ht 0.5–2 m. Alt 1–200 m. EC
- oblanceolata* Schinz = **R. magalismontana** subsp. **magalismontana**
- pallens** Eckl. & Zeyh.
Perennial. Tree, shrub. Ht 0.5–3 m. Alt 10–2600 m. B, NW, G, FS, KZN, L, WC, EC
- paniculosa* Sond. = **Ozoroa paniculosa** var. **paniculosa**
- pendulina** Jacq.
R. viminalis of many authors, not of Aiton or Vahl, misapplied name (2)
Perennial. Tree, shrub. Ht 4–10 m. Alt 360–915 m. N, FS, NC
- pentheri** Zahlbr.
Perennial. Tree, shrub. Ht 0.5–5 m. Alt 91–2045 m. LIM, M, S, KZN, EC
- polyneura* Engl. & Gilg var. *hylophila* Engl. & Gilg = **R. kirkii**
- polyneura* Engl. & Gilg var. *polyneura* = **R. kirkii**
- pondoensis** Schönland
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 20–1300 m. LIM, M, KZN
- populifolia** E.Mey. ex Sond.
R. steingroeveri Engl. (2)
Perennial. Tree, shrub. Ht 0.2–2.5 m. Alt 166–1500 m. N, NC
- problematus** Merxm. & Roessler
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt ± 1000 m. N
- pterota** C.Presl
R. longispina in part, in sense of most authors, not of Eckl. & Zeyh., misapplied name (2)
Perennial. Tree, shrub. Ht 1.5–3 m. Alt 10–250 m. WC, EC
- puberula* Eckl. & Zeyh. = **R. pyroides** var. **pyroides**
- pygmaea** Moffett
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt ± 1950 m. M
- pyroides** Burch. var. **dinteri** (Engl.) Moffett
R. dinteri Engl. (2)
Perennial. Shrub. Ht 1.5–3 m. Alt 1400–1700 m. N
- pyroides** Burch. var. **gracilis** (Engl.) Burt Davy
R. flexuosa Diels (2)
R. pyroides Burch. var. *transvaalensis* Schönland (2)
Perennial. Tree, shrub. Ht 0.5–6 m. Alt 425–2200 m. LIM, NW, G, M, S, FS, KZN, L, EC
- pyroides** Burch. var. **integrifolia** (Engl.) Moffett
R. fraseri Schönland (2)
R. intermedia Schönland (2)
R. microcarpa Schönland (2)
Perennial. Tree, shrub. Ht 0.6–7 m. Alt 50–2200 m. LIM, G, M, S, KZN, EC
- pyroides* Burch. var. *puberula* (Eckl. & Zeyh.) Schönland = **R. pyroides** var. **pyroides**
- pyroides** Burch. var. **pyroides**
R. baurii Schönland (2)
R. puberula Eckl. & Zeyh. (2)
R. pyroides Burch. var. *puberula* (Eckl. & Zeyh.) Schönland (2)
R. vulgaris Meikle (2)
Perennial. Tree, shrub. Ht 0.5–6 m. Alt 6–2100 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC
- pyroides* Burch. var. *transvaalensis* Schönland = **R. pyroides** var. **gracilis**
- quartiniana** A.Rich.
R. quartiniana A.Rich. var. *acutifoliolata* (Engl.) Meikle (2)
R. quartiniana A.Rich. var. *zambesiensis* R.Fern. & A.Fern. (2)
Perennial. Tree, shrub. Ht 1.2–7 m. Alt 250–1035 m. N, B
- quartiniana* A.Rich. var. *acutifoliolata* (Engl.) Meikle = **R. quartiniana**
- quartiniana* A.Rich. var. *zambesiensis* R.Fern. & A.Fern. = **R. quartiniana**
- refracta** Eckl. & Zeyh.
Perennial. Tree, shrub. Ht 0.76–8 m. Alt 40–1973 m. WC, EC
- rehmanniana** Engl. var. **glabrata** (Sond.) Moffett
R. macowanii Schönland (2)
Perennial. Shrub. Ht 1–2 m. Alt 30–1800 m. LIM, M, S, KZN, WC, EC
- rehmanniana** Engl. var. **rehmanniana**
R. macowanii Schönland forma *rehmanniana* (Engl.) Schönland (2)
Perennial. Tree, shrub. Ht 0.5–5 m. Alt 30–2100 m. LIM, M, S, KZN, EC
- rhodesiensis* R.Fern. & A.Fern. forma *glabra* R.Fern. & A.Fern. = **R. magalismontana** subsp. **trifoliolata**
- rhodesiensis* R.Fern. & A.Fern. forma *rhodesiensis* = **R. magalismontana** subsp. **trifoliolata**
- rhombocarpa* R.Fern. & A.Fern. = **R. leptodictya**
- rigida* in sense of many authors, not of Mill., misapplied name = **R. rimosa**
- rigida** Mill. var. **dentata** (Engl.) Moffett
R. dyeri R.Fern. & A.Fern. (2)
R. rupicola J.M.Wood & M.S.Evans (2)
Perennial. Tree, shrub. Ht 0.5–2 m. Alt 151–2030 m. LIM, M, KZN, EC
- rigida** Mill. var. **margaretae** Burt Davy ex Moffett
Perennial. Shrub. Ht 0.2–1.8 m. Alt 1000–1830 m. LIM, NW, G, M, FS, KZN, EC
- rigida** Mill. var. **rigida**
R. eckloniana Sond. (2)
Perennial. Shrub. Ht 0.2–2 m. Alt 120–1830 m. NW, G, M, FS, EC
- rimosa** Eckl. & Zeyh.
R. rigida in sense of many authors, not of Mill., misapplied name (2)
Perennial. Shrub. Ht 1–3 m. Alt 750–850 m. NC, WC
- rogersii** Schönland
R. dentata Thunb. var. *truncata* Burt Davy (2)
Perennial. Dwarf shrub or shrub. Ht 0.3–2 m. Alt 550–1675 m. M

rosmarinifolia Vahl

R. rosmarinifolia Vahl var. *brevifolia* Schönland (2)
R. rosmarinifolia Vahl var. *swellendamensis* Eckl. & Zeyh. (2)
R. rosmarinifolia Vahl var. *typica* Schönland (2)

Perennial. Shrub. Ht 0.2–1 m. Alt 15–1465 m. WC, EC
rosmarinifolia Vahl var. *brevifolia* Schönland = **R. rosmarinifolia**

rosmarinifolia Vahl var. *stenophylla* (Eckl. & Zeyh.) Schönland = **R. stenophylla**

rosmarinifolia Vahl var. *swellendamensis* Eckl. & Zeyh. = **R. rosmarinifolia**

rosmarinifolia Vahl var. *typica* Schönland = **R. rosmarinifolia**

rudatisii Engl.

Perennial. Dwarf shrub. Ht 0.2–0.35 m. Alt 450–650 m. KZN

rupicola J.M.Wood & M.S.Evans = **R. rigida** var. *dentata schlechteri* Diels = **R. lucida** forma *scoparia*

schliebenii R.Fern. & A.Fern. = **R. magalismsontana** subsp. *coddii*

scytophylla Eckl. & Zeyh. var. *dentata* Moffett

Perennial. Shrub, dwarf shrub. Ht 0.5–2 m. Alt 800–1250 m. WC

scytophylla Eckl. & Zeyh. var. *scytophylla*

R. africana in sense of many authors, not of Mill., misapplied name (2)
R. africana Mill. var. *macrophylla* Sond. (2)

Perennial. Shrub. Ht 0.5–2 m. Alt 50–800 m. NC, WC

sekhukhuniensis Moffett

Perennial. Shrub. Ht 1–3 m. Alt 700–800 m. M

simii Schönland = **R. gueinzii**

simii Schönland var. *lydenburgensis* Schönland = **R. gueinzii**

sinuata Eckl. & Zeyh. var. *effusa* C.Presl = **R. incisa** var. *effusa*

sonderi Engl. var. *glaberrima* Engl. = **R. dentata**

sonderi Engl. var. *pilosissima* Engl. = **R. dentata**

spinescens Diels = **R. gueinzii**

steingroeveri Engl. = **R. populifolia**

stenophylla Eckl. & Zeyh.

R. rosmarinifolia Vahl var. *stenophylla* (Eckl. & Zeyh.) Schönland (2)

Perennial. Dwarf shrub, shrub. Ht 0.2–1.2 m. Alt 20–125 m. WC

synstylica R.Fern. & A.Fern. var. *meeuseana* R.Fern.

& A.Fern. = **R. tumulicola** var. *meeuseana* forma *meeuseana*

synstylica R.Fern. & A.Fern. var. *synstylica* = **R. tumulicola** var. *tumulicola*

tenuinervis Engl.

R. commiphoroides Engl. & Gilg (2)

Perennial. Tree, shrub. Ht 0.2–3 m. Alt 305–1600 m. N, B, LIM, NW, NC

thunbergii (Thunb.) Hook. = **Heeria argentea**

tomentosa L.

Perennial. Tree, shrub. Ht 0.5–5 m. Alt 20–2135 m. LIM, M, KZN, L, WC, EC

transvaalensis Engl.

R. eburnea Schönland (2)

Perennial. Tree, shrub. Ht 1–2(–4) m. Alt 290–1760 m. LIM, M, S, KZN

tridactyla Burch.

R. ciliata in sense of Schönland in part, not of Licht. ex Schult., misapplied name (2)

Perennial. Tree, shrub. Ht 0.5–4 m. Alt 1225–1380 m. NC

trifoliolata Baker f. = **R. magalismsontana** subsp. *trifoliolata*

tumulicola S.Moore var. *meeuseana* (R.Fern. & A.Fern.)

Moffett forma *meeuseana*

R. ernestii Schönland (2)

R. synstylica R.Fern. & A.Fern. var. *meeuseana* R.Fern. & A.Fern. (2)

Perennial. Tree, shrub. Ht 0.3–2.5 m. Alt 379–2120 m. LIM, M, S

tumulicola S.Moore var. *meeuseana* (R.Fern. & A.Fern.)

Moffett forma *pumila* Moffett

Perennial. Tree, shrub. Ht 0.3–0.7 m. Alt 1000–2100 m. LIM, M

tumulicola S.Moore var. *tumulicola*

R. culminum R.Fern. & A.Fern. (2)

R. dura Schönland (2)

R. synstylica R.Fern. & A.Fern. var. *synstylica* (2)

Perennial. Tree, shrub. Ht 0.5–3.5 m. Alt 914–2164 m. LIM, M, S, KZN

undulata Jacq.

R. undulata Jacq. var. *celastroides* (Sond.) Schönland in part (2)

R. undulata Jacq. var. *genuina* Schönland forma *contracta* Schönland (2)

R. undulata Jacq. var. *genuina* Schönland forma *excisa* (Thunb.) Schönland (2)

R. undulata Jacq. var. *genuina* Schönland forma *undulata* Schönland (2)

R. undulata Jacq. var. *undulata* Schönland forma *contracta* (Schönland) R.Fern. (2)

R. undulata Jacq. var. *undulata* Schönland forma *excisa* (Thunb.) R.Fern. (2)

Perennial. Shrub. Ht 0.5–3 m. Alt 20–1250 m. N, NC, WC

undulata Jacq. var. *burchellii* (Sond.) Schönland = **R. burchellii**

undulata Jacq. var. *celastroides* (Sond.) Schönland in part = **R. undulata**

undulata Jacq. var. *genuina* Schönland forma *contracta* Schönland = **R. undulata**

undulata Jacq. var. *genuina* Schönland forma *excisa* (Thunb.) Schönland = **R. undulata**

undulata Jacq. var. *genuina* Schönland forma *undulata* Schönland = **R. undulata**

undulata Jacq. var. *tricrenata* (Engl.) R.Fern. = **R. burchellii**

undulata Jacq. var. *undulata* Schönland forma *contracta* (Schönland) R.Fern. = **R. undulata**

undulata Jacq. var. *undulata* Schönland forma *excisa* (Thunb.) R.Fern. = **R. undulata**

villosissima Engl. = **R. discolor**

viminalis Aiton = **R. lancea**

viminalis of many authors, not of Aiton or Vahl, misapplied name = **R. pendulina**

viminalis Vahl, not of Aiton = **R. laevigata** var. *laevigata* forma *laevigata*

volkii Suess.

Perennial. Shrub. Ht 1–1.5 m. Alt ± 1600 m. N

vulgaris Meikle = **R. pyroides** var. *pyroides*

wilmsii Diels

Perennial. Shrub. Ht 0.15–0.5 m. Alt 1500–1770 m. M

zeyheri Sond.

R. glaucovirens Engl. (2)

R. zeyheri Sond. var. *parvifolia* Burt Davy (2)

Perennial. Shrub. Ht 0.5–2 m. Alt 850–1650 m. LIM, NW, G, M

zeyheri Sond. var. *parvifolia* Burt Davy = **R. zeyheri**

***SCHINUS** L.

4582000

(1) Barkley. 1944. *Brittonia* 5: 160–198.

molle L.

Perennial. Tree. Ht 4–10.66 m. Alt 185–1300 m. B, LIM, G, NC, WC, EC

terebinthifolius Raddi

Perennial. Tree, shrub. Ht 2.5–4 m. Alt 2–550 m. B, LIM, M, KZN, WC

SCLEROCARYA Hochst. 4558000

- (1) Fernandes & Fernandes. 1966. *FZ* 2: 552–555.
- (2) Kokwaro & Gillett. 1980. *Kew Bulletin* 34: 756–758
- (3) Kokwaro. 1986. *FTEA* Anacardiaceae: 42–45.

birrea (A.Rich.) Hochst. subsp. **caffra** (Sond.) Kokwaro

Commiphora subglauca Engl. (2)
S. caffra Sond. (2)
S. schweinfurthiana Schinz (2)

Perennial. Tree. Ht 3–18 m. Alt 5–1700 m. N, B, LIM, M, S, KZN

caffra Sond. = **S. birrea** subsp. **caffra**

schweinfurthiana Schinz = **S. birrea** subsp. **caffra**

SMODINGIUM E.Mey. ex Sond. 4588000

- (1) Wells. 1988. *The Flowering Plants of Africa* 50: t. 1968.

argutum E.Mey. ex Sond.

Perennial. Tree, scrambler. Ht 1.5–7.5 m. Alt 365–1830 m. KZN, EC

ANNONACEAE

Compiled by M. Jordaan

ANNONA L. 2729000

- (1) Robson. 1960. *FZ* 1: 141–145.
- (2) Le Thomas. 1969. *Adansonia* sér. 2, 9: 95–103.
- (3) Verdcourt. 1971. *FTEA* Annonaceae: 112–116.

arenaria Thonn. ex Schumach. = **A. senegalensis** subsp. **senegalensis**

chrysophylla Bojer = **A. senegalensis** subsp. **senegalensis**
nana Exell = **A. stenophylla** subsp. **nana**

senegalensis Pers. subsp. **senegalensis**

A. arenaria Thonn. ex Schumach. (2)
A. chrysophylla Bojer (1)

Perennial. Shrub or tree. Ht 1.5–8 m. Alt 15–1538 m. B, LIM, M, S, KZN

stenophylla Engl. & Diels subsp. **nana** (Exell) N.Robson

A. nana Exell (1)

Perennial. Dwarf shrub. Ht 0.4–0.7 m. Alt? N, B

ARTABOTRYS R.Br. 2724000

- (1) Robson. 1960. *FZ* 1: 129–133.
- (2) Verdcourt. 1971. *FTEA* Annonaceae: 56–64.

brachypetalus Benth.

Perennial. Tree, shrub or climber. Ht 0.9–4 m. Alt 305–1400 m. B, LIM

monteiroae Oliv.

A. nitidus Engl. (1)

Perennial. Tree, shrub or climber. Ht 2.5–6 m. Alt 30–1035 m. LIM, S, KZN

nitidus Engl. = **A. monteiroae**

FRIESODIELSIA Steenis 2691010

- (1) Verdcourt. 1971. *Kew Bulletin* 25: 18–20.
- (2) Verdcourt. 1971. *FTEA* Annonaceae: 86–88.
- (3) Van Wyk & Condy. 1994. *Flowering Plants of Africa* 53: t. 2089.

obovata (Benth.) Verdc.

Popowia obovata (Benth.) Engl. & Diels (1)
Unona obovata Benth. (1)

Perennial. Tree, shrub or climber. Ht 1.5–7 m. Alt 100–600 m. N, B

GUATTERIA Ruíz & Pav. 2679000

caffra Sond. = **Monanthotaxis caffra**

HEXALOBUS A.DC. 2716000

- (1) Meeuse. 1955. *The Flowering Plants of Africa* 30: t. 1195.
- (2) Robson. 1960. *FZ* 1: 116–119.
- (3) Verdcourt. 1971. *FTEA* Annonaceae: 44–48.

glabrescens Hutch. & Dalziel ex Burtt Davy = **H. monopetalus** var. **monopetalus**

monopetalus (A.Rich.) Engl. & Diels var. **monopetalus**

H. glabrescens Hutch. & Dalziel ex Burtt Davy (2)

Perennial. Tree or shrub. Ht 2–7 m. Alt 300–1500 m. N, B, LIM, M

MONANTHOTAXIS Baill. 2696000

- (1) Robson. 1960. *FZ* 1: 122–128.
- (2) Verdcourt. 1971. *Kew Bulletin*. 25: 20–33.
- (3) Verdcourt. 1971. *FTEA* Annonaceae: 88–107.

caffra (Sond.) Verdc.

Guatteria caffra Sond. (2)
Popowia caffra (Sond.) Benth. (2)

Perennial. Tree, shrub or climber. Ht 1–10 m. Alt 10–1190 m. M, S, KZN, EC

MONODORA Dunal 2733000

- (1) Robson. 1960. *FZ* 1: 145–149.
- (2) Paiva. 1970. *Boletim da Sociedade Broteriana*, sér. 2, 44: 371–373.
- (3) Codd. 1983. *The Flowering Plants of Africa* 47: t. 1870.

junodii Engl. & Diels var. **junodii**

Perennial. Tree or shrub. Ht 1.5–7 m. Alt 30–520 m. LIM, S, KZN

junodii Engl. & Diels var. **macrantha** J.Paiva

Perennial. Tree or shrub. Ht 2–7 m. Alt 20–300 m. LIM

POPOWIA Endl. 2691000

obovata (Benth.) Engl. & Diels = **Friesodielsia obovata**
caffra (Sond.) Benth. = **Monanthotaxis caffra**

UNONA L. 2689000

obovata Benth. = **Friesodielsia obovata**

UVARIA L. 2673000

- (1) Robson. 1960. *FZ* 1: 106–112.
- (2) Verdcourt. 1971. *Kew Bulletin* 25: 2–8.
- (3) Balkwill & Nicholas. 1990. *Bothalia* 20: 207.

caffra E.Mey. ex Sond.

Perennial. Tree, shrub or climber. Ht 0.5–4 m. Alt 5–300 m. KZN, EC

gazensis Baker f. = **U. lucida** subsp. **virens**

gracilipes N.Robson

Perennial. Shrub or climber. Ht 0.6–2 m. Alt 0–320 m. LIM

lucida Benth. subsp. **virens** (N.E.Br.) Verdc.
U. gazensis Baker f. (2)
U. virens N.E.Br. (2)
 Perennial. Shrub or climber. Ht 1.5–10 m. Alt 0–100 m. LIM, S, KZN

virens N.E.Br. = **U. lucida** subsp. **virens**

XYLOPIA L. 2717000

- (1) Robson. 1960. *FZ* 1: 133–141.
 (2) Verdcourt. 1971. *FTEA* Annonaceae: 72–83.

antunesii Engl. & Diels = **X. odoratissima**

odoratissima Welw. ex Oliv.
X. antunesii Engl. & Diels (1)
 Perennial. Tree or shrub. Ht 2–9 m. Alt 100–600 m. N, B

parviflora (A.Rich.) Benth.
 Perennial. Tree. Ht 3–30 m. Alt 100–914 m. LIM

tomentosa Exell
 Perennial. Dwarf shrub or shrub. Ht 0.4–2 m. Alt? N

APIACEAE

Compiled by B.-E. van Wyk & P.M. Tilney

AGROCHARIS Hochst. 5950010

- (1) Cannon. 1978. *FZ* 4: 572–575.
 (2) Jury. 1986. *Symbolae Botanicae Upsalienses* 26,2: 181–188.
 (3) Townsend. 1989. *FTEA* Umbelliferae: 30–33.
 (4) Burt. 1991. *Edinburgh Journal of Botany* 48,2: 162.

melanantha Hochst.

Caucalis latifolia of author, not of L.; Jacot Guill. (4)
Caucalis melanantha (Hochst.) Hiern (1)
 Perennial. Herb. Ht up to 0.85 m. Alt up to 2685 m. KZN, L, EC

ALEPIDEA F.Delaroche 5922000

- (1) Wood & Evans. 1899. *Journal of Botany, London* 37: 255.
 (2) Weimarck. 1949. *Botaniska Notiser* 4: 217–268.
 (3) Compton. 1967. *Journal of South African Botany* 33: 297, 298.
 (4) Burt. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40,2: 293–297.
 (5) Burt. 1991. *Edinburgh Journal of Botany* 48,2: 163–171.
 (6) De Castro & Van Wyk. 1994. *South African Journal of Botany* 60,6: 345–350.
 (7) Pooley. 1998. *A field guide to wild flowers of KwaZulu-Natal and the eastern region*: 160, 161.

acutidens Weim. var. **acutidens**

Perennial. Herb. Ht up to 0.1 m, when in flower up to 0.7 m. Alt 765–1830 m. KZN, EC

acutidens Weim. var. **dispar** Weim.

Perennial. Herb. Ht up to 0.1 m, when in flower up to 0.7? m. Alt ± 1400 m. KZN

amatymbica Eckl. & Zeyh. var. **amatymbica**

Perennial. Herb. Ht ± 0.1 m, when in flower up to 2.1 m. Alt 243–2620 m. LIM, G, M, S, FS, KZN, L, EC

amatymbica Eckl. & Zeyh. var. **aquatica** (Kuntze) Weim.

Perennial. Herb. Ht up to 0.1 m, when in flower up to 2.1 m. Alt 795–1220 m. EC

amatymbica Eckl. & Zeyh. var. **microbracteata** Weim.

Perennial. Herb. Ht up to 0.1 m, when in flower up to 2.1 m. Alt ± 800 m. KZN

angustifolia Schltr. & H.Wolff

Perennial. Herb. Ht up to 0.1 m, when in flower up to 0.7 m. Alt ± 1600 m. G, M, FS, KZN

attenuata Weim.

Perennial. Herb. Ht up to 0.2 m, when in flower up to 1 m. Alt up to 2200 m. LIM, G, M, S

basinuda Pott var. **basinuda**

Perennial. Herb. Ht up to 0.3 m, when in flower up to 0.5 m. Alt up to 2100 m. LIM, G, M, KZN

basinuda Pott var. **subnuda** Weim.

Perennial. Herb. Ht up to 0.3 m, when in flower up to 0.5 m. Alt up to 2200 m. M

baurii Kuntze = **A. natalensis**

capensis (P.J.Bergius) R.A.Dyer var. **capensis**

Perennial. Herb. Ht up to 0.2 m, when in flower up to 0.6 m. Alt 45–2286 m. WC, EC

capensis (P.J.Bergius) R.A.Dyer var. **tenella** (Schltr. & H.Wolff) Weim.

A. tenella Schltr. & H.Wolff (2)
 Perennial. Herb. Ht up to 0.2 m, when in flower up to 0.6 m. Alt 100–1650 m. EC

ciliaris F.Delaroche = **A. pilifera**

cirsiifolia Schltr. & H.Wolff

Perennial. Herb. Ht up to 0.2 m, when in flower up to 1 m. Alt 915–1585 m. EC

comosa Dummer

A. longifolia E.Mey. subsp. *comosa* (Dummer) Weim. (5)
 Perennial. Herb. Ht up to 0.1 m, when in flower up to 1 m. Alt 90–1525 m. G, M, S, KZN

delicatula Weim.

Perennial. Herb. Ht up to 0.1 m, when in flower up to 0.2 m. Alt ± 2000 m. WC

duplidens Weim.

Perennial. Herb. Ht up to 0.2 m, when in flower up to 0.4 m. Alt up to 1370 m. KZN, EC

galpinii Dummer

Perennial. Herb. Ht up to 0.1 m, when in flower up to 0.3 m. Alt up to 2990 m. KZN, L, EC

gracilis Dummer

Perennial. Herb. Ht up to 0.3 m, when in flower up to 0.7 m. Alt 592–1370 m. LIM, M, S, KZN, EC

gracilis Dummer var. *major* Weim. = **A. longifolia** var. **longifolia**

insculpta Hilliard & B.L.Burt

Perennial. Herb. Ht up to 0.2 m, when in flower up to 1 m. Alt up to 2545 m. KZN

jenkinsii Pott

Perennial. Herb. Ht up to 0.2 m, when in flower up to 1 m. Alt ± 1600 m. M

longeciliata Schinz ex Dummer

Perennial. Herb. Ht up to 0.1 m, when in flower up to 0.5 m. Alt ± 1600 m. M

longifolia E.Mey. subsp. *angusta* (Dummer) Weim. = **A. longifolia** var. **angusta**

longifolia E.Mey. subsp. *comosa* (Dummer) Weim. = **A. comosa**

longifolia E.Mey. subsp. *lancifolia* Weim. = **A. longifolia**
var. **longifolia**

longifolia E.Mey. var. **angusta** Dummer

A. longifolia E.Mey. subsp. *angusta* (Dummer) Weim. (5)

Perennial. Herb. Ht up to 0.3 m, when in flower up to
0.8 m. Alt up to 2800 m. G, M, S, FS, KZN

longifolia E.Mey. var. **longifolia**

A. gracilis Dummer var. *major* Weim. (5)

A. longifolia E.Mey. subsp. *lancifolia* Weim. (5)

Perennial. Herb. Ht up to 0.2 m, when in flower up to
1.8 m. Alt up to 2010 m. G, M, S, FS, KZN

longifolia E.Mey. var. *wyliei* (Dummer) Weim. = **A. wyliei**

macowani Dummer

Perennial. Herb. Ht up to 0.5 m, when in flower up to
1 m. Alt up to 1770 m. EC

multisecta B.L.Burtt

Perennial. Herb. Ht up to 0.3 m, when in flower up to
0.6 m. Alt ± 2100 m. EC

natalensis J.M.Wood & M.S.Evans

A. baurii Kuntze (4)

Perennial. Herb. Ht up to 0.2 m, when in flower up to
0.6 m. Alt up to 2650 m. FS, KZN, L, EC

pilifera Weim.

A. ciliaris F.Delaroche (4)

Perennial. Herb. Ht up to 0.1 m, when in flower up to
0.3 m. Alt up to 2745 m. KZN, L

pusilla Weim.

Perennial. Herb. Ht up to 0.2 m, when in flower up to
0.7 m. Alt up to 3355 m. KZN, L, EC

reticulata Weim.

Perennial. Herb. Ht up to 0.1 m, when in flower up to
0.4 m. Alt 1600–2300 m. LIM, M

serrata Eckl. & Zeyh. var. **cathcartensis** (Kuntze) Weim.

Perennial. Herb. Ht up to 0.2? m, when in flower up to
0.5? m. Alt 765–1830 m. EC

serrata Eckl. & Zeyh. var. **serrata**

Perennial. Herb. Ht up to 0.2? m, when in flower up to
0.5? m. Alt up to 3000 m. L, EC

setifera N.E.Br.

Perennial. Herb. Ht up to 0.1 m, when in flower up to 0.4
m. Alt up to 2240 m. LIM, G, M, S, FS, KZN, L

stellata Weim.

Perennial. Herb. Ht up to 0.1 m, when in flower up to
0.5 m. Alt ± 800 m. KZN

tenella Schltr. & H.Wolff = **A. capensis** var. **tenella**

thodei Dummer

Perennial. Herb. Ht up to 0.2 m, when in flower up to
1.5 m. Alt up to 3355 m. KZN, L, EC

tysonii Dummer = **A. woodii**

woodii Oliv.

A. tysonii Dummer (4)

Perennial. Herb. Ht up to 0.2 m, when in flower up to
1.2 m. Alt up to 2400 m. KZN, L

wyliei Dummer

A. longifolia E.Mey. var. *wyliei* (Dummer) Weim. (5)

Perennial. Herb. Ht up to 0.2 m, when in flower up to
0.6 m. Alt up to 1700 m. KZN

***AMMI** L. 6016000

(1) Wolff. 1927. *Pflanzenreich* 90: 119, 120.

(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 171.

majus L. var. **glaucifolium** (L.) Godr.

Annual. Herb. Ht 0.3–1.7 m. Alt 120–3050 m. LIM,
NW, G, M, FS, KZN, NC, WC, EC

ANGINON Raf. 5994010

(1) Burtt. 1988. *Notes from the Royal Botanic Garden Edinburgh* 45,1: 90, 91.

(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 172–177.

(3) Allison & Van Wyk. 1997. *Nordic Journal of Botany* 17: 561–577.

difforme (L.) B.L.Burtt

Bupleurum difforme L. (1)

Rhyncarpus difformis (L.) Briq. (1)

Perennial. Shrub. Ht 1–3 m. Alt 200–1500 m. NC, WC, EC

fruticosum I.Allison & B.-E.van Wyk

Perennial. Shrub. Ht 1–3 m. Alt 200–1000 m. NC, WC

intermedium I.Allison & B.-E.van Wyk

Perennial. Shrub. Ht 1–2.5 m. Alt 500–1500 m. NC

jaarsveldii B.L.Burtt

Perennial. Shrub. Ht 1–2 m. Alt ± 1200 m. NC

paniculatum (Thunb.) B.L.Burtt

Perennial. Shrub. Ht 2.5–4 m. Alt ± 300 m. NC, WC

pumilum I.Allison & B.-E.van Wyk

Perennial. Shrublet. Ht up to 0.7 m. Alt 20–300 m. WC

rugosum (Thunb.) Raf.

A. uitenhagense (Eckl. & Zeyh.) B.L.Burtt (3)

Rhyncarpus rugosus (Thunb.) Sond. (1)

Perennial. Shrub. Ht up to 1.5 m. Alt 200–600 m. EC

streyi (Merxm.) I.Allison & B.-E.van Wyk

Sonderina streyi Merxm. (3)

Perennial. Shrub. Ht up to 1.2 m. Alt ± 1250 m. N

swellendamense (Eckl. & Zeyh.) B.L.Burtt

Rhyncarpus ecklonis Sond. (1)

Rhyncarpus swellendamensis (Eckl. & Zeyh.) Briq. (1)

Perennial. Shrub. Ht 1–2 m. Alt 300–900 m. WC

tenuior I.Allison & B.-E.van Wyk

Perennial. Shrub. Ht up to 1.5 m. Alt ± 1200 m. WC

ternatum I.Allison & B.-E.van Wyk

Perennial. Shrub. Ht up to 4 m. Alt ± 300 m. WC

uitenhagense (Eckl. & Zeyh.) B.L.Burtt = **A. rugosum**

verticillatum (Sond.) B.L.Burtt

Polemanna verticillata Sond. (2)

Perennial. Shrub. Ht up to 2 m. Alt 500–1500 m. N, NC, WC

ANNESORHIZA Cham. & Schltldl. 6078000

(1) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 177–182.

(2) Tilney & Van Wyk. 2001. *Nordic Journal of Botany* 21: 615–649.

altiscapa Schltr.

Perennial. Herb. Ht up to 0.4 m, when in flower up to
1.5 m. Alt 120–915 m. NC, WC

burtii B.-E.van Wyk

Perennial. Herb. Ht up to 0.3 m, when in flower up to
1.3 m. Alt up to 1600 m. WC

capensis Cham. & Schltldl. = **A. nuda**

elata Eckl. & Zeyh. = **A. grandiflora**

fibrosa B.-E.van Wyk

Perennial. Herb. Ht up to 0.1 m, when in flower up to
0.7 m. Alt ± 800 m. WC

filicaulis Eckl. & Zeyh.

Perennial. Herb. Ht ± 0.1 m, when in flower up to 1 m.
Alt ± 700 m. WC

flagellifolia Burtt Davy

Perennial. Herb. Ht ± 0.2 m, when in flower up to 0.7
m. Alt 625–2100 m. M, KZN

grandiflora (Thunb.) M.Hiroe

A. elata Eckl. & Zeyh. (2)
A. hirsuta Eckl. & Zeyh. (2)
A. villosa (Thunb.) Sond. (2)

Perennial. Herb. Ht ± 0.3 m, when in flower up to 2 m.
 Alt 200–1500 m. NC, WC

gummifera (L.) Jacks. = **Glia prolifera****hirsuta** Eckl. & Zeyh. = **A. grandiflora****inebrians** (Thunb.) Wijnands = **Glia prolifera****lateriflora** (Eckl. & Zeyh.) B.-E.van Wyk

A. marlothii H.Wolff (2)
Athamanta lateriflora Eckl. & Zeyh. (2)
Peucedanum lateriflorum (Eckl. & Zeyh.) Sond. (2)

Perennial. Herb. Ht ± 0.1 m, when in flower up to 0.8 m.
 Alt 500–1800 m. NC, WC

latifolia Adamson

Perennial. Herb. Ht ± 0.3 m, when in flower up to 1.6 m.
 Alt 800–1500 m. NC

macrocarpa Eckl. & Zeyh.

Perennial. Herb. Ht ± 0.1–1.8 m. Alt 15–300 m. WC, EC

marlothii H.Wolff = **A. lateriflora****marlothii** (H.Wolff) M.Hiroe, illegitimate name = **Polemanniopsis marlothii****montana** Eckl. & Zeyh. = **A. nuda****nuda** (Aiton) B.L.Burtt

A. capensis Cham. & Schldtl. (1)
A. montana Eckl. & Zeyh. (1)

Perennial. Herb. Ht ± 0.2 m, when in flower up to 1 m.
 Alt 200–1000 m. WC

schlechteri H.Wolff

Perennial. Herb. Ht ± 0.2 m, when in flower up to 0.7 m.
 Alt 1500–1800 m. EC

thunbergii B.L.Burtt

Perennial. Herb. Ht ± 0.2 m, when in flower ± 0.6 m.
 Alt ± 500 m. EC

villosa (Thunb.) Sond. = **A. grandiflora****wilmsii** H.Wolff

Perennial. Herb. Ht ± 0.2 m, when in flower up to 0.7 m.
 Alt up to 1700 m. LIM, M, S

***ANTHRISCUS** Pers. 5938000

- (1) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 182.
 (2) Lebrun & Stork. 1992. *Énumération des plantes à fleurs d'Afrique tropicale* 2: 236.

sylvestris (L.) Hoffm. var. **sylvestris**

Perennial. Herb. Ht 0.6–1.8 m. Alt 915–2438 m. L, EC

APIUM L. 6004000

- (1) Linnaeus. 1753. *Species plantarum* edn 1, 1: 264, 265.
 (2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 182–184.

***graveolens** L.

Biennial or perennial. Herb. Ht up to 1 m. Alt 2–2160 m.
 N, B, LIM, NW, G, FS, KZN, L, NC, WC, EC

leptophyllum (Pers.) F.Muell. ex Benth. = **Ciclospermum leptophyllum****inundatum** (L.) Rchb.f.

Perennial. Herb, hydrophyte. Ht up to 0.75 m. Alt? WC

prostratum Vent.

Perennial. Herb. Ht up to 0.3 m. Alt 5–914 m. N, NC, WC, EC

ARCTOPUS L. 5926000

- (1) Sonder. 1862. *FC* 2: 564, 565.
 (2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 184, 185.

dregei Sond.

Perennial. Herb. Ht up to 0.1 m. Alt ± 300 m. WC

echinatus L.

Perennial. Herb. Ht up to 0.1 m. Alt 50–1700 m. WC, EC

monacanthus Carmich. ex Sond.

Perennial. Herb. Ht up to 0.1 m. Alt 50–1700 m. WC

ATHAMANTA L. 6052000**lateriflora** Eckl. & Zeyh. = **Annesorhiza lateriflora****BERULA** W.D.J.Koch 6038010

- (1) Cannon. 1978. *FZ* 4: 600.
 (2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 185, 186.
 (3) Lebrun & Stork. 1992. *Énumération des plantes à fleurs d'Afrique tropicale* 2: 237.

erecta (Huds.) Coville subsp. **erecta**

Annual. Herb. Ht up to 1 m. Alt? EC

erecta (Huds.) Coville subsp. **thunbergii** (DC.) B.L.Burtt

B. thunbergii (DC.) H.Wolff (2)
Sium thunbergii DC. (2)

Perennial. Herb, hydrophyte. Ht 0.2–1.8 m. Alt 1–2105 m.
 WC, EC

thunbergii (DC.) H.Wolff = **B. erecta** subsp. **thunbergii****BUBON** L. 6042010**galbanum** L. = **Peucedanum galbanum****hypoleucum** Meisn. = **Peucedanum tenuifolium****montanum** Sond. = **Peucedanum tenuifolium****BUPLEURUM** L. 5994000

- (1) Linnaeus. 1753. *Species plantarum* edn 1, 1: 236.
 (2) Sonder. 1862. *FC* 2: 541.
 (3) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 187, 188.

arborescens Thunb., not of Jacq., illegitimate name =**Heteromorpha arborescens** var. **arborescens****collinum** (Eckl. & Zeyh.) D.Dietr. = **Heteromorpha arborescens** var. **collina****difforme** L. = **Anginon difforme****mundii** Cham. & Schldtl.

Perennial. Herb. Ht 0.3–1 m. Alt 15–3475 m. LIM, G, M, S, FS, KZN, L, NC, WC, EC

***rotundifolium** L.

Annual. Herb. Ht up to 0.6 m. Alt? LIM

trifoliatum H.L.Wendl. = **Heteromorpha arborescens** var. **abyssinica****CAPNOPHYLLUM** Gaertn. 6103000

- (1) Sonder. 1862. *FC* 2: 562.
 (2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 188, 189.
 (3) Goldblatt & Manning. 2000. *Strelitzia* 9: 275.

africanum (L.) W.D.J.Koch

Annual. Herb. Ht 0.1–0.2 m. Alt 6–915 m. WC

africanum (L.) W.D.J.Koch var. **leiocarpon** Sond. = **C. leiocarpon**

leiocarpon (Sond.) Manning & Goldblatt
C. africanum (L.) W.D.J.Koch var. *leiocarpon* Sond. (3)
 Annual. Herb. Ht 0.1–0.2 m. Alt? NC, WC

- CARUM** Sond. 6020010
capensis Sond. = **Chamarea capensis**
- ***CAUCALIS** L. 5950000
(1) Heywood. 1968. *Flora europaea* 2: 372.
(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 190.
daucooides L. = **C. platycarpus**
latifolia of author, not of L.; Jacot Guill. = **Agrocharis melanantha**
melanantha (Hochst.) Hiern = **Agrocharis melanantha platycarpus** L.
C. daucooides L. (1)
Annual. Herb. Ht 0.3–0.6 m. Alt 200–500? m. EC
- CENTELLA** L. 5894000
(1) Adamson. 1951. *Journal of South African Botany* 17,1: 1–48.
(2) Cannon. 1978. *FZ* 4: 561–565.
(3) Eichler. 1987. *Feddes Repertorium* 98: 11–23.
(4) Burtt. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45,2: 197, 198.
(5) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 190–200.
(6) Schubert & Van Wyk. 1995. *Nordic Journal of Botany* 15: 167–171.
(7) Schubert & Van Wyk. 1995. *Nordic Journal of Botany* 15: 263–268.
(8) Schubert & Van Wyk. 1996. *Bothalia* 26: 50, 51.
(9) Schubert & Van Wyk. 1997. *Nordic Journal of Botany* 17: 301–314.
(10) Schubert & Van Wyk. 1998. *Nordic Journal of Botany* 18: 461–470.
(11) Schubert & Van Wyk. 1999. *Nordic Journal of Botany* 19: 427–434.
affinis (Eckl. & Zeyh.) Adamson var. **affinis**
Hydrocotyle affinis Eckl. & Zeyh. (1)
Perennial. Herb. Ht ± 0.1 m. Alt 20–1000 m. WC
affinis (Eckl. & Zeyh.) Adamson var. **oblonga** Adamson
Perennial. Herb. Ht ± 0.1 m. Alt up to 1400 m. WC
annua M.T.R.Schubert & B.-E.van Wyk
Annual, short-lived perennial. Ht up to 0.1 m. Alt 200–1200 m. WC
asiatica (L.) Urb.
Perennial. Herb, climber. Ht up to 0.2 m. Alt 5–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
brachycarpa M.T.R.Schubert & B.-E.van Wyk
Perennial. Herb. Ht up to 0.5 m. Alt 20–300 m. WC
caespitosa Adamson
Perennial. Herb. Ht ± 0.1 m. Alt up to 1220 m. WC
calcaria M.T.R.Schubert & B.-E.van Wyk
Annual, short-lived perennial. Ht up to 0.1 m. Alt 20–100 m. WC
calliodus (Cham. & Schldl.) Drude
Hydrocotyle calliodus Cham. & Schldl. (1)
Perennial. Herb, climber. Ht up to 0.2 m. Alt 35–1530 m. WC
capensis (L.) Domin
Hydrocotyle solandra L.f. (1)
Perennial. Herb. Ht up to 0.3 m. Alt 5–900 m. WC
cochlearia (Domin) Adamson
C. glabrata L. var. **cochlearia** Domin (1)
Perennial. Herb. Ht up to 1 m. Alt 300–1200 m. WC
comptonii Adamson
Perennial. Herb. Ht ± 0.1 m. Alt 50–200 m. WC
coriacea Nannf.
Perennial. Herb. Ht up to 0.2 m. Alt 5–2000 m. KZN, EC
cryptocarpa M.T.R.Schubert & B.-E.van Wyk
Perennial. Herb. Ht up to 0.2 m. Alt ± 1400 m. WC
debilis (Eckl. & Zeyh.) Drude
Hydrocotyle debilis Eckl. & Zeyh. (1)
Perennial. Herb. Ht up to 0.3 m. Alt 10–900 m. WC, EC
dentata Adamson
Perennial. Herb. Ht up to 0.3 m. Alt 200–1000 m. WC
didymocarpa Adamson
Perennial. Herb. Ht up to 0.4 m. Alt up to 1600 m. WC, EC
diformis (Eckl. & Zeyh.) Adamson
Hydrocotyle difformis Eckl. & Zeyh. (1)
Perennial. Herb. Ht up to 0.3 m. Alt 5–1000 m. WC
dolichocarpa M.T.R.Schubert & B.-E.van Wyk
Perennial. Herb. Ht up to 0.3 m. Alt ± 1200 m. WC
dregeana (Sond.) Domin = **C. tridentata** var. **dregeana**
eriantha (Rich.) Drude var. **eriantha**
Hydrocotyle eriantha Rich. (1)
Perennial. Herb, climber. Ht up to 0.2 m. Alt 150–1200 m. WC, EC
eriantha (Rich.) Drude var. **orientalis** Adamson
Perennial. Herb, climber. Ht up to 0.2 m. Alt 30–300 m. EC
eriantha (Rich.) Drude var. **rotundifolia** Adamson
Perennial. Herb. Ht up to 0.2 m. Alt 100–1000 m. WC
flexuosa (Eckl. & Zeyh.) Drude
Hydrocotyle flexuosa Eckl. & Zeyh. (1)
Perennial. Herb. Ht up to 0.2 m. Alt 120–1600 m. WC
fourcadei Adamson
Perennial. Herb. Ht up to 0.3 m. Alt 20–1000 m. WC
fusca (Eckl. & Zeyh.) Adamson
Hydrocotyle fusca Eckl. & Zeyh. (1)
Perennial. Herb. Ht up to 1 m. Alt 300–1200 m. WC
glabrata L. var. **bracteata** Adamson
Perennial. Herb. Ht up to 0.3 m. Alt 300–600 m. WC
glabrata L. var. **cochlearia** Domin = **C. cochlearia**
glabrata L. var. **glabrata**
Hydrocotyle glabrata L.f. (1)
Perennial. Herb. Ht up to 0.3 m. Alt 5–2000 m. WC, EC
glabrata L. var. **natalensis** Adamson
Perennial. Herb. Ht up to 0.5 m. Alt 30–1900 m. M, S, KZN, L, EC
glaucua M.T.R.Schubert & B.-E.van Wyk
Perennial. Herb. Ht up to 1 m. Alt 400–1500 m. WC
graminifolia Adamson
Perennial. Herb. Ht up to 0.5 m. Alt 30–1900 m. M, S, KZN, L, EC
gymnocarpa M.T.R.Schubert & B.-E.van Wyk
Perennial. Herb. Ht up to 0.1 m. Alt 100–400 m. WC
hederifolia (Burch.) Drude = **C. macrodus**
hermanniifolia (Eckl. & Zeyh.) Domin var. **hermanniifolia** = **C. tridentata** var. **hermanniifolia**
hermanniifolia (Eckl. & Zeyh.) Domin var. **littoralis** (Eckl. & Zeyh.) Domin = **C. tridentata** var. **littoralis**
laevis Adamson
Hydrocotyle eriantha Rich. var. **glabrata** Sond. (1)
Perennial. Herb, climber. Ht up to 0.2 m. Alt 150–1200 m. WC
lanata Compton
Perennial. Herb, climber. Ht up to 0.2 m. Alt 150–1200 m. WC, EC
lasiophylla Adamson
Perennial. Herb. Ht up to 0.3 m. Alt 300–1500 m. WC
linifolia (L.f.) Drude var. **depressa** Adamson
Hydrocotyle linifolia L.f. (1)
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt ± 1200 m. WC

linifolia (L.f.) Drude var. **linifolia**

Perennial. Shrub. Ht up to 1 m. Alt 300–1200 m. WC

longifolia (Adamson) M.T.R.Schubert & B.-E.van Wyk
C. montana (Cham. & Schltdl.) Domin var. *longifolia* Adamson (11)

Perennial. Herb. Ht up to 0.2 m. Alt 200–1200 m. WC

macrocarpa (Rich.) Adamson var. **macrocarpa**

Hydrocotyle macrocarpa Rich. (1)

Perennial. Herb. Ht 0.1–1 m. Alt 10–1700 m. WC

macrocarpa (Rich.) Adamson var. **saxatilis** Adamson

Perennial. Herb. Ht up to 1.5 m. Alt 10–1700 m. WC

macroodus (Spreng.) B.L.Burtt

C. hederifolia (Burch.) Drude (4)

Hydrocotyle hederifolia Burch. (4)

Perennial. Herb. Ht up to 0.2 m. Alt 1000–1400 m. WC

montana (Cham. & Schltdl.) Domin

Hydrocotyle montana Cham. & Schltdl. (1)

Perennial. Herb. Ht up to 0.2 m. Alt 300–1200 m. WC, EC

montana (Cham. & Schltdl.) Domin var. *longifolia* Adamson
= **C. longifolia****pilosa** M.T.R.Schubert & B.-E.van Wyk

Perennial. Herb. Ht up to 0.2 m. Alt ± 300 m. WC

pottebergensis Adamson

Perennial. Herb. Ht up to 0.5 m. Alt up to 400 m. WC

recticarpa Adamson

Perennial. Herb. Ht up to 1 m. Alt 400–1500 m. WC

restioides Adamson

Perennial. Herb. Ht up to 1 m. Alt 900–1500 m. WC

rupestris (Eckl. & Zeyh.) Adamson

Hydrocotyle rupestris Eckl. & Zeyh. (1)

Perennial. Herb. Ht up to 0.5 m. Alt 500–700 m. WC

scabra Adamson

Perennial. Herb. Ht up to 0.3 m. Alt 300–1500 m. WC

sessilis Adamson

Perennial. Herb. Ht up to 0.4 m. Alt 300–1700 m. WC, EC

stenophylla Adamson

Perennial. Herb. Ht up to 0.6 m. Alt 300–2000 m. WC, EC

stipitata Adamson

Perennial. Herb. Ht up to 0.5 m. Alt up to 1200 m. WC

ternata M.T.R.Schubert & B.-E.van Wyk

Perennial. Herb. Ht up to 0.2 m. Alt ± 1600 m. WC

thesioides M.T.R.Schubert & B.-E.van Wyk

Perennial. Herb. Ht up to 1 m. Alt 500–1200 m. WC

tridentata (L.f.) Drude ex Domin var. **dregeana** (Sond.)

M.T.R.Schubert & B.-E.van Wyk

C. dregeana (Sond.) Domin (9)

Hydrocotyle dregeana Sond. (1)

Perennial. Herb. Ht up to 0.1 m. Alt ± 1000 m. NC

tridentata (L.f.) Drude ex Domin var. **hermanniifolia**
(Eckl. & Zeyh.) M.T.R.Schubert & B.-E.van Wyk

C. hermanniifolia (Eckl. & Zeyh.) Domin var. *hermanniifolia* (9)

Hydrocotyle hermanniifolia Eckl. & Zeyh. (1)

Perennial. Herb. Ht up to 0.1 m. Alt 20–200 m. EC

tridentata (L.f.) Drude ex Domin var. **litoralis** (Eckl. & Zeyh.)

M.T.R.Schubert & B.-E.van Wyk

C. hermanniifolia (Eckl. & Zeyh.) Domin var. *litoralis* (Eckl. & Zeyh.)

Domin (9)

Hydrocotyle hermanniifolia Eckl. & Zeyh. var. *litoralis* Sond. (1)

Perennial. Herb. Ht up to 0.1 m. Alt 10–100 m. WC

tridentata (L.f.) Drude ex Domin var. **tridentata**

Hydrocotyle tridentata L.f. (1)

Perennial. Herb. Ht up to 0.1 m. Alt 10–200 m. WC

triloba (Thunb.) Drude

Hydrocotyle triloba Thunb. (1)

Perennial. Dwarf shrub, herb. Ht 0.2–0.4 m. Alt 20–700 m. WC

umbellata M.T.R.Schubert & B.-E.van Wyk

Perennial. Herb. Ht up to 0.2 m. Alt ± 1600 m. WC

villosa L. var. **latifolia** (Eckl. & Zeyh.) Adamson

Perennial. Herb. Ht up to 0.2 m. Alt 700–1200 m. WC

villosa L. var. **villosa**

Hydrocotyle villosa L.f. (1)

Perennial. Herb. Ht up to 0.3 m. Alt 300–1500 m. WC

virgata (L.f.) Drude var. **congesta** Adamson

Perennial. Herb, suffrutex. Ht up to 1.5 m. Alt up to 1700 m. WC, EC

virgata (L.f.) Drude var. **gracilescens** Domin

Perennial. Herb. Ht up to 0.3 m. Alt up to 1000 m. WC, EC

virgata (L.f.) Drude var. **virgata**

Hydrocotyle virgata L.f. (1)

Perennial. Herb, suffrutex. Ht up to 1.5 m. Alt 10–1700 m. WC, EC

CHAMAREA Eckl. & Zeyh. 6020000

(1) Wolff. 1927. *Das Pflanzenreich* 90: 173.

(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 200, 201.

capensis (Thunb.) Eckl. & Zeyh.

Carum capensis Sond. (1)

Perennial. Herb. Ht up to 0.6 m. Alt 10–1900 m. WC

esterhuyseniae B.L.Burtt

Perennial. Herb. Ht up to 0.5? m. Alt ± 1800 m. WC

gracillima (H.Wolff) B.L.Burtt

Perennial. Herb. Ht up to 0.6 m. Alt 10–1800 m. WC, EC

longipedicellata B.L.Burtt

Perennial. Herb. Ht up to 0.4 m. Alt 10–2000 m. FS, L, NC, WC, EC

snijmaniae B.L.Burtt

Perennial. Herb. Ht up to 0.3 m. Alt ± 800 m. NC

CHORITAENIA Benth. 6129000

(1) Burtt Davy. 1912. *Annals of the Transvaal Museum* 3: 121.

(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 201, 202.

capensis Benth.

Annual. Herb. Ht 0.3–0.6 m. Alt 900–1500 m. LIM, NW, FS, NC

***CICLOSPERMUM** Lag. 6004010

(1) Sprague. 1923. *Journal of Botany, London* 61: 129.

(2) Constance. 1990. *Brittonia* 42: 276–278.

(3) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 202.

leptophyllum (Pers.) Sprague

Apium leptophyllum (Pers.) F.Muell. ex Benth. (2)

Annual. Herb. Ht 0.2–1.2 m. Alt 5–2100 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

CNIDIUM Cusson 6069010

suffruticosum Cham. & Schltdl. = **Dasispermum suffruticosum**

CONIUM L. 5970000

(1) Ecklon & Zeyher. 1836. *Enumeratio plantarum Africae australis extra-tropicae*: 355.

(2) Hilliard & Burtt. 1985. *South African Journal of Botany* 51,6: 465–474.

(3) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 202, 203.

chaerophylloides (Thunb.) Sond.

Biennial. Herb. Ht up to 2 m. Alt 15–3200 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC

fontanum Hilliard & B.L.Burtt var. **alticola** Hilliard & B.L.Burtt

Biennial. Herb. Ht 0.3–1 m. Alt 2745–3500 m. KZN, L, EC

fontanum Hilliard & B.L.Burtt var. **fontanum**

Biennial. Herb. Ht up to 1 m. Alt 1000–2400 m. M, KZN, L, EC

fontanum Hilliard & B.L.Burtt var. **silvaticum** Hilliard & B.L.Burtt

Biennial. Herb. Ht up to 3 m. Alt 900–1525 m. KZN

***maculatum** L.

Biennial. Herb. Ht up to 2 m. Alt ± 1000 m. WC

sphaerocarpum Hilliard & B.L.Burtt

Biennial. Herb. Ht up to 2 m. Alt 100–1400 m. NC, WC

***CORIANDRUM** L. 5953000

(1) Cannon. 1978. *FZ* 4: 575, 576.

(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 203.

sativum L.

Annual. Herb. Ht up to 1 m. Alt 900–1400 m. G, FS, KZN, EC

DASISPERMUM Raf. 6069020

(1) Burtt. 1988. *Notes from the Royal Botanic Garden Edinburgh* 45,1: 92, 93.

(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 204, 205.

(3) Tilney & Van Wyk. 1995. *South African Journal of Botany* 61,5: 245–248.

suffruticosum (P.J.Bergius) B.L.Burtt

Cnidium suffruticosum Cham. & Schltdl. (1)

Heteroptilis suffruticosa (P.J.Bergius) Leute (1)

Perennial. Herb. Ht 0.1–0.3 m. Alt 0–100 m. KZN, WC, EC

***DAUCUS** L. 6142000

(1) Sonder. 1862. *FC* 2: 563.

(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 205.

carota L.

Biennial. Herb. Ht 0.3–1.8 m. Alt 150–800 m. NW, G, WC, EC

DEVERRA DC. 6013000

(1) Schreiber. 1967. *FSWA* 103: 4, 5.

(2) Pfisterer & Podlech. 1986. *Mitteilungen der Botanischen Staatssammlung München* 22: 571.

(3) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 205, 206.

aphylla (Cham. & Schltdl.) DC. = **D. denudata** subsp. **aphylla****burchellii** (DC.) Eckl. & Zeyh.

Pituranthos burchellii (DC.) Benth. & Hook.f. ex Schinz (1)

Perennial. Shrub. Ht 0.3–1.4 m. Alt 300–1800 m. N, B, LIM, NW, FS, NC, EC

denudata (Viv.) Pfisterer & Podlech subsp. **aphylla** (Cham. & Schltdl.) Pfisterer & Podlech

D. aphylla (Cham. & Schltdl.) DC. (2)

Pituranthos aphyllus (Cham. & Schltdl.) Benth. & Hook.f. ex Schinz (2)

Perennial. Shrub. Ht 0.3–1 m. Alt 60–2000 m. N, NW, FS, NC, WC, EC

DIPLOLOPHIUM Turcz. 6054000

(1) Schreiber. 1967. *FSWA* 103: 1–9.

(2) Hilliard & Burtt. 1983. *Notes from the Royal Botanic Garden Edinburgh* 40,2: 259.

swynnertonii (Baker f.) C.Norman

Perennial. Herb. Ht 1–2 m. Alt ± 1220 m. LIM

DRACOSCIADIUM Hilliard & B.L.Burtt 6016010

(1) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43,2: 220–225.

(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 206, 207.

italae Hilliard & B.L.Burtt

Perennial. Herb. Ht up to 0.6 m. Alt ± 1300 m. KZN

saniculifolium Hilliard & B.L.Burtt

Perennial. Herb. Ht up to 0.5 m. Alt 2300–3100 m. KZN

EZOSCIADIUM B.L.Burtt 6020030

(1) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 207.

capense (Eckl. & Zeyh.) B.L.Burtt

Trachysciadium capense Eckl. & Zeyh. (1)

Annual. Herb. Ht up to 0.3 m. Alt ± 150 m. EC

***FOENICULUM** Mill. 6062000

(1) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 207, 208.

officinale All. = **F. vulgare** var. **vulgare****vulgare** Mill. var. **vulgare**

F. officinale All. (1)

Perennial. Herb. Ht 1–3 m. Alt 50–2000 m. NW, G, M, KZN, WC, EC

GLIA Sond. 6078010

(1) Burtt. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45,2: 200.

(2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 208–211.

capensis (Houtt.) B.L.Burtt = **G. prolifera****gummifera** (L.) Sond. = **Peucedanum gummiferum****prolifera** (Burm.f.) B.L.Burtt

Annesorhiza gummifera (L.) Jacks. (2)

Annesorhiza inebrians (Thunb.) Wijnands (2)

G. capensis (Houtt.) B.L.Burtt (2)

Peucedanum abbreviatum E.Mey. ex Meisn. (2)

Perennial. Herb. Ht 0.3–1.6 m. Alt 200–1300 m. WC

HERMAS L. 5917000

(1) Linnaeus. 1771. *Mantissa plantarum* 2: 299.

(2) Ecklon & Zeyher. 1836. *Enumeratio plantarum Africae australis extratropicae*: 355.

(3) Sonder. 1862. *FC* 2: 565–567.

(4) Norman. 1928. *Journal of Botany, London* 66: 195.

(5) Norman. 1933. *Journal of Botany, London* 69: 125.

(6) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 211–213.

capitata L.f.

H. capitata L.f. var. *minima* (Eckl. & Zeyh.) Sond. (6)

H. minima Eckl. & Zeyh. (6)

Perennial. Herb. Ht up to 0.1 m, when in flower up to 0.3 m. Alt 300–1800 m. WC, EC

capitata L.f. var. **minima** (Eckl. & Zeyh.) Sond. = **H. capitata****ciliata** L.f.

Perennial. Herb. Ht up to 0.2 m, when in flower up to 0.9 m. Alt 300–1500 m. WC, EC

depauperata L. = **H. villosa****gigantea** L.f.

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 800–1800 m. WC

intermedia C.Norman

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 1500–1800 m. WC

minima Eckl. & Zeyh. = **H. capitata****pillansii** C.Norman

Perennial. Dwarf shrub. Ht up to 1 m. Alt 900–1800 m. WC

quercifolia Eckl. & Zeyh. = **H. quinquedentata**

quinquedentata L.f.

H. quercifolia Eckl. & Zeyh. (6)

Perennial. Herb. Ht up to 0.3 m, when in flower up to 0.7 m. Alt 1500–2000 m. WC

villosa (L.) Thunb.

H. depauperata L. (6)

Perennial. Dwarf shrub. Ht up to 1 m. Alt 200–1600 m. WC

HETEROMORPHA Cham. & Schltldl. 5992000

(1) Burt. 1991. *Edinburgh Journal of Botany* 48,2: 213–215.

(2) Winter & Van Wyk. 1996. *Kew Bulletin* 51: 225–265.

abyssinica Hochst. ex A.Rich. var. *abyssinica* = **H. arborescens** var. **abyssinica**

abyssinica Hochst. ex A.Rich. var. *simplicifolia* A.Rich. = **H. arborescens** var. **abyssinica**

arborescens (Spreng.) Cham. & Schltldl. var. **abyssinica** (A.Rich.) H. Wolff

Bupleurum trifoliatum H.L. Wendl. (2)

H. abyssinica Hochst. ex A.Rich. var. *abyssinica* (2)

H. abyssinica Hochst. ex A.Rich. var. *simplicifolia* A.Rich. (2)

H. arborescens (Spreng.) Cham. & Schltldl. var. *trifoliata* (H.L. Wendl.) Sond. (2)

H. trifoliata (H.L. Wendl.) Eckl. & Zeyh. (2)

Perennial. Tree, shrub. Ht up to 15 m. Alt up to 2800 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

arborescens (Thunb.) Cham. & Schltldl. var. **arborescens**

Bupleurum arborescens Thunb., not of Jacq., illegitimate name (1)

H. arborescens (Spreng.) Cham. & Schltldl. var. *integrifolia* Sond., illegitimate name (2)

H. arborescens (Spreng.) Cham. & Schltldl. var. *platyphyllum* in sense of H. Wolff (2)

Perennial. Tree, shrub. Ht 2–8 m. Alt 10–1800 m. FS, KZN, L, NC, WC, EC

arborescens (Spreng.) Cham. & Schltldl. var. **collina** (Eckl. & Zeyh.) Sond.

Bupleurum collinum (Eckl. & Zeyh.) D. Dietr. (2)

H. arborescens (Spreng.) Cham. & Schltldl. var. *collina* (Eckl. & Zeyh.) Sond. forma *anomala* H. Wolff (2)

H. arborescens (Spreng.) Cham. & Schltldl. var. *collina* (Eckl. & Zeyh.) Sond. forma *normalis* H. Wolff (2)

H. collina Eckl. & Zeyh. (2)

Perennial. Shrub. Ht 0.4–3 m. Alt 300–1500 m. KZN, EC

arborescens (Spreng.) Cham. & Schltldl. var. *collina* (Eckl. & Zeyh.) Sond. forma *anomala* H. Wolff = **H. arborescens** var. **collina**

arborescens (Spreng.) Cham. & Schltldl. var. *collina* (Eckl. & Zeyh.) Sond. forma *normalis* H. Wolff = **H. arborescens** var. **collina**

arborescens (Spreng.) Cham. & Schltldl. var. **frutescens** P. Winter

Perennial. Shrub. Ht up to 2 m. Alt up to 1500 m. LIM, M, S, KZN

arborescens (Spreng.) Cham. & Schltldl. var. *integrifolia* Sond., illegitimate name = **H. arborescens** var. **arborescens**

arborescens (Spreng.) Cham. & Schltldl. var. *platyphyllum* in sense of H. Wolff = **H. arborescens** var. **arborescens**

arborescens (Spreng.) Cham. & Schltldl. var. *trifoliata* (H.L. Wendl.) Sond. = **H. arborescens** var. **abyssinica**

collina Eckl. & Zeyh. = **H. arborescens** var. **collina**

involucrata Conrath

H. kassneri H. Wolff (2)

H. stolzii H. Wolff (2)

Perennial. Shrub. Ht 0.4–0.8 m. Alt 500–2600 m. M, S, KZN

kassneri H. Wolff = **H. involucrata**

papillosa C.C. Towns.

Perennial. Shrub. Ht up to 1.8 m. Alt ± 1800 m. N

pubescens Burt. Davy

Perennial. Shrub. Ht 0.6–1.5 m. Alt 700–1500 m. LIM, M

stenophylla Welw. ex Schinz var. **stenophylla**

Perennial. Suffrutex. Ht 0.5–1.8 m. Alt 1300–1800 m. N

stenophylla Welw. ex Schinz var. **transvaalensis** (Schltr. & H. Wolff) P. Winter

H. transvaalensis Schltr. & H. Wolff (2)

Perennial. Suffrutex. Ht 0.5–1.8 m. Alt 350–1600 m. LIM, M, KZN

stolzii H. Wolff = **H. involucrata**

transvaalensis Schltr. & H. Wolff = **H. stenophylla** var. **transvaalensis**

trifoliata (H.L. Wendl.) Eckl. & Zeyh. = **H. arborescens** var. **abyssinica**

HETEROPTILIS E. Mey. ex Meisn. 6069000

suffruticosa (P.J. Bergius) Leute = **Dasispermum suffruticosum**

HYDROCOTYLE L. 5893000

(1) Linnaeus. 1753. *Species plantarum* edn 1, 1: 234.

(2) Linnaeus. 1781. *Supplementum plantarum systematis vegetabilium*: 177.

(3) Cannon. 1978. *FZ* 4: 557–561.

(4) Eichler. 1987. *Feddes Repertorium* 98: 1–51; 145–196, 273–351.

(5) Burt. 1991. *Edinburgh Journal of Botany* 48,2: 215–220.

affinis Eckl. & Zeyh. = **Centella affinis** var. **affinis**

***americana** L.

Perennial. Herb, hydrophyte. Ht 0.1–0.3 m. Alt 100–2600 m. LIM, G, M, S, KZN, L

bonariensis Lam.

Perennial. Herb, hydrophyte. Ht 0.1–0.3 m. Alt 0–50 m. KZN, EC

calliodus Cham. & Schltldl. = **Centella calliodus**

debilis Eckl. & Zeyh. = **Centella debilis**

difformis Eckl. & Zeyh. = **Centella difformis**

dregeana Sond. = **Centella tridentata** var. **dregeana**

eriantha Rich. = **Centella eriantha** var. **eriantha**

eriantha Rich. var. *glabrata* Sond. = **Centella laevis**

flexuosa Eckl. & Zeyh. = **Centella flexuosa**

fusca Eckl. & Zeyh. = **Centella fusca**

glabrata L.f. = **Centella glabrata** var. **glabrata**

hederifolia Burch. = **Centella macrodus**

hermanniifolia Eckl. & Zeyh. = **Centella tridentata** var. **hermanniifolia**

hermanniifolia Eckl. & Zeyh. var. *littoralis* Sond. = **Centella tridentata** var. **littoralis**

linifolia L.f. = **Centella linifolia** var. **depressa**

macrocarpa Rich. = **Centella macrocarpa** var. **macrocarpa**

montana Cham. & Schltldl. = **Centella montana**

***ranunculoides** L.f.

Perennial. Herb, hydrophyte. Ht 0.1–0.3 m. Alt? B

rupestris Eckl. & Zeyh. = **Centella rupestris**

schlechteri H. Wolff

Perennial. Herb, hydrophyte. Ht 0.1–0.3 m. Alt? LIM, G, M

solandra L.f. = **Centella capensis**

tridentata L.f. = **Centella tridentata**

triloba Thunb. = **Centella triloba**

verticillata Thunb.

Perennial. Herb, hydrophyte. Ht 0.1–0.3 m. Alt 0–1500 m.
B, LIM, NW, G, M, KZN, NC, WC

villosa L.f. = **Centella villosa** var. **villosa**

virgata L.f. = **Centella virgata** var. **virgata**

ITASINA Raf. 6046020

- (1) Burt. 1988. *Notes from the Royal Botanic Garden Edinburgh* 45,1: 93, 94.
(2) Burt. 1991. *Edinburgh Journal of Botany* 48,2: 220, 221.

filifolia (Thunb.) Raf.

Thunbergiella filiformis (Koso-Pol.) H. Wolff (1)

Perennial. Herb. Ht up to 0.5 m. Alt 20–1400 m. WC

LEFEBVREA A. Rich. 6116020

upingtoniae Schinz = **Peucedanum upingtoniae**

LICHTENSTEINIA Cham. & Schldtl. 5990000

- (1) Sonder. 1862. *FC* 2: 542–544.
(2) Bolus. 1907. *Transactions of the South African Philosophical Society* 16: 136, 137.
(3) Burt. 1991. *Edinburgh Journal of Botany* 48,2: 221–225.
(4) Goldblatt & Manning. 2000. *Strelitzia* 9: 277, 278.

beiliana Eckl. & Zeyh. var. *beiliana* = **L. obscura**

beiliana Eckl. & Zeyh. var. *simplicior* Sond. = **L. obscura**

crassijuga E. Mey. ex Sond. = **L. trifida** var. **trifida**

interrupta (Thunb.) Sond.

L. kolbeana Bolus (4)

L. pyrethrifolia Cham. & Schldtl. (1)

Perennial. Herb. Ht 0.5–1.2 m. Alt 500–1700 m. KZN, WC, EC

kolbeana Bolus = **L. interrupta**

lacera Cham. & Schldtl.

L. lacera Cham. & Schldtl. var. *pinnatifida* Sond. (3)

Perennial. Herb. Ht 0.5–1.4 m. Alt 20–300 m. WC

lacera Cham. & Schldtl. var. *pinnatifida* Sond. = **L. lacera**

latifolia Eckl. & Zeyh.

Perennial. Herb. Ht up to 1.2 m. Alt 500–1500 m. WC, EC

obscura (Spreng.) Koso-Pol.

L. beiliana Eckl. & Zeyh. var. *beiliana* (3)

L. beiliana Eckl. & Zeyh. var. *simplicior* Sond. (3)

Perennial. Herb. Ht up to 1.2 m. Alt 20–1200 m. WC

pyrethrifolia Cham. & Schldtl. = **L. interrupta**

trifida Cham. & Schldtl. var. **palmata** (DC.) Sond.

Perennial. Herb. Ht up to 1.2 m. Alt 500–1500 m. WC

trifida Cham. & Schldtl. var. **pinnatifida** Sond.

Perennial. Herb. Ht up to 1.2 m. Alt 500–1500 m. WC

trifida Cham. & Schldtl. var. **trifida**

L. crassijuga E. Mey. ex Sond. (4)

Perennial. Herb. Ht up to 1.2 m. Alt 500–1500 m. WC

MARLOTHIELLA H. Wolff 5996010

- (1) Schreiber. 1967. *FSWA* 103: 7.
(2) Burt. 1991. *Edinburgh Journal of Botany* 48,2: 225.

gummifera H. Wolff

Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 0–100 m. N

OENANTHE L. 6046000

ferulacea Thunb. = **Peucedanum ferulaceum** var. **ferulaceum**

***PASTINACA** L. 6120000

- (1) Linnaeus. 1753. *Species plantarum* edn 1, 1: 262.
(2) Burt. 1991. *Edinburgh Journal of Botany* 48,2: 226.

capensis Sond. = **P. sativa**

sativa L.

P. capensis Sond. (2)

Biennial. Herb. Ht 0.6–1 m. Alt 520–2200 m. NW, G, M, FS, KZN, WC, EC

***PETROSELINUM** Hill 6006000

- (1) Burt. 1991. *Edinburgh Journal of Botany* 48,2: 227.

crispum (Mill.) A. W. Hill

P. hortense Hoffm. (1)

Biennial. Herb. Ht ± 0.2 m, when in flower up to 0.8 m.
Alt? WC

hortense Hoffm. = **P. crispum**

PEUCEDANUM L. 6116000

- (1) Linnaeus. 1753. *Species plantarum* edn 1, 1: 245, 246.
(2) Ecklon & Zeyher. 1836. *Enumeratio plantarum Africae australis extra-tropicae*: 859–931.
(3) Sonder. 1862. *FC* 2: 553–559.
(4) Bentham & Hooker. 1867. *Genera plantarum* 1: 918, 919.
(5) Engler & Prantl. 1898. *Die natürlichen Pflanzenfamilien* 3,8: 237.
(6) Wolff. 1912. *Botanische Jahrbücher* 48: 278–283.
(7) Phillips. 1917. *Annals of the South African Museum* 16: 108.
(8) Engler. 1921. *Die Pflanzenwelt Afrikas* 3,2: 793, 823.
(9) Wolff. 1921. *Botanische Jahrbücher* 57: 231–233.
(10) Burt. 1932. *A manual of the flowering plants and ferns of the Transvaal with Swaziland, South Africa* 2: 520, 521.
(11) Adamson. 1938. *Journal of Botany, London* 76: 345.
(12) Cannon. 1970. *Conspectus florae angolensis* 4: 354–357.
(13) Arnold. 1978. *Bothalia* 12: 441–443.
(14) Wijnands. 1983. *Botany of the Commelins*: 199, 200.
(15) Burt. 1988. *Notes from the Royal Botanic Garden Edinburgh* 45,1: 94.
(16) Burt. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45,2: 200.
(17) Burt. 1991. *Edinburgh Journal of Botany* 48,2: 227–240.
(18) Goldblatt & Manning. 2000. *Strelitzia* 9: 278, 279.

abbreviatum E. Mey. ex Meisn. = **Glia prolifera**

abbreviatum E. Mey. ex Sond., illegitimate name = **P. camdeboense**

caffrum (Meisn.) E. Phillips

P. conatum E. Mey. (17)

Seseli caffrum Meisn. (7)

Perennial. Herb. Ht 0.5–2 m. Alt 10–2400 m. LIM, M, FS, KZN, L, EC

camdeboense B. L. Burt

P. abbreviatum E. Mey. ex Sond., illegitimate name (17)

Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? WC

capense (Thunb.) Sond. var. **capense**

Perennial. Shrub. Ht 0.5–2.5 m. Alt 45–1830 m. M, S, KZN, L, NC, WC, EC

capense (Thunb.) Sond. var. **lanceolatum** Sond.

P. laevigatum (Aiton) H. Wolff (17)

Perennial. Shrub. Ht 0.5–2.5 m. Alt 30–1980 m. FS, L, NC, WC, EC

capillaceum Thunb. var. **capillaceum**

Perennial. Herb. Ht ± 0.6 m. Alt 300–1200 m. WC, EC

capillaceum Thunb. var. **rigidum** Sond.

Perennial. Herb. Ht ± 0.6 m. Alt 300–1200 m. WC, EC

conatum E. Mey. = **P. caffrum**

cynorhiza Sond. = **P. typicum**

dregeanum D. Dietr.

P. ecklonianum Sond. (17)

Perennial. Herb. Ht up to 0.5 m. Alt up to 765 m. EC

ecklonianum Sond. = **P. dregeanum**

ferulaceum (Thunb.) Eckl. & Zeyh. var. **ferulaceum**

Oenanthe ferulacea Thunb. (2)

Perennial. Herb. Ht up to 1.2 m. Alt 10–1615 m. NC, WC
ferulaceum (Thunb.) Eckl. & Zeyh. var. **stadense** (Eckl. & Zeyh.) Sond.
 Perennial. Herb. Ht up to 1.2 m. Alt 300–600 m. EC
galbaniopse H. Wolff
 Perennial. Shrub. Ht up to 1.2 m. Alt up to 610 m. WC
galbanum (L.) Drude
Bubon galbanum L. (4)
 Perennial. Shrub. Ht up to 3 m. Alt ± 100 m. WC
hypoleucum (Meisn.) Drude = **P. tenuifolium**
gummiferum (L.) Wijnands
Glia gummifera (L.) Sond. (17)
 Perennial. Herb. Ht up to 0.7 m. Alt 350–1220 m. WC
hypoleucum (Meisn.) Drude = **P. tenuifolium**
khamiesbergense B.L. Burtt
 Perennial. Shrub. Ht up to 1 m. Alt ± 1800 m. NC
laevigatum (Aiton) H. Wolff = **P. capense** var. **lanccolatum**
lateriflorum (Eckl. & Zeyh.) Sond. = **Annesorhiza lateriflora**
magalismontanum Sond.
P. schlechterianum H. Wolff (17)
 Perennial. Herb. Ht up to 1 m. Alt 800–2000 m. G, M, S, FS, KZN
millefolium Sond.
 Perennial. Herb. Ht up to 0.6 m. Alt up to 100 m. WC
montanum (Sond.) Drude = **P. tenuifolium**
multiradiatum Drude
 Perennial. Herb. Ht up to 0.5 m. Alt 365–1130 m. WC
natalense (Sond.) Engl.
Seseli natalense Sond. (8)
 Perennial. Herb. Ht 0.4–1 m. Alt 80–670 m. KZN
olifantianum (Koso-Pol.) M. Hiroe = **P. typicum**
pearsonii Adamson
 Perennial. Herb. Ht 0.4–0.7 m. Alt ± 1700 m. NC, WC
platycarpum E. Mey. ex Sond.
 Perennial. Herb. Ht up to 1 m. Alt 300–1200 m. KZN, EC
pungens E. Mey. ex Sond.
 Perennial. Shrub. Ht up to 2 m. Alt ± 200 m. WC
schlechterianum H. Wolff = **P. magalismontanum**
sieberianum Sond. = **P. strictum**
sonderi (M. Hiroe) B.L. Burtt = **P. tenuifolium**
striatum (Thunb.) Sond.
 Perennial. Dwarf shrub. Ht up to 0.4 m. Alt up to 400 m. WC
strictum (Spreng.) B.L. Burtt
P. sieberianum Sond. (17)
 Perennial. Herb. Ht up to 0.6 m. Alt 160–1220 m. WC
sulcatum Sond.
 Perennial. Herb. Ht 1.5–1.8 m. Alt 10–900 m. NC, WC
tenuifolium Thunb.
Bubon hypoleucum Meisn. (4)
Bubon montanum Sond. (16)
P. hypoleucum (Meisn.) Drude (18)
P. montanum (Sond.) Drude (16)
P. sonderi (M. Hiroe) B.L. Burtt (18)
 Perennial. Herb. Ht up to 2 m. Alt 600–1400 m. WC, EC
thodei Arnold
 Perennial. Herb. Ht up to 2 m. Alt 1700–2600 m. M, KZN, L, NC, EC
triternatum Eckl. & Zeyh.
 Perennial. Herb. Ht up to 1 m. Alt ± 1000 m. WC

typicum (Eckl. & Zeyh.) B.L. Burtt
P. cynorhiza Sond. (17)
P. olifantianum (Koso-Pol.) M. Hiroe (18)
 Perennial. Herb. Ht 1.5–1.8 m. Alt 0–100 m. EC
upingtoniae (Schinz) Drude
Lefebvrea upingtoniae Schinz (5)
P. venosum Burtt Davy (17)
 Perennial. Herb. Ht up to 2 m. Alt 925–1220 m. LIM, M, S, KZN, EC
venosum Burtt Davy = **P. upingtoniae**
wilmsianum H. Wolff
 Perennial. Herb. Ht up to 1.5 m. Alt 400–1100 m. KZN, EC
zeyheri Sond. = **P. olifantianum**
PHLYCTIDOCARPA Cannon & W.L. Theob. 5970010
 (1) Schreiber. 1967. *FSWA* 103: 7, 8.
 (2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 240.
flava Cannon & W.L. Theob.
 Annual. Herb. Ht up to 0.6 m. Alt ± 1500 m. N
PIMPINELLA L. 6033000
 (1) Wolff. 1927. *Das Pflanzenreich* 90: 219–315.
 (2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 240–242.
caffra (Eckl. & Zeyh.) D. Dietr.
 Perennial. Herb. Ht 0.3–0.8 m. Alt 10–3275 m. S, KZN, L, EC
hydrophila H. Wolff
 Perennial. Herb, hydrophyte. Ht ± 0.3 m. Alt ± 1200 m. M
krookii H. Wolff
 Perennial. Herb. Ht ± 0.4 m. Alt 1000–1600 m. KZN
reenensis Rech.f. = **P. stadensis**
schlechteri H. Wolff
 Perennial. Herb. Ht up to 0.6 m. Alt 300–2000 m. EC
stadensis (Eckl. & Zeyh.) D. Dietr.
P. reenensis Rech.f. (2)
 Perennial. Herb. Ht up to 0.6 m. Alt 300–2800 m. KZN, EC
transvaalensis H. Wolff
 Perennial. Herb. Ht up to 0.7 m. Alt 975–2200 m. LIM, G, M, S, FS, KZN
PITURANTHOS Viv. 6013010
aphyllus (Cham. & Schltdl.) Benth. & Hook.f. ex Schinz
 = **Deverra denudata** subsp. **aphylla**
burchellii (DC.) Benth. & Hook.f. ex Schinz = **Deverra burchellii**
POLEMANNIA Eckl. & Zeyh. 6045000
 (1) Sonder. 1862. *FC* 2: 550, 551.
 (2) Engler. 1921. *Die Pflanzenwelt Afrikas* 3,2: 791, 816.
 (3) Wolff. 1922. *Botanische Jahrbücher* 57: 228–230.
 (4) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43,2: 225–228.
 (5) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 242, 243.
grossulariifolia Eckl. & Zeyh.
 Perennial. Shrub. Ht up to 3 m. Alt up to 2010 m. EC
marlothii H. Wolff ex Engl. = **Polemanniopsis marlothii**
montana Schltr. & H. Wolff
 Perennial. Tree, shrub. Ht up to 4 m. Alt up to 2715 m. FS, KZN, L, EC
simplicior Hilliard & B.L. Burtt
 Perennial. Shrub. Ht up to 3 m. Alt up to 2900 m. FS, KZN, L, EC

verticillata Sond. = **Anginon verticillatum**

POLEMANNIOPSIS B.L.Burtt 6045010

- (1) Burtt. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45,3: 493–501.
 (2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 243, 244.

marlothii (H. Wolff) B.L.Burtt

Annesorhiza marlothii (H. Wolff) M.Hiroe, illegitimate name (2)
Polemanna marlothii H. Wolff ex Engl. (1)

Perennial. Shrub. Ht 1–4 m. Alt 140–1450 m. NC, WC

RHYTICARPUS Sond. 5996000

difformis (L.) Briq. = **Anginon difforme**

ecklonis Sond. = **Anginon swellendamensis**

rugosus (Thunb.) Sond. = **Anginon rugosum**

swellendamensis (Eckl. & Zeyh.) Briq. = **Anginon swellendamensis**

SANICULA L. 5918000

- (1) Cannon. 1978. *FZ* 4: 565, 566.
 (2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 245, 246.

elata Buch.-Ham. ex D.Don

S. europaea in sense of Sond., misapplied name (1)

Perennial. Herb. Ht up to 0.8 m. Alt 67–1950 m. LIM, M, S, FS, KZN, L, WC, EC

europaea in sense of Sond., misapplied name = **S. elata**

SESELI L. 6042000

caffrum Meisn. = **Peucedanum caffrum**

natalense Sond. = **Peucedanum natalense**

SIUM L. 6038000

- (1) Cannon. 1978. *FZ* 4: 597, 598.
 (2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 247, 248.

repandum Welw. ex Hiern

Perennial. Herb, hydrophyte. Ht up to 1.5 m. Alt 550–2150 m. LIM, NW, G, M, S, FS, KZN, L, EC

thunbergii DC. = **Berula erecta** subsp. **thunbergii**

SONDERINA H. Wolff 6017010

- (1) Wolff. 1927. *Das Pflanzenreich* 90: 93, 94.
 (2) Adamson. 1939. *Journal of South African Botany* 5: 55.
 (3) Merxmüller. 1951. *Mitteilungen der Botanischen Staatssammlung München* 1: 19.
 (4) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 248, 249.

caruifolia (Sond.) H. Wolff

Annual. Herb. Ht up to 0.5 m. Alt 20–800 m. WC

didyma (Sond.) Adamson = **Stoibrax capense**

hispidia (Thunb.) H. Wolff

Annual. Herb. Ht 0.2–0.5 m. Alt 5–700 m. WC, EC

humilis (Meisn.) H. Wolff

Annual. Herb. Ht up to 0.3 m. Alt 50–300 m. KZN, EC

streya Merxm. = **Anginon streyi**

tenuis (Sond.) H. Wolff

Annual. Herb. Ht up to 0.2 m. Alt 20–500 m. WC

STEGANOTAENIA Hochst. 6116010

- (1) Cannon. 1978. *FZ* 4: 616–619.
 (2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 249, 250.
 (3) Glen & Onderstall. 1991. *The Flowering Plants of Africa* 51: t. 2031.

araliacea Hochst. var. **araliacea**

Perennial. Tree. Ht up to 10 m. Alt 200–1200 m. N, B, LIM, M

STENOSEMIS E.Mey. ex Sond. 6078020

- (1) Hilliard & Burtt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37,2: 324, 325.
 (2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 250.

angustifolia E.Mey. ex Sond.

Perennial. Herb. Ht up to 0.5 m. Alt 100–1900 m. KZN, EC

caffra (Eckl. & Zeyh.) Sond.

Perennial. Herb. Ht up to 0.9 m. Alt up to 600 m. EC

STOIBRAX Raf. 6014010

- (1) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 250, 251.

capense (Lam.) B.L.Burtt

Sonderina didyma (Sond.) Adamson (1)

Annual. Herb. Ht up to 0.2 m. Alt 30–300 m. WC

***TORILIS** Adans. 5945000

- (1) Cannon. 1978. *FZ* 4: 570–572.
 (2) Burtt. 1991. *Edinburgh Journal of Botany* 48,2: 251, 252.

arvensis (Huds.) Link

Annual. Herb. Ht up to 1 m. Alt 6–1340 m. NC, WC, EC

nodosa (L.) Gaertn.

Annual. Herb. Ht up to 0.5 m. Alt up to 516 m. EC

TRACHYSCIADIUM H. Wolff 6020020

capense Eckl. & Zeyh. = **Ezosciadium capense**

THUNBERGIELLA H. Wolff 6046010

filiformis (Koso-Pol.) H. Wolff = **Itasina filifolia**

APOCYNACEAE

Compiled by J.E. Victor, A. Nicholas, P.V. Bruyns, H.J.T. Venter & H.F. Glen

ACOKANTHERA G. Don 6558000

- (1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 24.
 (2) Codd. 1963. *FSA* 26: 245–250.
 (3) Kupicha. 1982. *Kew Bulletin* 37: 41–67.
 (4) Kupicha. 1985. *FZ* 7,2: 404–408.

oblongifolia (Hochst.) Codd

A. spectabilis (Sond.) Hook.f. (2)

Perennial. Tree, shrub. Ht 1.8–6 m. Alt 0–950 m. KZN, EC

oppositifolia (Lam.) Codd

A. venenata in sense of Stapf, not of G. Don, misapplied name (2)

Perennial. Tree, shrub. Ht 0.6–6 m. Alt 0–1950 m. LIM, NW, G, M, S, KZN, WC, EC

rotundata (Codd) Kupicha

A. schimperii (A. DC.) Schweinf. var. *rotundata* Codd (3)

Perennial. Tree, shrub. Ht 1.5–5.5 m. Alt 0–1250 m. LIM, M, S, KZN

schimperi (A.DC.) Schweinf. var. *rotundata* Codd = **A. rotundata**

spectabilis (Sond.) Hook.f. = **A. oblongifolia**

venenata in sense of Stapf, not of G.Don, misapplied name = **A. oppositifolia**

ADENIUM Roem. & Schult. 6680000

(1) Codd. 1963. *FSA* 26: 244–296.

(2) Plaizier. 1980. *Mededelingen Landbouwhogeschool Wageningen* 80,12: 9–13.

(3) Plaizier. 1985. *FZ* 7,2: 395–503.

boehmianum Schinz

Perennial. Shrub, succulent. Ht 0.2–2 m. Alt 300–1200 m. N

multiflorum Klotzsch

A. obesum (Forssk.) Roem. & Schult. var. *multiflorum* (Klotzsch) Codd (2)

Perennial. Shrub, succulent. Ht 0.3–2 m. Alt 45–610 m. LIM, M, S, KZN

obesum (Forssk.) Roem. & Schult. var. *multiflorum* (Klotzsch) Codd = **A. multiflorum**

oleifolium Stapf

Perennial. Dwarf shrub, succulent. Ht 0.1–0.5 m. Alt 700–1051 m. N, B, LIM, NC

swazicum Stapf

Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt 185–395 m. M, S

ANCYLOBOTRYS Pierre 6562020

(1) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 352.

(2) Kupicha. 1985. *FZ* 7,2: 422–427.

capensis (Oliv.) Pichon

Landolphia capensis Oliv. (2)

Perennial. Shrub, climber. Ht 0.3–3 m. Alt 750–1900 m. B, LIM, NW, G, M, KZN

petersiana (Klotzsch) Pierre

Landolphia petersiana (Klotzsch) T.-Dyer (2)

Perennial. Shrub, climber. Ht 0.2–6 m. Alt 15–860 m. LIM, KZN

ANGOLLUMA R.Munster 6884040

lugardii (N.E.Br.) Plowes = **Orbea lugardii**

miscella (N.E.Br.) Plowes = **Orbea miscella**

rogersii (L.Bolus) Plowes = **Orbea rogersii**

schweinfurthii (A.Berger) Plowes = **Orbea schweinfurthii**

ubomboensis (I.Verd.) Plowes = **Orbea ubomboensis**

ANISOTOMA Fenzl 6868000

(1) Brown. 1907. *FC* 4: 315–418.

cordifolia Fenzl

Perennial. Herb. Ht 0.1–0.2 m. Alt? EC

pedunculata N.E.Br.

Perennial. Herb. Ht 0.1–0.2 m. Alt? LIM, M, S, FS, KZN, L

APOCYNUM L. 6684000

filiforme L.f. = **Eustegia filiformis**

hastatum Thunb. = **Eustegia minuta**

minutum L.f. = **Eustegia minuta**

APOXYANTHERA Hochst. 6745010

pubescens Hochst. = **Raphionacme hirsuta**

***ARAUIA** Brot. 6771000

(1) Forster & Bruyns. 1992. *Taxon* 41: 746–749.

sericifera Brot.

Perennial. Climber. Ht 1–15 m. Alt 10–1800 m. NW, G, KZN, L, WC, EC

ASCLEPIAS L. 6791000

(1) Schlechter. 1896. *Journal of Botany* 34: 455.

(2) Brown. 1907–1909. *FC* 4,1: 315–1036.

(3) Phillips. 1926. *The Flowering Plants of South Africa* 6: tt. 204, 208, 228.

(4) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 408.

(5) Bullock. 1952. *Kew Bulletin* 7: 405–426.

(6) Merxmüller. 1967. *FSWA*: 114.

(7) Nicholas. 1987. *Bothalia* 17: 17–23.

(8) Bruyns. 1995. *Bothalia* 25: 155–172.

(9) Goyder. 1997. *Kew Bulletin* 52: 247, 248.

(10) Goyder & Nicholas. 2001. *Kew Bulletin* 56: 769–836.

(11) Goyder. 2001. *Kew Bulletin* 56: 129–161.

(12) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville, Durban.

acerateoides (Schltr.) Schltr. = **Xysmalobium acerateoides**

adscendens (Schltr.) Schltr.

Gomphocarpus adscendens Schltr. (1)

Perennial. Geophytic herb. Ht 100–300 mm. Alt 450–1750 m. LIM, NW, G, M, S, FS, KZN, L

affinis (Schltr.) Schltr. = **A. albens**

alatus Schltr. = **Pachycarpus dealbatus**

albens (E.Mey.) Schltr.

A. affinis (Schltr.) Schltr. (12)

Gomphocarpus affinis Schltr. (12)

Gomphocarpus albens (E.Mey.) Decne. (2)

Pachycarpus albens E.Mey. (2)

Xysmalobium albens (E.Mey.) D.Dietr. (2)

Perennial. Geophytic herb. Ht 200–500 mm. Alt 10–1700 m. LIM, NW, G, M, S, FS, KZN, EC

angustifolia Schweigg. = **Gomphocarpus fruticosus** subsp. **fruticosus**

anisophylla Conrath & Schltr. = **Xysmalobium brownianum**

aphylla Thunb. = **Sarcostemma viminale** subsp. **viminale**

appendiculata (E.Mey.) Schltr. = **Pachycarpus appendiculatus**

arborea Salisb. = **Gomphocarpus cancellatus**

arborescens L. = **Gomphocarpus cancellatus**

aurea (Schltr.) Schltr.

A. aurea (Schltr.) Schltr. var. *brevicuspis* S.Moore (2)

A. aurea (Schltr.) Schltr. var. *vittata* N.E.Br. (2)

Gomphocarpus aureus Schltr. (2)

Gomphocarpus schizoglossoides Schltr. (2)

Schizoglossum pedunculatum Schltr. (2)

Perennial. Geophytic herb. Ht 145–520 mm. Alt (750–) 1000–2000 m. N?, B, LIM, NW, G, M, S, FS, KZN, L, NC?, EC

aurea (Schltr.) Schltr. var. *brevicuspis* S.Moore = **A. aurea**

aurea (Schltr.) Schltr. var. *vittata* N.E.Br. = **A. aurea**

bicuspis N.E.Br.

Perennial. Geophytic herb. Ht 190–410 mm. Alt? KZN

- brasiliensis* (E.Fourn.) Schltr. = **Gomphocarpus physocarpus**
- brevicuspis** (E.Mey.) Schltr.
Gomphocarpus brevicuspis (E.Mey.) D.Dietr. (2)
Lagarinthus brevicuspis E.Mey. (2)
Perennial. Geophytic herb. Ht (130–)150–340(–430) mm. Alt 50–1500 m. M, KZN, EC
- brevipes** (Schltr.) Schltr.
Gomphocarpus brevipes Schltr. (2)
Perennial. Geophytic herb. Ht 120–295 mm. Alt 1200–1600 m. LIM, NW, G, M, FS
- buchenaviana* Schinz = **Gomphocarpus filiformis**
- burchellii* Schltr. = **Gomphocarpus tomentosus** subsp. **tomentosus**
- calceolus* S.Moore = **A. dregeana** var. **calceolus**
- cancellata* Burm.f. = **Gomphocarpus cancellatus**
- chloroglossa* Schltr. = **Xysmalobium involucreatum**
- coarctata* S.Moore = **Kanahia laniflora**
- cognata* N.E.Br. = **Aspidonepsis cognata**
- compressidens** (N.E.Br.) Nicholas
A. navicularis (E.Mey.) Schltr. var. *compressidens* N.E.Br. (7)
Perennial. Geophytic herb. Ht 100–200 mm. Alt 30–140 m. EC
- concinna** (Schltr.) Schltr.
Gomphocarpus concinnus Schltr. (2)
Perennial. Geophytic herb. Ht 300–330 mm. Alt 900–1500 m. KZN, EC
- concolor* (E.Mey.) Schltr. = **Pachycarpus concolor**
- confusa* (Scott-Elliot) Schltr. = **Xysmalobium confusum**
- cooperi** N.E.Br.
Perennial. Geophytic herb. Ht 150–300 mm. Alt 650–1400 m. EC
- cornuta* (Decne.) Cordem. = **Gomphocarpus fruticosus** subsp. **fruticosus**
- crassinervis** N.E.Br. (4)
Stathmostelma crassinerve (N.E.Br.) Bullock (12)
Perennial. Geophytic herb. Ht 120–280 mm. Alt 900–1400 m. M, S
- crinita* (Bertol.) N.E.Br. = **Gomphocarpus fruticosus** subsp. **fruticosus**
- crispa** P.J.Bergius var. **crispa**
A. sabulosa Schltr. (2)
A. sinuosa Burm.f. (2)
A. undulata L. (1769), not of L. (1753) (12)
Gomphocarpus arenarius Schltr. (2)
Gomphocarpus crispus (P.J.Bergius) R.Br. (2)
Gomphocarpus hastatus E.Mey. var. *angustifolius* Meisn. (2)
Pachycarpus crispus (P.J.Bergius) E.Mey. (2)
Xysmalobium crispum (P.J.Bergius) D.Dietr. (2)
Perennial. Geophytic herb. Ht 150–388 mm. Alt 30–900 m. NC, WC, EC
- crispa** P.J.Bergius var. **plana** N.E.Br.
Perennial. Geophytic herb. Ht 150–366 mm. Alt 15–60 m. EC
- crispa** P.J.Bergius var. **pseudocrispa** N.E.Br.
Perennial. Geophytic herb. Ht 150–366 mm. Alt ± 60 m. EC
- cucullata** (Schltr.) Schltr.
Gomphocarpus cucullatus Schltr. (2)
Trachycalymma cucullatum (Schltr.) Bullock (12)
Perennial. Geophytic herb. Ht 170–350 mm. Alt 1000–2400 m. LIM, M, S, FS, KZN, L, EC
- cultriformis** (Harv. ex Schltr.) Schltr.
Gomphocarpus cultriformis Harv. ex Schltr. (2)
Perennial. Geophytic herb. Ht 150–300 mm. Alt 450–2380 m. LIM, G, M, S, KZN, EC
- *curassavica** L.
A. margaritacea Hoffmanns. (12)
A. nivea L. var. *curassavica* (L.) Kuntze (12)
Perennial. Herb. Ht 400–1000 mm. Alt? G, KZN, WC, EC
- daemia* Forssk. = **Pergularia daemia** var. **daemia**
- dealbata* (E.Mey.) Schltr. = **Pachycarpus dealbatus**
- decipiens* N.E.Br. = **Gomphocarpus fruticosus** subsp. **decipiens**
- densiflora** N.E.Br.
Perennial. Geophytic herb. Ht 240–540 mm. Alt 570–1500 m. LIM, NW, G, M, S, KZN
- depressa* (Schltr.) Schltr. = **A. multicaulis**
- diploglossa* (Turcz.) Druce = **Aspidonepsis diploglossa**
- disparilis** N.E.Br.
Perennial. Geophytic herb. Ht 80–200 mm. Alt 750–1000 m. KZN, EC
- dissona** N.E.Br.
Schizoglossum capitatum Schltr. (12)
Perennial. Geophytic herb. Ht 190–280 mm. Alt 1400–1560 m. M
- dregeana** Schltr. var. **calceolus** (S.Moore) N.E.Br.
A. calceolus S.Moore (12)
A. dregeana Schltr. var. *sordida* N.E.Br. (12)
Perennial. Geophytic herb. Ht 70–380 mm. Alt 300–1600 m. LIM, G, M, S, KZN, EC
- dregeana** Schltr. var. **dregeana**
A. viridiflora (E.Mey.) Goyder, illegitimate name (12)
Gomphocarpus marginatus Schltr. (2)
Gomphocarpus viridiflorus (E.Mey.) Decne. (2)
Pachycarpus viridiflorus E.Mey. (2)
Xysmalobium viridiflorum (E.Mey.) D.Dietr. (2)
Perennial. Geophytic herb. Ht 70–200 mm. Alt 300–1200 m. KZN, EC
- dregeana* Schltr. var. *sordida* N.E.Br. = **A. dregeana** var. **calceolus**
- eminens** (Harv.) Schltr.
Gomphocarpus eminens Harv. (2)
Stenostelma eminens (Harv.) Bullock (12)
Perennial. Geophytic herb. Ht 160–370 mm. Alt 600–1800 m. LIM, NW, G, M, S, FS, KZN, L
- eustegioides* (E.Mey.) Schltr. = **Schizoglossum eustegioides**
- expansa** (E.Mey.) Schltr.
Gomphocarpus expansus (E.Mey.) D.Dietr. (2)
Lagarinthus expansus E.Mey. (2)
Perennial. Geophytic herb. Ht 220–720 mm. Alt 150–300(–900) m. EC
- fallax** (Schltr.) Schltr.
Gomphocarpus fallax Schltr. (2)
Perennial. Geophytic herb. Ht 120–410 mm. Alt 1200–1800 m. NW, G, M
- filiformis* (E.Mey.) Benth. & Hook.f., not of Jacq. (1760), also not of L.f. (1781), invalid name = **Gomphocarpus filiformis**
- filiformis* (E.Mey.) Kuntze, not of Jacq. (1760), also not of L.f. (1781) = **Gomphocarpus filiformis**
- filiformis* (E.Mey.) Kuntze var. *buchenaviana* (Schinz) N.E.Br. = **Gomphocarpus filiformis**

- filiformis* L.f., not of (E.Mey.) Benth. & Hook f., invalid name = **Schizoglossum linifolium** var. **linifolium**
- flagellaris* Bolus ex Schltr. = **Gomphocarpus filiformis**
- flanaganii* Schltr. = **A. hastata**
- flava* N.E.Br. = **Aspidonepsis flava**
- flexuosa** (E.Mey.) Schltr.
Gomphocarpus flexuosus (E.Mey.) D.Dietr. (2)
Gomphocarpus fragrans Schltr. (2)
Lagarinthus flexuosus E.Mey. (2)
 Perennial. Geophytic herb. Ht 210–420 mm. Alt 10–1500(–1800) m. KZN, EC
- fornicata* N.E.Br. = **Stathmostelma fornicatum** subsp. **fornicatum**
- fruticosa* L. = **Gomphocarpus fruticosus** subsp. **fruticosus**
- galpinii* (Schltr.) Schltr. = **Pachycarpus galpinii**
- geminata* Roxb., naked name = **Marsdenia sylvestris**
- geminiflora* (Schltr.) Schltr. = **Pachycarpus concolor**
- gerrardii* (Harv.) Schltr. = **Pachycarpus campanulatus** var. **sutherlandii**
- gibba** (E.Mey.) Schltr. var. **gibba**
A. oxytropis (Turcz.) Schltr. (2)
Gomphocarpus gibbus (E.Mey.) D.Dietr. (2)
Gomphocarpus oxytropis Turcz. (2)
Lagarinthus gibbus E.Mey. (2)
 Perennial. Geophytic herb. Ht 14–300(–450) mm. Alt 20–2500 m, LIM, NW, G, M, S, FS, KZN, L, EC
- gibba** (E.Mey.) Schltr. var. **media** N.E.Br.
 Perennial. Geophytic herb. Ht 120–310 mm. Alt (450–) 1200–1400 m. B, LIM, NW, G, M, S, FS, KZN, L
- glaberrima* (Oliv.) Schltr. = **Kanahia laniflora**
- glaucophylla* (Schltr.) Schltr. = **Gomphocarpus glaucophyllus**
- gomphocarpoides* (E.Mey.) Schltr. = **Xysmalobium gomphocarpoides** var. **gomphocarpoides**
- gordon-grayae** Nicholas
 Perennial. Geophytic, paludophytic herb. Ht 240–750 mm. Alt 30–900 m. KZN
- grandiflora* L.f. = **Pachycarpus grandiflorus** subsp. **grandiflorus**
- grandiflora* L.f. var. *chrysantha* Schltr. = **Pachycarpus grandiflorus** subsp. **grandiflorus**
- harveyana* (Schltr.) Schltr. = **Xysmalobium prunelloides**
- hastata** (E.Mey.) Schltr.
A. flanaganii Schltr. (2)
Gomphocarpus asclepiaceus Schltr. (2)
Gomphocarpus geminatus Schltr. (2)
Gomphocarpus hastatus E.Mey. (2)
 Perennial. Geophytic herb. Ht 220–380 mm. Alt 400–600 m. EC
- humilis** (E.Mey.) Schltr.
Gomphocarpus humilis (E.Mey.) Decne. (2)
Pachycarpus humilis E.Mey. (2)
Xysmalobium humile (E.Mey.) D.Dietr. (2)
 Perennial. Geophytic herb. Ht 50–250 mm. Alt 1800–2900 m. FS, KZN, L, EC
- insignis* (Schltr.) Schltr. = **Pachycarpus transvaalensis**
- lanata* (E.Mey.) Druce = **Gomphocarpus tomentosus** subsp. **tomentosus**
- laniflora* Delile, not of Forssk., illegitimate name = **Kanahia laniflora**
- laniflora* Forssk. = **Kanahia laniflora**
- lilacina* Weim. = **Gomphocarpus glaucophyllus**
- linearis* (E.Mey.) Schltr. = **Pachycarpus linearis**
- lineolata* (Decne.) Schltr. = **Pachycarpus lineolatus**
- mackenii* (Harv.) Schltr. = **Pachycarpus mackenii**
- macra* Schltr. = **Pachycarpus suaveolens**
- macrochila* Schltr. = **Pachycarpus macrochilus**
- macropus** (Schltr.) Schltr.
Gomphocarpus macropus Schltr. (2)
 Perennial. Geophytic herb. Ht 150–400 mm. Alt 900–2000 m. M, FS, KZN, EC
- margaritacea* Hoffmanns. = **A. curassavica**
- meliodora** (Schltr.) Schltr.
A. meliodora (Schltr.) Schltr. var. *brevicoronata* N.E.Br. (12)
A. meliodora (Schltr.) Schltr. var. *meliodora* (12)
Gomphocarpus meliodorus Schltr. (2)
 Perennial. Geophytic herb. Ht 30–120 mm. Alt 150–2150 m. B, LIM, NW, G, M, S, KZN
- meliodora* (Schltr.) Schltr. var. *brevicoronata* N.E.Br. = **A. meliodora**
- meliodora* (Schltr.) Schltr. var. *meliodora* = **A. meliodora**
- meyeriana** (Schltr.) Schltr.
Gomphocarpus meyerianus Schltr. (2)
Lagarinthus revolutus E.Mey. var. *minor* E.Mey. (2)
 Perennial. Geophytic herb. Ht 100–260 mm. Alt 800–1500 m. NW, G, S, FS, KZN, L, NC, EC
- microphylla* Roth = **Pentatropis capensis**
- microphylla* Roxb., naked name = **Pentatropis capensis**
- monticola** N.E.Br.
 Perennial. Geophytic herb. Ht 50–130 mm. Alt ± 2000 m. EC
- mucronata* Thunb. = **Woodia mucronata**
- multicaulis** (E.Mey.) Schltr.
A. depressa (Schltr.) Schltr. (12)
Gomphocarpus depressus Schltr. (12)
Gomphocarpus multicaulis (E.Mey.) D.Dietr. (2)
Lagarinthus multicaulis E.Mey. (2)
 Perennial. Geophytic herb. Ht 80–150 mm. Alt 1200–2200 m. G, M, FS, KZN, L, EC
- multiflora** (Decne.) N.E.Br.
Gomphocarpus multiflorus Decne. (1)
 Perennial. Herb. Ht? Alt? Distr.?
- nana** I. Verd.
 Perennial. Geophytic herb. Ht ± 110 mm. Alt ± 1360 m. LIM
- navicularis** (E.Mey.) Schltr.
Gomphocarpus navicularis (E.Mey.) D.Dietr. (2)
Lagarinthus navicularis E.Mey. (2)
 Perennial. Geophytic herb. Ht 105–290 mm. Alt 20–900 m. EC
- navicularis* (E.Mey.) Schltr. var. *compressidens* N.E.Br. = **A. compressidens**
- nivea* L. var. *curassavica* (L.) Kuntze = **A. curassavica**
- nuda* Schumach. & Thonn. = **Sarcostemma viminalis** subsp. **viminalis**
- nutans* (Klotzsch) N.E.Br. = **Gomphocarpus tomentosus** subsp. **tomentosus**

ochroleuca (Schltr.) Schltr. = **Xysmalobium gerrardii orbicularis** (E.Mey.) Schltr. = **Xysmalobium orbiculare oreophila** Nicholas
Perennial. Geophytic herb. Ht 70–230 mm. Alt 1700–3000 m. KZN, L, EC

oxytropis (Turcz.) Schltr. = **A. gibba** var. **gibba**

pachyglossa (Schltr.) Schltr. = **Xysmalobium parviflorum**

pachystephana Schltr. = **Schizoglossum linifolium** var. **linifolium**

patens N.E.Br.
Perennial. Geophytic herb. Ht 200–840 mm. Alt 150–360 m. EC

peltigera (E.Mey.) Schltr.
A. truncata Harv., not of D.Dietr. (2)
Gomphocarpus peltigerus (E.Mey.) D.Dietr. (2)
Lagarinthus peltigerus E.Mey. (2)
Perennial. Geophytic herb. Ht 310–820 mm. Alt 30–100 m. EC

physocarpa (E.Mey.) Schltr. = **Gomphocarpus physocarpus**

praemorsa Schltr.
Gomphocarpus truncatus (E.Mey.) D.Dietr. (2)
Gomphocarpus truncatus (E.Mey.) Harv. (2)
Lagarinthus truncatus E.Mey. (2)
Perennial. Geophytic herb. Ht 240–560(–780) mm. Alt 60–450 m. KZN, EC

procera Aiton = **Calotropis procera**

pubescens L. = **Gomphocarpus cancellatus**

randii S.Moore
Perennial. Geophytic herb. Ht 100–120 mm. Alt? N

rara N.E.Br.
Perennial. Geophytic herb. Ht 90–200 mm. Alt ± 360 m. EC

rectinervis (Schltr.) Schltr. = **Xysmalobium confusum reenensis** N.E.Br. = **Aspidonepsis reenensis reflectens** (E.Mey.) Schltr. = **Pachycarpus reflectens rigidus** (E.Mey.) Schltr. = **Pachycarpus rigidus rivalis** S.Moore = **Kanahia laniflora rivularis** (Schltr.) Schltr. = **Gomphocarpus rivularis rostrata** N.E.Br. = **Gomphocarpus fruticosus** subsp. **rostratus**

rotundifolia Mill. = **Gomphocarpus cancellatus**

sabulosa Schltr. = **A. crispa** var. **crispa**

salicifolia Salisb. = **Gomphocarpus fruticosus** subsp. **fruticosus**

scabra (Harv.) Schltr. = **Pachycarpus scaber**

scabridifolia Schltr. = **Xysmalobium acerateoides schinziana** (Schltr.) Schltr. = **Pachycarpus schinzianus schlechteri** (K.Schum.) N.E.Br.
Gomphocarpus schlechteri K.Schum. (2)
Perennial. Geophytic herb. Ht 535–550 mm. Alt ± 800 m. S, KZN

schweinfurthii N.E.Br. = **Pachycarpus lineolatus semiamplectens** (K.Schum.) Hiern = **Gomphocarpus semiamplectens simplex** (Schltr.) Schltr. = **A. stellifera**

sinuosa Burm.f. = **A. crispa** var. **crispa**

stellifera Schltr.
A. simplex (Schltr.) Schltr. (2)
Gomphocarpus revolutus (E.Mey.) D.Dietr. (2)
Gomphocarpus simplex Schltr. (2)
Lagarinthus revolutus E.Mey. (2)
Perennial. Geophytic herb. Ht 120–290 mm. Alt 1000–2100 m. LIM, NW, G, M, S, FS, KZN, L, EC

stockenstromensis (Scott-Elliot) Schltr. = **Xysmalobium stockenstromense**

suaveolens Schltr. = **Pachycarpus suaveolens sulphurea** in sense of Schltr. = **Xysmalobium gerrardii sulphurea** in sense of S.Moore = **Xysmalobium asperum tenue** (E.Mey.) Schltr. = **Schizoglossum linifolium** var. **linifolium**

transvaalensis (Schltr.) Schltr. = **Pachycarpus transvaalensis**

truncata Harv., not of D.Dietr. = **A. peltigera tysoniana** Schltr. = **Xysmalobium tysonianum ulophylla** Schltr.
Perennial. Geophytic herb. Ht ± 820 mm. Alt ± 330 m. M

undulata L. (1753) = **Xysmalobium undulatum undulata** L. (1769), not of L. (1753) = **A. crispa** var. **crispa**

valida (Schltr.) Schltr. = **Pachycarpus asperifolius velutina** (Schltr.) Schltr.
Gomphocarpus velutinus Schltr. (2)
Perennial. Geophytic herb. Ht 75–114 mm. Alt 900–1200 m. M

vexillare (E.Mey.) Schltr. = **Pachycarpus vexillaris vicaria** N.E.Br.
Perennial. Geophytic herb. Ht 200–300 mm. Alt 1300–2000 m. M, KZN, EC

villosa Mill. = **Gomphocarpus tomentosus** var. **tomentosus**

viridiflora (E.Mey.) Goyder, illegitimate name = **A. dregeana** var. **dregeana**

woodii (Schltr.) Schltr.
Gomphocarpus woodii Schltr. (2)
Perennial. Geophytic herb. Ht 380–800 mm. Alt 600–1400 m. KZN

xysmalobioides Hilliard & B.L.Burtt, not of S.Moore
Perennial. Geophytic herb. Ht 170–200 mm. Alt 1800–2500 m. KZN, L

ASPIDOGLOSSUM E.Mey. 6778010
(1) Brown. 1907–1909. *FC* 4,1: 315–1036.
(2) Kupicha. 1984. *Kew Bulletin* 38: 633–666.
(3) Hilliard. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45: 179–182.

araneiferum (Schltr.) Kupicha
Schizoglossum araneiferum Schltr. (2)
Perennial. Geophytic herb. Ht 300–600 mm. Alt 300–1800 m. LIM, G, M, S, FS, KZN, L

biflorum E.Mey.
Schizoglossum biflorum (E.Mey.) Schltr. (2)
Schizoglossum biflorum (E.Mey.) Schltr. var. *concinnum* (Schltr.) N.E.Br. (2)
Schizoglossum biflorum (E.Mey.) Schltr. var. *integrum* N.E.Br. (2)
Schizoglossum conrathii Schltr. (2)

- Schizoglossum excisum* Schltr. (2)
Schizoglossum strictum Schltr. (2)
Schizoglossum tubulosum Schltr. (2)
Schizoglossum venustum Schltr. (2)
Schizoglossum venustum Schltr. var. *concinnum* Schltr. (2)
 Perennial. Geophytic herb. Ht 200–700 mm. Alt 725–1830 m. N, LIM, NW, G, M, FS, KZN, L, EC
- carinatum** (Schltr.) Kupicha
Schizoglossum carinatum Schltr. (2)
Schizoglossum tricuspdatum Schltr. (2)
 Perennial. Geophytic herb. Ht (150–)300–600 mm. Alt 5–1020 m. KZN, L, EC
- delagoense** (Schltr.) Kupicha
Schizoglossum biauriculatum Schltr. (2)
Schizoglossum delagoense Schltr. (2)
 Perennial. Geophytic herb. Ht 200–450 mm. Alt 10–44 m. KZN
- demissum** Kupicha
 Perennial. Geophytic herb. Ht 50–60 mm. Alt ± 2040 m. KZN
- difficile** Hilliard
 Perennial. Geophytic herb. Ht ± 450 mm. Alt? KZN
- dissimile** (N.E.Br.) Kupicha
Schizoglossum dissimile N.E.Br. var. *dissimile* (2)
Schizoglossum dissimile N.E.Br. var. *pubiflorum* N.E.Br. (2)
 Perennial. Geophytic herb. Ht 60–200 mm. Alt ?–2225 m. M, KZN, EC
- fasciculare** E.Mey.
Schizoglossum ciliatum Schltr. (2)
Schizoglossum fasciculare (E.Mey.) Schltr. (2)
 Perennial. Geophytic herb. Ht 100–340 mm. Alt 765–1500 m. KZN, EC
- flanaganii** (Schltr.) Kupicha
Schizoglossum flanaganii Schltr. (2)
 Perennial. Geophytic herb. Ht 180–300 mm. Alt 5–30 m. EC
- glabrescens** (Schltr.) Kupicha
Schizoglossum barbatum Schltr., illegitimate name (2)
Schizoglossum glabrescens Schltr. (2)
Schizoglossum glabrescens Schltr. var. *longirostre* (Schltr.) N.E.Br. (2)
Schizoglossum hirtiflorum N.E.Br. (2)
Schizoglossum longirostre Schltr. (2)
Schizoglossum loreum S.Moore (2)
Schizoglossum schlechteri N.E.Br. (2)
Schizoglossum tenuissimum Schltr. (2)
Schizoglossum tridens N.E.Br. (2)
Schizoglossum unicum N.E.Br. (2)
 Perennial. Geophytic herb. Ht 350–600 m. Alt 1200–2100 m. LIM, NW, G, M, FS, KZN, EC
- glanduliferum** (Schltr.) Kupicha
Schizoglossum auriculatum N.E.Br. (2)
Schizoglossum commixtum N.E.Br. (2)
Schizoglossum glanduliferum Schltr. (2)
Schizoglossum parile N.E.Br. (2)
 Perennial. Geophytic herb. Ht 250–500 mm. Alt ?–1980 m. M, FS, KZN, EC
- gracile** (E.Mey.) Kupicha
Gomphocarpus gracilis (E.Mey.) D.Dietr. (2)
Lagarinthus exilis Decne., superfluous name, illegitimate (2)
Lagarinthus gracilis E.Mey. (2)
Rhinolobium tenue Arn. (2)
Schizoglossum addoense N.E.Br. (2)
Schizoglossum bolusii Schltr. (2)
Schizoglossum bowkeriae N.E.Br. (2)
Schizoglossum buchananii N.E.Br. (2)
Schizoglossum burchellii N.E.Br. (2)
Schizoglossum dregei N.E.Br. (2)
Schizoglossum exile (Decne.) Schltr. (2)
Schizoglossum filifolium Schltr. (2)
- Schizoglossum filipes* Schltr. (2)
Schizoglossum guthriei Schltr. (2)
Schizoglossum lunatum Schltr. (2)
Schizoglossum monticola Schltr. (2)
Schizoglossum parcum N.E.Br. (2)
Schizoglossum parvulum Schltr. var. *parvulum* (2)
Schizoglossum parvulum Schltr. var. *sessile* N.E.Br. (2)
Schizoglossum tenue (Arn.) Druce (2)
Schizoglossum tomentosum Schltr. (2)
 Perennial. Geophytic herb. Ht 100–1000 mm. Alt 8–1710 m. KZN, L, WC, EC
- grandiflorum** (Schltr.) Kupicha
Schizoglossum grandiflorum Schltr. (2)
Schizoglossum macowanii N.E.Br. var. *macowanii* (2)
Schizoglossum macowanii N.E.Br. var. *tugelense* N.E.Br. (2)
 Perennial. Geophytic herb. Ht up to 0.15 m. Alt up to 1750 m. FS, KZN, EC
- heterophyllum** E.Mey.
Schizoglossum consimile N.E.Br. (2)
Schizoglossum harveyi N.E.Br. (2)
Schizoglossum heterophyllum (E.Mey.) Schltr. var. *heterophyllum* (2)
Schizoglossum heterophyllum (E.Mey.) Schltr. var. *majus* N.E.Br. (2)
Schizoglossum heterophyllum (E.Mey.) Schltr. var. *schinzianum* (Schltr.) N.E.Br. (2)
Schizoglossum schinzianum Schltr. (2)
Schizoglossum villosum Schltr. (2)
 Perennial. Geophytic herb. Ht 50–120(–230) mm. Alt 60–690 m. WC, EC
- interruptum** (E.Mey.) Bullock
Gomphocarpus interruptus (E.Mey.) D.Dietr. (2)
Lagarinthus abyssinicus Hochst. ex Benth., superfluous name, illegitimate (2)
Lagarinthus interruptus E.Mey. (2)
Schizoglossum altissimum Schltr. (2)
Schizoglossum barberae Schltr. (2)
Schizoglossum interruptum (E.Mey.) Schltr. (2)
 Perennial. Geophytic herb. Ht 500–1500 mm. Alt 5–2560 m. NW, G, M, FS, KZN, L, EC
- lamellatum** (Schltr.) Kupicha
Schizoglossum bilamellatum Schltr.(2)
Schizoglossum bilamellatum Schltr. var. *cordylogynoides* Schltr. (2)
Schizoglossum lamellatum Schltr. (2)
Schizoglossum propinquum S.Moore (2)
 Perennial. Geophytic herb. Ht 150–600 mm. Alt up to 1700 m. LIM, NW, G, M, FS, KZN, L, EC
- masaicum** (N.E.Br.) Kupicha
Schizoglossum baumii Schltr. ex N.E.Br. (2)
Schizoglossum masaicum N.E.Br. (2)
 Perennial. Geophytic herb. Ht (120–)350–700(–1100) mm. Alt? N
- ovalifolium** (Schltr.) Kupicha
Schizoglossum contracurvum N.E.Br. (2)
Schizoglossum ovalifolium Schltr. (2)
Schizoglossum pumilum Schltr. (2)
Schizoglossum robustum Schltr. var. *inandense* N.E.Br. (2)
Schizoglossum robustum Schltr. var. *pubiflorum* N.E.Br. in part (2)
Schizoglossum robustum Schltr. var. *robustum* (2)
Schizoglossum striatum Schltr. (2)
 Perennial. Geophytic herb. Ht 60–330 mm. Alt 30–1740 m. LIM, NW, G, M, S, FS, KZN, EC
- restioides** (Schltr.) Kupicha
Schizoglossum pallidum Schltr. (2)
Schizoglossum randii S.Moore (2)
Schizoglossum restioides Schltr. (2)
 Perennial. Geophytic herb. Ht 500–700 mm. Alt up to 1525 m. NW, G, M, FS?, NC?, EC
- uncinatum** (N.E.Br.) Kupicha
Schizoglossum uncinatum N.E.Br. (2)
 Perennial. Geophytic herb. Ht 90–200 mm. Alt ?–915 m. EC

validum Kupicha

Schizoglossum robustum Schltr. var. *pubiflorum* N.E.Br. in part (2)
Perennial. Geophytic herb. Ht 200–1000 mm. Alt 825–1220 m. M, S

virgatum (E.Mey.) Kupicha

Gomphocarpus virgatus (E.Mey.) D.Dietr. (1)
Lagarinthus virgatus E.Mey. (2)
Schizoglossum virgatum (E.Mey.) Schltr. (2)
Perennial. Geophytic herb. Ht 350–800 mm. Alt 300–1650 m. KZN, EC

woodii (Schltr.) Kupicha

Schizoglossum woodii Schltr. (2)
Perennial. Geophytic herb. Ht 550–1400 mm. Alt 60–1800 m. KZN, EC

xanthosphaerum Hilliard

Perennial. Geophytic herb. Ht 60–150 mm. Alt up to 2000 m. M, KZN

ASPIDONEPSIS Nicholas & Goyder 6778030

(1) Nicholas & Goyder. 1992. *Bothalia* 22: 23–35.
(2) Nicholas & Goyder. 1993. *Bothalia* 23: 236.

cognata (N.E.Br.) Nicholas & Goyder

Asclepias cognata N.E.Br. (1)
Perennial. Geophytic herb. Ht 180–550 mm. Alt 1200–2100 m. KZN, EC

diploglossa (Turcz.) Nicholas & Goyder

Asclepias diploglossa (Turcz.) Druce (1)
Gomphocarpus diploglossus Turcz. (1)
Perennial. Geophytic herb. Ht 170–500 mm. Alt 350–2400 m. KZN, EC

flava (N.E.Br.) Nicholas & Goyder

Asclepias flava N.E.Br. (1)
Perennial. Geophytic herb. Ht 180–475 mm. Alt 600–2000 m. KZN, EC

reenensis (N.E.Br.) Nicholas & Goyder

Asclepias reenensis N.E.Br. (1, 2)
Perennial. Geophytic herb. Ht 240–625 mm. Alt 1500–2100 m. M, S, KZN, L

shebae Nicholas & Goyder

Perennial. Geophytic herb. Ht 190–340 mm. Alt 1400–2100 m. M

ASTEPHANUS R.Br. 6758000

(1) Bullock. 1963. *Kew Bulletin* 17: 183–196.

frutescens E.Mey. = **Secamone filiformis****marginatus** Decne.

Perennial. Climber. Ht 0.5–3 m. Alt 5–150 m. WC, EC

neglectus Schltr. = **A. triflorus****triflorus** (L.f.) Schult.

A. neglectus Schltr. (1)
Perennial. Climber. Ht 0.5–3 m. Alt 5–640 m. NC, WC

BAISSEA A.DC. 6663000

(1) Codd. 1963. *FSA* 26: 276–278.
(2) De Kruif. 1985. *FZ* 7,2: 495–498.

wulfhorstii Schinz

Perennial. Shrub, climber. Ht 2–3 m. Alt 915–1525 m. N, B

BARROWIA Decne. 6862010

jasminiflora Decne. = **Orphanthera jasminiflora**

BAYNESIA Bruyns 6884025

(1) Bruyns. 2000. *Novon* 10: 354–358.

lophophora Bruyns

Perennial. Succulent. Ht 30–80 mm. Alt 1500–1600 m. N

BLEPHARANTHERA Schltr. 6870020

dinteri Schltr. = **Brachystelma blepharanthera**

BOUCEROSIA Wight & Arn. 6884070

incarnata (L.f.) N.E.Br. = **Quaqua incarnata** subsp. **incarnata**

mammillaris (L.) N.E.Br. = **Quaqua mammillaris**

BRACHYSTELMA R.Br. 6870000

(1) Brown. 1909. *FC* 4,1: 849, 850.
(2) Dyer. 1980. *FSA* 27: 1–41.
(3) Dyer. 1983. *Ceropegia, Brachystelma and Riocreuxia in southern Africa*.
(4) Forster. 1986. *Bothalia* 16: 227, 228.
(5) Boele. 1989. *Excelsa* 14: 45–53.
(6) Peckover. 1992. *Aloe* 29: 56, 57, 66.
(7) Bruyns. 1995. *Bothalia* 25: 155–172.
(8) Peckover. 1996. *Aloe* 33: 41–43.
(9) Meve & Liede. 2001. *Plant Systematics & Evolution* 228: 89–105.
Note: inclusion of *Tenaris* and *Macropetalum* in *Brachystelma* inferred from noncoding nuclear and chloroplast DNA sequences.

alpinum R.A.Dyer

Perennial. Geophyte. Ht 30–50 mm. Alt 2300–2500 m. L

angustum Peckover

Perennial. Geophyte. Ht 20–40 mm. Alt 1500–1700 m. M

arnotii Baker

B. grossartii Dinter (2)
Perennial. Geophyte. Ht 70–200 mm. Alt 900–1600 m. N, B, NW, NC

australe R.A.Dyer

Perennial. Geophyte. Ht 10–50 mm. Alt 50–600 m. KZN, EC

barberae Harv. ex Hook.f.

Dichaelia barberae (Harv. ex Hook.f.) Bullock (2)
Perennial. Geophyte. Ht 30–100 mm. Alt 400–1300 m. LIM, G, KZN, EC

blepharanthera H.Huber

Blepharanthera dinteri Schltr. (2)
Perennial. Geophyte. Ht 20–60 mm. Alt 1200–1700 m. N

brevipedicellatum Turrill

B. ringens E.A.Bruce (3)
Perennial. Geophyte. Ht 40–100 mm. Alt 800–1200 m. LIM, NW, M

bruceae R.A.Dyer subsp. **bruceae**

Perennial. Geophyte, creeping. Length 0.12–0.2 m. Alt 1000–2200 m. M

bruceae R.A.Dyer subsp. **hirsutum** R.A.Dyer

Perennial. Geophyte, creeping. Length 0.12–0.2 m. Alt ?–2200 m. M

burchellii (Decne.) Peckover var. **burchellii**

B. burchellii (Decne.) Peckover var. *grandiflora* (N.E.Br.) Meve (9)
Macropetalum burchellii Decne. var. *burchellii* (8)
Macropetalum burchellii Decne. var. *grandiflora* N.E.Br. (9)
Perennial. Geophyte. Ht 0.2–1 m. Alt 800–1300 m. B, LIM, G, FS, KZN, EC

burchellii (Decne.) Peckover var. *grandiflora* (N.E.Br.)
Meve = **B. burchellii** var. **burchellii**

caffrum (Schltr.) N.E.Br.
Perennial. Geophyte, creeping. Length 20–100 mm. Alt 300–1600 m. EC

campanulatum N.E.Br.
Perennial. Geophyte. Ht 20–50 mm. Alt 400–700 m. EC

canum R.A.Dyer
Perennial. Herb. Ht? Alt ± 1300 m. NW

cathcartense R.A.Dyer
Perennial. Geophyte. Ht 50–70 mm. Alt 1200–1400 m. EC

caudatum (Thunb.) N.E.Br. = **B. tuberosum**

chloranthum (Schltr.) Peckover
Tenaris chlorantha Schltr. (8)
Perennial. Geophyte. Ht 0.2–0.3 m. Alt 1100–1400 m. G

chlorozonum E.A.Bruce
Perennial. Geophyte. Ht 50–100 mm. Alt 50–1300 m. M, KZN

christianeae Peckover
Tenaris christianeae (Peckover) J.E. Victor & Nicholas (6)
Perennial. Geophyte. Ht 0.2–0.5 m. Alt 1000–1200 m. KZN

circinatum E.Mey.
B. galpinii (Schltr.) N.E.Br. (2)
B. pallidum (Schltr.) N.E.Br. (2)
Dichaelia circinata (E.Mey.) Schltr. (2)
Perennial. Geophyte. Ht 20–150 mm. Alt 500–1600 m. N, B, LIM, G, M, S, FS, KZN, WC, EC

coddii R.A.Dyer
Perennial. Geophyte, creeping. Length 0.05–1 m. Alt 1500–2000 m. M, S

codonanthum Bruyns
Perennial. Geophyte. Ht 20–150 mm. Alt 1100–1200 m. N

comaru E.Mey. = **Fockea comaru**

comptum N.E.Br.
Perennial. Herb. Ht 70–150 mm. Alt 100–500 m. EC

cupulatum R.A.Dyer
Perennial. Geophyte. Ht 30–150 mm. Alt 900–1600 m. N, B, NC

decipiens N.E.Br.
Perennial. Geophyte. Ht 50–100 mm. Alt 20–700 m. EC

delicatum R.A.Dyer
Perennial. Geophyte. Ht 20–60 mm. Alt 300–700 m. EC

dimorphum R.A.Dyer subsp. **dimorphum**
Perennial. Geophyte. Ht 10–50 mm. Alt 1200–1400 m. NW, FS, NC

dimorphum R.A.Dyer subsp. **gratum** R.A.Dyer
Perennial. Geophyte. Ht 10–50 mm. Alt ± 1300 m. FS

dinteri Schltr.
Perennial. Geophyte. Ht 50–500 mm. Alt 1200–1700 m. N, B

discoideum R.A.Dyer
Perennial. Geophyte. Ht 50–100 mm. Alt 1100–1300 m. B, G

distinctum N.E.Br. = **B. elongatum**

duplicatum R.A.Dyer
B. floribundum R.A.Dyer, not of Turrill, illegitimate name (2)
Perennial. Geophyte. Ht 50–150 mm. Alt 1300–1400 m. FS

dyeri K.Balkwill & M.Balkwill
Perennial. Geophyte. Ht 20–80 mm. Alt 1500–1800 m. M

elongatum (Schltr.) N.E.Br.
B. distinctum N.E.Br. (2)
Dichaelia elongata Schltr. (2)
Perennial. Geophyte. Ht 50–150 mm. Alt 400–1600 m. EC

filifolium (N.E.Br.) Peckover
Tenaris filifolia N.E.Br. (8)
Perennial. Geophyte. Ht 0.2–0.5 m. Alt? M, S, KZN

flavidum Schltr. = **B. pygmaeum** subsp. **flavidum**

floribundum R.A.Dyer, not of Turrill, illegitimate name = **B. duplicatum**

foetidum Schltr.
B. rehmannii Schltr. (2)
Perennial. Geophyte. Ht 70–150 mm. Alt 500–1400 m. B, LIM, NW, G, FS, KZN, L

franksiae N.E.Br.
Perennial. Herb. Ht 0.15–0.3 m. Alt 300–900 m. KZN

galpinii (Schltr.) N.E.Br. = **B. circinatum**

gemmeum R.A.Dyer
Perennial. Geophyte. Ht 0.05–0.7 m. Alt 400–600 m. LIM

gerrardii Harv.
B. nigrum R.A.Dyer (2)
Dichaelia gerrardii Harv. (2)
Perennial. Herb. Ht 0.15–0.35 m. Alt 400–1800 m. M, KZN

glenense R.A.Dyer
Perennial. Geophyte. Ht 50–100 mm. Alt 1000–1400 m. LIM, FS

gracile E.A.Bruce
Perennial. Geophyte. Ht 0.05–0.7 m. Alt 50–1600 m. B, LIM, KZN

gracillimum R.A.Dyer
Dichaelia gracillima (R.A.Dyer) Bullock (2)
Perennial. Geophyte. Ht 0.35–0.45 m. Alt ± 1200 m. NW

grossartii Dinter = **B. arnotii**

gymnopodium (Schltr.) Bruyns
Ceropegia gymnopoda Schltr. (7)
Ceropegia pumila N.E.Br. (7)
Ceropegia pygmaea Schinz (7)
Perennial. Geophyte. Ht 50–120 mm. Alt 500–1600 m. N, B, LIM, NW, G

hirsutum E.Mey. = **Raphionacme hirsuta**

hirtellum Weimarck
B. pilosum R.A.Dyer (5)
Perennial. Geophyte. Ht 0.15–0.35 m. Alt 1000–1300 m. LIM

huttonii (Harv.) N.E.Br.
Perennial. Geophyte. Ht 30–120 mm. Alt 300–1200 m. EC

incanum R.A.Dyer
Perennial. Geophyte. Ht 50–100 mm. Alt 1300–1500 m. NW

inconspicuum S.Venter

- Perennial. Herb. Ht 0.25–0.3 m. Alt 1100–1300 m.
LIM
- kerzneri** Peckover
Perennial. Geophyte, spreading. Length 50–150 mm. Alt
± 50 m. EC
- longifolium** (Schltr.) N.E.Br.
Perennial. Herb. Ht 0.1–0.3 m. Alt? M
- luteum** Peckover
Perennial. Geophyte. Ht 50–70 mm. Alt 400–700 m. EC
- macropetalum** (Schltr.) N.E.Br.
Perennial. Herb. Ht 0.2–0.6 m. Alt 1200–1800 m. LIM,
M
- mafekingense* N.E.Br. = **Ceropegia mafekingensis**
- meyerianum** Schltr.
Perennial. Geophyte. Ht 30–150 mm. Alt 1100–1600 m.
EC
- micranthum** E.Mey.
Perennial. Geophyte. Ht 50–70 mm. Alt ± 1200 m. EC
- minimum** R.A.Dyer
Perennial. Geophyte. Ht 30–60 mm. Alt 300–600 m. EC
- minor** E.A.Bruce
Perennial. Geophyte. Ht 10–30 mm. Alt 1400–1600 m.
LIM, M
- modestum** R.A.Dyer
Perennial. Geophyte. Ht 30–50 mm. Alt 300–700 m.
KZN
- molaventi** Peckover & A.E.van Wyk
Perennial. Geophyte, creeping. Length 30–150 mm.
Alt 1300–1350 m. KZN
- montanum** R.A.Dyer
Perennial. Geophyte. Ht 30–50 mm. Alt ± 2000 m. EC
- nanum** (Schltr.) N.E.Br.
Perennial. Geophyte. Ht 20–80 mm. Alt 1000–1400
m. NW, G, M, FS
- natalense** (Schltr.) N.E.Br.
Perennial. Herb. Ht 0.25–0.5 m. Alt 600–800 m. KZN
- ngomense** R.A.Dyer
Perennial. Geophyte, creeping. Length 50–200 mm.
Alt 1200–1300 m. KZN
- nigrum* R.A.Dyer = **B. gerrardii**
- occidentale** Schltr.
Perennial. Geophyte. Ht 30–80 mm. Alt 50–150 m.
WC
- oianthum** Schltr.
Perennial. Geophyte. Ht 60–80 mm. Alt 1000–1600 m.
LIM, M
- pachypodium** R.A.Dyer
Perennial. Geophyte. Ht 70–200 mm. Alt 1400–1600 m.
LIM, M
- pallidum* (Schltr.) N.E.Br. = **B. circinatum**
- parvulum** R.A.Dyer
Perennial. Geophyte. Ht 30–60 mm. Alt 1000–1200 m. M
- perditum** R.A.Dyer
Perennial. Geophyte. Ht 30–60 mm. Alt 1800–2200 m.
FS, KZN, L
- petraeum** R.A.Dyer
Perennial. Geophyte, creeping. Length 30–100 mm. Alt
± 1500 m. KZN
- pilosum* R.A.Dyer = **B. hirtellum**
- praelongum** S.Moore
Perennial. Geophyte. Ht 30–150 mm. Alt 1400–2000
m. FS, L
- pulchellum** (Harv.) Schltr.
Perennial. Geophyte, creeping. Length 50–250 mm. Alt
700–1000 m. KZN
- pygmaeum** (Schltr.) N.E.Br. subsp. **flavidum** (Schltr.)
R.A.Dyer
B. flavidum Schltr. (2)
Perennial. Geophyte. Ht 40–80 mm. Alt 200–1600 m.
M, KZN
- pygmaeum** (Schltr.) N.E.Br. subsp. **pygmaeum**
B. pygmaeum (Schltr.) N.E.Br. var. *breviflorum* (Schltr.) N.E.Br. (2)
Perennial. Geophyte. Ht 40–80 mm. Alt 800–1600 m.
M, KZN, EC
- pygmaeum* (Schltr.) N.E.Br. var. *breviflorum* (Schltr.)
N.E.Br. = **B. pygmaeum** subsp. **pygmaeum**
- ramosissimum** (Schltr.) N.E.Br.
Perennial. Herb. Ht 0.1–0.15 m. Alt 1000–1300 m.
NW, G, FS
- recurvatum** Bruyns
Perennial. Geophyte. Ht 60–300 mm. Alt 1300–1750
m. N
- rehmannii* Schltr. = **B. foetidum**
- remotum** R.A.Dyer
Perennial. Geophyte, creeping. Length 30–60 mm. Alt
1800–2300 m. M, KZN
- ringens* E.A.Bruce = **B. brevipedicellatum**
- rubellum** (E.Mey.) Peckover
Tenaris rostrata N.E.Br. (8)
Tenaris rubella E.Mey. (8)
Tenaris simulans N.E.Br. (8)
Tenaris volkensii K.Schum. (8)
Perennial. Geophyte. Ht 0.2–0.6 m. Alt 50–1300 m.
M, S, KZN, EC
- sandersonii** (Oliv.) N.E.Br.
Dichaelia natalensis Schltr. (2)
Perennial. Herb. Ht 0.2–0.45 m. Alt 10–200 m. KZN,
EC
- schinzii** (K.Schum.) N.E.Br.
Perennial. Geophyte. Ht 30–150 mm. Alt 1100–1800 m.
N
- schizoglossoides** (Schltr.) N.E.Br.
Sisyranthus schizoglossoides N.E.Br. (1)
Perennial. Herb. Ht 50–250 mm. Alt 400–800 m. EC
- schoenlandianum** Schltr.
Perennial. Geophyte. Ht ± 50 mm. Alt ± 150 m. EC
- schultzei** (Schltr.) Bruyns
Tenaris schultzei (Schltr.) E.Phillips (7)
Perennial. Geophyte. Ht 50–200 mm. Alt 1200–1600 m.
N, B
- setosum** Peckover
Perennial. Geophyte. Ht 30–50 mm. Alt 1600–2100 m.
LIM, M
- sinuatum* E.Mey. = **Fockea sinuata**
- stellatum** E.A.Bruce & R.A.Dyer
Perennial. Geophyte. Ht 20–50 mm. Alt 1800–2200 m.
M
- stenophyllum** (Schltr.) R.A.Dyer

- Perennial. Geophyte. Ht 30–150 mm. Alt 1000–1600 m. N, NW, G, FS
- swazicum** R.A.Dyer
Perennial. Geophyte, creeping. Length 50–250 mm. Alt 1300–1600 m. M, S
- tabularium** R.A.Dyer
Perennial. Geophyte. Ht ± 200 mm. Alt ± 100 m. EC
- tenellum** R.A.Dyer
Perennial. Geophyte. Ht 20–50 mm. Alt 300–600 m. KZN
- tenue** R.A.Dyer
Perennial. Geophyte. Ht 60–100 mm. Alt 20–100 m. KZN
- thunbergii** N.E.Br.
Perennial. Geophyte. Ht 30–100 mm. Alt 200–1400 m. KZN, WC
- tuberosum** (Meerb.) R.Br. ex Sims
B. caudatum (Thunb.) N.E.Br. (4)
Perennial. Geophyte. Ht 50–150 mm. Alt 20–300 m. EC
- vahrmeijeri** R.A.Dyer
Perennial. Geophyte. Ht 60–100 mm. Alt 20–100 m. KZN
- villosum** (Schltr.) N.E.Br.
Perennial. Geophyte. Ht 0.1–0.3 m. Alt 500–1500 m. LIM, M, S, KZN
- virgatum* Dieter. = **Sisyranthus virgatus**
- CALLICHILIA** Stapf 6607000
(1) Codd. 1963. *FSA* 26: 272.
(2) Beentje. 1978. *Mededelingen Landbouwhogeschool Wageningen* 78-7: 1–32.
(3) Beentje. 1985. *FZ* 7,2: 449, 450.
(4) Von Breitenbach *et al.* 2001. *Pocket list of southern African indigenous trees*: 191.
(5) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 954.
- orientalis** S.Moore
Ephippiocarpa orientalis (S.Moore) Markgr. (2)
Perennial. Tree, shrub. Ht 0.2–3 m. Alt 10–120 m. KZN
- *CALOTROPIS** R.Br. 6792000
(1) Rahman & Wilcock. 1991. *Nordic Journal of Botany* 11: 301–308.
- procera** (Aiton) R.Br.
Asclepias procera Aiton (1)
Perennial. Shrub or small tree. Ht 1–4 m. Alt? NW
- CANAHIA** Steud. 6780010
laniflora Steud. = **Kanahia laniflora**
- CARALLUMA** R.Br. 6884000
(1) Bruyns. 1999. *Botanische Jahrbücher* 121: 311–402.
acutiloba N.E.Br. = **Quaqua acutiloba**
albocastanea (Marloth) L.C.Leach = **Orbea albocastanea**
aperta (Masson) N.E.Br. = **Tromotriche aperta**
arenicola N.E.Br. = **Quaqua arenicola** subsp. **arenicola**
armata N.E.Br. = **Quaqua armata** subsp. **armata**
atrosanguinea (N.E.Br.) N.E.Br. = **Piранthus atrosanguineus**
- aurea* C.A.Lückh. = **Quaqua aurea**
ausana Dinter & A.Berger = **Quaqua incarnata** subsp. **hottentotorum**
bredae R.A.Dyer var. *bredae* = **Orbea miscella**
bredae R.A.Dyer var. *thomallae* R.A.Dyer = **Orbea miscella**
carnosa Stent = **Orbea carnosa** subsp. **carnosa**
caudata N.E.Br. subsp. *rhodesiaca* L.C.Leach = **Orbea caudata** subsp. **rhodesiaca**
caudata N.E.Br. var. *milleri* Nel = **Orbea caudata** subsp. **rhodesiaca**
chlorantha Schltr. (insufficiently known, probably a hybrid)
Perennial. Succulent. Ht? Alt? WC
cincta C.A.Lückh. = **Quaqua cincta**
dependens N.E.Br. = **Quaqua parviflora** subsp. **dependens**
ericeta Nel = **Quaqua parviflora** subsp. **gracilis**
fosteri Pillans = **Orbea carnosa** subsp. **keithii**
framesii Pillans = **Quaqua framesii**
gerstneri Letty = **Orbea gerstneri** subsp. **gerstneri**
gerstneri Letty subsp. *elongata* R.A.Dyer = **Orbea gerstneri** subsp. **elongata**
gracilis C.A.Lückh. = **Quaqua parviflora** subsp. **gracilis**
grandidens I.Verd. = **Orbea maculata** subsp. **maculata**
hottentotorum (N.E.Br.) N.E.Br. = **Quaqua incarnata** subsp. **hottentotorum**
incarnata (L.f.) N.E.Br. = **Quaqua incarnata** subsp. **incarnata**
incarnata (L.f.) N.E.Br. var. *alba* (G.Don) N.E.Br. = **Quaqua incarnata** subsp. **incarnata**
intermedia (N.E.Br.) Schltr. (insufficiently known)
Stapelia intermedia N.E.Br. (1)
Perennial. Succulent. Ht? Alt? WC
inversa N.E.Br. = **Quaqua inversa**
kalaharica Nel in A.C.White & B.Sloane = **Orbea knobelii**
keithii R.A.Dyer = **Orbea carnosa** subsp. **keithii**
knobelii (E.Phillips) E.Phillips = **Orbea knobelii**
langii A.C.White & B.Sloane = **Orbea knobelii**
lateritia N.E.Br. = **Orbea lutea** subsp. **lutea**
leendertziae N.E.Br. = **Orbea melanantha**
linearis N.E.Br. = **Quaqua linearis**
longicuspis N.E.Br. = **Orbea lugardii**
longipes N.E.Br. = **Pectinaria longipes** subsp. **longipes**
longipes N.E.Br. var. *villetii* C.A.Lückh. = **Pectinaria longipes** subsp. **villetii**
lugardii N.E.Br. = **Orbea lugardii**
lutea N.E.Br. = **Orbea lutea** subsp. **lutea**
lutea N.E.Br. subsp. *vaga* (N.E.Br.) L.C.Leach = **Orbea lutea** subsp. **vaga**
lutea N.E.Br. var. *lateritia* (N.E.Br.) Nel = **Orbea lutea** subsp. **lutea**
maculata N.E.Br. = **Orbea maculata** subsp. **maculata**

maculata N.E.Br. var. *brevidens* H.Huber = **Orbea maculata** subsp. **rangeana**
mammillaris (L.) N.E.Br. = **Quaqua mammillaris**
marlothii N.E.Br. = **Quaqua marlothii**
marlothii N.E.Br. var. *viridis* E.Lamb = **Quaqua marlothii**
maughani R.A.Dyer = **Pectinaria maughanii**
melanantha (Schltr) N.E.Br. = **Orbea melanantha**
multiflora R.A.Dyer = **Quaqua multiflora**
nebrownii A.Berger = **Orbea lutea** subsp. **vaga**
nebrownii A.Berger var. *discolor* Nel = **Orbea lutea** subsp. **vaga**
nebrownii A.Berger var. *pseudonebrownii* (Dinter) A.C.White & B.Sloane = **Orbea lutea** subsp. **vaga**
ortholoba Lavranos = **Quaqua acutiloba**
parviflora (Masson) N.E.Br. = **Quaqua parviflora** subsp. **parviflora**
peschii Nel
 Perennial. Succulent. Ht 20–150 mm. Alt 1000–1300 m. N
pillansii N.E.Br. = **Quaqua pillansii**
pruinosa (Masson) N.E.Br. = **Quaqua pruinosa**
pruinosa (Masson) N.E.Br. var. *nigra* C.A.Lückh. = **Quaqua pruinosa**
pseudonebrownii Dinter = **Orbea lutea** subsp. **vaga**
ramosa (Masson) N.E.Br. = **Quaqua ramosa**
rangeana Dinter & A.Berger = **Orbea maculata** subsp. **rangeana**
reflexa C.A.Lückh. = **Quaqua parviflora** subsp. **dependens**
rogersii (L.Bolus) E.A.Bruce & R.A.Dyer = **Orbea rogersii**
rubiginosa Werderm. = **Orbea melanantha**
schweickerdtii Oberm. = **Orbea carnosa** subsp. **keithii**
schweinfurthii A.Berger = **Orbea schweinfurthii**
serpentina Nel = **Notechidnopsis tessellata**
simulans N.E.Br. = **Quaqua marlothii**
swanepoelii Lavranos = **Quaqua parviflora** subsp. **swanepoelii**
tessellata Pillans = **Notechidnopsis tessellata**
tsumebensis Oberm. = **Orbea huillensis** subsp. **huillensis**
ubomboensis I.Verd. = **Orbea ubomboensis**
umdausensis Nel = **Tromotriche umdausensis**
vaga (N.E.Br.) A.C.White & B.Sloane = **Orbea lutea** subsp. **vaga**
valida N.E.Br. = **Orbea valida** subsp. **valida**
vansonii Bremek. & Oberm. = **Orbea lutea** subsp. **lutea**
villetii C.A.Lückh. = **Quaqua inversa**
virescens C.A.Lückh. = **Quaqua parviflora** subsp. **parviflora**
wilfriedii Dinter, naked name = **Quaqua acutiloba**
winkleriana (Dinter) A.C.White & B.Sloane = **Quaqua mammillaris**

CARISSA L. 6559000
 (1) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 226.
 (2) Codd. 1963. *FSA* 26: 250–258.
 (3) Kupicha. 1985. *FZ* 7,2: 398–404.
 (4) Leeuwenberg & Van Dilst. 2001. *Wageningen University Papers* 2001-1: 3–109.
bispinosa (L.) Desf. ex Brenan
C. bispinosa (L.) Desf. ex Brenan subsp. *zambesiensis* Kupicha (4)
C. bispinosa (L.) Desf. ex Brenan var. *acuminata* (E.Mey.) Codd (4)
C. haematocarpa (Eckl.) A.DC. (4)
C. wyliei N.E. Br. (4)
 Perennial. Shrub. Ht 0.2–5.5 m. Alt 0–2050 m. N, B, LIM, NW, G, M, S, KZN, NC, WC, EC
bispinosa (L.) Desf. ex Brenan subsp. *zambesiensis* Kupicha = **C. bispinosa**
bispinosa (L.) Desf. ex Brenan var. *acuminata* (E.Mey.) Codd = **C. bispinosa**
edulis Vahl
Azima pubescens Suss. (2)
 Perennial. Shrub. Ht 1–5.5 m. Alt 300–1950 m. N, B, LIM, M
grandiflora (E.Mey.) A.DC. = **C. macrocarpa**
haematocarpa (Eckl.) A.DC. = **C. bispinosa**
macrocarpa (Eckl.) A.DC.
C. grandiflora (E.Mey.) A.DC. (2)
 Perennial. Shrub. Ht 1–4 m. Alt 0–500 m. KZN, WC, EC
tetramera (Sacleux) Stapf
 Perennial. Shrub. Ht 0.2–3 m. Alt 0–550 m. LIM, M, S, KZN
wyliei N.E.Br. = **C. bispinosa**
CARUNCULARIA Haw. 6885200
aperta (Masson) Sweet = **Tromotriche aperta**
pedunculata (Masson) Haw. = **Tromotriche pedunculata**
***CATHARANTHUS** G.Don 6597000
 (1) Codd. 1963. *FSA* 26: 267, 268.
 (2) Plaizier. 1985. *FZ* 7,2: 453–456.
 (3) Henderson. 2001. *Alien weeds and invasive plants*: 45.
 (4) Van Bergen. 1996. *Wageningen Agricultural University Papers* 96-3: 3–46.
roseus (L.) G.Don
Lochnera rosea (L.) Rchb. ex Endl. (1)
 Perennial. Shrub, herb. Ht 0.3–0.7 m. Alt 0–1550 m. N, LIM, NW, G, M, S, KZN, WC, EC
CEROPEGIA L. 6874000
 (1) Huber. 1957. *Boletim da Sociedade Broteriana* 12: 1–203.
 (2) Dyer. 1980. *FSA* 27: 43–82.
 (3) Field. 1981. *Kew Bulletin* 36: 441–450.
 (4) Field. 1982. *Kew Bulletin* 37: 305–313.
 (5) Bruyns. 1984. *Dinteria* 17: 1–61.
 (6) Bruyns. 1985. *Bradleya* 3: 1–47.
 (7) Bruyns. 2000. In Goldblatt & Manning, *Strelitzia* 9: 280–290.
africana R.Br. subsp. **africana**
 Perennial. Succulent, climber. Ht 0.1–0.6 m. Alt 200–1000 m. KZN, WC, EC
africana R.Br. subsp. **barklyi** Bruyns
C. barkleyi Hook.f. (5)
C. barkleyi Hook.f. var. *tugelensis* N.E.Br. (2)
 Perennial. Succulent, climber, geophyte. Ht 0.05–0.5 m. Alt 300–1200 m. M, KZN, WC, EC

ampliata E.Mey. var. **ampliata**

Perennial. Succulent, climber. Ht 0.3–2 m. Alt 50–1100 m. LIM, M, S, KZN, WC?, EC

antennifera Schltr.

Perennial. Geophyte. Ht 0.15–0.3 m. Alt? KZN

apiculata Schltr. = **C. lugardiae****arenaria** R.A.Dyer

Perennial. Succulent, climber, creeper. Length 1–5 m. Alt 5–50 m. KZN

assimilis N.E.Br. = **C. cancellata****barbata** R.A.Dyer

Perennial. Climber. Ht 0.2–0.6 m. Alt 150–900 m. WC, EC

barbertonensis N.E.Br. = **C. linearis** subsp. **woodii****barkleyi** Hook.f. = **C. africana** subsp. **barklyi****barkleyi** Hook.f. var. **tugelensis** N.E.Br. = **C. africana** subsp. **barklyi****boerhaaviifolia** Schinz, not of Defflers = **C. pachystelma** subsp. **pachystelma****bonafouxii** K.Schum.

Perennial. Climber with tuber. Ht 1–3 m. Alt ± 1000 m. N

boussingaultiflora Dinter = **C. nilotica** var. **nilotica****bowkeri** Harv. subsp. **bowkeri**

Perennial. Herb. Ht 0.15–0.4 m. Alt 200–600 m. EC

bowkeri Harv. subsp. **sororia** (Harv. ex Hook.f.) R.A.Dyer

C. sororia Harv. ex Hook.f. (2)

Perennial. Herb. Ht 0.15–0.4 m. Alt 200–1300 m. WC, EC

brachysiphon H.Huber = **Riocreuxia aberrans****caffrorum** Schltr. = **C. linearis** subsp. **linearis****caffrorum** Schltr. var. **dubia** N.E.Br. = **C. linearis** subsp. **linearis****cancellata** Rechb.

C. assimilis N.E.Br. (2)

Perennial. Succulent, climber. Ht 0.15–1 m. Alt 100–600 m. EC

carnosa E.Mey.

C. racemosa N.E.Br. subsp. *setifera* (Schltr.) H.Huber (7)

C. setifera Schltr. (7)

Perennial. Climber. Ht 0.5–5 m. Alt 50–1600 m. N, LIM, M, S, KZN, EC

cimiciodora Oberm.

Perennial. Succulent, climber. Ht 0.5–3 m. Alt 50–700 m. LIM, S, KZN

connivens R.A.Dyer forma **angustata** R.A.Dyer = **C. fimbriata** subsp. **connivens****connivens** R.A.Dyer forma **connivens** = **C. fimbriata** subsp. **connivens****conrathii** Schltr.

Perennial. Geophytic succulent. Ht 30–100 mm. Alt 50–1500 m. G, FS, KZN

constricta N.E.Br. = **C. nilotica** var. **nilotica****craibii** J.E.Victor

Perennial. Geophyte. Ht 0.1–0.2 m. Alt? KZN

crassifolia Schltr. var. **crassifolia**

C. crispata N.E.Br. (1)

C. thorncroftii N.E.Br. (1)

C. tuberculata Dinter (1)

Perennial. Succulent climber. Ht 0.5–3 m. Alt 150–1300 m. LIM, NW, G, M, S, KZN, EC

crispata N.E.Br. = **C. crassifolia** var. **crassifolia****cycniflora** R.A.Dyer

Perennial. Succulent climber. Ht 1–3 m. Alt ± 1000 m. KZN

cyrtoidea Werderm. = **C. lugardiae****decidua** E.A.Bruce subsp. **decidua**

Perennial. Geophytic succulent to succulent climber. Ht 0.05–1 m. Alt ?–1200 m. LIM, G, S

decidua E.A.Bruce subsp. **pretoriensis** R.A.Dyer

Perennial. Geophytic succulent to succulent climber. Ht 20–300 mm. Alt 1000–1800 m. G, M

dinteri Schltr.

Perennial. Geophyte. Ht 0.15–0.5 m. Alt 1000–1500 m. N

distincta N.E.Br. subsp. **haygarthii** (Schltr.) H.Huber = **C. haygarthii****distincta** N.E.Br. subsp. **lugardae** (N.E.Br.) H.Huber = **C. lugardiae****distincta** N.E.Br. subsp. **verruculosa** R.A.Dyer

Perennial. Succulent climber. Ht 1–5 m. Alt 500–900 m. M

dubia R.A.Dyer

Perennial. Climber. Ht? Alt? EC?

estelleana R.A.Dyer = **C. fimbriata** subsp. **fimbriata****filiformis** (Burch.) Schltr.

C. infundibuliformis E.Mey. (1)

Perennial. Climber. Ht 0.3–1 m. Alt 900–1700 m. N, FS, NC, EC

fimbriata E.Mey. subsp. **connivens** (R.A.Dyer) Bruyns

C. connivens R.A.Dyer forma *angustata* R.A.Dyer (6)

C. connivens R.A.Dyer forma *connivens* (6)

Perennial. Climber. Ht 0.3–1 m. Alt 200–500 m. WC

fimbriata E.Mey. subsp. **fimbriata**

C. estelleana R.A.Dyer (2)

Perennial. Succulent climber. Ht 0.3–1 m. Alt 300–500 m. EC

fimbriata E.Mey. subsp. **geniculata** (R.A.Dyer) Bruyns

C. geniculata R.A.Dyer (6)

Perennial. Succulent climber. Ht 0.3–1 m. Alt 500–1200 m. WC, EC

flanaganii (Schltr.) H.Huber var. **alexandrina** H.Huber = **Riocreuxia alexandrina****flanaganii** (Schltr.) H.Huber var. **fallax** H.Huber = **Riocreuxia woodii****flanaganii** (Schltr.) H.Huber var. **flanaganii** = **Riocreuxia flanaganii****floribunda** N.E.Br.

Perennial. Succulent climber. Ht 0.5–2 m. Alt 1000–? m. N, B

fortuita R.A.Dyer

Perennial. Succulent climber. Ht 20–200 mm. Alt 200–? m. M, KZN

geniculata R.A.Dyer = **C. fimbriata** subsp. **geniculata****grandis** E.A.Bruce = **C. nilotica** var. **nilotica****gymnopoda** Schltr. = **Brachystelma gymnopodum**

hastata N.E.Br. = **C. linearis** subsp. **woodii**

haygarthii Schltr.

C. distincta N.E.Br. subsp. *haygarthii* (Schltr.) H.Huber (3)
C. tristis Hutch. (1)

Perennial. Succulent, climber. Ht 1–5 m. Alt 150–800 m. LIM, M, KZN, EC

infundibuliformis E.Mey. = **C. filiformis**

insignis R.A.Dyer

Perennial. Geophyte. Ht 0.15–0.3 m. Alt 1000–1100 m. NW

kwebensis N.E.Br. = **C. purpurascens** subsp. **purpurascens**

linearis E.Mey. subsp. **linearis**

C. caffrorum Schltr. (1)
C. caffrorum Schltr. var. *dubia* N.E.Br. (1)

Perennial. Succulent, climber. Ht 0.1–1 m. Alt 20–1000 m. S, KZN, EC

linearis E.Mey. subsp. **tenuis** (N.E.Br.) Bruyns

C. tenuis N.E.Br. (6)
Perennial. Succulent climber. Ht 0.1–0.6 m. Alt 10–500 m. EC

linearis E.Mey. subsp. **woodii** (Schltr.) H.Huber

C. barbertonensis N.E.Br. (1)
C. hastata N.E.Br. (1)
C. schoenlandii N.E.Br. (1)
C. woodii Schltr. (1)

Perennial. Succulent climber. Ht 0.1–1 m. Alt 50–1600 m. LIM, M, S, KZN, WC, EC

lugardiae N.E.Br.

C. apiculata Schltr. (1)
C. cyrtoidea Werderm. (1)
C. distincta N.E.Br. subsp. *lugardae* (N.E.Br.) H.Huber (2)

Perennial. Succulent climber. Ht 1–10 m. Alt 900–1300 m. N, B

mafekingensis (N.E.Br.) R.A.Dyer

Brachystelma mafekingense N.E.Br. (2)
C. patriciae Rauh & Buchloh (2)

Perennial. Geophyte. Ht 20–60 mm. Alt 1000–1600 m. N, B, NW, G

meyeri Decne.

C. pubescens E.Mey., not of Wall. (1)
Perennial. Climber with tuber. Ht 0.5–2 m. Alt 300–1300 m. M, KZN, EC

monteiroae Hook.f. = **C. sandersonii**

mozambicensis Schltr. = **C. nilotica** var. **nilotica**

multiflora Baker subsp. **multiflora**

C. multiflora Baker var. *latifolia* N.E.Br. (1)
Perennial. Succulent climber. Ht 0.5–2 m. Alt 900–1500 m. NW, M, G, FS, NC

multiflora Baker subsp. **tentaculata** (N.E.Br.) H.Huber

C. tentaculata N.E.Br. (1)
Perennial. Succulent climber. Ht 0.5–2 m. Alt 800–1600 m. N, B, LIM

multiflora Baker var. *latifolia* N.E.Br. = **C. multiflora** subsp. **multiflora**

nilotica Kotschy var. **nilotica**

C. boussingaultiflora Dinter (1)
C. constricta N.E.Br. (1)
C. grandis E.A.Bruce (1)
C. mozambicensis Schltr. (1)
C. plicata E.A.Bruce (1)

Perennial. Succulent climber. Ht 1–5 m. Alt 50–1500 m. N, B, LIM, M, KZN

obscura N.E.Br. = **C. pachystelma** subsp. **pachystelma** **occidentalis** R.A.Dyer

Perennial. Succulent climber. Ht 20–200 mm. Alt 5–1200 m. N, NC, WC

occulta R.A.Dyer

Perennial. Succulent climber. Ht 20–300 mm. Alt 200–700 m. WC

pachystelma Schltr. subsp. **pachystelma**

C. boerhaaviifolia Schinz, not of Deflers (2)
C. obscura N.E.Br. (2)
C. undulata N.E.Br. (2)

Perennial. Succulent climber. Ht 0.5–3 m. Alt 100–1600 m. N, B, LIM, NW, M, KZN, NC

paricyma N.E.Br.

Perennial. Climber with tuber. Ht 1–3 m. Alt ± 1000 m. N

patersoniae N.E.Br. = **C. zeyheri**

patriciae Rauh & Buchloh = **C. mafekingensis**

picta (Schltr.) H.Huber = **Riocreuxia picta**

plicata E.A.Bruce = **C. nilotica** var. **nilotica**

pubescens E.Mey., not of Wall. = **C. meyeri**

pumila N.E.Br. = **Brachystelma gymnopodium**

purpurascens K.Schum. subsp. **purpurascens**

C. kwebensis N.E.Br. (1)
Perennial. Climber with tuber. Ht 0.5–3 m. Alt 900–1200 m. N, B

pygmaea Schinz = **Brachystelma gymnopodium**

racemosa N.E.Br. subsp. *setifera* (Schltr.) H.Huber = **C. carnosa**

radicans Schltr. subsp. **radicans**

Perennial. Succulent creeper. Length 1–3 m. Alt 100–500 m. EC

radicans Schltr. subsp. **smithii** (M.R.Hend.) R.A.Dyer

C. radicans Schltr. var. *smithii* (M.R.Hend.) H.Huber (2)
C. smithii M.R.Hend. (1)

Perennial. Succulent creeper. Length 1–3 m. Alt 100–300 m. EC

radicans Schltr. var. *smithii* (M.R.Hend.) H.Huber = **C. radicans** subsp. **smithii**

rendallii N.E.Br.

Perennial. Succulent climber. Ht 0.1–1 m. Alt ?–1300 m. LIM, G, S, KZN

rudatisii Schltr.

Perennial. Herb. Ht 0.15–0.5 m. Alt? KZN

sandersonii Decne. ex Hook.f.

C. monteiroae Hook.f. (1)
Perennial. Succulent climber, creeper. Length 1–3 m. Alt 5–1000 m. KZN, EC

scabriflora N.E.Br.

Perennial. Herb. Ht 0.15–0.5 m. Alt 300–1400 m. G, KZN

schoenlandii N.E.Br. = **C. linearis** subsp. **woodii**

serpentina E.A.Bruce = **C. stapeliiformis** subsp. **serpentina**

setifera Schltr. = **C. carnosa**

smithii M.R.Hend. = **C. radicans** subsp. **smithii**

sororia Harv. ex Hook.f. = **C. bowkeri** subsp. **sororia**

stapeliiformis Haw. subsp. **serpentina** (E.A.Bruce) R.A.Dyer

- C. serpentina* E.A.Bruce (2)
Perennial. Succulent climber. Length 0.5–3 m. Alt 5–1700 m. LIM, G, M, S, KZN
- stapeliiformis** Haw. subsp. **stapeliiformis**
Perennial. Succulent climber. Length 0.5–1.5 m. Alt 200–800 m. EC
- stenantha** K.Schum.
Perennial. Succulent climber. Ht 0.5–2 m. Alt 50–1200 m. N, B, KZN
- stenoloba* Hochst. ex Chiov. var. *australis* H.Huber = **C. stenoloba** var. **stenoloba**
- stenoloba** Hochst. ex Chiov. var. **stenoloba**
C. stenoloba Hochst. ex Chiov. var. *australis* H.Huber (2)
Perennial. Climber with tuber. Ht 0.5–2 m. Alt 1000–1400 m. N
- stentiae** E.A.Bruce
Perennial. Geophyte. Ht 30–80 mm. Alt 1000–1300 m. LIM, NW
- tentaculata* N.E.Br. = **C. multiflora** subsp. **tentaculata**
- tenuis* N.E.Br. = **C. linearis** subsp. **tenuis**
- thorncroftii* N.E.Br. = **C. crassifolia** var. **crassifolia**
- swaziorum** D.V.Field
Perennial. Herbaceous climber with tuber. Ht 0.5–1 m. Alt ± 1000 m. S
- tomentosa** Schltr.
Perennial. Herb. Ht 0.15–0.5 m. Alt ?–500 m. EC
- tristis* Hutch. = **C. haygarthii**
- tuberculata* Dinter = **C. crassifolia** var. **crassifolia**
- turricula** E.A.Bruce
Perennial. Geophyte. Ht 0.15–0.3 m. Alt 800–1400 m. LIM, G, M
- undulata* N.E.Br. = **C. pachystelma** subsp. **pachystelma**
- woodii* Schltr. = **C. linearis** subsp. **woodii**
- zeyheri** Schltr.
C. patersoniae N.E.Br. (1)
Perennial. Succulent climber. Ht 0.3–1 m. Alt 300–1100 m. WC, EC
- CHLOROCODON** Hook.f. 6729010
whitei Hook.f. = **Mondia whitei**
- CHLOROCYATHUS** Oliv. 6731000
monteiroae Oliv. = **Raphionacme monteiroae**
- CONOPHARYNGIA** G.Don 6603010
elegans (Stapf) Stapf = **Tabernaemontana elegans**
ventricosa (Hochst. ex DC.) Stapf = **Tabernaemontana ventricosa**
- CORDYLOGYNE** Lindl. = **Cordylogyne** E.Mey.
CORDYLOGYNE E.Mey. 6783000
(1) Brown. 1909. *FC* 4: 315–418.
(2) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville, Durban.
- argillicola* Dinter = **Periglossum angustifolium**
- globosa** E.Mey.
Perennial. Paludophytic geophyte. Ht 120–765 mm. Alt 1000–2000 m. NW, G, M, FS, KZN, L, NC, EC
- kassnerianum* (Schltr.) Eyles = **Periglossum mackeenii**
- mossambicense* (Schltr.) Eyles = **Periglossum mackeenii**
- CRYPTOLEPIS** R.Br. 6740000
(1) Brown. 1907. *FC* 4: 526–530.
(2) Bullock. 1956. *Kew Bulletin* 11: 279–283.
(3) Venter & Verhoeven. 1997. *Taxon* 46: 705–720.
(4) Venter. In press. *South African Journal of Botany*.
- acutifolia* (Sond.) N.E.Br. = **C. oblongifolia**
- arenicola* Dinter = **C. oblongifolia**
- capensis** Schltr.
Perennial. Climber. Ht up to 2 m. Alt 10–1400 m. LIM, M, S, KZN, EC
- cryptolepioides** (Schltr.) Bullock
C. transvaalensis Schltr. (2)
Ectadiopsis cryptolepioides Schltr. (2)
Perennial. Shrub, climber. Ht up to 5 m. Alt 100–1900 m. LIM, NW, G, M, S?, KZN
- decidua** (Planch. ex Hook.f. & Benth.) N.E.Br.
Curroria decidua Planch. ex Hook.f. & Benth. subsp. *decidua* (4)
Perennial. Shrub. Ht up to 1.5 m. Alt 0–2000 m. N, B, NC
- delagoensis** Schltr.
Perennial. Climber. Ht 2–3 m. Alt 50–800 m. M, KZN
- monteiroae* Oliv. = **Stomatostemma monteiroae**
- oblongifolia** (Meisn.) Schltr.
C. acutifolia (Sond.) N.E.Br. (3)
C. arenicola Dinter (4)
Ectadiopsis acutifolia (Sond.) Benth. (1)
Ectadiopsis oblongifolia (Meisn.) Benth. (1)
Ectadium oblongifolium Meisn. (1)
Perennial. Shrub, scrambler. Ht 0.2–2 m. Alt 50–1800 m. N, B, LIM, NW, G, M, S, KZN
- obtusa** N.E.Br.
Perennial. Climber. Ht up to 4 m. Alt 70–600 m. LIM, M, S, KZN
- transvaalensis* Schltr. = **C. cryptolepioides**
- CURRORIA** Planch. ex Hook.f. & Benth. 6739000
decidua Planch. ex Hook.f. & Benth. subsp. *decidua* = **Cryptolepis decidua**
- CYNANCHUM** L. 6834000
(1) Liede. 1993. *Botanische Jahrbücher* 114: 503–550.
(2) Bruyns. 1997. *South African Journal of Botany* 63: 241.
- acuminatum* Thunb. = **Pentatropis capensis**
- africanum** (L.) Hoffmanns.
C. crassifolium R.Br. (1)
C. intermedium N.E.Br. (1)
C. pilosum R.Br. (1)
C. rotundifolium Thunb. ex Decne. (1)
Perennial. Climber. Ht 0.6–1 m. Alt 0–700 m. NC, WC, EC
- aphyllum* (Thunb.) Schltr. = **Sarcostemma viminale** subsp. **viminale**
- capense* L.f. = **Pentatropis capensis**
- capense* R.Br. = **C. obtusifolium**
- capense* Thunb. = **C. ellipticum**
- crassifolium* R.Br. = **C. africanum**
- dregeanum* Decne. = **C. obtusifolium**

- ellipticum** (Harv.) R.A.Dyer
C. capense Thunb. (2)
Perennial. Climber. Ht 1–10 m. Alt 0–1300 m. LIM,
NW, KZN, WC, EC
- intermedium* N.E.Br. = **C. africanum**
- gerrardii** (Harv.) Liede
C. sarcostemmatoides K.Schum. (1)
Perennial. Succulent, climber. Ht 0.5–2 m. Alt 5–1000
m. M, S, KZN, EC
- meyeri** (Decne.) Schltr.
Perennial. Shrub or creeper. Ht 200–500 mm. Alt 20–
200 m. N, NC
- mossambicense** K.Schum.
Perennial. Climber. Ht 1–3 m. Alt 300–500 m. LIM,
M, S
- natalitium** Schltr.
Perennial. Climber. Ht 300–500 mm. Alt 0–60 m.
KZN, WC, EC
- obtusifolium** L.f.
C. capense R.Br. (1)
C. dregeanum Decne. (1)
Cynoctonum brownii Meisn. (1)
Perennial. Climber. Ht 2–10 m. Alt 0–250 m. KZN,
WC, EC
- omissum* Bullock = **Fockea angustifolia**
- orangeanum** (Schltr.) N.E.Br.
Flanaganiana orangeana Schltr. (1)
Perennial. Herb. Ht 100–300 mm. Alt 1000–1500 m.
N, B, NW, FS, NC, EC
- pilosum* R.Br. = **C. africanum**
- rotundifolium* Thunb. ex Decne. = **C. africanum**
- sarcostemmatoides* K.Schum. = **C. gerrardii**
- schistoglossum** Schltr.
Perennial. Climber. Ht 1–10 m. Alt 50–500 m. N, B,
M, KZN
- validum** N.E.Br.
Schizostephanus alatus Hochst. ex K.Schum. (1)
Perennial. Climber to herb. Ht up to 1 m. Alt 600–800
m. LIM, M
- virens** (E.Mey.) D.Dietr.
Cynoctonum virens E.Mey. (1)
Perennial. Climber. Ht 0.5–2 m. Alt 1200–2000 m.
NW, G, FS, L, EC
- zeyheri** Schltr.
Perennial. Herb or creeper. Ht 100–200 mm. Alt 0–
300 m. WC
- CYNOCTONUM** E.Mey. 6834020
brownii Meisn. = **Cynanchum obtusifolium**
capense (L.f.) E.Mey. = **Pentatropis capensis**
virens E.Mey. = **Cynanchum virens**
- DAEMIA** R.Br. 6852000
extensa R.Br. = **Pergularia daemia** var. **daemia**
- DECABELONE** Decne. 6880010
barklyi T.-Dyer = **Tavaresia barklyi**
grandiflora Dinter = **Tavaresia barklyi**
meintjesii (R.A.Dyer) G.D.Rowley = **Tavaresia meint-
jesii**
- DICHAELIA** Harv. 6870030
barberae (Harv. ex Hook.f.) Bullock = **Brachystelma
barberae**
circinata (E.Mey.) Schltr. = **Brachystelma circinatum**
elongata Schltr. = **Brachystelma elongatum**
gerrardii Harv. = **Brachystelma gerrardii**
gracillima (R.A.Dyer) Bullock = **Brachystelma gracil-
limum**
natalensis Schltr. = **Brachystelma sandersonii**
- DIPLOCYATHA** N.E.Br. 6888000
ciliata (Thunb.) N.E.Br. = **Orbea ciliata**
- DIPLORHYNCHUS** Welw. ex 6589000
Ficalho & Hiern
(1) Codd. 1963. *FSA* 26: 264–267.
(2) Plaizier. 1985. *FZ* 7,2: 451–453.
- condylocarpon** (Müll.Arg.) Pichon
Perennial. Tree, shrub. Ht 1–9 m. Alt 320–1600 m. N,
B, LIM, NW, G, M
- DREGEA** E.Mey. 6914000
floribunda E.Mey. = **Marsdenia floribunda**
macrantha Klotzsch = **Marsdenia macrantha**
- DUVALIA** Haw. 6883000
(1) Bayer. 1977. *Bulletin of the African Succulent Plant Society* 12:
25–27.
(2) Meve. 1997. *The genus Duvalia (Stapeliaceae)*.
- angustiloba** N.E.Br.
Perennial. Succulent. Ht ± 30 mm. Alt 800–1700 m.
WC, EC
- caespitosa** (Masson) Haw. var. **caespitosa**
D. emiliana A.C.White (2)
D. hirtella (Jacq.) Sweet (2)
D. propinqua A.Berger (2)
D. radiata (Sims) Haw. var. *radiata* (2)
D. reclinata (Masson) Haw. (2)
D. replicata (Jacq.) Sweet (2)
Stapelia caespitosa Masson. var. *caespitosa* (2)
Stapelia caespitosa Masson var. *hirtella* (Jacq.) Loud. (2)
Stapelia hirtella Jacq. (2)
Stapelia radiata Sims (2)
Stapelia reclinata Masson (2)
Stapelia replicata Jacq. (2)
Perennial. Succulent. Ht 15–130 mm. Alt 100–1400
m. FS, NC, WC, EC
- caespitosa** (Masson) Haw. var. **compacta** (Haw.) Meve
D. compacta Haw. (2)
D. mastodes (Jacq.) Sweet (2)
Stapelia compacta Schult. (2)
Stapelia mastodes Jacq. (2)
Perennial. Succulent. Ht 15–90 mm. Alt 50–1100 m.
WC, EC
- compacta* Haw. = **D. caespitosa** var. **compacta**
- corderoyi** (Hook.f.) N.E.Br.
Stapelia corderoyi Hook.f. (2)
Perennial. Succulent. Ht 12–45 mm. Alt 1000–1600
m. FS, NC, WC, EC
- dentata* N.E.Br. = **D. polita**
- elegans** (Masson) Haw.
D. elegans (Masson) Haw. var. *seminuda* N.E.Br. (2)
D. jacquiniana (Schult.) Sweet (2)

- Stapelia elegans* Masson (2)
Stapelia radiata Jacq. (2)
 Perennial. Succulent. Ht 20–60 mm. Alt 150–300 m.
 WC
- elegans* (Masson) Haw. var. *namaquana* N.E.Br. = **D. pubescens**
- elegans* (Masson) Haw. var. *seminuda* N.E.Br. = **D. elegans**
- emiliana* A.C.White = **D. caespitosa** var. **caespitosa gracilis** Meve
 Perennial. Succulent. Ht 0.1–0.4 m. Alt 1300–1600 m.
 EC
- hirtella* (Jacq.) Sweet = **D. caespitosa** var. **caespitosa immaculata** (C.A.Lüchh.) Bayer ex L.C.Leach
D. maculata N.E.Br. var. *immaculata* C.A.Lüchh. (2)
 Perennial. Succulent. Ht up to 50 mm. Alt 50–150 m.
 WC
- jacquiniana* (Schult.) Sweet = **D. elegans maculata** N.E.Br.
D. minuta Nel (2)
 Perennial. Succulent. Ht ± 30 mm. Alt 700–2100 m.
 N, FS, NC, WC, EC
- maculata* N.E.Br. var. *immaculata* C.A.Lüchh. = **D. immaculata**
- mastodes* (Jacq.) Sweet = **D. caespitosa** var. **compacta**
- minuta* Nel = **D. maculata**
- modesta** N.E.Br.
 Perennial. Succulent. Ht 10–40 mm. Alt 150–1700 m.
 EC
- parviflora** N.E.Br.
 Perennial. Succulent. Ht 10–25 mm. Alt 300–600 m.
 WC
- pillansii** N.E.Br.
D. pillansii N.E.Br. var. *albanica* N.E.Br. (2)
 Perennial. Succulent. Ht ± 30 mm. Alt 150–750 m. EC
- pillansii* N.E.Br. var. *albanica* N.E.Br. = **D. pillansii**
- polita** N.E.Br.
D. dentata N.E.Br. (2)
D. polita N.E.Br. var. *parviflora* (L.Bolus) A.C.White & B.Sloane, illegitimate combination (2)
D. polita N.E.Br. var. *transvaalensis* (Schltr.) A.C.White & B.Sloane (2)
D. transvaalensis Schltr. (2)
D. transvaalensis Schltr. var. *parviflora* L.Bolus (2)
 Perennial. Succulent. Ht 20–100 mm. Alt 1000–1600 m. N, B, LIM, NW, G, M, S, KZN, NC
- polita* N.E.Br. var. *parviflora* (L.Bolus) A.C.White & B.Sloane, illegitimate combination = **D. polita**
- polita* N.E.Br. var. *transvaalensis* (Schltr.) A.C.White & B.Sloane = **D. polita**
- procumbens* R.A.Dyer = **Huernia procumbens**
- propinqua* A.Berger = **D. caespitosa** var. **caespitosa pubescens** N.E.Br.
D. elegans (Masson) Haw. var. *namaquana* N.E.Br. (2)
D. pubescens N.E.Br. var. *major* N.E.Br. (2)
 Perennial. Succulent. Ht up to 50 mm. Alt 650–1400 m. N, NC
- pubescens* N.E.Br. var. *major* N.E.Br. = **D. pubescens**
- radiata* (Sims) Haw. var. *radiata* = **D. caespitosa** var. **caespitosa**
- reclinata* (Masson) Haw. = **D. caespitosa** var. **caespitosa**
- replicata* (Jacq.) Sweet = **D. caespitosa** var. **caespitosa**
- transvaalensis* Schltr. = **D. polita**
- transvaalensis* Schltr. var. *parviflora* L.Bolus = **D. polita vestita** Meve
 Perennial. Succulent. Ht ± 30 mm. Alt 50–250 m. WC
- ECHIDNOPSIS** Hook.f. 6877000
- columnaris* (Nel) R.A.Dyer & D.S.Hardy = **Notechid-nopsis columnaris**
- serpentina* (Nel) A.C.White & B.Sloane = **Notechid-nopsis tessellata**
- ECTADIOPSIS** Benth. 6743000
- acutifolia* (Sond.) Benth. = **Cryptolepis oblongifolia**
- cryptolepioides* Schltr. = **Cryptolepis cryptolepioides**
- oblongifolia* (Meisn.) Benth. = **Cryptolepis oblongifolia**
- ECTADIUM** E.Mey. 6735000
- (1) Brown. 1907. *FC* 4: 531, 532.
 (2) Venter *et al.* 1990. *South African Journal of Botany* 56: 113–124.
- latifolium** (Schinz) N.E.Br.
E. virgatum E.Mey. var. *latifolium* Schinz (1)
 Perennial. Shrub. Ht up to 3 m. Alt 0–100 m. N
- oblongifolium* Meisn. = **Cryptolepis oblongifolia**
- rotundifolium** (H.Huber) Venter & Kotze
E. virgatum E.Mey. var. *rotundifolium* H.Huber (2)
 Perennial. Shrub. Ht up to 1 m. Alt 0–50 m. N
- virgatum** E.Mey.
 Perennial. Shrub. Ht up to 3 m. Alt 70–200 m. N, NC
- virgatum* E.Mey. var. *latifolium* Schinz = **E. latifolium**
- virgatum* E.Mey. var. *rotundifolium* H.Huber = **E. rotundifolium**
- EMPLECTANTHUS** N.E.Br. 6899010
- (1) Brown. 1907. *FC* 4: 315–418.
- cordatus** N.E.Br.
 Perennial. Climber. Ht? Alt? KZN
- gerrardii** N.E.Br.
 Perennial. Climber. Ht? Alt? KZN
- EPHIPPIOCARPA** Markgr. 6607010
- orientalis* (S.Moore) Markgr. = **Callichilia orientalis**
- EUSTEGIA** R.Br. 6785000
- (1) Brown. 1909. *FC* 4: 315–418.
 (2) Bruyns. 1999. *Botanische Jahrbücher* 121: 19–44.
 (3) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville, Durban.
- filiformis** (L.f.) Schult.
Apocynum filiforme L.f. (3)
E. humilis E.Mey. (3)
E. lonchitis E.Mey. (3)
 Perennial. Herb. Ht 80–150 mm. Alt 15–945 m. NC,
 WC
- fraterna** N.E.Br. var. **fraterna**
 Perennial. Herb. Ht 50–80 mm. Alt ± 100 m. WC
- fraterna** N.E.Br. var. **pubescens** N.E.Br.
 Perennial. Herb. Ht 50–80 mm. Alt 15–800 m. WC

hastata in sense of Sieber ex Decne. = **Microlooma sagittatum**

hastata (Thunb.) Spreng. = **E. minuta**

humilis E.Mey. = **E. filiformis**

lonchitis E.Mey. = **E. filiformis**

macropetala Schltr.

Perennial. Herb. Ht 80–100 mm. Alt ± 300 m. WC

minuta (L.f.) Schult.

Apocynum hastatum Thunb. (3)

Apocynum minutum L.f. (3)

E. hastata (Thunb.) Spreng. (3)

Perennial. Herb. Ht 50–80 mm. Alt ± 100 m. WC

plicata Schinz

Perennial. Herb. Ht 60–100 mm. Alt ± 100 m. WC

FANNINIA Harv. 6779000

(1) Brown. 1909. *FC* 4: 315–418.

(2) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville, Durban.

caloglossa Harv.

Perennial. Geophytic herb. Ht 100–250 mm. Alt 750–2500 m. FS, KZN, EC

FLANAGANIA Schltr. 6835000

orangeana Schltr. = **Cynanchum orangeanum**

FOCKEA Endl. 6924000

(1) Brown. 1908. *FC* 4: 777–782

(2) Dyer. 1933. *Kew Bulletin* 1933: 459, 460.

(3) Huber. 1967. *FSWA* 114: 30, 31

(4) Dyer. 1976. *The Flowering Plants of Africa* 43: t. 1711.

(5) Court. 1987. *Asklepios* 40: 69–74.

(6) Liede. 1996. *Annals of the Missouri Botanical Garden* 83: 283–345.

angustifolia K.Schum.

Cynanchum omissum Bullock (6)

F. dammarana Schltr. (3)

F. lugardii N.E.Br. (3)

F. sessiliflora Schltr. (3)

F. tugelensis N.E.Br. (5)

Perennial. Climber with tuber. Ht 0.3–2 m. Alt 800–1200 m. N, B, LIM, NW, S, FS, KZN, NC

capensis Endl.

F. crispa (Jacq.) K.Schum. (4)

Perennial. Climber with tuber. Ht 0.2–1 m. Alt 600–1100 m. WC

comaru (E.Mey.) N.E.Br.

Brachystelma comaru E.Mey. (1)

F. gracilis R.A.Dyer (5)

Perennial. Climber with tuber. Ht 30–500 mm. Alt 200–1800 m. N, NC, WC, EC

crispa (Jacq.) K.Schum. = **F. capensis**

cylindrica R.A.Dyer = **F. edulis**

dammarana Schltr. = **F. angustifolia**

edulis (Thunb.) K.Schum.

F. cylindrica R.A.Dyer (5)

F. glabra Decne. (2)

Perennial. Climber with tuber. Ht 0.3–2 m. Alt 50–300 m. KZN, WC, EC

glabra Decne. = **F. edulis**

gracilis R.A.Dyer = **F. comaru**

lugardii N.E.Br. = **F. angustifolia**

multiflora K.Schum.

F. schinzii N.E.Br. (3)

Perennial. Massive climber. Ht 3–15 m. Alt 500–1200 m. N, B

schinzii N.E.Br. = **F. multiflora**

sessiliflora Schltr. = **F. angustifolia**

sinuata (E.Mey.) Druce

Brachystelma sinuatum E.Mey. (5)

F. undulata N.E.Br. (5)

Perennial. Herb to climber, with tuber. Ht 50–300 mm. Alt 600–1500 m. N, FS, NC, WC, EC

tugelensis N.E.Br. = **F. angustifolia**

undulata N.E.Br. = **F. sinuata**

GLOSSOSTEPHANUS E.Mey. 6842010

linearis (L.f.) E.Mey. = **Oncinema lineare**

GOMPHOCARPUS R.Br. 6787000

(1) Brown. 1909. *FC* 4: 663–714.

(2) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 208.

(3) Bullock. 1952. *Kew Bulletin* 7: 405–426.

(4) Bruyns. 1995. *Bothalia* 25: 165–167.

(5) Goyder & Nicholas. 2001. *Kew Bulletin* 56: 769–836.

(6) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville, Durban.

(7) Nicholas. 2002. Personal communication.

acerateoides Schltr. = **Xysmalobium acerateoides**

adscendens Schltr. = **Asclepias adscendens**

affinis Schltr. = **Asclepias albens**

alatus Schltr. = **Pachycarpus dealbatus**

albens (E.Mey.) Decne. = **Asclepias albens**

angustifolius (Schweigg.) Link = **G. fruticosus** subsp. **fruticosus**

appendiculatus (E.Mey.) Decne. = **Pachycarpus appendiculatus**

arachnoideus E.Fourn. = **G. fruticosus** subsp. **fruticosus**

arborescens (L.) Aiton f. = **G. cancellatus**

arenarius Schltr. = **Asclepias crispa** var. **crispa**

asclepiaceus Schltr. = **Asclepias hastata**

asperifolius (Meisn.) Walp. = **Pachycarpus asperifolius**

aureus Schltr. = **Asclepias aurea**

brasiliensis E.Fourn. = **G. physocarpus**

brevicuspis (E.Mey.) D.Dietr. = **Asclepias brevicuspis**

brevipes Schltr. = **Asclepias brevipes**

campanulatus Harv. = **Pachycarpus campanulatus** var. **campanulatus**

cancellatus (Burm.f.) Bruyns

Asclepias arborea Salisb. (5)

Asclepias arborescens L. (5)

Asclepias cancellata Burm.f. (4)

Asclepias pubescens L. (5)

Asclepias rotundifolia Mill. (5)

G. arborescens (L.) Aiton f. (5)

G. cancellatus (Burm.f.) Nicholas & P.I.Forst., superfluous combination (5)

Perennial. Herb or shrub. Ht 0.7–1.4 m. Alt 20–1400 m. N, NC, WC, EC

cancellatus (Burm.f.) Nicholas & P.I.Forst., superfluous combination = **G. cancellatus**

- carinatus* (Schltr.) Schltr. = **Xysmalobium carinatum**
concinna Schltr. = **Asclepias concinna**
concolor (E.Mey.) Decne. = **Pachycarpus concolor**
corniculatus (E.Mey.) D.Dietr. = **Stenostelma corniculatum**
cornutus Decne. = **G. fruticosus** subsp. **fruticosus**
coronarius (E.Mey.) Decne. = **Pachycarpus coronarius**
crinitus Bertol. = **G. fruticosus** subsp. **fruticosus**
crispus (P.J.Bergius) R.Br. = **Asclepias crispata** var. **crispata**
cucullata Schltr. = **Asclepias cucullata**
cultriformis Harv. ex Schltr. = **Asclepias cultriformis**
dealbatus (E.Mey.) Decne. = **Pachycarpus dealbatus**
depressus Schltr. = **Asclepias multicaulis**
diploglossus Turcz. = **Aspidonepsis diploglossa**
eminens Harv. = **Asclepias eminens**
eustegioides (E.Mey.) D.Dietr. = **Schizoglossum eustegioides**
expansus (E.Mey.) D.Dietr. = **Asclepias expansa**
fallax Schltr. = **Asclepias fallax**
filiformis (E.Mey.) D.Dietr.
Asclepias buchenaviana Schinz (4)
Asclepias filiformis (E.Mey.) Benth. & Hook.f., not of Jacq. (1760), also not of L.f. (1781), invalid name (4)
Asclepias filiformis (E.Mey.) Kuntze, not of Jacq. (1760), also not of L.f. (1781) (5)
Asclepias filiformis (E.Mey.) Kuntze var. *buchenaviana* (Schinz) N.E.Br. (5)
Asclepias flagellaris Bolus ex Schltr. (5)
Lagarinthus filiformis E.Mey. (5)
 Perennial. Shrub. Ht 1–2.5(–3) m. Alt 460–1370 m. N, NC, WC
flexuosus (E.Mey.) D.Dietr. = **Asclepias flexuosa**
fragrans Schltr. = **Asclepias flexuosa**
frutescens E.Mey. = **G. fruticosus** subsp. **fruticosus**
fruticosus (L.) Aiton f. forma *brasiliensis* (E.Fourn.) Briq. = **G. physocarpus**
fruticosus (L.) Aiton f. subsp. **decipiens** (N.E.Br.) Goyder & Nicholas
Asclepias decipiens N.E.Br. (5)
 Perennial. Herb or shrub. Ht ± 1 m. Alt ± 1200 m. LIM, NW, G, M, FS, L
fruticosus (L.) Aiton f. subsp. **fruticosus**
Asclepias angustifolia Schweigg. (5)
Asclepias cornuta (Decne.) Cordem. (5)
Asclepias crinita (Bertol.) N.E.Br. (5)
Asclepias fruticosa L. (3)
Asclepias salicifolia Salisb. (5)
G. angustifolius (Schweigg.) Link (5)
G. arachnoideus E.Fourn. (5)
G. cornutus Decne. (5)
G. crinitus Bertol. (5)
G. frutescens E.Mey. (5)
 Annual or perennial. Herb or shrub. Ht 0.8–1.5(–4) m. Alt (45–)900–1500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
fruticosus (L.) Aiton f. subsp. **rostratus** (N.E.Br.) Goyder & Nicholas
Asclepias rostrata N.E.Br. (5)
G. rostratus (N.E.Br.) Bullock (5)
 Perennial. Herb or shrub. Ht ± 1 m. Alt? N, B
fruticosus (L.) Aiton f. var. *tomentosus* (Burch.) K.Schum. = **G. tomentosus** subsp. **tomentosus**
galpinii Schltr. = **Pachycarpus galpinii**
geminatus Schltr. = **Asclepias hastata**
geminiflorus Schltr. = **Pachycarpus concolor**
gerrardii Harv. = **Pachycarpus campanulatus** var. **sutherlandii**
gibbus (E.Mey.) D.Dietr. = **Asclepias gibba** var. **gibba**
glaberrimus Oliv. = **Kanahia laniflora**
glaucophyllus Schltr.
Asclepias glaucophylla (Schltr.) Schltr. (4)
Asclepias lilacina Weim. (5)
 Perennial. Geophytic herb. Ht 0.3–1 m. Alt 765–1500 (–1900) m. LIM, NW, G, M, S
gracilis (E.Mey.) D.Dietr. = **Aspidoglossum gracile**
grandiflorus (L.f.) Decne. = **Pachycarpus grandiflorus** subsp. **grandiflorus**
grandiflorus (L.f.) Decne. var. *tomentosus* Schltr. = **Pachycarpus grandiflorus** subsp. **tomentosus**
harveyanus Schltr. = **Xysmalobium prunelloides**
hastatus E.Mey. = **Asclepias hastata**
hastatus E.Mey. var. *angustifolius* Meisn. = **Asclepias crispata** var. **crispata**
humilis (E.Mey.) Decne. = **Asclepias humilis**
insignis Schltr. = **Pachycarpus transvaalensis**
interruptus (E.Mey.) D.Dietr. = **Aspidoglossum interruptum**
involutum (E.Mey.) D.Dietr. = **Xysmalobium involutum**
lanatus E.Mey. = **G. tomentosus** subsp. **tomentosus**
linearis (E.Mey.) D.Dietr. = **Pachycarpus linearis**
lineolatus Decne. = **Pachycarpus lineolatus**
longifolius Schltr. = **Xysmalobium gomphocarpoides** var. **gomphocarpoides**
macer (E.Mey.) D.Dietr. = **Sisyranthus macer**
mackenii Harv. = **Pachycarpus mackenii**
macroglossus Turcz. = **Pachycarpus appendiculatus**
macropus Schltr. = **Asclepias macropus**
marginatus (E.Mey.) Decne. = **Woodia mucronata**
marginatus Schltr. = **Asclepias dregeana** var. **dregeana**
meliodorus Schltr. = **Asclepias meliodora**
meyerianus Schltr. = **Asclepias meyeriana**
multicaulis (E.Mey.) D.Dietr. = **Asclepias multicaulis**
multiflorus Decne. = **Asclepias multiflorus**
navicularis (E.Mey.) D.Dietr. = **Asclepias navicularis**
nutans Klotzsch = **G. tomentosus** subsp. **tomentosus**
ochroleucus Schltr. = **Xysmalobium gerrardii**
orbicularis (E.Mey.) Schltr. = **Xysmalobium orbiculare**
ovatus Schltr. = **Xysmalobium acerateoides**
oxytropis Turcz. = **Asclepias gibba** var. **gibba**
pachyglossus Schltr. = **Xysmalobium parviflorum**
pachystephanus (Schltr.) Schltr. = **Schizoglossum linifolium** var. **linifolium**
padifolius Baker = **Xysmalobium orbiculare**
parviflorus Harv. ex Schltr. = **Xysmalobium asperum**

- peltigerus* (E.Mey.) D.Dietr. = **Asclepias peltigera**
physocarpus E.Mey.
Asclepias brasiliensis (E.Fourn.) Schltr. (5)
Asclepias physocarpa (E.Mey.) Schltr. (3)
G. brasiliensis E.Fourn. (5)
G. fruticosus (L.) Aiton f. forma *brasiliensis* (E.Fourn.) Briq. (5)
 Annual or perennial. Herb. Ht 1–2.5 m. Alt 30–700
 (–900) m. LIM, NW, M, S, KZN, WC, EC
- prunelloides* (Turcz.) Schltr. = **Xysmalobium prunel-
 loides**
rectinervis Schltr. = **Xysmalobium confusum**
reflectens (E.Mey.) Decne. = **Pachycarpus reflectens**
revolutus (E.Mey.) D.Dietr. = **Asclepias stellifera**
rigidus (E.Mey.) Decne. = **Pachycarpus rigidus**
rigidus (E.Mey.) Decne. var. *tridens* (E.Mey.) Decne. =
Pachycarpus rigidus
rivularis Schltr.
Asclepias rivularis (Schltr.) Schltr. (5)
 Perennial. Rheophytic herb or shrub. Ht ± 1.2 m. Alt
 750–1500 m. NW, G, M, S, KZN, EC
- rostratus* (N.E.Br.) Bullock = **G. fruticosus** subsp. **ros-
 tratus**
scaber Harv. = **Pachycarpus scaber**
schinzianus Schltr. = **Pachycarpus schinzianus**
schizoglossoides Schltr. = **Asclepias aurea**
schlechteri K.Schum. = **Asclepias schlechteri**
semiamplectens K.Schum.
Asclepias semiamplectens (K.Schum.) Hiern (5)
 Perennial. Geophytic herb. Ht 0.3–1 m. Alt? N
- simplex* Schltr. = **Asclepias stellifera**
stenoglossus Schltr. = **Stenostelma capense**
stockenstromensis (Scott-Elliot) Schltr. = **Xysmalobium
 stockenstromense**
suaveolens Schltr. = **Pachycarpus suaveolens**
tenuis (E.Mey.) D.Dietr. = **Schizoglossum linifolium** var.
linifolium
tomentosus Burch. subsp. **tomentosus**
Asclepias burchellii Schltr. (4)
Asclepias lanata (E.Mey.) Druce (5)
Asclepias nutans (Klotzsch) N.E.Br. (5)
Asclepias villosa Mill. (7)
G. fruticosus (L.) Aiton f. var. *tomentosus* (Burch.) K.Schum. (5)
G. lanatus E.Mey. (5)
G. nutans Klotzsch (5)
 Perennial. Herb or shrub. Ht 0.5–2 m. Alt 600–1600
 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC,
 EC
- transvaalensis* Schltr. = **Pachycarpus transvaalensis**
trifurcatus Schltr. = **Woodia mucronata**
truncatus (E.Mey.) D.Dietr. = **Asclepias praemorsa**
truncatus (E.Mey.) Harv. = **Asclepias praemorsa**
tysonianum (Schltr.) Schltr. = **Xysmalobium tysoni-
 anum**
undulatus (L.) Schltr. = **Xysmalobium undulatum**
undulatus Turcz. = **Woodia mucronata**
validus Schltr. = **Pachycarpus asperifolius**
velutinus Schltr. = **Asclepias velutina**
virgatus (E.Mey.) D.Dietr. = **Aspidoglossum virgatum**
- viridiflorus* (E.Mey.) Decne. = **Asclepias dregeana** var.
dregeana
woodii Schltr. = **Asclepias woodii**
- GONIOMA** E.Mey. 6581000
 (1) Codd. 1963. *FSA* 26: 262, 263.
- kamassi** E.Mey.
 Perennial. Tree, shrub. Ht 0.3–9 m. Alt 0–1350 m. LIM,
 S, KZN, WC, EC
- GYMNEMA** R.Br. 6891000
melananthum (N.E.Br.) K.Schum. ex Schltr. = **Sphaero-
 codon melananthus**
parvifolium Oliv. = **Secamone parvifolia**
sylvestre (Retz.) Schult. = **Marsdenia sylvestris**
- HOLARRHENA** R.Br. 6582000
 (1) Codd. 1963. *FSA* 26: 263, 264.
 (2) Ross. 1978. *The Flowering Plants of Africa* 44: t. 1758.
 (3) De Kruif. 1985. *FZ* 7.2: 456–458.
- pubescens** (Buch.-Ham.) Wall. ex G.Don
 Perennial. Tree, shrub. Ht 0.6–10 m. Alt 350–900 m.
 LIM
- HOODIA** Sweet ex Decne. 6878000
 (1) Bruyns. 1993. *Botanische Jahrbücher* 115: 145–270.
- albispina* N.E.Br. = **H. gordonii**
alstonii (N.E.Br.) Plowes
Trichocaulon alstonii N.E.Br. (1)
 Perennial. Succulent shrub. Ht 0.3–1 m. Alt 500–1100
 m. N, NC
annulata (N.E.Br.) Plowes = **H. pilifera** subsp. **annulata**
bainii T.-Dyer = **H. gordonii**
barklyi T.-Dyer = **H. gordonii**
burkei N.E.Br. = **H. gordonii**
colei Plowes = **H. pilifera** subsp. **pillansii**
currorii (Hook.) Decne. subsp. **currorii**
H. currorii var. *minor* R.A.Dyer (1)
H. gibbosa Nel (1)
H. macrantha Dinter (1)
H. montana Nel (1)
 Perennial. Succulent shrub. Ht 0.3–1 m. Alt 50–1400
 m. N
currorii (Hook.) Decne. subsp. **lugardii** (N.E.Br.) Bruyns
H. lugardii N.E.Br. (1)
 Perennial. Succulent shrub. Ht 0.3–1 m. Alt 600–1000
 m. B, LIM
currorii (Hook.) Decne. var. *minor* R.A.Dyer = **H. cur-
 rorii** subsp. **currorii**
delaetiana (Dinter) Plowes = **H. officinalis** subsp. **delae-
 tiana**
dregei N.E.Br.
 Perennial. Succulent shrub. Ht 0.2–0.5 m. Alt 700–900
 m. WC
flava (N.E.Br.) Plowes
Trichocaulon flavum N.E.Br. (1)
 Perennial. Succulent shrub. Ht 0.2–0.5 m. Alt 600–
 1400 m. N, NC, WC
foetida Plowes = **H. triebneri**
gibbosa Nel = **H. currorii** subsp. **currorii**

gordonii (Masson) Sweet ex Decne.

H. albispina N.E.Br. (1)
H. bainii T.-Dyer (1)
H. barklyi T.-Dyer (1)
H. burkei N.E.Br. (1)
H. husabensis Nel (1)
H. langii Oberm. & Letty (1)
H. longispina Plowes (1)
H. pillansii N.E.Br. (1)
H. rosea Oberm. & Letty (1)

Perennial. Succulent shrub. Ht 0.5–1 m. Alt 250–1200 m. N, FS, NC, WC

husabensis Nel = **H. gordonii**

juttae Dinter

Perennial. Succulent shrub. Ht 0.3–0.5 m. Alt 1000–1600 m. N

langii Oberm. & Letty = **H. gordonii**

longispina Plowes = **H. gordonii**

lugardii N.E.Br. = **H. currorii** subsp. **lugardii**

macrantha Dinter = **H. currorii** subsp. **currorii**

montana Nel = **H. currorii** subsp. **currorii**

officinalis (N.E.Br.) Plowes subsp. **delaetiana** (Dinter) Bruyns

H. delaetiana (Dinter) Plowes (1)
Trichocaulon delaetianum Dinter (1)

Perennial. Succulent shrub. Ht 0.2–0.4 m. Alt 300–500 m. N

officinalis (N.E.Br.) Plowes subsp. **officinalis**

H. rustica (N.E.Br.) Plowes (1)
Trichocaulon officinale N.E.Br. (1)
Trichocaulon pubiflorum Dinter (1)
Trichocaulon rusticum N.E.Br. (1)

Perennial. Succulent shrub. Ht 0.1–0.3 m. Alt 900–1600 m. N, FS, NC

parviflora N.E.Br.

Perennial. Succulent shrub to tree. Ht 0.3–2.2 m. Alt 800–1500 m. N

pedicellata (Schinz) Plowes

Trichocaulon pedicellatum Schinz (1)

Perennial. Sprawling succulent. Length 0.2–0.5 m. Alt 10–100 m. N

pilifera (L.f.) Plowes subsp. **annulata** (N.E.Br.) Bruyns

H. annulata (N.E.Br.) Plowes (1)
Trichocaulon annulatum N.E.Br. (1)

Perennial. Succulent shrub. Ht 0.3–0.8 m. Alt 600–1000 m. WC, EC

pilifera (L.f.) Plowes subsp. **pilifera**

Trichocaulon piliferum (L.f.) N.E.Br. (1)

Perennial. Succulent shrub. Ht 0.3–0.8 m. Alt 300–900 m. WC, EC

pilifera (L.f.) Plowes subsp. **pillansii** (N.E.Br.) Bruyns

H. colei Plowes (1)
Trichocaulon grande N.E.Br. (1)
Trichocaulon pillansii N.E.Br. (1)

Trichocaulon pillansii N.E.Br. var. *major* N.E.Br. (1)

Perennial. Succulent shrub. Ht 0.3–0.8 m. Alt 600–1100 m. WC

pillansii N.E.Br. = **H. gordonii**

rosea Oberm. & Letty = **H. gordonii**

rustica (N.E.Br.) Plowes = **H. officinalis** subsp. **officinalis**

ruschii Dinter

Perennial. Succulent. Ht 0.2–0.5 m. Alt 1400–1600 m. N

triebneri (Nel) Bruyns

H. foetida Plowes (1)
Trichocaulon triebneri Nel (1)

Perennial. Succulent shrub. Ht 0.2–0.3 m. Alt 800–1200 m. N

×**HOODIAPELIA** G.D.Rowley 6884080

(1) Rowley. 1976. *Repertorium Plantarum Succulentarum* 27: 4.

beukmanii (C.A.Lückh.) G.D.Rowley

Luckhoffia beukmanii (C.A.Lückh.) A.C.White & B.Sloane (1)

Perennial. Succulent. Ht? Alt? NC

×**HOODIOPSIS** C.A.Lückh. 6878010

(1) Lückhoff. 1933. *South African Gardening and Country Life* 23: 231.

triebneri C.A.Lückh. (1)

Perennial. Succulent. Ht? Alt? N, NC

HUERNIA R.Br. 6887000

(1) Leach. 1988. *Excelsa Taxonomic Series* 4: 1–197.

appendiculata Berger = **H. hystrix** var. **hystrix**

barbata (Masson) Haw.

H. barbata (Masson) Haw. var. *griquensis* N.E.Br. (1)

Stapelia barbata Masson (1)

Stapelia campanulata Masson (1)

Perennial. Succulent. Ht 30–100 mm. Alt 10–1600 m. FS, NC, WC, EC

barbata (Masson) Haw. var. *griquensis* N.E.Br. = **H. barbata**

bayeri L.C.Leach

Perennial. Succulent. Ht 20–60 mm. Alt? ‘CP’

bicampanulata I.Verd. = **H. kirkii**

blackbeardiae R.A.Dyer = **H. zebrina** subsp. **magniflora**

brevirostris N.E.Br. subsp. **baviaana** L.C.Leach

Perennial. Succulent. Ht up to 50 mm. Alt up to 1600 m. EC

brevirostris N.E.Br. subsp. **brevirostris**

Perennial. Succulent Ht up to 50 mm. Alt? EC

brevirostris N.E.Br. subsp. **intermedia** (N.E.Br.) L.C.Leach

H. brevisrostris N.E.Br. var. *histrionica* A.C.White & B.Sloane (1)

H. brevisrostris N.E.Br. var. *immaculata* (N.E.Br.) A.C.White & B.Sloane (1)

H. brevisrostris N.E.Br. var. *intermedia* N.E.Br. (1)

H. brevisrostris N.E.Br. var. *longula* (N.E.Br.) A.C.White & B.Sloane (1)

H. brevisrostris N.E.Br. var. *pallida* (N.E.Br.) A.C.White & B.Sloane (1)

H. brevisrostris N.E.Br. var. *parvipuncta* A.C.White & B.Sloane (1)

H. brevisrostris N.E.Br. var. *scabra* (N.E.Br.) A.C.White & B.Sloane (insufficiently known) (1)

H. scabra N.E.Br. (1)

H. scabra N.E.Br. var. *immaculata* N.E.Br. (1)

H. scabra N.E.Br. var. *longula* N.E.Br. (1)

Perennial. Succulent. Ht? Alt? WC, EC, NC

brevirostris N.E.Br. var. **ecornuta** (N.E.Br.) A.C.White & B.Sloane (insufficiently known)

Perennial. Succulent. Ht? Alt? ‘CP’

brevirostris N.E.Br. var. *histrionica* A.C.White & B.Sloane = **H. brevisrostris** subsp. **intermedia**

brevirostris N.E.Br. var. *immaculata* (N.E.Br.) A.C.White & B.Sloane = **H. brevisrostris** subsp. **intermedia**

brevirostris N.E.Br. var. *intermedia* N.E.Br. = **H. brevisrostris** subsp. **intermedia**

- brevirostris* N.E.Br. var. *longula* (N.E.Br.) A.C.White & B.Sloane = **H. brevisrostris** subsp. **intermedia**
- brevirostris* N.E.Br. var. *pallida* (N.E.Br.) A.C.White & B.Sloane = **H. brevisrostris** subsp. **intermedia**
- brevirostris* N.E.Br. var. *parvipuncta* A.C.White & B.Sloane = **H. brevisrostris** subsp. **intermedia**
- brevirostris* N.E.Br. var. *scabra* (N.E.Br.) A.C.White & B.Sloane = **H. brevisrostris** subsp. **intermedia**
- campanulata** (Masson) Haw.
H. campanulata (Masson) Haw. var. *denticoronata* N.E.Br. (1)
Perennial. Succulent. Ht up to 60 mm. Alt? WC
- campanulata* (Masson) Haw. var. *denticoronata* N.E.Br. = **H. campanulata**
- clavigera** (Jacq.) Haw.
H. clavigera (Jacq.) Haw. var. *maritima* N.E.Br. (1)
H. decemdentata N.E.Br. (1)
H. ingeae Lavranos (1)
Perennial. Succulent. Ht 50–60 mm. Alt? WC
- clavigera* (Jacq.) Haw. var. *maritima* N.E.Br. = **H. clavigera**
- confusa* E.Phillips = **H. insigniflora**
- decemdentata* N.E.Br. = **H. clavigera**
- distincta* N.E.Br. = **H. ×distincta**
- ×**distincta** N.E.Br.
H. distincta N.E.Br. (1)
Perennial. Succulent. Ht? Alt? WC
- echidnopsioides** (L.C.Leach) L.C.Leach
H. pillansii N.E.Br. subsp. *echidnopsioides* L.C.Leach (1)
H. longii Pillans subsp. *echidnopsioides* (L.C.Leach) Bruyns (1)
Perennial. Succulent. Ht 20–120 mm. Alt 300–900 m. EC
- guttata** (Masson) Haw. subsp. **calitzdorpensis** L.C.Leach
Perennial. Succulent. Ht 20–120 mm. Alt? WC
- guttata** (Masson) Haw. subsp. **guttata**
H. ocellata (Jacq.) Schult. (1)
Stapelia guttata Masson
Stapelia ocellata Jacq. (1)
Perennial. Succulent. Ht 20–120 mm. Alt 400–1000 m. NC, WC, EC
- hallii** E.Lamb & B.M.Lamb
H. namaquensis Pillans subsp. *hallii* (E.Lamb & B.M.Lamb) Bruyns (1)
Perennial. Succulent. Ht 10–40 mm. Alt 1300–1700 m. N
- herrei* A.C.White & B.Sloane = **H. namaquensis**
- humilis** (Masson) Haw.
H. simplex N.E.Br. (1)
Stapelia humilis Masson (1)
Perennial. Succulent. Ht 10–50 mm. Alt 1200–1600 m. NC, WC, EC
- hystrix* (Hook.f.) N.E.Br. var. *appendiculata* (A.Berger) A.C.White & B.Sloane = **H. hystrix** var. **hystrix**
- hystrix** (Hook.f.) N.E.Br. var. **hystrix**
H. appendiculata Berger (1)
H. hystrix (Hook.f.) N.E.Br. var. *appendiculata* (A.Berger) A.C.White & B.Sloane (1)
Stapelia hystrix Hook.f. (1)
Perennial. Succulent. Ht 30–100 mm. Alt 100–1100 m. LIM, M, S, KZN
- hystrix** (Hook.f.) N.E.Br. var. **parvula** L.C.Leach
Perennial. Succulent. Ht 30–100 mm. Alt 200–600 m. KZN, EC
- ingeae* Lavranos = **H. clavigera**
- insigniflora** C.A.Maass
H. confusa E.Phillips (1)
Perennial. Succulent. Ht 30–70 mm. Alt 1300–1850 m. LIM, M
- kennedyana** Lavranos
Perennial. Succulent. Ht 10–30 mm. Alt 1100–1500 m. EC
- kirkii** N.E.Br.
H. bicampanulata I.Verd. (1)
Perennial. Succulent. Ht 20–70 mm. Alt 300–1200 m. LIM, M, KZN
- levyi** Oberm.
Perennial. Succulent. Ht 20–100 mm. Alt 800–1100 m. N, B
- loeseneriana** Schltr.
Perennial. Succulent. Ht 20–60 mm. Alt 1400–1700 m. G, M, FS
- longii** Pillans
Perennial. Succulent. Ht 20–80 mm. Alt 200–400 m. EC
- longii* Pillans subsp. *echidnopsioides* (L.C.Leach) Bruyns = **H. echidnopsioides**
- longituba** N.E.Br. subsp. **longituba**
Perennial. Succulent. Ht 30–100 mm. Alt 900–1500 m. B, NW, FS
- namaquensis** Pillans
H. herrei A.C.White & B.Sloane (1)
H. owamboensis R.A.Dyer (1)
Perennial. Succulent. Ht 20–60 mm. Alt 20–1100 m. N, NC
- namaquensis* Pillans subsp. *hallii* (E.Lamb & B.M.Lamb) Bruyns = **H. hallii**
- nouhuysii** I.Verd.
Perennial. Succulent. Ht 20–60 mm. Alt 1500–1600 m. LIM
- ocellata* (Jacq.) Schult. = **H. guttata** subsp. **guttata**
- oculata** Hook.f.
H. rogersii R.A.Dyer (1)
Perennial. Succulent. Ht? Alt? N
- owamboensis* R.A.Dyer = **H. namaquensis**
- pendula** E.A.Bruce
Perennial. Pendulous succulent. Length 0.15–0.5(–1.5) m. Alt 400–800 m. EC
- piersii** N.E.Br.
Perennial. Succulent. Ht? Alt? EC
- pillansii** N.E.Br.
Perennial. Succulent. Ht? Alt? WC, EC
- pillansii* N.E.Br. subsp. *echidnopsioides* L.C.Leach = **H. echidnopsioides**
- plowesii** L.C.Leach
Perennial. Succulent. Ht 10–40 mm. Alt 1400–1950 m. N
- praestans** N.E.Br.
Perennial. Succulent. Ht? Alt? WC
- primulina* N.E.Br. var. *primulina* = **H. thuretii** var. **primulina**
- primulina* N.E.Br. var. *rugosa* N.E.Br. = **H. thuretii** var. **primulina**

- procumbens** (R.A.Dyer) L.C.Leach
Duvalia procumbens R.A.Dyer (1)
Perennial. Succulent. Ht? Alt? LIM
- quinta** (E.Phillips) A.C.White & B.Sloane var. **blyde-
riverensis** L.C.Leach
Perennial. Succulent. Ht 20–60 mm. Alt 750–1200 m.
M
- quinta** (E.Phillips) A.C.White & B.Sloane var. **quinta**
H. scabra N.E.Br. var. *quinta* E.Phillips (1)
Perennial. Succulent. Ht 20–60 mm. Alt 1000–1250 m.
LIM, M
- reticulata** (Masson) Haw.
Stapelia reticulata Masson (1)
Perennial. Succulent. Ht 30–100 mm. Alt 100–650 m.
NC, WC
- rogersii* R.A.Dyer = **H. oculata**
- scabra* N.E.Br. = **H. brevirostris** subsp. **intermedia**
- scabra* N.E.Br. var. *immaculata* N.E.Br. = **H. brevi-
rostris** subsp. **intermedia**
- scabra* N.E.Br. var. *longula* N.E.Br. = **H. brevirostris**
subsp. **intermedia**
- scabra* N.E.Br. var. *quinta* E.Phillips = **H. quinta** var.
quinta
- simplex* N.E.Br. = **H. humilis**
- stapelioides** Schltr.
H. vogtsii E.Phillips (1)
Perennial. Succulent. Ht 20–80 mm. Alt 500–1100 m.
LIM, G, M, S
- thudichumii** L.C.Leach
Perennial. Succulent. Ht? Alt? WC
- thuretii** F.Cels var. **primulina** (N.E.Br.) L.C.Leach
H. primulina N.E.Br. var. *primulina* (1)
H. primulina N.E.Br. var. *rugosa* N.E.Br. (1)
Perennial. Succulent. Ht? Alt? EC
- thuretii** F.Cels var. **thuretii**
Stapelia thuretii (F.Cels) Croucher (1)
Perennial. Succulent. Ht 20–60 mm. Alt 30–1500 m.
N, NC, WC, EC
- transvaalensis** Stent
Perennial. Succulent. Ht 30–100 mm. Alt 900–1200
m. LIM, NW, G, M
- urceolata** L.C.Leach
Perennial. Succulent. Ht 50–150 mm. Alt 1000–1300
m. N
- venusta** (Masson) Haw. (insufficiently known)
Perennial. Succulent. Ht? Alt? 'CP'
- verekeri** Stent var. **verekeri**
Perennial. Succulent. Ht 30–100 mm. Alt 1000–1100
m. N, B
- vogtsii* E.Phillips = **H. stapelioides**
- whitesloaneana** Nel
Perennial. Succulent. Ht 10–20 mm. Alt 1100–1700
m. LIM
- witzenbergensis** C.A.Lückh.
Perennial. Succulent. Ht? Alt? WC
- zebrina** N.E.Br. subsp. **magniflora** (E.Phillips) L.C.
Leach
H. blackbeardiae R.A.Dyer (1)
H. zebrina N.E.Br. var. *magniflora* E.Phillips (1)
Perennial. Succulent. Ht? Alt? N, B, LIM, NW, M
- zebrina** N.E.Br. subsp. **zebrina**
Perennial. Succulent. Ht 20–80 mm. Alt 200–1300 m.
LIM, M, S, KZN
- zebrina* N.E.Br. var. *magniflora* E.Phillips = **H. zebrina**
subsp. **magniflora**
- HUERNIOPSIS** N.E.Br. 6882000
- atrosanguinea* (N.E.Br.) A.C.White & B.Sloane =
Piaranthus atrosanguineus
- decipiens* N.E.Br. = **Piaranthus decipiens**
- gibbosa* Nel in A.C.White & B.Sloane = **Piaranthus**
atrosanguineus
- papillata* Nel in A.C.White & B.Sloane = **Piaranthus**
atrosanguineus
- ISCHNOLEPIS** Jum. & H.Perrier 6747050
- (1) Bullock. 1955. *Kew Bulletin* 10: 362.
(2) Venter *et al.* 1990. *South African Journal of Botany* 56,3: 393–398.
(3) Venter & Verhoeven. 2001. *Annals of the Missouri Botanical
Garden* 88: 550–568.
- natalensis** (Schltr.) Venter
Pentopetia natalensis Schltr. (1)
Petopentia natalensis (Schltr.) Bullock (3)
Tacazzea natalensis (Schltr.) N.E.Br. (1)
Perennial. Climber. Ht up to 15 m. Alt 50–700 m.
KZN, EC
- KANAHIA** R.Br. 6780000
- (1) Brown. 1907–1909. *FC* 4: 315–1036.
(2) Dyer. 1943. *The Flowering Plants of South Africa* 23: t. 900.
(3) Bullock. 1953. *Kew Bulletin* 1952: 405–426.
(4) Van Steenis. 1981. *Rheophytes of the world*: 203, 204.
(5) Nicholas. 1999. *A taxonomic reassessment of the subtribe Ascle-
piadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. Uni-
versity of Durban-Westville, Durban.
- glaberrima* (Oliv.) N.E.Br. = **K. laniflora**
- laniflora* Del., illegitimate name, superfluous = **K. lani-
flora**
- laniflora** (Forssk.) R.Br.
Asclepias coarctata S.Moore (3)
Asclepias glaberrima (Oliv.) Schltr. (1)
Asclepias laniflora Delile, not of Forssk., illegitimate name (1)
Asclepias laniflora Forssk. (1)
Asclepias rivalis S.Moore (4)
Canahia laniflora Steud. (1)
Gomphocarpus glaberrimus Oliv. (1)
K. glaberrima (Oliv.) N.E.Br. (2)
K. laniflora Del., illegitimate name, superfluous (5)
Perennial. Rheophytic herb. Ht 0.25–2.5 m. Alt 273–
915 m. LIM, M
- KREBSIA** Harv., not of Eckl. & 6789010
Zeyh.
- carinata* Schltr. = **Xysmalobium carinatum**
- corniculata* (E.Mey.) Schltr. = **Stenostelma cornicula-
tum**
- stenoglossus* (Schltr.) Schltr. = **Stenostelma capense**
- LAGARINTHUS** E.Mey. 6778040
- abyssinicus* Hochst. ex Benth., superfluous name, ille-
gitimate = **Aspidoglossum interruptum**
- atrorubens* (Schltr.) Bullock = **Schizoglossum bidens**
subsp. **atrorubens**
- barbatus* Turcz. = **Sisyranthus barbatus**

- brevicuspis* E.Mey. = **Asclepias brevicuspis**
corniculatus E.Mey. = **Stenostelma corniculatum**
diversus (N.E.Br.) Bullock = **Schizoglossum bidens**
 subsp. **gracile**
exilis Decne., superfluous name, illegitimate = **Aspidoglossum gracile**
expansus E.Mey. = **Asclepias expansa**
eustegioides E.Mey. = **Schizoglossum eustegioides**
filiformis E.Mey. = **Gomphocarpus filiformis**
flexuosus E.Mey. = **Asclepias flexuosa**
galpinii (Schltr.) Bullock = **Schizoglossum bidens** subsp. **galpinii**
gibbus E.Mey. = **Asclepias gibba** var. **gibba**
gracilis E.Mey. = **Aspidoglossum gracile**
involucratus E.Mey. = **Xysmalobium involucratum**
interruptus E.Mey. = **Aspidoglossum interruptum**
linearis E.Mey. = **Pachycarpus linearis**
macer E.Mey. = **Sisyranthus macer**
multicaulis E.Mey. = **Asclepias multicaulis**
navicularis E.Mey. = **Asclepias navicularis**
peltigerus E.Mey. = **Asclepias peltigera**
revolutus E.Mey. = **Asclepias stellifera**
revolutus E.Mey. var. *minor* E.Mey. = **Asclepias meyeriana**
tenellus Turcz. = **Schizoglossum aschersonianum** var. **aschersonianum**
tenuis E.Mey. = **Schizoglossum linifolium** var. **linifolium**
truncatus E.Mey. = **Asclepias praemorsa**
virgatus E.Mey. = **Aspidoglossum virgatum**

LANDOLPHIA P.Beauv. 6562000

- (1) Codd. 1963. *FSA* 26: 258–261.
 (2) Kupicha. 1985. *FZ* 7,2: 408–416.

capensis Oliv. = **Ancylobotrys capensis**

kirkii T.-Dyer ex Hook.f.

Perennial. Shrub, climber. Ht 0.6–9 m. Alt 0–1500 m. LIM, KZN

petersiana (Klotzsch) T.-Dyer ex Hook.f. = **Ancylobotrys petersiana**

LARRYLEACHIA Plowes 6879060

- (1) Bruyns. 1993. *Botanische Jahrbücher* 115: 145–270.
 (2) Plowes. 1996. *Excelsa* 17: 3–28.
 (3) Bruyns. 1999. *South African Journal of Botany* 65: 302–305.

Note: separation of *Larryleachia* from *Lavrania* inferred from non-coding nuclear and chloroplast DNA sequences.

cactiformis (Hook.) Plowes

- Lavrania cactiformis* (Hook.) Bruyns in part (2)
Leachia cactiformis (Hook.) Plowes, illegitimate name (2)
Leachiella cactiformis (Hook.) Plowes, illegitimate name (2)
Trichocaulon cactiforme (Hook.) N.E.Br. (2)
Stapelia cactiformis Hook. (2)

Perennial. Succulent. Ht 0.1–0.2 m. Alt 150–1100 m. NC

dinteri (A.Berger) Plowes

- Lavrania marlothii* (N.E.Br.) Bruyns in part (2)
Leachia dinteri (A.Berger) Plowes, illegitimate name (2)
Leachiella dinteri (A.Berger) Plowes, illegitimate name (2)
Trichocaulon dinteri A.Berger (2)
Trichocaulon sinus-luederitzii Dinter (2)

Perennial. Succulent. Ht 30–150 mm. Alt? N, NC

felina (D.T.Cole) Plowes

- Lavrania cactiformis* (Hook.) Bruyns in part (2)
Leachia felina (D.T.Cole) Plowes, illegitimate name (2)
Leachiella felina (D.T.Cole) Plowes, illegitimate name (2)
Trichocaulon felinum D.T.Cole in part (2)
 Perennial. Succulent. Ht up to 0.2 m. Alt up to 1100 m. NC

marlothii (N.E.Br.) Plowes

- Lavrania marlothii* (N.E.Br.) Bruyns in part (2)
Leachia marlothii (N.E.Br.) Plowes, illegitimate name (2)
Leachiella marlothii (N.E.Br.) Plowes, illegitimate name (2)
Trichocaulon keetmanshoopense Dinter (2)
Trichocaulon marlothii N.E.Br. (2)
 Perennial. Succulent. Ht up to 150 mm. Alt up to 1000 m. N, NC

meloformis (Marloth) Plowes

- Lavrania picta* (N.E.Br.) Bruyns subsp. *picta* in part (2)
Leachia meloformis (Marloth) Plowes (2)
Leachiella meloformis (Marloth) Plowes (2)
Trichocaulon engleri Dinter (2)
Trichocaulon meloforme Marloth (2)
 Perennial. Succulent. Ht 0.1–0.2 m. Alt 800–1600 m. N

perlata (Dinter) Plowes

- Lavrania perlata* (Dinter) Bruyns (2)
Leachia perlata (Dinter) Plowes, illegitimate name (2)
Leachiella perlata (Dinter) Plowes, illegitimate name (2)
Trichocaulon cinereum Pillans in part (2)
Trichocaulon kubusense Nel (2)
Trichocaulon perlatum Dinter (2)
Trichocaulon truncatum Pillans (2)
 Perennial. Succulent. Ht 0.1–0.3 m. Alt 250–700 m. NC

picta (N.E.Br.) Plowes

- Lavrania picta* (N.E.Br.) Bruyns subsp. *picta* in part (2)
Leachia picta (N.E.Br.) Plowes (2)
Leachiella picta Plowes (2)
Trichocaulon pictum N.E.Br. (2)
 Perennial. Succulent. Ht? Alt 800–1600 m. NC

similis (N.E.Br.) Plowes

- Lavrania cactiformis* (N.E.Br.) Bruyns in part (2)
Leachia similis (N.E.Br.) Plowes, illegitimate name (2)
Leachiella similis (N.E.Br.) Plowes, illegitimate name (2)
Trichocaulon simile N.E.Br. (2)
 Perennial. Succulent. Ht? Alt? NC

sociarum (A.C.White & B.Sloane) Plowes (insufficiently known)

- Leachia sociarum* (A.C.White & B.Sloane) Plowes, illegitimate name (2)
Leachiella sociarum (A.C.White & B.Sloane) Plowes, illegitimate name (2)
Trichocaulon sociarum A.C.White & B.Sloane (insufficiently known) (2)
 Perennial. Succulent. Ht? Alt? N

tirasmontana Plowes

- Leachia tirasmontana* Plowes, illegitimate name (2)
Leachiella tirasmontana Plowes, illegitimate name (2)
 Perennial. Succulent. Ht 0.03–0.18 m. Alt 350–1800 m. N

LAVRANIA Plowes 6879050

- (1) Bruyns. 1993. *Botanische Jahrbücher* 115: 145–270.
 (2) Plowes. 1996. *Excelsa* 17: 3–28.
 (3) Bruyns. 1999. *South African Journal of Botany* 65: 302–305.

cactiformis (Hook.) Bruyns in part = **Larryleachia cactiformis**

cactiformis (Hook.) Bruyns in part = **Larryleachia felina**

- cactiformis* (Hook.) Bruyns in part = **Larryleachia similis**
haagnerae Plowes
 Perennial. Succulent. Ht 0.15–0.3 m. Alt 700–900 m. N
- marlothii* (N.E.Br.) Bruyns in part = **Larryleachia dinteri**
- marlothii* (N.E.Br.) Bruyns in part = **Larryleachia marlothii**
- perlata* (Dinter) Bruyns = **Larryleachia perlata**
- picta* (N.E.Br.) Bruyns subsp. *picta* in part = **Larryleachia meloformis**
- picta* (N.E.Br.) Bruyns subsp. *picta* in part = **Larryleachia picta**
- LEACHIA** Plowes, illegitimate name 6879010
- cactiformis* (Hook.) Plowes, illegitimate name = **Larryleachia cactiformis**
- dinteri* (A.Berger) Plowes, illegitimate name = **Larryleachia dinteri**
- felina* (D.T.Cole) Plowes, illegitimate name = **Larryleachia felina**
- marlothii* (N.E.Br.) Plowes, illegitimate name = **Larryleachia marlothii**
- meloformis* (Marloth) Plowes = **Larryleachia meloformis**
- perlata* (Dinter) Plowes, illegitimate name = **Larryleachia perlata**
- picta* (N.E.Br.) Plowes = **Larryleachia picta**
- similis* (N.E.Br.) Plowes, illegitimate name = **Larryleachia similis**
- sociarum* (A.C.White & B.Sloane) Plowes = **Larryleachia sociarum**
- tirasmontana* Plowes, illegitimate name = **Larryleachia tirasmontana**
- LEACHIELLA** Plowes, illegitimate name 6879020
- cactiformis* (Hook.) Plowes, illegitimate name = **Larryleachia cactiformis**
- dinteri* (A.Berger) Plowes, illegitimate name = **Larryleachia dinteri**
- felina* (D.T.Cole) Plowes, illegitimate name = **Larryleachia felina**
- marlothii* (N.E.Br.) Plowes, illegitimate name = **Larryleachia marlothii**
- meloformis* (Marloth) Plowes = **Larryleachia meloformis**
- perlata* (Dinter) Plowes, illegitimate name = **Larryleachia perlata**
- picta* Plowes = **Larryleachia picta**
- similis* (N.E.Br.) Plowes, illegitimate name = **Larryleachia similis**
- sociarum* (A.C.White & B.Sloane) Plowes = **Larryleachia sociarum**
- tirasmontana* Plowes, illegitimate name = **Larryleachia tirasmontana**
- LOCHNERA** Rchb. 6597010
- rosea* (L.) Rchb. ex Endl. = **Catharanthus roseus**
- LUCKHOFFIA** A.C.White & B.Sloane 6885030
- beukmanii* (C.A.Lückh.) A.C.White & B.Sloane = **×Hoodiapelia beukmanii**
- MACROPETALUM** Burch. ex Decne. 6865000
- burchellii* Decne. var. *burchellii* = **Brachystelma burchellii** var. **burchellii**
- burchellii* Decne. var. *grandiflora* N.E.Br. = **Brachystelma burchellii** var. **burchellii**
- MAFEKINGIA** Baill. 6747090
- parquetiana* Baill. = **Raphionacme hirsuta**
- MARSDENIA** R.Br. 6911000
- (1) Brown. 1908. *FC* 4,1: 774, 775.
 (2) Huber. 1967. *FSWA* 114: 41, 42.
 (3) Forster. 1995. *Australian Systematic Botany* 8: 703–933.
- floribunda** (E.Mey.) N.E.Br.
Dregea floribunda E.Mey. (1)
 Perennial. Climber. Ht 1–10 m. Alt 50–700 m. EC
- macrantha** (Klotzsch) Schltr.
Dregea macrantha Klotzsch (2)
 Perennial. Climber. Ht 1–10 m. Alt 600–1500 m. N, B
- sylvestris** (Retz.) P.I.Forst.
Gymnema sylvestre (Retz.) Schult. (3)
 Perennial. Climber. Ht 1–10 m. Alt 500–1200 m. N, B, LIM, M, KZN
- METASTELMA** R.Br. 6798000
- costatum* (E.Mey.) D.Dietr. = **Parapodium costatum**
- MICROLOMA** R.Br. 6752000
- (1) Bruyns & Linder. 1991. *Botanische Jahrbücher* 112: 453–527.
- armatum** (Thunb.) Schltr. var. **armatum**
M. campanulatum Wanntorp (1)
M. dregei (E.Mey.) Wanntorp (1)
M. hystricoides Wanntorp (1)
M. massonii (Schult.) Schltr. (1)
M. spinosum N.E.Br. subsp. *dinteri* (Schltr.) Wanntorp (1)
M. spinosum N.E.Br. subsp. *spinosum* (1)
M. spinosum N.E.Br. subsp. *velutinum* Wanntorp (1)
 Perennial. Shrub, dwarf shrub. Ht 0.1–0.6 m. Alt 150–1800 m. N, FS, NC, WC, EC
- armatum** (Thunb.) Schltr. var. **burchellii** (N.E.Br.) Bruyns
M. burchellii N.E.Br. (1)
M. viridiflorum N.E.Br. (1)
 Perennial. Shrub, dwarf shrub. Ht 0.1–0.5 m. Alt 300–1200 m. N, NC, WC
- burchellii* N.E.Br. = **M. armatum** var. **burchellii**
- calycinum** E.Mey.
M. calycinum E.Mey. subsp. *flavescens* (E.Mey.) Wanntorp (1)
 Perennial. Dwarf shrub or climber. Ht 0.1–1 m. Alt 100–1300 m. N, NC
- calycinum* E.Mey. subsp. *flavescens* (E.Mey.) Wanntorp = **M. calycinum**
- campanulatum* Wanntorp = **M. armatum** var. **armatum**
- dregei* (E.Mey.) Wanntorp = **M. armatum** var. **armatum**

- gibbosum* N.E.Br. = **M. sagittatum**
glabratum E.Mey. subsp. *glabratum* = **M. sagittatum**
glabratum E.Mey. subsp. *subglabratum* Wanntorp = **M. sagittatum**
- hereroense** Wanntorp
 Perennial. Climber. Ht 0.3–1 m. Alt 1000–2300 m. N
hystricoides Wanntorp = **M. armatum** var. **armatum**
- incanum** Decne.
 Perennial. Shrub. Ht 0.4–1 m. Alt 400–1700 m. N, NC
- lanatum** Wanntorp (insufficiently known)
 Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt ± 100 m. N
- longitubum** Schltr.
 Perennial. Shrub to dwarf shrub. Ht 0.3–0.5 m. Alt 800–1500 m. N, NC
- massonii* (Schult.) Schltr. = **M. armatum** var. **armatum**
- namaquense** Bolus
 Perennial. Climber. Ht 0.3–1 m. Alt 750–1150 m. NC
- penicillatum** Schltr.
M. schäferi Dinter (1)
 Perennial. Shrub. Ht 0.3–1.5 m. Alt 300–800 m. N
- poicilanthum** H.Huber
 Perennial. Dwarf shrub to climber. Ht 0.1–1.5 m. Alt 850–1900 m. N, NC
- sagittatum** (L.) R.Br.
M. gibbosum N.E.Br. (1)
M. glabratum E.Mey. subsp. *glabratum* (1)
M. glabratum E.Mey. subsp. *subglabratum* Wanntorp (1)
M. sagittatum (L.) R.Br. subsp. *pillansii* Wanntorp (1)
 Perennial. Climber. Ht 0.2–1.5 m. Alt 10–1300 m. NC, WC, EC
- sagittatum* (L.) R.Br. subsp. *pillansii* Wanntorp = **M. sagittatum**
- schäferi* Dinter = **M. penicillatum**
- spinosum* N.E.Br. subsp. *dinteri* (Schltr.) Wanntorp = **M. armatum** var. **armatum**
- spinosum* N.E.Br. subsp. *spinosum* = **M. armatum** var. **armatum**
- spinosum* N.E.Br. subsp. *velutinum* Wanntorp = **M. armatum** var. **armatum**
- tenuifolium** (L.) K.Schum.
 Perennial. Climber. Ht 0.5–1.5 m. Alt 50–1100 m. WC
- viridiflorum* N.E.Br. = **M. armatum** var. **burchellii**
- MIRAGLOSSUM** Kupicha 6778020
 (1) Kupicha. 1984. *Kew Bulletin* 38: 625–633.
- anomalum** (N.E.Br.) Kupicha
Schizoglossum anomalum N.E.Br. (1)
 Perennial. Geophytic herb. Ht 200–350 mm. Alt 450–1560 m. KZN, EC
- davyi** (N.E.Br.) Kupicha
Schizoglossum davyi N.E.Br. (1)
 Perennial. Geophytic herb. Ht 300–600 mm. Alt 1700–2076 m. M
- laeve** Kupicha
 Perennial. Geophytic herb. Ht 170–520 mm. Alt ± 1500 m. NW, G
- pilosum** (Schltr.) Kupicha
Schizoglossum pilosum Schltr. (1)
 Perennial. Geophytic herb. Ht 100–400 mm. Alt 900–1770 m. KZN, EC
- pulchellum** (Schltr.) Kupicha
Schizoglossum pulchellum Schltr. (1)
 Perennial. Geophytic herb. Ht 200–600 mm. Alt 600–2380 m. LIM, NW, G, M, S, FS, KZN, L, EC
- superbum** Kupicha
 Perennial. Geophytic herb. Ht 250–500 mm. Alt 1500–2100 m. KZN
- verticillare** (Schltr.) Kupicha
Schizoglossum verticillare Schltr. (1)
 Perennial. Geophytic herb. Ht 100–350 mm. Alt 900–1800 m. KZN, EC
- MONDIA** Skeels 6729000
 (1) Bullock. 1961. *Kew Bulletin* 15: 193–206.
- whitei** (Hook.f.) Skeels
Chlorocodon whitei Hook.f. (1)
 Perennial. Climber. Ht up to 12 m. Alt 20–1400 m. LIM, S, KZN
- *NERIUM** L. 6687000
 (1) Markgraf. 1972. *Flora europaea* 3: 68.
 (2) Pagen. 1987. *Agricultural University Wageningen Papers* 87-2: 1–113.
 (3) Henderson. 2001. *Alien weeds and invasive plants*: 159.
- indicum* Mill. = **N. oleander**
- oleander** L.
N. indicum Mill. (2)
 Perennial. Shrub. Ht 1–4 m. Alt 350–1900 m. M, KZN, WC, EC
- NOTECHIDNOPSIS** Lavranos & Bleck 6877010
 (1) Bruyns. 1999. *Kew Bulletin* 54: 327–345.
- columnaris** (Nel) Lavranos & Bleck
Echidnopsis columnaris (Nel) R.A.Dyer & D.S.Hardy (1)
Trichocaulon columnare Nel (1)
 Perennial. Succulent. Ht 0.08–0.6 m. Alt 500–800 m. NC
- tessellata** (Pillans) Lavranos & Bleck
Caralluma serpentina Nel (1)
Caralluma tessellata Pillans (1)
Echidnopsis serpentina (Nel) A.C.White & B.Sloane (1)
 Perennial. Succulent. Ht 0.03–0.15 m. Alt 300–700 m. NC, WC
- ONCINEMA** Arn. 6842000
 (1) Bullock. 1963. *Kew Bulletin* 17: 183–196.
- lineare** (L.f.) Bullock
Glossostephanus linearis (L.f.) E.Mey. (1)
 Perennial. Climber. Ht 1–10 m. Alt 50–1200 m. WC, EC
- ONCINOTIS** Benth. 6686000
 (1) Codd. 1963. *FSA* 26: 288, 289.
 (2) Kupicha. 1985. *FZ* 7,2: 492–495.
- inandensis* J.M.Wood & M.S.Evans = **O. tenuiloba**
- tenuiloba** Stapf
O. inandensis J.M.Wood & M.S.Evans (2)
 Perennial. Shrub, climber. Ht up to 30 m. Alt 50–850 m. S, KZN, EC
- OPHIONELLA** Bruyns 6889020
 (1) Bruyns. 1999. *Botanical Journal of the Linnean Society* 131: 383–398.

arcuata (N.E.Br.) Bruyns subsp. **arcuata***Pectinaria arcuata* N.E.Br. (1)

Perennial. Creeping succulent. Ht 5–20 mm. Alt 400–750 m. EC

arcuata (N.E.Br.) Bruyns subsp. **mirkinii** (Pillans) Bruyns*O. arcuata* (N.E.Br.) Bruyns var. *mirkinii* (Pillans) Bruyns (1)*Pectinaria mirkinii* Pillans (1)

Perennial. Creeping succulent. Ht 5–20 mm. Alt 400–750 m. EC

arcuata (N.E.Br.) Bruyns var. *mirkinii* (Pillans) Bruyns = **O. arcuata** subsp. **mirkinii****willowmorensis** Bruyns

Perennial. Creeping succulent. Ht 5–20 mm. Alt 1000–1300 m. EC

ORBEA Haw.

6885050

(1) Leach. 1978. *Excelsa Taxonomic Series* 1: 1–74.(2) Bruyns. 2002. *Systematic Botany Monographs*: 63: 1–190.**albocastanea** (Marloth) Bruyns*Caralluma albocastanea* (Marloth) L.C.Leach (2)*Orbeopsis albocastanea* (Marloth) L.C.Leach (2)*Stapelia albocastanea* Marloth (2)

Perennial. Succulent. Ht 20–80 mm. Alt 1200–1700 m. N

carnosa (Stent) Bruyns subsp. **carnosa***Caralluma carnosa* Stent (2)*Pachycymbium carnosum* (Stent) L.C.Leach (2)

Perennial. Succulent. Ht 40–150 mm. Alt 1000–1400 m. LIM, NW

carnosa (Stent) Bruyns subsp. **keithii** (R.A.Dyer) Bruyns*Caralluma fosteri* Pillans (2)*Caralluma keithii* R.A.Dyer (2)*Caralluma schweickerdtii* Oberm. (2)*Pachycymbium keithii* (R.A.Dyer) L.C.Leach (2)*Pachycymbium lancasteri* Lavranos (2)

Perennial. Succulent. Ht 40–150 mm. Alt 300–1200 m. B, LIM, M, S, KZN

caudata (N.E.Br.) Bruyns subsp. **rhodesiaca** (L.C.Leach) Bruyns*Caralluma caudata* N.E.Br. subsp. *rhodesiaca* L.C.Leach (2)*Caralluma caudata* N.E.Br. var. *milleri* Nel (2)

Perennial. Succulent. Ht 40–150 mm. Alt 800–1200 m. N, B

ciliata (Thunb.) L.C.Leach*Diplocyatha ciliata* (Thunb.) N.E.Br. (2)*Stapelia ciliata* Thunb. (2)

Perennial. Succulent. Ht 40–120 mm. Alt 600–1200 m. NC, WC

conjuncta (A.C.White & B.Sloane) Bruyns*Orbeanthus conjunctus* (A.C.White & B.Sloane) L.C.Leach (2)*Stultitia conjuncta* A.C.White & B.Sloane (2)

Perennial. Creeping succulent. Length 50–200 mm. Alt 900–1600 m. LIM

cooperi (N.E.Br.) L.C.Leach*Stapelia cooperi* N.E.Br. (2)*Stapeliopsis cooperi* (N.E.Br.) E.Phillips, illegitimate name (2)*Stultitia cooperi* (N.E.Br.) E.Phillips (2)

Perennial. Succulent. Ht 20–60 mm. Alt 900–1500 m. NW, FS, NC

gerstneri (Letty) Bruyns subsp. **elongata** (R.A.Dyer) Bruyns*Caralluma gerstneri* Letty subsp. *elongata* R.A.Dyer (2)*Orbeopsis gerstneri* (Letty) L.C.Leach subsp. *elongata* (R.A.Dyer) L.C.Leach (2)

Perennial. Succulent. Ht 30–100 mm. Alt 900–1600 m. LIM, M

gerstneri (Letty) Bruyns subsp. **gerstneri***Caralluma gerstneri* Letty (2)*Orbeopsis gerstneri* (Letty) L.C.Leach subsp. *gerstneri* (2)

Perennial. Succulent. Ht 30–70 mm. Alt 250–700 m. S, KZN

hardyi (R.A.Dyer) Bruyns*Orbeanthus hardyi* (R.A.Dyer) L.C.Leach (2)*Stultitia hardyi* R.A.Dyer (2)

Perennial. Creeping succulent. Length 30–300 mm. Alt 900–1500 m. LIM, M

huillensis (Hiern) Bruyns subsp. **flava** Bruyns

Perennial. Succulent. Ht 40–120 mm. Alt ± 1200 m. N

huillensis (Hiern) Bruyns subsp. **huillensis***Caralluma tsumebensis* Oberm. (2)*Orbeopsis tsumebensis* (Oberm.) L.C.Leach (2)

Perennial. Succulent. Ht 0.04–0.5 m. Alt 900–1300 m. N, B

irrorata (Masson) L.C.Leach = **O. verrucosa****knobelii** (E.Phillips) Bruyns*Caralluma knobelii* (E.Phillips) E.Phillips (2)*Caralluma langii* A.C.White & B.Sloane (2)*Caralluma kalaharica* Nel in A.C.White & B.Sloane (2)*Orbeopsis knobelii* (E.Phillips) L.C.Leach (2)*Stapelia knobelii* E.Phillips (2)

Perennial. Succulent. Ht 30–100 mm. Alt 900–1100 m. B, NW, NC

longidens (N.E.Br.) L.C.Leach*Stapelia longidens* N.E.Br. (2)

Perennial. Succulent. Ht 50–120 mm. Alt 10–100 m. KZN

lugardii (N.E.Br.) Bruyns*Angolluma lugardii* (N.E.Br.) Plowes (2)*Caralluma longicuspis* N.E.Br. (2)*Caralluma lugardii* N.E.Br. (2)*Pachycymbium lugardii* (N.E.Br.) M.G.Gilbert (2)

Perennial. Succulent. Ht 0.04–0.15 m. Alt 600–1700 m. N, B, LIM, NW, NC

lutea (N.E.Br.) Bruyns subsp. **lutea***Caralluma lateritia* N.E.Br. (2)*Caralluma lutea* N.E.Br. (2)*Caralluma lutea* N.E.Br. var. *lateritia* (N.E.Br.) Nel (2)*Caralluma vansonii* Bremek. & Oberm. (2)*Orbeopsis lutea* (N.E.Br.) L.C.Leach subsp. *lutea* (2)

Perennial. Succulent. Ht 30–120 mm. Alt 500–1500 m. B, LIM, NW, G, FS

lutea (N.E.Br.) Bruyns subsp. **vaga** (N.E.Br.) Bruyns*Caralluma lutea* N.E.Br. subsp. *vaga* (N.E.Br.) L.C.Leach (2)*Caralluma nebrownii* A.Berger (2)*Caralluma nebrownii* A.Berger var. *discolor* Nel (2)*Caralluma nebrownii* A.Berger var. *pseudonebrownii* (Dinter) A.C.White & B.Sloane (2)*Caralluma pseudonebrownii* Dinter (2)*Caralluma vaga* (N.E.Br.) A.C.White & B.Sloane (2)*Orbeopsis lutea* (N.E.Br.) L.C.Leach subsp. *vaga* (N.E.Br.) L.C.Leach (2)*Stapelia vaga* N.E.Br. (2)

Perennial. Succulent. Ht 30–120 mm. Alt 800–1700 m. N, NC

macloughlinii (I.Verd.) L.C.Leach*O. speciosa* L.C. Leach (2)*Stapelia macloughlinii* I.Verd. (2)

Perennial. Succulent. Ht 40–100 mm. Alt 500–700 m. KZN, EC

maculata (N.E.Br.) L.C.Leach subsp. **kaokoensis** Bruyns

- Perennial. Succulent. Ht 40–100 mm. Alt 1200–1800 m. N
- maculata** (N.E.Br.) L.C.Leach subsp. **maculata**
Caralluma grandidens I.Verd. (2)
Caralluma maculata N.E.Br. (2)
Perennial. Succulent. Ht 40–100 mm. Alt 300–1200 m. B, LIM, M, KZN
- maculata** (N.E.Br.) L.C.Leach subsp. **rangeana** (Dinter & A.Berger) Bruyns
Caralluma maculata N.E.Br. var. *brevidens* H.Huber (2)
Caralluma rangeana Dinter & A.Berger (2)
O. rangeana (Dinter & A.Berger) L.C.Leach (2)
Piaranthus streyianus Nel (2)
Perennial. Succulent. Ht 20–80 mm. Alt 350–2400 m. N
- melanantha** (Schltr) Bruyns
Caralluma leendertziae N.E.Br. (2)
Caralluma melanantha (Schltr) N.E.Br. (2)
Caralluma rubiginosa Werderm. (2)
Orbeopsis melanantha (Schltr.) L.C.Leach (2)
Stapelia furcata N.E.Br. (2)
Stapelia melanantha Schltr. (2)
Perennial. Succulent. Ht 30–100 mm. Alt 1000–1700 m. LIM, G, M
- miscella** (N.E.Br.) Meve
Angolluma miscella (N.E.Br.) Plowes (2)
Caralluma bredae R.A.Dyer var. *bredae* (2)
Caralluma bredae R.A.Dyer var. *thomallae* R.A.Dyer (2)
Pachycymbium miscellum (N.E.Br.) M.G.Gilbert (2)
Stapelia miscella N.E.Br. (2)
Stultitia miscella (N.E.Br.) C.A.Lückh. (2)
Perennial. Dwarf succulent. Ht 10–70 mm. Alt 500–1500 m. NC, WC, EC
- namaquensis** (N.E.Br.) L.C.Leach
Stapelia namaquensis N.E.Br. (2)
Stapelia tridentata (N.E.Br.) Rüst (2)
Perennial. Succulent. Ht 30–100 mm. Alt 200–1500 m. NC
- namaquensis** (N.E.Br.) L.C.Leach × **Stapelia hirsuta** L.
Stapelia barklyi N.E.Br. (2)
Perennial. Succulent. Ht? Alt? NC
- paradoxa** (I.Verd.) L.C.Leach
Stultitia paradoxa I.Verd. (2)
Perennial. Succulent. Ht 30–60 mm. Alt 20–300 m. M, S, KZN
- pulchella** (Masson) L.C.Leach
Stapelia pulchella Masson (2)
Perennial. Succulent. Ht 25–100 mm. Alt 20–400 m. EC
- rangeana** (Dinter & A.Berger) L.C.Leach = **O. maculata** subsp. **rangeana**
- rogersii** (L.Bolus) Bruyns
Angolluma rogersii (L.Bolus) Plowes (2)
Caralluma rogersii (L.Bolus) E.A.Bruce & R.A.Dyer (2)
Pachycymbium rogersii (L.Bolus) M.G.Gilbert (2)
Stapelia rogersii L.Bolus (2)
Perennial. Succulent. Ht 30–100 mm. Alt 500–1200 m. B, LIM, M, KZN
- schweinfurthii** (A.Berger) Bruyns
Angolluma schweinfurthii (A.Berger) Plowes (2)
Caralluma schweinfurthii A.Berger (2)
Pachycymbium schweinfurthii (A.Berger) M.G.Gilbert (2)
Perennial. Creeping succulent. Ht 20–40 mm. Alt 900–1100 m. N, B
- speciosa** L.C.Leach = **O. macloughlinii**
- tapscottii** (I.Verd.) L.C.Leach
Stapelia tapscottii I.Verd. (2)
Stultitia tapscottii (I.Verd.) E.Phillips (2)
Perennial. Succulent. Ht 50–120 mm. Alt 1000–1500 m. B, LIM, NW, G, M
- ubomboensis** (I.Verd.) Bruyns
Angolluma ubomboensis (I.Verd.) Plowes (2)
Caralluma ubomboensis I.Verd. (2)
Pachycymbium ubomboense (I.Verd.) M.G.Gilbert (2)
Perennial. Dwarf succulent. Ht 15–80 mm. Alt 300–1400 m. LIM, S, KZN
- valida** (N.E.Br.) Bruyns subsp. **valida**
Caralluma valida N.E.Br. (2)
Orbeopsis valida (N.E.Br.) L.C.Leach (2)
Perennial. Succulent. Ht 40–200 mm. Alt 900–1200 m. N, B
- valida** (N.E.Br.) Bruyns subsp. **occidentalis** Bruyns
Perennial. Succulent. Ht 40–150 mm. Alt 1000–1500 m. N, B
- variegata** (L.) Haw.
Stapelia lepida Jacq. (2)
Stapelia variegata L. (2)
Perennial. Succulent. Ht 25–100 mm. Alt 5–1000 m. WC, EC
- verrucosa** (Masson) L.C.Leach
O. irrorata (Masson) L.C.Leach (2)
O. verrucosa (Masson) L.C.Leach var. *fucosa* (N.E.Br.) L.C.Leach (2)
O. verrucosa (Masson) L.C.Leach var. *verrucosa* (2)
Stapelia fucosa N.E.Br. (2)
Stapelia irrorata Masson (2)
Stapelia pulchra Schult. (2)
Stapelia verrucosa Masson (2)
Perennial. Succulent. Ht 25–100 mm. Alt 20–1700 m. WC, EC
- verrucosa** (Masson) L.C.Leach var. *fucosa* (N.E.Br.) L.C.Leach = **O. verrucosa**
- verrucosa** (Masson) L.C.Leach var. *verrucosa* = **O. verrucosa**
- woodii** (N.E.Br.) L.C.Leach
Stapelia woodii N.E.Br. (2)
Stapelia woodii N.E.Br. var. *westii* R.A.Dyer (2)
Perennial. Succulent. Ht 40–60 mm. Alt 800–1200 m. KZN
- ORBEANTHUS** L.C.Leach 6885060
conjunctus (A.C.White & B.Sloane) L.C.Leach = **Orbea conjuncta**
hardyi (R.A.Dyer) L.C.Leach = **Orbea hardyi**
- ORBEOPSIS** L.C.Leach 6885070
albocastanea (Marloth) L.C.Leach = **Orbea albocastanea**
gerstneri (Letty) L.C.Leach subsp. *elongata* (R.A.Dyer) L.C.Leach = **Orbea gerstneri** subsp. *elongata*
gerstneri (Letty) L.C.Leach subsp. *gerstneri* = **Orbea gerstneri** subsp. *gerstneri*
knobelii (E.Phillips) L.C.Leach = **Orbea knobelii**
lutea (N.E.Br.) L.C.Leach subsp. *lutea* = **Orbea lutea** subsp. *lutea*
lutea (N.E.Br.) L.C.Leach subsp. *vaga* (N.E.Br.) L.C.Leach = **Orbea lutea** subsp. *vaga*
melanantha (Schltr.) L.C.Leach = **Orbea melanantha**
tsumebensis (Oberm.) L.C.Leach = **Orbea huillensis** subsp. *huillensis*

valida (N.E.Br.) L.C.Leach = **Orbea valida** subsp. **valida**

ORTHANTHERA Wight 6862000

(1) Huber. 1967. *FSWA* 114: 46, 47.

albida Schinz

Perennial. Shrub. Ht 0.3–1 m. Alt 300–800 m. N

browniana Schinz = **O. jasminiflora**

jasminiflora (Decne.) Schinz

Barrowia jasminiflora Decne. (1)

O. browniana Schinz (1)

Perennial. Creeper. Length up to 3 m. Alt 800–1500 m. N, B

PACHYCARPUS E.Mey. 6787010

(1) Brown. 1909. *FC* 4,1: 315–418.

(2) Phillips. 1926. *The Flowering Plants of South Africa* 6: tt. 210, 219.

(3) Dyer. 1951. *The Flowering Plants of Africa* 28: t. 1093.

(4) Smith. 1980. *Taxonomic studies in Pachycarpus (Asclepiadaceae) in southern Africa*. M.Sc. thesis. University of Natal, Pietermaritzburg.

(5) Smith. 1988. *South African Journal of Botany* 54: 399–439.

(6) Nicholas & Goyder. 1990. *Bothalia* 20: 87–90.

(7) Goyder. 1998. *Kew Bulletin* 53,2: 335–374.

(8) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville, Durban.

albens E.Mey. = **Asclepias albens**

appendiculatus E.Mey.

Asclepias appendiculata (E.Mey.) Schltr. (5)

Gomphocarpus appendiculatus (E.Mey.) Decne. (5)

Gomphocarpus macroglossus Turcz. (5)

Xysmalobium appendiculatum (E.Mey.) D.Dietr. (5)

Perennial. Geophytic herb. Ht 0.25–0.5 m. Alt 140–1000 m. M, S, KZN, EC

asperifolius Meisn.

Asclepias valida (Schltr.) Schltr. (5)

Gomphocarpus asperifolius (Meisn.) Walp. (5)

Gomphocarpus validus Schltr. (5)

P. inconstans N.E.Br. (5)

P. validus (Schltr.) N.E.Br. (5)

Perennial. Geophytic herb. Ht 0.3–1.1 m. Alt 60–1700 m. LIM, G, M, S, KZN, EC

campanulatus (Harv.) N.E.Br. var. **campanulatus**

Gomphocarpus campanulatus Harv. (5)

Perennial. Geophytic herb. Ht 150–800 mm. Alt 1000–2075 m. KZN, EC

campanulatus (Harv.) N.E.Br. var. **sutherlandii** N.E.Br.

Asclepias gerrardii (Harv.) Schltr. (5)

Gomphocarpus gerrardii Harv. (5)

P. gerrardii (Harv.) N.E.Br. (5)

Schizoglossum gerrardii (Harv.) Benth. & Hook.f. (5)

Perennial. Geophytic herb. Ht 150–800 mm. Alt 1100–2100 m. LIM, G, M, S, FS, KZN, EC

concolor E.Mey.

Asclepias concolor (E.Mey.) Schltr. (5)

Asclepias geminiflora (Schltr.) Schltr. (5)

Gomphocarpus concolor (E.Mey.) Decne. (5)

Gomphocarpus geminiflorus Schltr. (5)

Xysmalobium concolor (E.Mey.) D.Dietr. (5)

Perennial. Geophytic herb. Ht 0.2–0.7(–1) m. Alt 10–1700 m. B, LIM, NW, G, M, S, KZN, EC

coronarius E.Mey.

Gomphocarpus coronarius (E.Mey.) Decne. (5)

Xysmalobium coronarium (E.Mey.) D.Dietr. (5)

Perennial. Geophytic herb. Ht 0.5–0.7 m. Alt 100–500 m. KZN, EC

crispus (P.J.Bergius) E.Mey. = **Asclepias crispa** var. **crispa**

dealbatus E.Mey.

Asclepias alatus Schltr. (5)

Asclepias dealbata (E.Mey.) Schltr. (5)

Gomphocarpus alatus Schltr. (5)

Gomphocarpus dealbatus (E.Mey.) Decne. (5)

P. ligulatus E.Mey. (5)

Xysmalobium dealbatum (E.Mey.) D.Dietr. (5)

Xysmalobium ligulatum D.Dietr. (5)

Perennial. Geophytic herb. Ht 0.15–0.6 m. Alt 250–1600 m. KZN, WC, EC

decorus N.E.Br.

Perennial. Geophytic herb. Ht 0.2–0.5 m. Alt 450–1800 m. M, S, KZN

galpinii (Schltr.) N.E.Br.

Asclepias galpinii (Schltr.) Schltr. (5)

Gomphocarpus galpinii Schltr. (5)

Perennial. Geophytic herb. Ht 0.2–0.3 m. Alt 1220–1800 m. M, S

gerrardii (Harv.) N.E.Br. = **P. campanulatus** var. **sutherlandii**

gomphocarpoides E.Mey. = **Xysmalobium gomphocarpoides** var. **gomphocarpoides**

grandiflorus (L.f.) E.Mey. subsp. **grandiflorus**

Asclepias grandiflora L.f. (1)

Asclepias grandiflora L.f. var. *chrysantha* Schltr. (5)

Gomphocarpus grandiflorus (L.f.) Decne. (5)

P. grandiflorus (L.f.) E.Mey. var. *chrysanthus* N.E.Br. (5)

P. grandiflorus (L.f.) E.Mey. var. *elatocarيناتus* N.E.Br. (5)

Xysmalobium grandiflorum (L.f.) R.Br. (5)

Perennial. Geophytic herb. Ht 0.2–0.5 m. Alt 30–1800 m. M, KZN, EC

grandiflorus (L.f.) E.Mey. subsp. **tomentosus** (Schltr.) Goyder

Gomphocarpus grandiflorus (L.f.) Decne var. *tomentosus* Schltr. (5)

P. grandiflorus (L.f.) E.Mey. var. *tomentosus* (Schltr.) N.E.Br. (7)

Perennial. Geophytic herb. Ht 0.2–0.5 m. Alt? M, KZN

grandiflorus (L.f.) E.Mey. var. *chrysanthus* N.E.Br. = **P. grandiflorus** subsp. **grandiflorus**

grandiflorus (L.f.) E.Mey. var. *elatocarيناتus* N.E.Br. = **P. grandiflorus** subsp. **grandiflorus**

grandiflorus (L.f.) E.Mey. var. *tomentosus* (Schltr.) N.E.Br. = **P. grandiflorus** subsp. **tomentosus**

humilis E.Mey. = **Asclepias humilis**

inconstans N.E.Br. = **P. asperifolius**

insignis (Schltr.) N.E.Br. = **P. transvaalensis**

lebomboensis D.M.N.Sm.

Perennial. Geophytic herb. Ht 0.2–0.5 m. Alt? KZN

ligulatus E.Mey. = **Pachycarpus dealbatus**

linearis (E.Mey.) N.E.Br.

Asclepias linearis (E.Mey.) Schltr. (5)

Gomphocarpus linearis (E.Mey.) D.Dietr. (5)

Lagarinthus linearis E.Mey. (1)

Perennial. Geophytic herb. Ht 280–650 mm. Alt (100–) 750–900 m. KZN, EC

lineolatus (Decne.) Bullock

Asclepias lineolata (Decne.) Schltr. (7)

Asclepias schweinfurthii N.E.Br. (7)

Gomphocarpus lineolatus Decne. (7)

P. schweinfurthii (N.E.Br.) Bullock (7)

Perennial. Geophytic herb. Ht 0.4–1.5 m. Alt 700–2500 m. N

mackenii (Harv.) N.E.Br.

Asclepias mackenii (Harv.) Schltr. (5)

Gomphocarpus mackenii Harv. (5)

- Perennial. Geophytic herb. Ht 0.3–0.4 m. Alt? KZN
- macrochilus** (Schltr.) N.E.Br.
Asclepias macrochila Schltr. (5)
Perennial. Geophytic herb. Ht 0.15–0.3 m. Alt 1700–2600 m. G, M, FS, KZN, L, EC
- marginatus** E.Mey. = **Woodia mucronata natalensis** N.E.Br.
Perennial. Geophytic herb. Ht 0.3–0.52 m. Alt 760–1150 m. KZN, EC
- orbicularis** E.Mey. = **Xysmalobium orbiculare plicatus** N.E.Br.
Perennial. Geophytic herb. Ht 0.2–0.4 m. Alt 760–1100(–2200) m. KZN, EC
- reflectens** E.Mey.
Asclepias reflectens (E.Mey.) Schltr. (5)
Gomphocarpus reflectens (E.Mey.) Decne. (5)
Xysmalobium reflectens (E.Mey.) D.Dietr. (5)
Perennial. Geophytic herb. Ht 0.3–0.55 m. Alt 200–1400 m. EC
- rigidus** E.Mey.
Asclepias rigidus (E.Mey.) Schltr. (5)
Gomphocarpus rigidus (E.Mey.) Decne. (5)
Gomphocarpus rigidus (E.Mey.) Decne. var. *tridens* (E.Mey.) Decne. (5)
P. rigidus E.Mey. var. *tridens* E.Mey. (5)
Xysmalobium rigidum (E.Mey.) D.Dietr. (5)
Perennial. Geophytic herb. Ht 0.2–0.5 m. Alt 600–2000 m. G, M, S, FS, KZN, L, EC
- rigidus** E.Mey. var. *tridens* E.Mey. = **P. rigidus rostratus** N.E.Br.
Perennial. Geophytic herb. Ht ± 200 mm. Alt? KZN
- scaber** (Harv.) N.E.Br.
Asclepias scabra (Harv.) Schltr. (5)
Gomphocarpus scaber Harv. (5)
Perennial. Geophytic herb. Ht 0.3–0.75 m. Alt 750–1850 m. M, S, KZN, EC
- schinzianus** (Schltr.) N.E.Br.
Asclepias schinzianus (Schltr.) Schltr. (5)
Gomphocarpus schinzianus Schltr. (5)
Perennial. Geophytic herb. Ht 0.2–0.4 m. Alt 1220–1525 m. LIM, NW, G, M, FS, KZN
- schweinfurthii** (N.E.Br.) Bullock = **P. lineolatus stelliceps** N.E.Br.
Perennial. Geophytic herb. Ht 200–300 mm. Alt ± 1500 m. S
- stenoglossus** (E.Mey.) N.E.Br.
P. vexillaris E.Mey. var. *stenoglossus* E.Mey. (5)
Perennial. Geophytic herb. Ht 0.15–0.2 m. Alt 1830–2100 m. EC
- suaveolens** (Schltr.) Nicholas & Goyder
Asclepias macra Schltr. (6)
Asclepias suaveolens Schltr. (6)
Gomphocarpus suaveolens Schltr. (6)
Perennial. Geophytic herb. Ht 0.2–0.3 m. Alt 1400–2000 m. M, S
- transvaalensis** (Schltr.) N.E.Br.
Asclepias insignis (Schltr.) Schltr. (5)
Asclepias transvaalensis (Schltr.) Schltr. (5)
Gomphocarpus insignis Schltr. (5)
Gomphocarpus transvaalensis Schltr. (5)
P. insignis (Schltr.) N.E.Br. (5)
Perennial. Geophytic herb. Ht 0.2–0.7 m. Alt 762–1570 m. LIM, M, S, KZN
- validus** (Schltr.) N.E.Br. = **P. asperifolius**

- vexillaris** E.Mey.
Asclepias vexillare (E.Mey.) Schltr. (5)
Xysmalobium vexillare (E.Mey.) D.Dietr. (5)
Perennial. Geophytic herb. Ht 0.2–0.4 m. Alt 1200–2600 m. L, WC, EC
- vexillaris** E.Mey. var. *stenoglossus* E.Mey. = **P. stenoglossus viridiflorus** E.Mey. = **Asclepias dregeana** var. *dregeana*
- PACHYCYMBIUM** L.C.Leach 6885080
carnosum (Stent) L.C.Leach = **Orbea carnososa** subsp. *carnososa*
keithii (R.A.Dyer) L.C.Leach = **Orbea carnososa** subsp. *keithii*
lancasteri Lavranos = **Orbea carnososa** subsp. *keithii*
lugardii (N.E.Br.) M.G.Gilbert = **Orbea lugardii**
miscellum (N.E.Br.) M.G.Gilbert = **Orbea miscella**
rogersii (L.Bolus) M.G.Gilbert = **Orbea rogersii**
schweinfurthii (A.Berger) M.G.Gilbert = **Orbea schweinfurthii**
ubomboense (I.Verd.) M.G.Gilbert = **Orbea ubomboensis**

PACHYPODIUM Lindl. 6681000

- (1) Codd. 1963. *FSA* 26: 288, 289.
(2) Kupicha. 1985. *FZ* 7,2: 462–464.

bispinosum (L.f.) A.DC.

- Perennial. Dwarf shrub, succulent. Ht 0.1–0.4 m. Alt 15–685 m. EC

lealii Welw.

- Perennial. Tree, shrub, succulent. Ht 2–6 m. Alt 780–1400 m. N

namaquanum (Wyley ex Harv.) Welw.

- Perennial. Succulent. Ht 1–3 m. Alt 244–1060 m. N, NC

saundersii N.E.Br.

- Perennial. Shrub, succulent. Ht 0.3–1.5 m. Alt 75–1200 m. LIM, M, S, KZN

succulentum (L.f.) Sweet

- Perennial. Shrub, succulent. Ht 0.1–1.5 m. Alt 288–1500 m. FS, NC, WC, EC

PARAPODIUM E.Mey. 6762000

- (1) Brown. 1909. *FC* 4: 315–418.
(2) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 410.
(3) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville, Durban.

costatum E.Mey.

- Metastelma costatum* (E.Mey.) D.Dietr. (1)
Rhombonema luridum Schltr. (1)
Perennial. Geophytic herb. Ht 75–280 mm. Alt 1050–1555 m. B, NW, G, M, FS, KZN, L, EC

crispum N.E.Br.

- Perennial. Geophytic herb. Ht 150–200 mm. Alt 500–1800 m. EC

simile N.E.Br.

- Perennial. Geophytic herb. Ht 150–250 mm. Alt ± 1200 m. G, FS, KZN

PECTINARIA Haw. 6889000

- (1) Bruyns. 1981. *Cactus and Succulent Journal of Great Britain* 43: 61–83.

arcuata N.E.Br. = **Ophionella arcuata** subsp. **arcuata**

articulata (Aiton) Haw. subsp. **articulata**

Stapelia articulata Aiton (1)

Perennial. Succulent. Ht 20–40 mm. Alt 1000–1600 m. NC

articulata (Aiton) Haw. subsp. **asperiflora** (N.E.Br.) Bruyns

P. asperiflora N.E.Br. (1)

Perennial. Succulent. Ht 20–40 mm. Alt 800–1400 m. NC, WC

articulata (Aiton) Haw. subsp. **borealis** Bruyns

Perennial. Succulent. Ht 20–40 mm. Alt 600–1300 m. NC

articulata (Aiton) Haw. subsp. **namaquensis** (N.E.Br.) Bruyns

P. articulata (Aiton) Haw. var. *namaquensis* N.E.Br. (1)

Perennial. Succulent. Ht 20–40 mm. Alt 900–1200 m. NC

articulata (Aiton) Haw. var. *namaquensis* N.E.Br. = **P. articulata** subsp. **namaquensis**

asperiflora N.E.Br. = **P. articulata** subsp. **asperiflora**

breviloba R.A.Dyer = **Stapeliopsis breviloba**

exasperata Bruyns = **Stapeliopsis exasperata**

longipes (N.E.Br.) Bruyns subsp. **longipes**

Caralluma longipes N.E.Br. (1)

Perennial. Succulent. Ht 15–100 mm. Alt 1000–1450 m. NC, WC

longipes (N.E.Br.) Bruyns subsp. **villetii** (C.A.Lückh.) Bruyns

Caralluma longipes N.E.Br. var. *villetii* C.A.Lückh. (1)

Perennial. Succulent. Ht 15–100 mm. Alt 800–950 m. NC

maughanii (R.A.Dyer) Bruyns

Caralluma maughani R.A.Dyer (1)

Perennial. Succulent. Ht 15–100 mm. Alt 600–1000 m. NC

mirkinii Pillans = **Ophionella arcuata** subsp. **mirkinii**

pillansii N.E.Br. = **Stapeliopsis pillansii**

saxatilis N.E.Br. = **Stapeliopsis saxatilis**

stayneri M.B.Bayer = **Stapeliopsis stayneri**

tulipiflora C.A.Lückh. = **Stapeliopsis saxatilis**

PENTARRHINUM E.Mey. 6810000

(1) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 423.

(2) Merxmüller. 1967. *FSWA* 114: 47, 48.

(3) Liede & Nicholas. 1992. *Kew Bulletin* 47: 475–490.

(4) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville, Durban.

abyssinicum Decne. subsp. **abyssinicum**

Perennial. Climber. Ht 0.2–0.25 m. Alt 380–1000 m. N, M, S

abyssinicum Decne. subsp. **angolense** (N.E.Br.) Liede & Nicholas

P. abyssinicum Decne. var. *angolense* N.E.Br. (3)

P. insipidum in sense of Bullock, misapplied name (3)

Perennial. Climber. Ht 0.2–0.25 m. Alt ± 1000 m. N

abyssinicum Decne. var. *angolense* N.E.Br. = **P. abyssinicum** subsp. **angolense**

insipidum E.Mey.

Perennial. Climber. Ht 0.2–0.3 m. Alt (5–)600–1700 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

insipidum in sense of Bullock, misapplied name = **P. abyssinicum** subsp. **angolense**

PENTATROPIS R.Br. 6853000

(1) Bullock. 1955. *Kew Bulletin* 10: 265–292.

(2) Bruyns. 1997. *South African Journal of Botany* 63: 241.

capensis (L.f.) Bullock (insufficiently known)

Asclepias microphylla Roth (2)

Asclepias microphylla Roxb., naked name (2)

Cynanchum acuminatum Thunb. (2)

Cynanchum capense L.f. (2)

Cynoctonum capense (L.f.) E.Mey. (2)

P. microphylla (Roth) Wall. (2)

Vincetoxicum capense (L.f.) Kuntze (2)

microphylla (Roth) Wall. = **P. capensis**

PENTOPETIA Decne. 6744000

natalensis Schltr. = **Ischnolepis natalensis**

PERGULARIA L. 6917000

(1) Dyer. 1951. *The Flowering Plants of Africa* 28: t. 1119.

(2) Huber. 1967. *FSWA* 114: 48, 49.

daemia (Forssk.) Chiov. var. **daemia**

Asclepias daemia Forssk. (1)

Daemia extensa R.Br. (2)

P. daemia (Forssk.) Chiov. var. *macrantha* Chiov. (1)

P. extensa N.E.Br. (2)

Perennial. Climber. Ht 1–6 m. Alt up to 1200 m. N, B

daemia (Forssk.) Chiov. var. **leiocarpa** (K.Schum.) H.Huber

P. garipensis (E.Mey.) N.E.Br. (1)

Perennial. Climber. Ht 1–6 m. Alt ?–1200 m. N, NC

daemia (Forssk.) Chiov. var. *macrantha* Chiov. = **P. daemia** var. **daemia**

extensa N.E.Br. = **P. daemia** var. **daemia**

garipensis (E.Mey.) N.E.Br. = **P. daemia** var. **leiocarpa**

PERIGLOSSUM Decne. 6783010

(1) Brown. 1909. *FC* 4: 315–418.

(2) Dyer. 1942. *The Flowering Plants of South Africa* 22: t. 844.

(3) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville, Durban.

angustifolium Decne.

Cordylogyne argillicola Dinter (3)

Cordylogyne globosa in sense of Meisn. (1)

Perennial. Geophytic herb. Ht 0.3–0.75 m. Alt 30–2000 m. NW, G, M, FS, KZN, L, NC, EC

kassnerianum Schltr. = **P. mackenii**

mackenii Harv.

Cordylogyne kassnerianum (Schltr.) Eyles (3)

Cordylogyne mossambicense (Schltr.) Eyles (3)

P. kassnerianum Schltr. (3)

P. mossambicense Schltr. (3)

Perennial. Geophytic herb. Ht 0.15–0.75 m. Alt 3–1500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC

macrum (E.Mey.) Decne. = **Sisyranthus macer**

mossambicense Schltr. = **P. mackenii**

PETOPENTIA Bullock 6730020

natalensis (Schltr.) Bullock = **Ischnolepis natalensis**

PIARANTHUS R.Br. 6881000

(1) Bayer. 1976. *Bulletin of the African Succulent Plant Society* 11: 38–41.

(2) Meve. 1994. *Bradleya* 12: 57–102.

(3) Bruyns. 1999. *Systematic Botany* 24: 379–397.

atrosanguineus (N.E.Br.) Bruyns

Caralluma atrosanguinea (N.E.Br.) N.E.Br. (3)
Huerniopsis atrosanguinea (N.E.Br.) A.C.White & B.Sloane (3)
Huerniopsis gibbosa Nel in A.C.White & B.Sloane (3)
Huerniopsis papillata Nel in A.C.White & B.Sloane (3)
Stapelia atrosanguinea N.E.Br. (3)
 Perennial. Succulent. Ht 20–40 mm. Alt 650–1500 m.
 B, LIM, NW

barrydalensis Meve = **P. geminatus**

comptus N.E.Br.

P. comptus N.E.Br. var. *ciliatus* N.E.Br. (2)
 Perennial. Succulent. Ht 20–40 mm. Alt 500–1200 m.
 NC, WC

comptus N.E.Br. var. *ciliatus* N.E.Br. = **P. comptus**

cornutus N.E.Br. = **P. decorus** subsp. **cornutus**

cornutus N.E.Br. var. *grandis* N.E.Br. = **P. decorus**
 subsp. **cornutus**

decipiens (N.E.Br.) Bruyns

Huerniopsis decipiens N.E.Br. (3)
P. grivanus N.E.Br. (3)
 Perennial. Succulent. Ht 20–40 mm. Alt 900–1600 m.
 N, B, NW, FS, NC

decorus (Masson) N.E.Br. subsp. **cornutus** (N.E.Br.)
 Meve

P. cornutus N.E.Br. (2)
P. cornutus N.E.Br. var. *grandis* N.E.Br. (2)
P. mennellii C.A.Lückh. (2)
P. nebrownii Dinter (2)
P. pallidus C.A.Lückh. (2)
P. pulcher N.E.Br. (2)
P. ruschii Nel (2)
 Perennial. Succulent. Ht 20–50 mm. Alt 500–1600 m.
 N, FS, NC

decorus (Masson) N.E.Br. subsp. **decorus**

Perennial. Succulent. Ht 20–50 mm. Alt 400–1400 m.
 NC, WC

disparilis N.E.Br. = **P. geminatus** var. **geminatus**

disparilis N.E.Br. var. *immaculata* C.A.Lückh. = **P.**
geminatus var. **geminatus**

foetidus N.E.Br. = **P. geminatus** var. **foetidus**

framesii Pillans

Perennial. Succulent. Ht 20–50 mm. Alt 500–1200 m.
 NC, WC

geminatus (Masson) N.E.Br. var. **foetidus** (N.E.Br.)
 Meve

P. foetidus N.E.Br. (2)
 Perennial. Succulent. Ht 20–50 mm. Alt 150–1200 m.
 NC, EC

geminatus (Masson) N.E.Br. var. **geminatus**

P. barrydalensis Meve (3)
P. disparilis N.E.Br. (2)
P. disparilis N.E.Br. var. *immaculata* C.A.Lückh. (2)
P. globosus A.C.White & B.Sloane (2)
P. pillansii N.E.Br. var. *inconstans* N.E.Br. (2)
P. pillansii N.E.Br. var. *pillansii* (2)
Stapelia geminata Masson (2)
 Perennial. Succulent. Ht 20–50 mm. Alt 250–1000 m.
 WC

globosus A.C.White & B.Sloane = **P. geminatus** var.
geminatus

grivanus N.E.Br. = **P. decipiens**

mennellii C.A.Lückh. = **P. decorus** subsp. **cornutus**

nebrownii Dinter = **P. decorus** subsp. **cornutus**

pallidus C.A.Lückh. = **P. decorus** subsp. **cornutus**

parvulus N.E.Br.

Perennial. Succulent. Ht 20–50 mm. Alt 500–1000 m.
 WC

pillansii N.E.Br. var. *inconstans* N.E.Br. = **P. geminatus**
 var. **geminatus**

pillansii N.E.Br. var. *pillansii* = **P. geminatus** var. **gemi-**
natus

pulcher N.E.Br. = **P. decorus** subsp. **cornutus**

punctatus (Masson) R.Br.

Stapelia punctata Masson (2)
 Perennial. Succulent. Ht 20–50 mm. Alt 100–1200 m.
 WC, NC

ruschii Nel = **P. decorus** subsp. **cornutus**

streyianus Nel = **Orbea maculata** subsp. **rangeana**

QUAQUA N.E.Br. 6884010

(1) Bruyns. 1999. *Botanische Jahrbücher* 121: 311–402.

acutiloba (N.E.Br.) Bruyns

Caralluma acutiloba N.E.Br. (1)
Caralluma ortholoba Lavranos (1)
Caralluma wilfriedii Dinter, naked name (1)
 Perennial. Succulent. Ht 40–150 mm. Alt 350–1600
 m. N, NC, WC

arenicola (N.E.Br.) Plowes subsp. **arenicola**

Caralluma arenicola N.E.Br. (1)
Q. armata (N.E.Br.) Bruyns subsp. *arenicola* Bruyns (1)
 Perennial. Succulent, shrub. Ht 50–150 mm. Alt 900–
 1500 m. WC, NC

arenicola (N.E.Br.) Plowes subsp. **pilifera** (Bruyns)
 Bruyns

Q. armata (N.E.Br.) Bruyns subsp. *pilifera* Bruyns (1)
Q. pilifera (Bruyns) Plowes (1)
 Perennial. Succulent, shrub. Ht 50–150 mm. Alt 1200–
 1500 m. NC

arida (N.E.Br.) Plowes (insufficiently known)

armata (N.E.Br.) Bruyns subsp. *arenicola* Bruyns = **Q.**
arenicola subsp. **arenicola**

armata (N.E.Br.) Bruyns subsp. **armata**

Caralluma armata N.E.Br. (1)
 Perennial. Succulent, shrub. Ht 50–200 mm. Alt 50–
 600 m. NC, WC

armata (N.E.Br.) Bruyns subsp. **maritima** Bruyns

Q. maritima (Bruyns) Plowes (1)
 Perennial. Succulent. Ht 50–200 mm. Alt 10–150 m.
 NC

armata (N.E.Br.) Bruyns subsp. *pilifera* Bruyns = **Q.**
arenicola subsp. **pilifera**

aurea (C.A.Lückh.) Plowes

Caralluma aurea C.A.Lückh. (1)
Q. incarnata (L.f.) Bruyns subsp. *aurea* (C.A.Lückh.) Bruyns (1)
 Perennial. Succulent. Ht 50–150 mm. Alt 300–900 m.
 NC, WC

bayeriana (Bruyns) Plowes

Q. parviflora (Masson) Bruyns subsp. *bayeriana* Bruyns (1)
 Perennial. Succulent. Ht 0.06–0.3 m. Alt 400–500 m.
 NC

cincta (C.A.Lückh.) Bruyns

Caralluma cincta C.A.Lückh. (1)
Q. inversa (N.E.Br.) Bruyns var. *cincta* (C.A.Lückh.) Bruyns (1)
 Perennial. Succulent. Ht 50–250 mm. Alt 450–1100
 m. NC, WC

confusa Plowes = **Q. parviflora** subsp. **confusa**
dependens (N.E.Br.) Plowes = **Q. parviflora** subsp.
dependens

framesii (Pillans) Bruyns

Caralluma framesii Pillans (1)

Perennial. Succulent, shrub. Ht 50–200 mm. Alt 75–150 m. WC

gracilis (C.A.Lückh.) Plowes = **Q. parviflora** subsp.
gracilis

hottentotorum N.E.Br. = **Q. incarnata** subsp. **hottentotorum**

incarnata (L.f.) Bruyns subsp. *aurea* (C.A.Lückh.) Bruyns = **Q. aurea**

incarnata (L.f.) Bruyns subsp. **hottentotorum** (N.E.Br.) Bruyns

Caralluma ausana Dinter & A.Berger (1)

Caralluma hottentotorum (N.E.Br.) N.E.Br. (1)

Q. hottentotorum N.E.Br. (1)

Perennial. Succulent, shrub. Ht 50–300 mm. Alt 100–1100 m. N, NC

incarnata (L.f.) Bruyns subsp. **incarnata**

Boucerosia incarnata (L.f.) N.E.Br. (1)

Caralluma incarnata (L.f.) N.E.Br. (1)

Caralluma incarnata (L.f.) N.E.Br. var. *alba* (G.Don) N.E.Br. (1)

Q. radiata Plowes (1)

Stapelia incarnata L.f. (1)

Perennial. Succulent, shrub. Ht 50–300 mm. Alt 5–300 m. WC

incarnata (L.f.) Bruyns subsp. *incarnata* var. *tentaculata* Bruyns = **Q. incarnata** subsp. **tentaculata**

incarnata (L.f.) Bruyns subsp. **tentaculata** (Bruyns) Bruyns

Q. incarnata (L.f.) Bruyns subsp. *incarnata* var. *tentaculata* Bruyns (1)

Q. tentaculata (Bruyns) Plowes (1)

Perennial. Succulent, shrub. Ht 50–300 mm. Alt 100–600 m. NC, WC

inversa (N.E.Br.) Bruyns

Caralluma inversa N.E.Br. (1)

Caralluma villetii C.A.Lückh. (1)

Perennial. Shrub, succulent. Ht 50–250 mm. Alt 150–350 m. NC, WC

inversa (N.E.Br.) Bruyns var. *cincta* (C.A.Lückh.) Bruyns = **Q. cincta**

linearis (N.E.Br.) Bruyns

Caralluma linearis N.E.Br. (1)

Perennial. Succulent, shrublet. Ht 50–200 mm. Alt 900–1200 m. WC

mammillaris (L.) Bruyns

Boucerosia mammillaris (L.) N.E.Br. (1)

Caralluma mammillaris (L.) N.E.Br. (1)

Caralluma winkleriana (Dinter) A.C.White & B.Sloane (1)

Sarcophagophilus winklerianus Dinter (1)

Stapelia mammillaris L. (1)

Stapelia pulla Aiton (1)

Perennial. Succulent, shrub. Ht 0.1–0.6 m. Alt 150–1100 m. N, NC, WC

maritima (Bruyns) Plowes = **Q. armata** subsp. **maritima**

marlothii (N.E.Br.) Bruyns

Caralluma marlothii N.E.Br. (1)

Caralluma marlothii N.E.Br. var. *viridis* E.Lamb. (1)

Caralluma simulans N.E.Br. (1)

Perennial. Succulent. Ht 50–200 mm. Alt 600–1400 m. NC, WC

multiflora (R.A.Dyer) Bruyns

Caralluma multiflora R.A.Dyer (1)

Perennial. Succulent, shrub. Ht 50–200 mm. Alt 950–1200 m. NC, WC

pallens Bruyns

Perennial. Succulent. Ht 0.06–0.3 m. Alt 600–900 m. NC

parviflora (Masson) Bruyns subsp. *bayeriana* Bruyns = **Q. bayeriana**

parviflora (Masson) Bruyns subsp. **confusa** (Plowes) Bruyns

Q. confusa Plowes (1)

Perennial. Succulent. Ht 0.06–0.3 m. Alt 150–650 m. NC, WC

parviflora (Masson) Bruyns subsp. **dependens** (N.E.Br.) Bruyns

Caralluma dependens N.E.Br. (1)

Caralluma reflexa C.A.Lückh. (1)

Q. dependens (N.E.Br.) Plowes (1)

Perennial. Succulent. Ht 0.06–0.3 m. Alt 100–600 m. WC

parviflora (Masson) Bruyns subsp. **gracilis** (C.A.Lückh.) Bruyns

Caralluma ericeta Nel (1)

Caralluma gracilis C.A.Lückh. (1)

Q. gracilis (C.A.Lückh.) Plowes (1)

Perennial. Succulent. Ht 0.06–0.3 m. Alt 400–1000 m. NC, WC

parviflora (Masson) Bruyns subsp. **parviflora**

Caralluma parviflora (Masson) N.E.Br. (1)

Caralluma virescens C.A.Lückh. (1)

Stapelia parviflora Masson (1)

Perennial. Succulent. Ht 0.06–0.3 m. Alt 100–400 m. NC, WC

parviflora (Masson) Bruyns subsp. *pulchra* Bruyns = **Q. pulchra**

parviflora (Masson) Bruyns subsp. **swanepoelii** (Lavranos) Bruyns

Caralluma swanepoelii Lavranos (1)

Q. swanepoelii (Lavranos) Plowes (1)

Perennial. Succulent. Ht 0.06–0.3 m. Alt 400–1000 m. NC

pilifera (Bruyns) Plowes = **Q. arenicola** subsp. **pilifera**

pillansii (N.E.Br.) Bruyns

Caralluma pillansii N.E.Br. (1)

Perennial. Succulent, shrub. Ht 0.15–0.5 m. Alt 350–1100 m. WC, EC

pruinosa (Masson) Bruyns

Caralluma pruinosa (Masson) N.E.Br. (1)

Caralluma pruinosa (Masson) N.E.Br. var. *nigra* C.A.Lückh. (1)

Stapelia pruinosa Masson (1)

Tromotriche pruinosa (Masson) Haw. (1)

Perennial. Shrub, succulent. Ht 0.1–0.5 m. Alt 250–1000 m. N, NC

pulchra (Bruyns) Plowes

Q. parviflora (Masson) Bruyns subsp. *pulchra* Bruyns

Perennial. Succulent. Ht 50–200 mm. Alt 75–150 m. WC

radiata Plowes = **Q. incarnata** subsp. **incarnata**

ramosa (Masson) Bruyns

Caralluma ramosa (Masson) N.E.Br. (1)

Stapelia ramosa Masson (1)

Perennial. Succulent. Ht 60–300 mm. Alt 400–1000 m. WC

swanepoelii (Lavranos) Plowes = **Q. parviflora** subsp. **swanepoelii**

tentaculata (Bruyns) Plowes = **Q. incarnata** subsp. **tentaculata**

RAPHIONACME Harv. 6747000

- (1) Brown. 1907. *FC* 4: 532–539.
 (2) Dyer. 1942. *The Flowering Plants of South Africa* 22: t. 853.
 (3) Huber. 1967. *FSWA* 113: 5–7.
 (4) Venter & Verhoeven. 1996. *South African Journal of Botany* 62,6: 316–320.
 (5) Venter. In press. *South African Journal of Botany*.

burkei N.E.Br. = **R. velutina**

dinteri Schltr. ex Schinz = **R. velutina**

divaricata Harv. = **R. hirsuta**

divaricata Harv. var. *glabra* N.E.Br. = **R. hirsuta**

dyeri Retief & Venter

Perennial. Dwarf shrub, geophyte. Ht up to 0.2 m. Alt 1000–1400 m. LIM, NW, FS

elata N.E.Br. = **R. galpinii**

elsana Venter & R.L.Verh.

Perennial. Herb, geophyte. Ht up to 0.4 m. Alt ± 100 m. KZN

flanaganii Schltr.

R. scandens N.E.Br. (1)

Perennial. Climber. Ht up to 2 m. Alt 10–1300 m. S, KZN, EC

galpinii Schltr.

R. elata N.E.Br. (5)

R. macrorrhiza Schltr. (1)

Perennial. Herb, geophyte. Ht up to 0.6 m. Alt 10–2100 m. LIM, NW, G, M, S, KZN, EC

haeneliae Venter & R.L.Verh.

Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 600–700 m. N

hirsuta (E.Mey.) R.A.Dyer ex E.Phillips

Apoxyanthera pubescens Hochst. (1)

Brachystelma hirsutum E.Mey. (2)

Mafekingia parquettiana Baill. (1)

R. divaricata Harv. (2)

R. divaricata Harv. var. *glabra* N.E.Br. (2)

R. hirsuta (E.Mey.) R.A.Dyer ex E.Phillips var. *glabra* (N.E.Br.) R.A.Dyer (7)

R. obovata Turcz. (1)

R. pubescens (Hochst.) Hochst. (1)

R. purpurea Harv. (1)

Perennial. Herb, geophyte. Ht up to 0.4 m. Alt 5–2200 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

hirsuta (E.Mey.) R.A.Dyer ex E.Phillips var. *glabra* (N.E.Br.) R.A.Dyer = **R. hirsuta**

inconspicua H.Huber

Perennial. Herb, geophyte. Ht up to 0.4 m. Alt 200–400 m. N, B

lanceolata Schinz

R. lanceolata Schinz var. *latifolia* N.E.Br. (5)

Perennial. Herb, geophyte. Ht up to 1 m. Alt 900–1200 m. N, B

lanceolata Schinz var. *latifolia* N.E.Br. = **R. lanceolata**

lobulata Venter & R.L.Verh.

Perennial. Climber. Ht up to 10 m. Alt 20–100 m. EC

lucens Venter & R.L.Verh.

Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt 5–20 m. KZN

macrorrhiza Schltr. = **R. galpinii**

monteiroae (Oliv.) N.E.Br.

Chlorocyathus monteiroae Oliv. (1)

Perennial. Climber. Ht 1–8 m. Alt 5–600 m. N, LIM

namibiana Venter & R.L.Verh.

Perennial. Herb, geophyte. Ht up to 0.2 m. Alt 1200–1600 m. N

obovata Turcz. = **R. hirsuta**

palustris Venter & R.L.Verh.

Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt 5–1400 m. KZN, EC

procumbens Schltr.

Perennial. Herb, geophyte. Ht up to 0.2 m. Alt 300–1700 m. LIM, M, S, KZN

pubescens (Hochst.) Hochst. = **R. hirsuta**

purpurea Harv. = **R. hirsuta**

scandens N.E.Br. = **R. flanaganii**

velutina Schltr.

R. burkei N.E.Br. (5)

R. dinteri Schltr. ex Schinz (3)

Perennial. Herb, geophyte. Ht up to 0.2 m. Alt 800–1600 m. N, B, LIM, NW, G, KZN, NC

zeyheri Harv.

Perennial. Herb, geophyte. Ht up to 0.3 m. Alt 100–610 m. EC

RAUVOLFIA L. 6619000

(1) Codd. 1963. *FSA* 26: 274–276.

(2) De Kruif. 1985. *FZ* 7,2: 458–462.

caffra Sond.

R. natalensis Sond. (1)

Perennial. Tree. Ht 2–21 m. Alt 0–1400 m. LIM, NW, G, M, S, KZN, WC, EC

natalensis Sond. = **R. caffra**

RHINOLOBIUM Arn. 6778050

tenuis Arn. = **Aspidoglossum gracile**

RHOMBONEMA Schltr. 6816000

luridum Schltr. = **Parapodium costatum**

RHYSSOLOBIUM E.Mey. 6890000

(1) Brown. 1907–1909. *FC* 4: 315–418.

dumosum E.Mey.

Perennial. Shrub. Ht 0.06–0.5 m. Alt 20–200 m. N, NC

RIOCREUXIA Decne. 6875000

(1) Dyer. 1980. *FSA* 27: 83–88.

aberrans R.A.Dyer

Ceropegia brachysiphon H.Huber (1)

Perennial. Herb. Ht? Alt? M

alexandrina (H.Huber) R.A.Dyer

Ceropegia flanaganii (Schltr.) H.Huber var. *alexandrina* H.Huber (1)

R. flanaganii Schltr. subsp. *alexandrina* (H.Huber) R.A.Dyer (1)

Perennial. Climber. Ht? Alt 10–300 m. KZN

bolusii N.E.Br.

Perennial. Climber. Ht 1–3 m. Alt ± 600 m. EC

burchellii K.Schum.

R. flanaganii Schltr. subsp. *segregata* R.A.Dyer (1)

Perennial. Climber. Ht 1–5 m. Alt? NW, M, S, FS, KZN, L, NC, EC

flanaganii Schltr.*Ceropegia flanaganii* (Schltr.) H. Huber var. *flanaganii* (1)

Perennial. Climber. Ht 0.5–1 m. Alt 10–600 m. EC

flanaganii Schltr. subsp. *alexandrina* (H. Huber) R.A. Dyer = **R. alexandrina***flanaganii* Schltr. subsp. *segregata* R.A. Dyer = **R. burchellii***flanaganii* Schltr. subsp. *woodii* (N.E.Br.) R.A. Dyer = **R. woodii****picta** Schltr.*Ceropegia picta* (Schltr.) H. Huber (1)

Perennial. Climber. Ht 1–5 m. Alt? M, S, KZN, L

torulosa Decne.*R. torulosa* Decne. var. *longidens* N.E.Br. (1)*R. torulosa* Decne. var. *obsoleta* N.E.Br. (1)*R. torulosa* Decne. var. *tomentosa* N.E.Br. (1)

Perennial. Climber. Ht 1–5 m. Alt 500–? m. M, FS, KZN, L, EC

torulosa Decne. var. *longidens* N.E.Br. = **R. torulosa***torulosa* Decne. var. *obsoleta* N.E.Br. = **R. torulosa***torulosa* Decne. var. *tomentosa* N.E.Br. = **R. torulosa****woodii** N.E.Br.*Ceropegia flanaganii* (Schltr.) H. Huber var. *fallax* H. Huber (1)*R. flanaganii* Schltr. subsp. *woodii* (N.E.Br.) R.A. Dyer (1)

Perennial. Climber. Ht? Alt? KZN

SARCOPHAGOPHILUS Dinter 6884110*winklerianus* Dinter = **Quaqua mammillaris****SARCOSTEMMA** R.Br. 6849000(1) Liede & Meve. 1993. *Botanical Journal of the Linnean Society* 112: 1–15.(2) Meve & Liede. 1996. *Botanical Journal of the Linnean Society* 120: 21–38.*aphyllum* (L.) R.Br., superfluous name = **S. viminale** subsp. *viminale**daltonii* Decne. = **S. viminale** subsp. *thunbergii***pearsonii** N.E.Br.

Perennial. Succulent, shrub. Ht 0.15–0.5 m. Alt 800–1950 m. N, NC

thunbergii Don = **S. viminale** subsp. *thunbergii***viminale** (L.) R.Br. subsp. *orangeanum* Liede & Meve
Perennial. Succulent, shrub to sprawling. Ht 0.2–0.5 m. Length up to 1.5 m. Alt 600–1800 m. FS, NC**viminale** (L.) R.Br. subsp. *suberosum* Meve & Liede
Perennial. Succulent, climber. Ht 0.5–10 m. Alt 600–1000 m. LIM**viminale** (L.) R.Br. subsp. *thunbergii* (Don) Liede & Meve*S. daltonii* Decne. (2)*S. thunbergii* Don (2)

Perennial. Succulent, shrub to sprawling. Ht 0.2–1 m. Length up to 2.5 m. Alt 100–1200 m. N, NC, WC, EC

viminale (L.) R.Br. subsp. *viminale**Asclepias aphylla* Thunb. (2)*Cynanchum aphyllum* (Thunb.) Schltr. (2)*S. aphyllum* (L.) R.Br., superfluous name (2)

Perennial. Succulent, climber. Ht 0.2–5 m. Alt 50–1500 m. N, B, LIM, M, S, FS, KZN, L, WC, EC

SCHIZOGLOSSUM E.Mey. 6778000(1) Brown. 1907. *FC* 4: 588–662.(1b) Druce. 1917. *The Botanical Exchange Club for the British Isles*, Suppl. 2: 645.(2) Kupicha. 1984. *Kew Bulletin* 38: 600–625, 669.(3) Hilliard. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45: 182, 183.*aciculare* N.E.Br. = **Stenostelma capense***addoense* N.E.Br. = **Aspidoglossum gracile***aemulum* Schltr. = **S. cordifolium****alpestre** Schumann (non-FSA)*altissimum* Schltr. = **Aspidoglossum interruptum****amatolicum** Hilliard

Perennial. Geophytic herb. Ht 250–600 mm. Alt? EC

anomalum N.E.Br. = **Miraglossum anomalum***araneiferum* Schltr. = **Aspidoglossum araneiferum****aschersonianum** Schltr. var. *aschersonianum**Lagarinthus tenellus* Turcz. (1)

Perennial. Geophytic herb. Ht 75–300 mm. Alt 183–1980 m. WC, EC

aschersonianum Schltr. var. *longipes* N.E.Br.

Perennial. Geophytic herb. Ht 230–250 mm. Alt? EC

aschersonianum Schltr. var. *pygmaeum* (Schltr.) N.E.Br.*S. pygmaeum* Schltr. (1)

Perennial. Geophytic herb. Ht 50–75(–150) mm. Alt ?–765 m. EC

aschersonianum Schltr. var. *radiatum* N.E.Br.

Perennial. Geophytic herb. Ht 75–300 mm. Alt? WC

atropurpureum E.Mey. subsp. *atropurpureum*

Perennial. Geophytic herb. Ht 600–1300 mm. Alt 1200–2040 m. G, M, S, FS, KZN, L, EC

atropurpureum E.Mey. subsp. *tridentatum* (Schltr.)

Kupicha

S. tridentatum Schltr. (2)

Perennial. Geophytic herb. Ht 160–550 mm. Alt 450–1524 m. EC

atropurpureum E.Mey. subsp. *virens* (E.Mey.) Kupicha*S. euphorbioides* E.Mey. (2)*S. oblongum* Schltr. (2)*S. virens* E.Mey. (2)

Perennial. Geophytic herb. Ht 150–700 mm. Alt 30–915 m. KZN, EC

atropurpureum E.Mey. var. *lineatum* Schltr. = **S. cordifolium***atrorubens* Schltr. = **S. bidens** subsp. *atrorubens**auriculatum* N.E.Br. = **Aspidoglossum glanduliferum***barbatum* Schltr., illegitimate name = **Aspidoglossum glabrescens***barberae* Schltr. = **Aspidoglossum interruptum***baumii* Schltr. ex N.E.Br. = **Aspidoglossum masaicum***biauriculatum* Schltr. = **Aspidoglossum delagoense****bidens** E.Mey. subsp. *atrorubens* (Schltr.) Kupicha*Lagarinthus atrorubens* (Schltr.) Bullock (2)*S. atrorubens* Schltr. (2)

Perennial. Geophytic herb. Ht 210–650(–700) mm. Alt 1350–2220 m. G, KZN, WC?, EC

bidens E.Mey. subsp. *bidens**S. truncatum* Schltr. (2)

Perennial. Geophytic herb. Ht 90–220 mm. Alt 1300–2600 m. FS, KZN, L, EC

bidens E.Mey. subsp. *galpinii* (Schltr.) Kupicha*Lagarinthus galpinii* (Schltr.) Bullock (2)*S. galpinii* Schltr. (2)

Perennial. Geophytic herb. Ht 300–660(–700) mm. Alt 700–1700 m. M, S, L?

- bidens** E.Mey. subsp. **gracile** Kupicha
Lagarinthus diversus (N.E.Br.) Bullock (2)
S. diversum N.E.Br. (2)
S. umbellatum Schltr. (2)
 Perennial. Geophytic herb. Ht 300–800 mm. Alt 45–365 m. EC
- bidens** E.Mey. subsp. **hirtum** Kupicha
 Perennial. Geophytic herb. Ht ± 300 mm. Alt 1050–1500 m. KZN, EC
- bidens** E.Mey. subsp. **pachyglossum** (Schltr.) Kupicha
S. pachyglossum Schltr. var. *abbreviatum* N.E.Br. (2)
S. pachyglossum Schltr. var. *pachyglossum* (2)
 Perennial. Geophytic herb. Ht 200–2500 mm. Alt 300–2500 m. M, S, FS, KZN, L, EC
- bidens** E.Mey. subsp. **productum** (N.E.Br.) Kupicha
S. pachyglossum Schltr. var. *productum* N.E.Br. (2)
 Perennial. Geophytic herb. Ht (190–)300–520 mm. Alt 1230–1981 m. LIM, M, KZN?
- biflorum* (E.Mey.) Schltr. = **Aspidoglossum biflorum**
- biflorum* (E.Mey.) Schltr. var. *concinnum* (Schltr.) N.E.Br. = **Aspidoglossum biflorum**
- biflorum* (E.Mey.) Schltr. var. *integrum* N.E.Br. = **Aspidoglossum biflorum**
- bilamellatum* Schltr. = **Aspidoglossum lamellatum**
- bilamellatum* Schltr. var. *cordylogynoides* Schltr. = **Aspidoglossum lamellatum**
- bolusii* Schltr. = **Aspidoglossum gracile**
- bowkeriae* N.E.Br. = **Aspidoglossum gracile**
- buchananii* N.E.Br. = **Aspidoglossum gracile**
- burchellii* N.E.Br. = **Aspidoglossum gracile**
- capense* (Schltr.) H.Huber = **Stenostelma capense**
- capitatum* Schltr. = **Asclepias dissona**
- carinatum* Schltr. = **Aspidoglossum carinatum**
- ciliatum* Schltr. = **Aspidoglossum fasciculare**
- commixtum* N.E.Br. = **Aspidoglossum glanduliferum**
- conrathii* Schltr. = **Aspidoglossum biflorum**
- consimile* N.E.Br. = **Aspidoglossum heterophyllum**
- contracurvum* N.E.Br. = **Aspidoglossum ovalifolium**
- cordifolium** E.Mey.
S. aemulum Schltr. (2)
S. atropurpureum E.Mey. var. *lineatum* Schltr. (2)
S. cordifolium E.Mey. var. *centralis* N.E.Br. (2)
S. divaricatum N.E.Br. (2)
S. hirsutum Turcz. (2)
 Perennial. Geophytic herb. Ht 150–600 mm. Alt 5–1830 m. LIM, M, S, KZN, WC, EC
- cordifolium* E.Mey. var. *centralis* N.E.Br. = **S. cordifolium**
- corniculatum* (E.Mey.) R.A.Dyer = **Stenostelma corniculatum**
- crassipes** S.Moore
 Perennial. Geophytic herb. Ht 35–380 mm. Alt ± 1000 m. FS, KZN, EC
- davyi* N.E.Br. = **Miraglossum davyi**
- decipiens* N.E.Br. = **S. stenoglossum** subsp. **flavum**
- decipiens* N.E.Br. var. *flavum* N.E.Br. = **S. stenoglossum** subsp. **flavum**
- delagoense* Schltr. = **Aspidoglossum delagoense**
- dissimile* N.E.Br. var. *dissimile* = **Aspidoglossum dissimile**
- dissimile* N.E.Br. var. *pubiflorum* N.E.Br. = **Aspidoglossum dissimile**
- divaricatum* N.E.Br. = **S. cordifolium**
- diversum* N.E.Br. = **S. bidens** subsp. **gracile**
- dregei* N.E.Br. = **Aspidoglossum gracile**
- elingue** N.E.Br. subsp. **elingue**
 Perennial. Geophytic herb. Ht 100–280(–650) mm. Alt 1950–2700 m. KZN
- elingue** N.E.Br. subsp. **purpureum** Kupicha
 Perennial. Geophytic herb. Ht 100–300 mm. Alt 2300–2700 m. KZN, L, EC
- euphorbioides* E.Mey. = **S. atropurpureum** subsp. **virens**
- eustegioides** (E.Mey.) Druce
Asclepias eustegioides (E.Mey.) Schltr. (1b)
Gomphocarpus eustegioides (E.Mey.) Decne. (1b)
Lagarinthus eustegioides E.Mey. (1b)
 Perennial. Geophytic herb. Ht 25–380 mm. Alt ?–1525 m. G, FS, NC, EC
- excisum* Schltr. = **Aspidoglossum biflorum**
- exile* (Decne.) Schltr. = **Aspidoglossum gracile**
- fasciculare* (E.Mey.) Schltr. = **Aspidoglossum fasciculare**
- filifolium* Schltr. = **Aspidoglossum gracile**
- filipes* Schltr. = **Aspidoglossum gracile**
- flanaganii* Schltr. = **Aspidoglossum flanaganii**
- flavum** Schltr.
S. flavum Schltr. var. *lineare* N.E.Br. (2)
 Perennial. Geophytic herb. Ht 700–300 mm. Alt (60–)915–2250 m. KZN, EC
- flavum* Schltr. var. *lineare* N.E.Br. = **S. flavum**
- galpinii* Schltr. = **S. bidens** subsp. **galpinii**
- garcianum** Schltr.
 Perennial. Geophytic herb. Ht 150–250 mm. Alt 70–450 m. LIM, M, S, KZN
- gerrardii* (Harv.) Benth. & Hook.f. = **Pachycarpus campanulatus** var. **sutherlandii**
- glabrescens* Schltr. = **Aspidoglossum glabrescens**
- glabrescens* Schltr. var. *longirostre* (Schltr.) N.E.Br. = **Aspidoglossum glabrescens**
- glanduliferum* Schltr. = **Aspidoglossum glanduliferum**
- grandiflorum* Schltr. = **Aspidoglossum grandiflorum**
- guthriei* Schltr. = **Aspidoglossum gracile**
- hamatum** E.Mey.
S. hamatum E.Mey. var. *elegans* N.E.Br. (2)
S. hamatum E.Mey. var. *pallidum* N.E.Br. (2)
 Perennial. Geophytic herb. Ht 250–600 mm. Alt 365–2200 m. KZN, EC
- hamatum* E.Mey. var. *elegans* N.E.Br. = **S. hamatum**
- hamatum* E.Mey. var. *pallidum* N.E.Br. = **S. hamatum**
- harveyi* N.E.Br. = **Aspidoglossum heterophyllum**
- heterophyllum* (E.Mey.) Schltr. var. *heterophyllum* = **Aspidoglossum heterophyllum**
- heterophyllum* (E.Mey.) Schltr. var. *majus* N.E.Br. = **Aspidoglossum heterophyllum**

heterophyllum (E.Mey.) Schltr. var. *schinzianum*
N.E.Br. = **Aspidoglossum heterophyllum**

hilliardiae Kupicha

Perennial. Geophytic herb. Ht 90–340 mm. Alt 1800–2700 m. KZN, EC

hirsutum Turcz. = **S. cordifolium**

hirtiflorum N.E.Br. = **Aspidoglossum glabrescens**

huttoniae S.Moore = **Sisyranthus huttoniae**

ingomense N.E.Br.

Perennial. Geophytic herb. Ht 600–900 mm. Alt 1200–1500 m. KZN

interruptum (E.Mey.) Schltr. = **Aspidoglossum interruptum**

lamellatum Schltr. = **Aspidoglossum lamellatum**

linifolium Schltr. var. **centrirostratum** N.E.Br.

Perennial. Geophytic herb. Ht 300–750 mm. Alt ?–516 m. EC

linifolium Schltr. var. **linifolium**

Asclepias filiformis L.f., not of (E.Mey.) Benth. & Hook.f. (1)

Asclepias pachystephana Schltr. (1)

Asclepias tenuis (E.Mey.) Schltr. (1)

Gomphocarpus pachystephanus (Schltr.) Schltr. (1)

Gomphocarpus tenuis (E.Mey.) D.Dietr. (1)

Lagarinthus tenuis E.Mey. (1)

Perennial. Geophytic herb. Ht 300–750 mm. Alt 60–2045 m. FS, KZN, L, WC, EC

longirostre Schltr. = **Aspidoglossum glabrescens**

loreum S.Moore = **Aspidoglossum glabrescens**

lunatum Schltr. = **Aspidoglossum gracile**

macowanii N.E.Br. var. *macowanii* = **Aspidoglossum grandiflorum**

macowanii N.E.Br. var. *tugelense* N.E.Br. = **Aspidoglossum grandiflorum**

masaicum N.E.Br. = **Aspidoglossum masaicum**

montanum R.A.Dyer

Perennial. Geophytic herb. Ht 50–120 mm. Alt ?–2835 m. FS, KZN, L?

monticola Schltr. = **Aspidoglossum gracile**

nitidum Schltr.

S. wallacei Schltr. (2)

Perennial. Geophytic herb. Ht 70–300 mm. Alt 1200–1950 m. G, M, S, FS, KZN, L, EC

oblongum Schltr. = **S. atropurpureum** var. **virens**

ovalifolium Schltr. = **Aspidoglossum ovalifolium**

pachyglossum Schltr. var. *abbreviatum* N.E.Br. = **S. bidens** subsp. **pachyglossum**

pachyglossum Schltr. var. *pachyglossum* = **S. bidens** subsp. **pachyglossum**

pachyglossum Schltr. var. *productum* N.E.Br. = **S. bidens** subsp. **productum**

pallidum Schltr. = **Aspidoglossum restioides**

parcum N.E.Br. = **Aspidoglossum gracile**

parile N.E.Br. = **Aspidoglossum glanduliferum**

parvulum Schltr. var. *parvulum* = **Aspidoglossum gracile**

parvulum Schltr. var. *sessile* N.E.Br. = **Aspidoglossum gracile**

pedunculatum Schltr. = **Asclepias aurea**

peglerae N.E.Br.

Perennial. Geophytic herb. Ht 80–200 mm. Alt 30–600 m. KZN, EC

periglossoides Schltr.

Perennial Geophytic herb. Ht 220–500 mm. Alt 1200–1800 m. LIM, NW, G, M, KZN

pilosum Schltr. = **Miraglossum pilosum**

propinquum S.Moore = **Aspidoglossum lamellatum**

pulchellum Schltr. = **Miraglossum pulchellum**

pumilum Schltr. = **Aspidoglossum ovalifolium**

pygmaeum Schltr. = **S. aschersonianum** var. **pygmaeum**

quadridens N.E.Br.

Perennial. Geophytic herb. Ht 100–150 mm. Alt ± 1850 m. KZN

randii S.Moore = **Aspidoglossum restioides**

restioides Schltr. = **Aspidoglossum restioides**

robustum Schltr. var. *inandense* N.E.Br. = **Aspidoglossum ovalifolium**

robustum Schltr. var. *pubiflorum* N.E.Br. in part = **Aspidoglossum ovalifolium**

robustum Schltr. var. *pubiflorum* N.E.Br. in part = **Aspidoglossum validum**

robustum Schltr. var. *robustum* = **Aspidoglossum ovalifolium**

rubiginosum Hilliard

Perennial. Geophytic herb. Ht ± 600 mm. Alt ± 900 m. KZN

saccatum Bruyns

Perennial. Geophytic herb. Ht 70–200 mm. Alt ± 1400 m. N

schinzianum Schltr. = **Aspidoglossum heterophyllum**

schlechteri N.E.Br. = **Aspidoglossum glabrescens**

singulare Kupicha

Perennial. Geophytic herb. Ht ± 90 mm. Alt ± 2100 m. KZN

stenoglossum Schltr. subsp. **flavum** (N.E.Br.) Kupicha

S. decipiens N.E.Br. (2)

S. decipiens N.E.Br. var. *flavum* N.E.Br. (2)

Perennial. Geophytic herb. Ht 180–500 mm. Alt 1500–2100 m. KZN

stenoglossum Schltr. subsp. **latifolium** Kupicha

Perennial. Geophytic herb. Ht 150–510 mm. Alt 1050–2700 m. M, FS, KZN

stenoglossum Schltr. subsp. **stenoglossum**

S. stenoglossum Schltr. var. *longipes* Schltr. (2)

Perennial. Geophytic herb. Ht 250–450 mm. Alt 300–1500 m. KZN, EC

stenoglossum Schltr. var. *longipes* Schltr. = **S. stenoglossum** Schltr. var. **stenoglossum**

striatum Schltr. = **Aspidoglossum ovalifolium**

strictum Schltr. = **Aspidoglossum biflorum**

tenue (Arn.) Druce = **Aspidoglossum gracile**

tenuissimum Schltr. = **Aspidoglossum glabrescens**

tomentosum Schltr. = **Aspidoglossum gracile**

tricuspidatum Schltr. = **Aspidoglossum carinatum**

tridens N.E.Br. = **Aspidoglossum glabrescens**

tridentatum Schltr. = **S. atropurpureum** subsp. **tridentatum**

truncatum Schltr. = **S. bidens** subsp. **bidens**

tubulosum Schltr. = **Aspidoglossum biflorum**

umbellatum Schltr. = **S. bidens** subsp. **gracile**

umbelliferum Schltr. = **Xysmalobium involucreatum**

uncinatum N.E.Br. = **Aspidoglossum uncinatum**

unicum N.E.Br. = **Aspidoglossum glabrescens**

venustum Schltr. = **Aspidoglossum biflorum**

venustum Schltr. var. *concinnum* Schltr. = **Aspidoglossum biflorum**

verticillare Schltr. = **Miraglossum verticillare**

villosum Schltr. = **Aspidoglossum heterophyllum**

virens E.Mey. = **S. atropurpureum** subsp. **virens**

virgatum (E.Mey.) Schltr. = **Aspidoglossum virgatum**

wallacei Schltr. = **S. nitidum**

woodii Schltr. = **Aspidoglossum woodii**

SCHIZOSTEPHANUS Hochst. 6836000

alatus Hochst. ex K.Schum. = **Cynanchum validum**

SECAMONE R.Br. 6860000

(1) Goyder. 1992. *Kew Bulletin* 47: 437–474.

alpini Schult.

Periploca secamone L. (1)

S. thunbergii E.Mey. (1)

S. thunbergii E.Mey. var. *retusa* E.Mey. (1)

Perennial. Climber. Ht 1–10 m. Alt 5–2400 m. LIM, NW, M, S, KZN, WC, EC

delagoensis Schltr.

Perennial. Climber. Ht 1–5 m. Alt 10–100 m. KZN

emetica (Retz.) R.Br. ex Schult. var. *glabra* K.Schum. = **S. parvifolia**

filiformis (L.f.) J.H.Ross

Astephanus frutescens E.Mey. (1)

Celastrus filiformis L.f. (1)

S. frutescens (E.Mey.) Decne. (1)

Perennial. Climber. Ht 1–5 m. Alt 10–1500 m. LIM, NW, M, S, EC, KZN

frutescens (E.Mey.) Decne. = **S. filiformis**

gerrardii Harv. ex Benth.

Perennial. Climber. Ht 1–5 m. Alt 5–1800 m. LIM, M, S, KZN, EC

parvifolia (Oliv.) Bullock

Gymnema parvifolium Oliv. (1)

S. emetica (Retz.) R.Br. ex Schult. var. *glabra* K.Schum. (1)

Perennial. Climber. Ht 1–5 m. Alt 0–1500 m. B, LIM, NW, S, KZN

punctulata Decne.

Perennial. Climber. Ht 1–5 m. Alt ± 1200 m. N

thunbergii E.Mey. = **S. alpini**

thunbergii E.Mey. var. *retusa* E.Mey. = **S. alpini**

SISYRANTHUS E.Mey. 6861000

(1) Brown. 1908. *FC* 4,1: 786–794.

(2) Brown. 1909. *Kew Bulletin* 1909: 419, 420.

anceps Schltr.

Perennial. Geophytic herb. Ht 350–540 mm. Alt ± 900 m. KZN

barbatus (Turcz.) N.E.Br.

Lagarinthus barbatus Turcz. (1)

S. imberbis E.Mey. var. *barbatus* (Turcz.) Schltr. (1)

Perennial. Geophytic herb. Ht 300–500 mm. Alt 1200–1600 m. KZN, EC

compactus N.E.Br.

Perennial. Geophytic herb. Ht 150–360 mm. Alt ± 30 m. KZN, EC

expansum Schltr. = **S. trichostomus**

fanniniae N.E.Br.

Perennial. Geophytic herb. Ht 400–600 mm. Alt ± 230 m. KZN

franksiae N.E.Br.

Perennial. Geophytic herb. Ht 250–750 mm. Alt 30–850 m. KZN

huttoniae (S.Moore) S.Moore

Schizoglossum huttoniae S.Moore (1)

Perennial. Geophytic herb. Ht 300–410 mm. Alt 400–1750 m. M, S, KZN

imberbis E.Mey. var. *barbatus* (Turcz.) Schltr. = **S. barbatus**

imberbis Harv.

Perennial. Geophytic herb. Ht 180–960 mm. Alt 30–1830 m. LIM, G, M, S, FS, KZN, L, EC

macer (E.Mey.) Schltr.

Gomphocarpus macer (E.Mey.) D.Dietr. (1)

Lagarinthus macer E.Mey. (1)

Periglossum macrum (E.Mey.) Decne. (1)

Perennial. Geophytic herb. Ht 180–600 mm. Alt? EC

randii S.Moore

S. randii S.Moore var. *abbreviatus* S.Moore (1)

Perennial. Geophytic herb. Ht 450–760 mm. Alt 825–2000 m. LIM, NW, G, M, S, FS, KZN, L

randii S.Moore var. *abbreviatus* S.Moore = **S. randii**

rotatus Schltr. = **S. trichostomus**

saundersiae N.E.Br.

Perennial. Geophytic herb. Ht 450–760 mm. Alt 15–1700 m. KZN

schizoglossoides N.E.Br. = **Brachystelma schizoglossoides**

trichostomus K.Schum.

S. expansum Schltr. (1)

S. rotatus Schltr. (1)

S. virgatum E.Mey. var. *trichostomus* (K.Schum.) Harv. (1)

Perennial. Geophytic herb. Ht 350–800 mm. Alt 750–1700 m. KZN, EC

virgatum E.Mey.

Brachystelma virgatum Dieter. (1)

Perennial. Geophytic herb. Ht 450–760 mm. Alt 30–1500 m. S, KZN, EC

virgatum E.Mey. var. *trichostomus* (K.Schum.) Harv. = **S. trichostomus**

SPHAEROCODON Benth. 6896000

(1) Brown. 1903. *FTA* 4: 412.

melananthus N.E.Br.

Gymnema melananthum (N.E.Br.) K.Schum. ex Schltr. (1)

Perennial. Herb. Ht 0.1–0.25 m. Alt ± 1200 m. N

natalense (Meisn.) Hook.f.

Perennial. Herb. Ht 0.3–1 m. Alt 300–1200 m. LIM, NW, G, M, S, KZN

STAPELIA L. 6885000

(1) Leach. 1985. *Excelsa Taxonomic Series* 3: 1–157.

acuminata Masson

S. acuminata Masson var. *brevicuspis* N.E.Br. (1)

S. indocta Nel (1)

Perennial. Succulent. Ht 0.15–0.25 m. Alt 200–900 m. NC, WC

acuminata Masson var. *brevicuspis* N.E.Br. = **S. acuminata**

affinis N.E.Br. = **S. hirsuta**

albipilosa Giess = **Tridentea marientalensis** subsp. **albipilosa**

albocastanea Marloth = **Orbea albocastanea**

ambigua Masson var. *ambigua* = **S. grandiflora**

ambigua Masson var. *fulva* Sweet = **S. grandiflora**

aperta Masson = **Tromotriche aperta**

arenosa C.A.Lückh.

S. beukmanii C.A.Lückh., illegitimate name (1)

S. stultitoides C.A.Lückh. (1)

Perennial. Succulent. Ht 0.15–0.25 m. Alt 700–1200 m. NC, WC

articulata Aiton = **Pectinaria articulata** subsp. **articulata**

asterias Masson

S. asterias Masson var. *gibba* N.E.Br. (1)

S. asterias Masson var. *lucida* (DC.) N.E.Br. (1)

S. lucida DC. (1)

Perennial. Succulent. Ht ± 0.15 m. Alt? NC, WC, EC

asterias Masson var. *gibba* N.E.Br. = **S. asterias**

asterias Masson var. *lucida* (DC.) N.E.Br. = **S. asterias**

atrosanguinea N.E.Br. = **Piранthus atrosanguineus**

auobensis Nel = **Tridentea marientalensis** subsp. **marientalensis**

aurea Dinter = **Tridentea virescens**

ausana Dinter & A.Berger ex Dinter = **Tridentea jucunda**

barbata Masson = **Huernia barbata**

barklyi N.E.Br. = **Orbea namaquensis** × **Stapelia hirsuta**

baylissii L.C.Leach

Perennial. Succulent. Ht 0.15–0.25 m. Alt 200–700 m. EC

bergeriana Dinter = **S. schinzii** var. **bergeriana**

beukmanii C.A.Lückh., illegitimate name = **S. arenosa**

cactiformis Hook. = **Larryleachia cactiformis**

caespitosa Masson var. *caespitosa* = **Duvalia caespitosa** var. **caespitosa**

caespitosa Masson var. *hirtella* (Jacq.) Loud. = **Duvalia caespitosa** var. **caespitosa**

campanulata Masson = **Huernia barbata**

cedrimontana Frandsen

Perennial. Succulent. Ht 0.15–0.25 m. Alt up to 1000 m. WC

choanantha (Lavranos & H.Hall) R.A.Dyer = **Tromotriche choanantha**

ciliata Thunb. = **Orbea ciliata**

cincta Marloth = **Tridentea jucunda**

clavicornata I.Verd.

Perennial. Succulent, shrub. Ht 0.15–0.25 m. Alt 900–1200 m. LIM

compacta Schult. = **Duvalia caespitosa** var. **compacta**

concinna Masson (insufficiently known).

concinna Masson var. *paniculata* (Willd.) N.E.Br. = **S. paniculata**

conformis N.E.Br. = **S. macowanii** var. **conformis**

conformis N.E.Br. var. *abrasa* N.E.Br. = **S. macowanii** var. **conformis**

conformis N.E.Br. var. *conformis* = **S. macowanii** var. **conformis**

cooperi N.E.Br. = **Orbea cooperi**

corderoyi Hook.f. = **Duvalia corderoyi**

cyclista C.A.Lückh. = **S. gigantea**

desmetiana N.E.Br. = **S. grandiflora**

desmetiana N.E.Br. var. *apicalis* N.E.Br. = **S. grandiflora**

desmetiana N.E.Br. var. *desmetiana* = **S. grandiflora**

desmetiana N.E.Br. var. *fergusonae* R.A.Dyer = **S. grandiflora**

desmetiana N.E.Br. var. *pallida* N.E.Br. = **S. grandiflora**

dinteri A.Berger = **Tridentea jucunda**

divaricata Masson

Perennial. Succulent. Ht 0.15–0.25 m. Alt 100–200 m. WC

dwequensis C.A.Lückh. = **Tridentea dwequensis**

elegans Masson = **Duvalia elegans**

engleriana Schltr.

Tromotriche engleriana (Schltr.) L.C.Leach (2)

Perennial. Succulent. Ht 0.15–0.25 m. Alt 300–1200 m. NC, WC

erectiflora N.E.Br. var. **erectiflora**

Perennial. Succulent. Ht 0.1–0.25 m. Alt 400–800 m. WC

erectiflora N.E.Br. var. **prostratiflora** L.C.Leach

Perennial. Succulent. Ht 0.1–0.25 m. Alt 150–300 m. WC

fissirostris Jacq. = **S. rufa**

flavirostris N.E.Br. = **S. grandiflora**

flavopurpurea Marloth

S. fleckii A.Berger & Schltr. (1)

Perennial. Succulent. Ht 0.1–0.2 m. Alt 800–1600 m. N, NC

fleckii A.Berger & Schltr. = **S. flavopurpurea**

forcipis E.Phillips & Letty = **S. glabricaulis**

fucosa N.E.Br. = **Orbea verrucosa**

furcata N.E.Br. = **Orbea melanantha**

gariensis Pillans

S. johni-lavrani Halda (1)

Perennial. Succulent. Ht 0.1–0.2 m. Alt 50–700 m. N, NC

geminata Masson = **Piранthus geminatus** var. **geminatus**

gemmaeflora Masson = **Tridentea gemmaeflora**

gemmaeflora Masson var. *densa* (N.E.Br.) N.E.Br. =
Tridentea gemmaeflora

gemmaeflora Masson var. *hircosa* (Jacq.) N.E.Br. =
Tridentea gemmaeflora

gettliffei R.Pott

Perennial. Sprawling succulent. Ht 0.1–0.2 m. Alt 400–1100 m. B, LIM, M

gigantea N.E.Br.

S. cyclista C.A.Lückh. (1)

S. gigantea N.E.Br. var. *pallida* E.Phillips (1)

S. marlothii N.E.Br. (1)

S. nobilis N.E.Br. (1)

S. youngii N.E.Br. (1)

Perennial. Succulent. Ht 0.15–0.25 m. Alt 50–1200 m. LIM, NW, M, S, KZN

gigantea N.E.Br. var. *pallida* E.Phillips = **S. gigantea**

glabricaulis N.E.Br.

S. forcipis E.Phillips & Letty (1)

Perennial. Succulent. Ht 0.15–0.25 m. Alt up to 700 m. EC

glanduliflora Masson

S. hispidula Hornem. (1)

S. glanduliflora Masson var. *emarginata* N.E.Br. (1)

S. glanduliflora Masson var. *haworthii* A.Berger (1)

S. glanduliflora Masson var. *massonii* A.Berger (1)

Perennial. Succulent. Ht 0.1–0.25 m. Alt 100–300 m. WC

glanduliflora Masson var. *emarginata* N.E.Br. = **S. glanduliflora**

glanduliflora Masson var. *haworthii* A.Berger = **S. glanduliflora**

glanduliflora Masson var. *massonii* A.Berger = **S. glanduliflora**

grandiflora Masson

S. ambigua Masson var. *ambigua* (1)

S. ambigua Masson var. *fulva* Sweet (1)

S. desmetiana N.E.Br. (1)

S. desmetiana N.E.Br. var. *apicalis* N.E.Br. (1)

S. desmetiana N.E.Br. var. *desmetiana* (1)

S. desmetiana N.E.Br. var. *fergusoniae* R.A.Dyer (1)

S. desmetiana N.E.Br. var. *pallida* N.E.Br. (1)

S. flavirostris N.E.Br. (1)

S. grandiflora Masson var. *lineata* N.E.Br. (1)

S. obscura N.E.Br. (1)

S. senilis N.E.Br. (1)

S. spectabilis Haw. (1)

Perennial. Succulent. Ht 0.15–0.3 m. Alt 500–1800 m. FS, L, NC, WC, EC

grandiflora Masson var. *lineata* N.E.Br. = **S. grandiflora**

guttata Masson = **Huernia guttata**

herrei Nel = **Tromotriche herrei**

hircosa Jacq. = **Tridentea gemmaeflora**

hircosa Jacq. var. *densa* N.E.Br. = **Tridentea gemmaeflora**

hirsuta L.

S. affinis N.E.Br. (1)

S. hirsuta L. var. *affinis* (N.E.Br.) N.E.Br. (1)

S. hirsuta L. var. *comata* (Jacq.) N.E.Br. (1)

S. hirsuta L. var. *depressa* (Jacq.) N.E.Br. (1)

S. hirsuta L. var. *grata* N.E.Br. (1)

S. hirsuta L. var. *longirostris* (N.E.Br.) N.E.Br. (1)

S. hirsuta L. var. *lutea* N.E.Br. (1)

S. hirsuta L. var. *patula* (Willd.) N.E.Br. (1)

S. hirsuta L. var. *unguipetala* (N.E.Br.) N.E.Br. (1)

S. lanifera Haw. (1)

S. margarita B.Sloane (1)

S. patentirostris N.E.Br. (1)

S. patula Willd. (1)

S. patula Willd. var. *depressa* (Jacq.) N.E.Br. (1)

S. patula Willd. var. *longirostris* N.E.Br. (1)

S. unguipetala N.E.Br. (1)

S. villosa N.E.Br. (1)

Perennial. Succulent. Ht 0.15–0.25 m. Alt 200–1300 m. NC, WC, EC

hirsuta L. var. *affinis* (N.E.Br.) N.E.Br. = **S. hirsuta**

hirsuta L. var. *comata* (Jacq.) N.E.Br. = **S. hirsuta**

hirsuta L. var. *depressa* (Jacq.) N.E.Br. = **S. hirsuta**

hirsuta L. var. *grata* N.E.Br. = **S. hirsuta**

hirsuta L. var. *longirostris* (N.E.Br.) N.E.Br. = **S. hirsuta**

hirsuta L. var. *lutea* N.E.Br. = **S. hirsuta**

hirsuta L. var. *patula* (Willd.) N.E.Br. = **S. hirsuta**

hirsuta L. var. *unguipetala* (N.E.Br.) N.E.Br. = **S. hirsuta**

hirtella Jacq. = **Duvalia caespitosa** var. *caespitosa*

hispidula Hornem. = **S. glanduliflora**

humilis Masson = **Huernia humilis**

hystrix Hook.f. = **Huernia hystrix** var. *hystrix*

immelmaniae Pillans

Perennial. Succulent. Ht up to 0.2 m. Alt up to 1000 m. WC

incarnata L.f. = **Quaqua incarnata** subsp. *incarnata*

indocta Nel = **S. acuminata**

intermedia N.E.Br. = **Caralluma intermedia**

irrorata Masson = **Orbea verrucosa**

johni-lavrani Halda = **S. garipeensis**

jucunda N.E.Br. = **Tridentea jucunda**

jucunda N.E.Br. var. *deficiens* N.E.Br. = **Tridentea jucunda**

juttiae Dinter = **S. similis**

knobelii E.Phillips = **Orbea knobelii**

kougabergensis L.C.Leach

Perennial. Succulent. Ht 0.05–0.25 m. Alt 500–900 m. EC

kwebensis N.E.Br.

S. kwebensis N.E.Br. var. *longipedicellata* A.Berger (1)

Perennial. Succulent. Ht ± 0.15 m. Alt 600–1900 m. N, B, LIM

kwebensis N.E.Br. var. *longipedicellata* A.Berger = **S. kwebensis**

lanifera Haw. = **S. hirsuta**

leendertziae N.E.Br.

S. wilmaniae C.A.Lückh. (1)

Perennial. Succulent. Ht 0.15–0.25 m. Alt 600–1200 m. G, M, S, KZN

lepida Jacq. = **Orbea variegata**

longidens N.E.Br. = **Orbea longidens**

longii C.A.Lückh. = **Tromotriche longii**

longipedicellata (A.Berger) L.C.Leach

Perennial. Succulent. Ht up to 0.15 m. Alt? N

longipes C.A.Lückh. var. *longipes* = **Tromotriche longipes**

longipes C.A.Lückh. var. *namaquensis* C.A.Lückh. = **Tromotriche longipes**

lucida DC. = **S. asterias**

macloughlinii I. Verd. = **Orbea macloughlinii**

macowanii N.E.Br. var. **conformis** (N.E.Br.) L.C. Leach
S. conformis N.E.Br. (1)

S. conformis N.E.Br. var. *abrassa* N.E.Br. (1)

S. conformis N.E.Br. var. *conformis* (1)

Perennial. Succulent. Ht 0.15–0.25 m. Alt 500–1000 m. EC

macowanii N.E.Br. var. **macowanii**

Perennial. Succulent. Ht 0.15–0.25 m. Alt ± 500 m. EC

mammillaris L. = **Quaqua mammillaris**

margarita B. Sloane = **S. hirsuta**

marientalensis Nel = **Tridentea marientalensis** subsp. **marientalensis**

marlothii N.E.Br. = **S. gigantea**

mastodes Jacq. = **Duvalia caespitosa** var. **compacta**

×**meintjiesii** I. Verd.

Perennial. Succulent. Ht? Alt? LIM

melanantha Schltr. = **Orbea melanantha**

miscella N.E.Br. = **Orbea miscella**

montana L.C. Leach var. **grossa** L.C. Leach

Perennial. Succulent. Ht up to 0.08 m. Alt up to 500 m. WC

montana L.C. Leach var. **montana**

Perennial. Succulent. Ht up to 0.08 m. Alt up to 1000 m. WC

namaquensis N.E.Br. = **Orbea namaquensis**

neliana A.C. White & B. Sloane = **Tromotriche herrei**

noachabibensis C.A. Lückh. = **S. similis**

nobilis N.E.Br. = **S. gigantea**

nouhuysii E. Phillips = **S. paniculata**

nudiflora Pillans = **S. vetula**

obducta L.C. Leach

Perennial. Succulent. Ht 0.15–0.25 m. Alt 800–1200 m. EC

obscura N.E.Br. = **S. grandiflora**

ocellata Jacq. = **Huernia guttata**

olivacea N.E.Br.

Perennial. Succulent. Ht 0.15–0.25 m. Alt 900–1100 m. FS, NC, WC, EC

pachyrrhiza Dinter = **Tridentea pachyrrhiza**

paniculata Willd.

S. concinna Masson var. *paniculata* (Willd.) N.E.Br. (1)

S. nouhuysii E. Phillips (1)

Perennial. Succulent. Ht 0.15–0.25 m. Alt 20–600 m. WC

parviflora Masson = **Quaqua parviflora** subsp. **parviflora**

parvipuncta N.E.Br. = **Tridentea parvipuncta** subsp. **parvipuncta**

parvipuncta N.E.Br. var. *truncata* C.A. Lückh. = **Tridentea parvipuncta** subsp. **truncata**

patentirostris N.E.Br. = **S. hirsuta**

patula Willd. = **S. hirsuta**

patula Willd. var. *depressa* (Jacq.) N.E.Br. = **S. hirsuta**

patula Willd. var. *longirostris* N.E.Br. = **S. hirsuta**

pearsonii N.E.Br.

Perennial. Succulent. Ht 0.15–0.25 m. Alt 1300–2100 m. N

peculiaris C.A. Lückh. = **Tridentea peculiaris**

pedunculata Masson = **Tromotriche pedunculata**

peglerae N.E.Br.

Perennial. Succulent. Ht up to 0.25 m. Alt up to 900 m. EC

pillansii N.E.Br. var. *attenuata* N.E.Br. = **S. pillansii** var. **pillansii**

pillansii N.E.Br. var. **fontinalis** Nel

Perennial. Succulent. Ht 0.15–0.25 m. Alt ± 1000 m. WC

pillansii N.E.Br. var. **pillansii**

S. pillansii N.E.Br. var. *attenuata* N.E.Br. (1)

Perennial. Succulent. Ht 0.15–0.25 m. Alt 800–1200 m. WC

portae-taurinae Dinter & A. Berger = **S. similis**

praetermissa L.C. Leach var. **luteola** L.C. Leach

Perennial. Succulent. Ht 0.15–0.25 m. Alt up to 600 m. EC

praetermissa L.C. Leach var. **praetermissa**

Perennial. Succulent. Ht 0.15–0.25 m. Alt up to 600 m. EC

pruinosa Masson = **Quaqua pruinosa**

pulchella Masson = **Orbea pulchella**

pulchra Schult. = **Orbea verrucosa**

pulla Aiton = **Quaqua mammillaris**

pulvinata Masson

Perennial. Succulent. Ht up to 0.3 m. Alt? NC

punctata Masson = **Piранthus punctatus**

radiata Jacq. = **Duvalia elegans**

radiata Sims = **Duvalia caespitosa** var. **caespitosa**

ramosa Masson = **Quaqua ramosa**

reclinata Masson = **Duvalia caespitosa** var. **caespitosa**

remota R.A. Dyer

Perennial. Succulent. Ht 0.15–0.25 m. Alt ± 1200 m. N

replicata Jacq. = **Duvalia caespitosa** var. **caespitosa**

reticulata Masson = **Huernia reticulata**

revoluta Masson = **Tromotriche revoluta**

rogersii L. Bolus = **Orbea rogersii**

rubiginosa Nel

Perennial. Succulent. Ht 0.15–0.3 m. Alt 200–800 m. NC

rufa Masson

S. fissirostris Jacq. (1)

S. rufa Masson var. *attenuata* N.E.Br. (1)

Perennial. Succulent. Ht 0.15–0.25 m. Alt 500–1200 m. NC, WC

rufa Masson var. *attenuata* N.E.Br. = **S. rufa**

ruschiana Dinter = **Tromotriche ruschiana**

schinzii A. Berger & Schltr. var. **angolensis** Kers

Perennial. Succulent. Ht 0.15–0.25 m. Alt 1200–1650 m. N

- schinzii** A.Berger & Schltr. var. **bergeriana** (Dinter) L.C.Leach
S. bergeriana Dinter (1)
 Perennial. Succulent. Ht 0.15–0.25 m. Alt ± 1300 m. N
- schinzii** A.Berger & Schltr. var. **schinzii**
 Perennial. Succulent. Ht 0.15–0.25 m. Alt 800–2000 m. N
- scitula** L.C.Leach
 Perennial. Succulent. Ht 0.05–0.25 m. Alt 400–600 m. WC
- senilis** N.E.Br. = **S. grandiflora**
- similis** N.E.Br.
S. juttae Dinter (1)
S. noachabibensis C.A.Lückh. (1)
S. portae-taurinae Dinter & A.Berger (1)
 Perennial. Succulent. Ht 0.15–0.25 m. Alt 200–1600 m. N, NC
- spectabilis** Haw. = **S. grandiflora**
- stultitoides** C.A.Lückh. = **S. arenosa**
- surrecta** N.E.Br.
S. surrecta N.E.Br. var. *primosii* C.A.Lückh. (1)
 Perennial. Succulent. Ht 0.15–0.25 m. Alt 500–1000 m. WC
- surrecta** N.E.Br. var. *primosii* C.A.Lückh. = **S. surrecta**
- tapscottii** I.Verd. = **Orbea tapscottii**
- thudichumii** Pillans = **Tromotriche thudichumii**
- thuretii** (F.Cels) Croucher = **Huernia thuretii** var. **thuretii**
- tridentata** (N.E.Br.) Rüst = **Orbea namaquensis**
- tsoemoensis** N.E.Br.
 Perennial. Succulent. Ht ± 0.15 m. Alt? EC
- umbonata** Pillans = **Tridentea pachyrrhiza**
- unguipetala** N.E.Br. = **S. hirsuta**
- unicornis** C.A.Lückh.
 Perennial. Succulent. Ht 0.15–0.2 m. Alt 300–600 m. S, KZN
- vaga** N.E.Br. = **Orbea lutea** subsp. **vaga**
- variegata** L. = **Orbea variegata**
- verrucosa** Masson = **Orbea verrucosa**
- vetula** Masson
S. nudiflora Pillans (1)
 Perennial. Succulent. Ht 0.15–0.25 m. Alt 300–1000 m. WC
- villetiae** C.A.Lückh.
 Perennial. Succulent. Ht 0.15–0.25 m. Alt 800–1100 m. NC
- villosa** N.E.Br. = **S. hirsuta**
- virescens** N.E.Br. = **Tridentea virescens**
- wilmaniae** C.A.Lückh. = **S. leendertziae**
- woodii** N.E.Br. = **Orbea woodii**
- woodii** N.E.Br. var. *westii* R.A.Dyer = **Orbea woodii**
- youngii** N.E.Br. = **S. gigantea**
- STAPELIANTHUS** Choux 6885040
- baylissii** L.C.Leach = **Tromotriche baylissii**
- choananthus** (Lavranos & H.Hall) R.A.Dyer = **Tromotriche choanantha**

- STAPELIOPSIS** Pillans 6885020
 (1) Bruyns. 1981. *Cactus and Succulent Journal of Great Britain* 43: 61–83.
- breviloba** (R.A.Dyer) Bruyns
Pectinaria breviloba R.A.Dyer (1)
 Perennial. Dwarf succulent. Ht 10–50 mm. Alt 150–300 m. WC
- cooperi** (N.E.Br.) E.Phillips, illegitimate name = **Orbea cooperi**
- exasperata** (Bruyns) Bruyns
Pectinaria exasperata Bruyns (1)
 Perennial. Dwarf succulent. Ht 10–50 mm. Alt 800–1200 m. NC, WC
- neronis** Pillans
 Perennial. Succulent. Ht 0.05–0.15 m. Alt 200–1200 m. N, NC
- pillansii** (N.E.Br.) Bruyns
Pectinaria pillansii N.E.Br. (1)
 Perennial. Dwarf creeping succulent. Ht 20–30 mm. Alt 500–950 m. WC, EC
- saxatilis** (N.E.Br.) Bruyns
Pectinaria saxatilis N.E.Br. (1)
Pectinaria tulipiflora C.A.Lückh. (1)
 Perennial. Dwarf creeping succulent. Ht 10–30 mm. Alt 200–1000 m. NC, WC, EC
- stayneri** (M.B.Bayer) Bruyns
Pectinaria stayneri M.B.Bayer (1)
 Perennial. Dwarf creeping succulent. Ht 10–20 mm. Alt 10–100 m. WC
- urniflora** Lavranos
 Perennial. Dwarf succulent. Ht 10–30 mm. Alt 800–1700 m. N, NC
- STATHMOSTELMA** K.Schum. 6793000
 (1) Goyder. 1998. *Kew Bulletin* 53: 577–616.
 (2) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville, Durban.
- crassinerve** (N.E.Br.) Bullock = **Asclepias crassinervis**
- fornicatum** (N.E.Br.) Bullock subsp. **fornicatum**
Asclepias fornicata N.E.Br. (1)
 Perennial. Geophytic herb. Ht up to 0.6 m. Alt 700–1100(–2500) m. B
- STENOSTELMA** Schltr. 6789000
 (1) Kupicha. 1984. *Kew Bulletin* 38: 668.
 (2) Bruyns. 1995. *Bothalia* 25: 155–172.
 (3) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville, Durban.
- capense** Schltr.
Gomphocarpus stenoglossus Schltr. (3)
Krebsia stenoglossus (Schltr.) Schltr. (3)
Schizoglossum aciculare N.E.Br. (3)
Schizoglossum capense (Schltr.) H.Huber (3)
 Perennial. Geophytic herb. Ht 150–250 mm. Alt 900–1500 m. N, B, NW, G, M, FS, NC, EC
- corniculatum** (E.Mey.) Bullock
Gomphocarpus corniculatus (E.Mey.) D.Dietr. (3)
Krebsia corniculata (E.Mey.) Schltr. (3)
Lagarinthus corniculatus E.Mey. (3)
Schizoglossum corniculatum (E.Mey.) R.A.Dyer (3)
 Perennial. Geophytic herb. Ht 100–200 mm. Alt 400–1700 m. LIM, NW, G, M, S, FS, KZN, L, NC, EC

eminens (Harv.) Bullock = **Asclepias eminens**

STIGMATORHYNCHUS Schltr. 6911010

(1) Bruyns 1995. *Bothalia* 25: 155–172.

hereroensis Schltr.

Perennial. Small shrub. Ht 0.2–1 m. Alt 1000–1400 m.
N

STOMATOSTEMMA N.E.Br. 6741000

(1) Brown. 1907. *FC* 4: 530, 531.

(2) Venter & Verhoeven. 1993. *South African Journal of Botany* 59: 50–56.

monteiroae (Oliv.) N.E.Br.

Cryptolepis monteiroae Oliv. (1)

Perennial. Shrub, climber. Ht up to 10 m. Alt 20–1300 m. B, LIM, NW, M, S, KZN

STROPHANTHUS DC. 6688000

(1) Codd. 1963. *FSA* 26: 289–295.

(2) Codd. 1969. *The Flowering Plants of Africa* 40: t. 1561.

(3) Retief. 1972. *The Flowering Plants of Africa* 42: t. 1658.

(4) Beentje. 1982. *Mededelingen Landbouwhogeschool Wageningen* 82-4: 1–191.

(5) Beentje. 1985. *FZ* 7,2: 468–480.

amboensis (Schinz) Engl. & Pax

Perennial. Shrub. Ht 2–3 m. Alt 900–1500 m. N

gerrardii Stapf

Perennial. Climber. Ht 2–12 m. Alt 20–550 m. M, S, KZN

grandiflorus (N.E.Br.) Gilg = **S. petersianus**

kombe Oliv.

Perennial. Shrub, climber. Ht 1–4 m. Alt 0–1200 m. N, B, LIM

luteolus Codd

Perennial. Shrub, climber. Ht 2–8 m. Alt 30–1020 m.
LIM, KZN

petersianus Klotzsch

S. grandiflorus (N.E.Br.) Gilg (1)

Perennial. Shrub, climber. Ht 2–15 m. Alt 20–975 m.
LIM, KZN

speciosus (Ward & Harv.) Reber

Perennial. Shrub, climber. Ht 0.9–12 m. Alt 50–1750 m. LIM, M, KZN, EC

STULTITIA E.Phillips 6885010

conjuncta A.C.White & B.Sloane = **Orbea conjunctus**

cooperi (N.E.Br.) E.Phillips = **Orbea cooperi**

hardyi R.A.Dyer = **Orbea hardyi**

miscella (N.E.Br.) C.A.Lückh. = **Orbea miscella**

paradoxa I.Verd. = **Orbea paradoxa**

tapscottii (I.Verd.) E.Phillips = **Orbea tapscottii**

TABERNAEMONTANA L. 6603000

(1) Codd. 1963. *FSA* 26: 268–271.

(2) Jordaan. 1979. *The Flowering Plants of Africa* 45: t. 1798.

(3) Leeuwenberg. 1985. *FZ* 7,2: 438–444.

(4) Leeuwenberg. 1991. *A revision of Tabernaemontana: the Old World species*: 1–211.

elegans Stapf

Conopharyngia elegans (Stapf) Stapf (1)

Perennial. Tree, shrub. Ht 1.5–10 m. Alt 0–1370 m.
LIM, M, S, KZN

ventricosa Hochst. ex A.DC.

Conopharyngia ventricosa (Hochst. ex A.DC.) Stapf (1)

Perennial. Tree. Ht 2.2–12 m. Alt 0–850 m. LIM, M, KZN, EC

TACAZZEA Decne. 6730000

(1) Brown. 1907. *FC* 4: 540, 541.

(2) Bullock. 1955. *Kew Bulletin* 10: 349–373.

(3) Venter *et al.* 1990. *South African Journal of Botany* 56: 93–112.

apiculata Oliv.

Perennial. Liana. Ht up to 20 m. Alt 0–2000 m. N, B, LIM, M, S, KZN

natalensis (Schltr.) N.E.Br. = **Ischnolepis natalensis**

TAVARESIA Welw. 6880000

(1) Leach. 1974. *Kirkia* 9: 349–358.

barklyi (T.-Dyer) N.E.Br.

Decabelone barklyi T.-Dyer (1)

Decabelone grandiflora Dinter (1)

T. grandiflora (Dinter) A.Berger (1)

T. grandiflora K.Schum. (1)

Perennial. Succulent. Ht 0.15–0.3 m. Alt 500–1200 m.
N, B, LIM, FS, NC

grandiflora (Dinter) A.Berger = **T. barklyi**

grandiflora K.Schum. = **T. barklyi**

meintjesii R.A.Dyer

Decabelone meintjesii (R.A.Dyer) G.D.Rowley (1)

Perennial. Succulent. Ht? Alt? LIM

TELOSMA Coville 6917010

(1) Brown. 1908. *FC* 4: 775–777.

africana (N.E.Br.) N.E.Br.

Perennial. Climber. Ht 1–3 m. Alt? LIM, KZN

TENARIS E.Mey. 6921000

chlorantha Schltr. = **Brachystelma chloranthum**

christianeae (Peckover) J.E.Victor & Nicholas = **Brachystelma christianeae**

filifolia N.E.Br. = **Brachystelma filifolium**

rostrata N.E.Br. = **Brachystelma rubellum**

rubella E.Mey. = **Brachystelma rubellum**

schultzei (Schltr.) E.Phillips = **Brachystelma schultzei**

simulans N.E.Br. = **Brachystelma rubellum**

volkensii K.Schum. = **Brachystelma rubellum**

TRACHYCALYMMMA Bullock 6787020

cucullatum (Schltr.) Bullock = **Asclepias cucullata**

TRICHOCAULON N.E.Br. 6879000

alstonii N.E.Br. = **Hoodia alstonii**

annulatum N.E.Br. = **Hoodia pilifera** subsp. **annulata**

cactiforme (Hook.) N.E.Br. = **Larryleachia cactiformis**

cinereum Pillans in part = **Larryleachia perlata**

clavatum (Willd.) H.Huber (insufficiently known)

columnare Nel = **Notechidnopsis columnaris**

delaetianum Dinter = **Hoodia officinalis** subsp. **delaetiana**

dinteri A.Berger = **Larryleachia dinteri**

engleri Dinter = **Larryleachia meloformis**

felinum D.T.Cole in part = **Larryleachia felina**
flavum N.E.Br. = **Hoodia flava**
grande N.E.Br. = **Hoodia pilifera** subsp. **pillansii**
keetmanshoopense Dinter = **Larryleachia marlothii**
kubusense Nel = **Larryleachia perlata**
marlothii N.E.Br. = **Larryleachia marlothii**
meloforme Marloth = **Larryleachia meloformis**
officinale N.E.Br. = **Hoodia officinalis** subsp. **officinalis**
pedicellatum Schinz = **Hoodia pedicellata**
perlatum Dinter = **Larryleachia perlata**
pictum N.E.Br. = **Larryleachia picta**
piliferum (L.f.) N.E.Br. = **Hoodia pilifera** subsp. **pilifera**
pillansii N.E.Br. = **Hoodia pilifera** subsp. **pillansii**
pillansii N.E.Br. var. *major* N.E.Br. = **Hoodia pilifera**
 subsp. **pillansii**
pubiflorum Dinter = **Hoodia officinalis** subsp. **officinalis**
rusticum N.E.Br. = **Hoodia officinalis** subsp. **officinalis**
simile N.E.Br. = **Larryleachia similis**
sinus-luederitzii Dinter = **Larryleachia dinteri**
sociarum A.C.White & B.Sloane = **Larryleachia socia-**
rum

triebneri Nel = **Hoodia triebneri**

truncatum Pillans = **Larryleachia perlata**

TRIDENTEA Haw. 6885090

- (1) Leach. 1980. *Excelsa Taxonomic Series* 2: 1–68.
 (2) Bruyns. 1995. *South African Journal of Botany* 61: 180–208.

aperta (Masson) L.C.Leach = **Tromotriche aperta**
baylissii (L.C.Leach) L.C.Leach var. *baylissii* = **Tromo-**
triche baylissii

baylissii (L.C.Leach) L.C.Leach var. *ciliata* L.C.Leach
 = **Tromotriche baylissii**

choanantha (Lavranos & A.V.Hall) L.C.Leach = **Tromo-**
triche choanantha

dwequensis (C.A.Lückh.) L.C.Leach
Stapelia dwequensis C.A.Lückh. (1)
 Perennial. Succulent. Ht 30–120 mm. Alt 1000–1300
 m. NC

gemmaflora (Masson) Haw.
Stapelia gemmaflora Masson (1)
Stapelia gemmaflora Masson var. *densa* (N.E.Br.) N.E.Br. (1)
Stapelia gemmaflora Masson var. *hircosa* (Jacq.) N.E.Br. (1)
Stapelia hircosa Jacq. (1)
Stapelia hircosa Jacq. var. *densa* N.E.Br. (1)
 Perennial. Succulent. Ht 30–150 mm. Alt 150–1200
 m. NW, FS, NC, WC, EC

herrei (Nel) L.C.Leach = **Tromotriche herrei**

jucunda (N.E.Br.) L.C.Leach
Stapelia ausana Dinter & A.Berger ex Dinter (2)
Stapelia cincta Marloth (2)
Stapelia dinteri A.Berger (2)
Stapelia jucunda N.E.Br. (2)
Stapelia jucunda N.E.Br. var. *deficiens* N.E.Br. (2)
T. jucunda (N.E.Br.) L.C.Leach var. *cincta* (Marloth) L.C.Leach (2)
T. jucunda (N.E.Br.) L.C.Leach var. *dinteri* (A.Berger) L.C.Leach (2)
 Perennial. Succulent. Ht 30–120 mm. Alt 900–1700
 m. N, FS, NC

jucunda (N.E.Br.) L.C.Leach var. *cincta* (Marloth)
 L.C.Leach = **T. jucunda**

jucunda (N.E.Br.) L.C.Leach var. *dinter* (A.Berger)
 L.C.Leach = **T. jucunda**

longii (C.A.Lückh.) L.C.Leach = **Tromotriche longii**
longipes (C.A.Lückh.) L.C.Leach = **Tromotriche longi-**
pes

marientalensis (Nel) L.C.Leach subsp. **albipilosa** (Giess)
 L.C.Leach
Stapelia albipilosa Giess (1)
 Perennial. Succulent. Ht 20–200 mm. Alt 800–1600
 m. N

marientalensis (Nel) L.C.Leach subsp. **marientalensis**
Stapelia auobensis Nel (1)
Stapelia marientalensis Nel (1)
 Perennial. Succulent. Ht 20–200 mm. Alt 900–1400
 m. N, B, NC

pachyrrhiza (Dinter) L.C.Leach
Stapelia pachyrrhiza Dinter (1)
Stapelia umbonata Pillans (1)
 Perennial. Succulent. Ht 10–30 mm. Alt 5–50 m. N,
 NC

parvipuncta (N.E.Br.) L.C.Leach subsp. **parvipuncta**
Stapelia parvipuncta N.E.Br. (2)
 Perennial. Succulent. Ht 30–120 mm. Alt 800–1200
 m. NC, WC

parvipuncta (N.E.Br.) L.C.Leach subsp. **truncata**
 (C.A.Lückh.) Bruyns
Stapelia parvipuncta N.E.Br. var. *truncata* C.A.Lückh. (2)
T. parvipuncta (N.E.Br.) L.C.Leach var. *truncata* (C.A.Lückh.)
 L.C.Leach (2)
T. pusilla Frandsen (2)
 Perennial. Succulent. Ht 30–120 mm. Alt 300–700 m.
 WC

parvipuncta (N.E.Br.) L.C.Leach var. *truncata*
 (C.A.Lückh.) L.C.Leach = **T. parvipuncta** subsp.
truncata

peculiaris (C.A.Lückh.) L.C.Leach
Stapelia peculiaris C.A.Lückh. (1)
 Perennial. Succulent. Ht 30–120 mm. Alt 50–600 m.
 WC, NC

pedunculata (Masson) L.C.Leach = **Tromotriche pe-**
dunculata

pusilla Frandsen = **T. parvipuncta** subsp. **truncata**
ruschiana (Dinter) L.C.Leach = **Tromotriche ruschiana**
umdausensis (Nel) L.C.Leach = **Tromotriche umdaus-**
ensis

virescens (N.E.Br.) L.C.Leach
Stapelia aurea Dinter (1)
Stapelia virescens N.E.Br. (1)
 Perennial. Succulent. Ht 30–150 mm. Alt 900–1200
 m. N, NC, WC, EC

TROMOTRICHE Haw. 6885100

- (1) Bruyns. 1995. *South African Journal of Botany* 61: 180–208.

aperta (Masson) Bruyns
Caralluma aperta (Masson) N.E.Br. (1)
Caruncularia aperta (Masson) Sweet (1)
Stapelia aperta Masson (1)
Tridentea aperta (Masson) L.C.Leach (1)
 Perennial. Succulent. Ht 20–200 mm. Alt 100–600 m.
 N, NC

baylissii (L.C.Leach) Bruyns
Stapelianthus baylissii L.C.Leach (1)
Tridentea baylissii (L.C.Leach) L.C.Leach var. *baylissii* (1)
Tridentea baylissii (L.C.Leach) L.C.Leach var. *ciliata* L.C.Leach (1)

- Perennial. Trailing succulent. Length 0.15–3 m. Alt 250–900 m. EC
- choanantha** (Lavranos & H.Hall) Bruyns
Stapelia choanantha (Lavranos & H.Hall) R.A.Dyer (1)
Stapelianthus choananthus (Lavranos & H.Hall) R.A.Dyer (1)
Tridentea choanantha (Lavranos & H.Hall) L.C.Leach (1)
 Perennial. Trailing succulent. Length 0.15–3 m. Alt 400–600 m. WC
- engleriana** (Schltr.) L.C.Leach = **Stapelia engleriana**
- herrei** (Nel) Bruyns
Stapelia herrei Nel (1)
Stapelia neliana A.C.White & B.Sloane (1)
Tridentea herrei (Nel) L.C.Leach (1)
 Perennial. Succulent. Ht 0.15–0.3 m. Alt 500–700 m. NC
- longii** (C.A.Lückh.) Bruyns
Stapelia longii C.A.Lückh. (1)
Tridentea longii (C.A.Lückh.) L.C.Leach (1)
 Perennial. Trailing succulent. Length 0.15–1 m. Alt 500–800 m. EC
- longipes** (C.A.Lückh.) Bruyns
Stapelia longipes C.A.Lückh. var. *longipes* (1)
Stapelia longipes C.A.Lückh. var. *namaquensis* C.A.Lückh. (1)
Tridentea longipes (C.A.Lückh.) L.C.Leach (1)
 Perennial. Succulent. Ht 0.15–0.3 m. Alt 100–700 m. N, NC
- pedunculata** (Masson) Bruyns
Caruncularia pedunculata (Masson) Haw. (1)
Stapelia pedunculata Masson (1)
Tridentea pedunculata (Masson) L.C.Leach (1)
 Perennial. Succulent. Ht 0.15–0.3 m. Alt 500–1200 m. NC, WC
- pruinosa** (Masson) Haw. = **Quaqua pruinosa**
- revoluta** (Masson) Haw.
Stapelia revoluta Masson (1)
 Perennial. Succulent. Ht 0.15–0.5 m. Alt 100–700 m. NC, WC
- ruschiana** (Dinter) Bruyns
Stapelia ruschiana Dinter (1)
Tridentea ruschiana (Dinter) L.C.Leach (1)
 Perennial. Succulent. Ht 0.15–0.2 m. Alt 300–500 m. N
- thudichumii** (Pillans) L.C.Leach
Stapelia thudichumii Pillans (1)
 Perennial. Succulent. Ht 0.15–0.3 m. Alt 300–1200 m. WC
- umdausensis** (Nel) Bruyns
Caralluma umdausensis Nel (1)
Tridentea umdausensis (Nel) L.C.Leach (1)
 Perennial. Succulent. Ht 0.15–0.25 m. Alt 600–1000 m. N, NC
- TYLOPHORA** R.Br. 6899000
 (1) Brown. 1907–1909. *FC* 4: 315–418.
 (2) Bullock. 1964. *The Flowering Plants of Africa* 36: t. 1435.
 (3) Hilliard & Burtt. 1984. *Journal of South African Botany* 50,3: 336.
 (4) Bruyns. 1990. *Cimbebasia* 12: 161–166.
- anomala** N.E.Br.
 Perennial. Climber. Ht? Alt? KZN
- badia** (E.Mey.) Schltr. var. **badia**
 Perennial. Climber. Ht? Alt? EC?
- badia** (E.Mey.) Schltr. var. **latifolia** N.E.Br.
 Perennial. Climber. Ht? Alt up to 300 m. EC
- coddii** Bullock
 Perennial. Herb to shrub. Ht 0.3–0.6 m. Alt 1000–1600 m. LIM
- cordata** (Thunb.) Druce
T. syringifolia E.Mey. (2)
 Perennial. Climber. Ht? Alt? EC, WC
- flanaganii** Schltr.
 Perennial. Climber. Ht 1–5 m. Alt? LIM, M, KZN, EC
- fleckii** (Schltr.) N.E.Br.
 Perennial. Herb to shrub. Ht 0.3–0.8 m. Alt 1200–2350 m. N
- lycioides** (E.Mey.) Decne.
Diascia integrifolia Spreng. ex Eckl. (3)
 Perennial. Climber. Ht 1–5 m. Alt 300–700 m. LIM, M, S, KZN, EC
- simiana** Schltr.
 Perennial. Climber. Ht? Alt? EC
- syringifolia* E.Mey. = **T. cordata**
- umbellata** Schltr.
 Perennial. Climber. Ht? Alt? EC
- *VINCA** L. 6598000
 (1) Pichon. 1951. *Bulletin du Muséum National d'Histoire Naturelle* sér. 2, 23: 439–444.
 (2) Stearn. 2000. *European garden flora* 6: 38–40.
- major** L.
 Perennial. Herb, climber. Ht 0.4–4 m. Alt 500–1850 m. KZN, WC, EC
- VINCETOXICUM** Ruppium 6834030
capense (L.f.) Kuntze = **Pentatropis capensis**
- VOACANGA** Thouars 6612000
 (1) Codd. 1963. *FSA* 26: 273, 274.
 (2) Leeuwenberg. 1985. *FZ* 7,2: 434–438.
- dregei** E.Mey. = **V. thouarsii**
- thouarsii** Roem. & Schult.
V. dregei E.Mey. (1)
 Perennial. Tree. Ht 3–17 m. Alt 0–460 m. S, KZN, EC
- WOODIA** Schltr. 6790000
 (1) Brown. 1909. *FC* 4: 315–418.
 (2) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville, Durban.
- marginata** (E.Mey.) Schltr. = **W. mucronata**
- mucronata** (Thunb.) N.E.Br.
Asclepias mucronata Thunb. (1)
Gomphocarpus marginatus (E.Mey.) Decne. (2)
Gomphocarpus trifurcatus Schltr. (2)
Gomphocarpus undulatus Turcz. (2)
Pachycarpus marginatus E.Mey. (2)
W. marginata (E.Mey.) Schltr. (2)
W. mucronata (Thunb.) N.E.Br. var. *mucronata* (2)
W. mucronata (Thunb.) N.E.Br. var. *trifurcata* (Schltr.) N.E.Br. (2)
W. trifurcata (Schltr.) Schltr. (2)
W. trifurcata (Schltr.) Schltr. var. *planifolia* Schltr. (2)
Xysmalobium linguaeforme Harv. ex Weale (2)
Xysmalobium marginatum (E.Mey.) D.Dietr. (2)
 Perennial. Geophytic herb. Ht 150–250 mm. Alt 30–1500 m. EC
- mucronata** (Thunb.) N.E.Br. var. **mucronata** = **W. mucronata**
- mucronata** (Thunb.) N.E.Br. var. **trifurcata** (Schltr.) N.E.Br. = **W. mucronata**

singularis N.E.Br.

Perennial. Geophytic herb. Ht ± 400 mm. Alt ± 800 m.
LIM, M, S

trifurcata (Schltr.) Schltr. = **W. mucronata**

trifurcata (Schltr.) Schltr. var. *planifolia* Schltr. = **W. mucronata**

verruculosa Schltr.

Perennial. Geophytic herb. Ht 150–250 mm. Alt 600–1000 m. KZN

WRIGHTIA R.Br.

6689000

(1) Codd. 1963. *FSA* 26: 295, 296.

(2) Leeuwenberg. 1985. *FZ* 7,2: 480–482.

natalensis Stapf

Perennial. Tree, shrub. Ht 1.6–18 m. Alt 20–1250 m.
LIM, S, KZN

XYSMALOBIUM R.Br.

6777000

(1) Brown. 1909. *FC* 4: 315–418.

(2) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 215.

(3) Langley. 1980. *Taxonomic studies in the Asclepiadeae with particular reference to Xysmalobium R.Br. in southern Africa*. M.Sc. thesis, Pietermaritzburg.

(4) Nicholas. 1999. *A taxonomic reassessment of the subtribe Asclepiadinae (Asclepiadaceae) in southern Africa*. Ph.D. thesis. University of Durban-Westville.

acerateoides (Schltr.) N.E.Br.

Asclepias acerateoides (Schltr.) Schltr. (4)

Asclepias scabridifolia Schltr. (4)

Gomphocarpus acerateoides Schltr. (4)

Gomphocarpus ovatus Schltr. (4)

Perennial. Geophytic herb. Ht 380–760 mm. Alt 800–2280 m. LIM, M, S

albans (E.Mey.) D.Dietr. = **Asclepias albans**

ambiguum N.E.Br. = **X. undulatum**

amplifolium Weim. = **X. undulatum**

appendiculatum (E.Mey.) D.Dietr. = **Pachycarpus appendiculatus**

asperum N.E.Br.

Asclepias sulphurea in sense of S.Moore (4)

Gomphocarpus parviflorus Harv. ex Schltr. (4)

Perennial. Geophytic herb. Ht 150–300 mm. Alt 450–1830 m. NW, G, M, S, KZN

baurii N.E.Br.

Perennial. Geophytic herb. Ht 100–150 mm. Alt ± 1000 m. EC

brownianum S.Moore

Asclepias anisophylla Conrath & Schltr. (4)

Perennial. Geophytic herb. Ht 150–300 mm. Alt 183–1550 m. N, B, NW, G, FS, L

carinatum (Schltr.) N.E.Br.

Gomphocarpus carinatus (Schltr.) Schltr. (4)

Krebsia carinata Schltr. (4)

Perennial. Geophytic herb. Ht 200–250 mm. Alt 1350–1550 m. EC

concolor (E.Mey.) D.Dietr. = **Pachycarpus concolor**

confusum Scott-Elliot

Asclepias confusa (Scott-Elliot) Schltr. (4)

Asclepias rectinervis (Schltr.) Schltr. (4)

Gomphocarpus rectinervis Schltr. (4)

Perennial. Geophytic herb. Ht 0.3–1.2 m. Alt 425–1435 m. LIM, G, M, S, FS, KZN, EC

coronarium (E.Mey.) D.Dietr. = **Pachycarpus coronarius**

crispum (P.J.Bergius) D.Dietr. = **Asclepias crispa** var. **crispa**

dealbatum (E.Mey.) D.Dietr. = **Pachycarpus dealbatus**

dilatatum Weim. = **X. undulatum**

ensifolium (Burch. ex Scott-Elliot) N.E.Br. = **X. undulatum** var. **ensifolium**

fluviale Bruyns

Perennial. Geophytic herb. Ht 80–500 mm. Alt ± 750 m. WC

gerrardii Scott-Elliot

Asclepias ochroleuca (Schltr.) Schltr. (4)

Asclepias sulphurea in sense of Schltr. (4)

Gomphocarpus ochroleucus Schltr. (4)

Perennial. Geophytic herb. Ht 300–380 mm. Alt 180–1500 m. KZN, EC

gomphocarpoides (E.Mey.) D.Dietr. var. **gomphocarpoides**

Asclepias gomphocarpoides (E.Mey.) Schltr. (4)

Gomphocarpus longifolius Schltr. (4)

Pachycarpus gomphocarpoides E.Mey. (4)

Perennial. Geophytic herb. Ht 100–600 mm. Alt 450–2100 m. NW, FS, NC, WC, EC

gomphocarpoides (E.Mey.) D.Dietr. var. **parvilobum** Bruyns

Perennial. Geophytic herb. Ht 100–600 mm. Alt ± 60 m. NC, WC

grandiflorum (L.f.) R.Br. = **Pachycarpus grandiflorus** subsp. **grandiflorus**

humile (E.Mey.) D.Dietr. = **Asclepias humilis**

involutratum (E.Mey.) Decne.

Asclepias chloroglossa Schltr. (4)

Gomphocarpus involutratum (E.Mey.) D.Dietr. (4)

Lagarinthus involutratum E.Mey. (4)

Schizoglossum umbelluliferum Schltr. (4)

Perennial. Geophytic herb. Ht 40–400 mm. Alt 5–2150 m. NW, G, M, S, FS, KZN, L, NC, WC, EC

lapathifolium K.Schum., not of Decne. = **X. undulatum**

leucotrichum (Schltr.) N.E.Br. = **X. undulatum**

ligulatum D.Dietr. = **Pachycarpus dealbatus**

linguaeforme Harv. ex Weale = **Woodia mucronata**

marginatum (E.Mey.) D.Dietr. = **Woodia mucronata**

orbiculare (E.Mey.) D.Dietr.

Asclepias orbicularis (E.Mey.) Schltr. (4)

Gomphocarpus orbicularis (E.Mey.) Schltr. (4)

Gomphocarpus padifolius Baker (4)

Pachycarpus orbicularis E.Mey. (4)

X. padifolium (Baker) Scott-Elliot (4)

Perennial. Geophytic herb. Ht 0.3–1.3 m. Alt 60–610 m. S, KZN, EC

padifolium (Baker) Scott-Elliot = **X. orbiculare**

parviflorum Harv. ex Scott-Elliot

Asclepias pachyglossa (Schltr.) Schltr. (4)

Gomphocarpus pachyglossus Schltr. (4)

Perennial. Geophytic herb. Ht 120–320 mm. Alt 900–2100 m. LIM, G, M, FS, KZN, L, EC

pearsonii L.Bolus

Perennial. Geophytic herb. Ht 300–400 mm. Alt ± 1500 m. NC

pedunculatum Harv. = **X. prunelloides**

prismatostigma K.Schum. = **X. undulatum**

prunelloides Harv. = **X. prunelloides**

prunelloides Turcz.

Asclepias harveyana (Schltr.) Schltr. (4)
Gomphocarpus harveyanus Schltr. (4)
Gomphocarpus prunelloides (Turcz.) Schltr. (4)
X. pedunculatum Harv. (4)
X. prunelloides Harv. (4)

Perennial. Geophytic herb. Ht 150–350 mm. Alt 600–2440 m. EC

reflectens (E.Mey.) D.Dietr. = **Pachycarpus reflectens****rigidum** (E.Mey.) D.Dietr. = **Pachycarpus rigidus****stockenstromense** Scott-Elliot

Asclepias stockenstromensis (Scott-Elliot) Schltr. (3)
Gomphocarpus stockenstromensis (Scott-Elliot) Schltr. (3)

Perennial. Geophytic herb. Ht 100–800 mm. Alt 1200–2600 m. NW, G, M, FS, KZN, L, EC

trauseldii R.A.Dyer = **X. woodii****tysonianum** (Schltr.) N.E.Br.

Asclepias tysoniana Schltr. (4)
Gomphocarpus tysonianum (Schltr.) Schltr. (4)

Perennial. Geophytic herb. Ht 150–230 mm. Alt 1200–2685 m. KZN, L, EC

undulatum (L.) Aiton f. var. **ensifolium** Burch. ex Scott-Elliot

X. ensifolium (Burch. ex Scott-Elliot) N.E.Br. (3)

Perennial. Geophytic herb. Ht ± 1 m. Alt 1000–1300 m. N, B, NW, FS, NC, EC

undulatum (L.) Aiton f. var. **undulatum**

Asclepias undulata L. (2)
Gomphocarpus undulatus (L.) Schltr. (2)
X. ambiguum N.E.Br. (4)
X. amplifolium Weim. (4)
X. dilatatum Weim. (4)
X. lapathifolium K.Schum., not of Decne. (4)
X. leucotrichum (Schltr.) N.E.Br. (4)
X. prismatostigma K.Schum. (4)

Perennial. Geophytic herb. Ht 0.5–1.8 m. Alt 80–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

vexillare (E.Mey.) D.Dietr. = **Pachycarpus vexillaris****viridiflorum** (E.Mey.) D.Dietr. = **Asclepias dregeana** var. **dregeana****winterbergense** N.E.Br.

Perennial. Geophytic herb. Ht 100–130 mm. Alt ± 1050 m. EC

woodii N.E.Br.

X. trauseldii R.A.Dyer (4)

Perennial. Geophytic herb. Ht 150–350 mm. Alt 1370–1800 m. KZN, L

zeyheri N.E.Br.

Perennial. Geophytic herb. Ht 120–150 mm. Alt? WC, EC

AQUIFOLIACEAE

Compiled by M. Jordaan

ILEX L.

4614000

crocea Thunb. = **Elaeodendron croceum**

- (1) Mendes. 1966. *FZ* 2,2: 353–355.
- (2) Verdcourt. 1968. *FTEA* Aquifoliaceae: 1–4.
- (3) Andrews. 1994. *Bothalia* 24: 163–166.

capensis Sond. = **I. mitis** var. **mitis**

mitis (L.) Radlk. var. **mitis**

I. capensis Sond. (1)

Perennial. Tree or shrub. Ht 3–30 m. Alt 10–2130 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

ARALIACEAE

Compiled by M. Jordaan

CUSSONIA Thunb.

5872000

- (1) Sonder. 1862. *FC* 2: 568–570.
- (2) Strey. 1973. *Bothalia* 11: 191–201.
- (3) Strey. 1975. *Bothalia* 11: 515, 516.
- (4) Reyneke. 1984. *South African Journal of Botany* 3: 368–374.
- (5) Reyneke & Kok. 1987. *South African Journal of Botany* 53: 317–322.
- (6) De Winter. 1991. *The Flowering Plants of Africa* 51: t. 2024.

arenicola Strey

Perennial. Shrub. Ht 1–3 m. Alt 5–300 m. KZN

chartacea of authors, not of Schinz = **C. sphaerocephala**

chartacea Schinz = **Schefflera umbellifera**

gamtoosensis Strey

Perennial. Tree or shrub. Ht 2–4 m. Alt 0–500 m. EC

natalensis Sond.

Perennial. Tree. Ht 2–11 m. Alt 100–1640 m. LIM, M, S, KZN

nicholsonii Strey

Perennial. Tree or shrub. Ht 1–3 m. Alt 5–550 m. KZN

paniculata Eckl. & Zeyh. subsp. **paniculata**

C. paniculata Eckl. & Zeyh. var. *paniculata* (6)

Perennial. Tree. Ht 1–4 m. Alt 300–2000 m. KZN, NC, WC, EC

paniculata Eckl. & Zeyh. subsp. **sinuata** (Reyneke & Kok) De Winter

C. paniculata Eckl. & Zeyh. var. *sinuata* Reyneke & Kok (6)

Perennial. Tree. Ht 2–5 m. Alt 900–1980 m. B, LIM, NW, G, M, S, FS, KZN, L

paniculata Eckl. & Zeyh. var. *paniculata* = **C. paniculata** subsp. **paniculata**

paniculata Eckl. & Zeyh. var. *sinuata* Reyneke & Kok = **C. paniculata** subsp. **sinuata**

sphaerocephala Strey

C. chartacea of authors, not of Schinz (2)

Perennial. Tree. Ht 10–25 m. Alt 0–800 m. KZN, EC

spicata Thunb.

Perennial. Tree. Ht 3–17 m. Alt 5–1800 m. LIM, NW, G, M, S, KZN, L, WC, EC

thyrsiflora Thunb.

Perennial. Tree or shrub. Ht 0.75–3 m. Alt 5–490 m.
WC, EC

transvaalensis Reyneke

Perennial. Tree. Ht 2–5 m. Alt 900–1700 m. LIM, NW, G, M

umbellifera Sond. = **Schefflera umbellifera**

zuluensis Strey

Perennial. Tree. Ht 2–6 m. Alt 10–1000 m. M, S, KZN

SCHEFFLERA J.R.Forst. & G.Forst. 5852000

- (1) Strey. 1973. *Bothalia* 11: 191–201.
(2) Cannon. 1978. *FZ* 4: 622–625.

umbellifera (Sond.) Baill.

Cussonia chartacea Schinz (1)
Cussonia umbellifera Sond. (2)

Perennial. Tree. Ht 3–15 m. Alt 60–1980 m. LIM, M,
S, KZN, EC

SEEMANNARALIA R.Vig. 5872010

- (1) Burt & Dickson. 1975. *Notes from the Royal Botanic Garden Edinburgh* 33: 449–464.

gerrardii (Seem.) Harms

Perennial. Tree. Ht 2–15 m. Alt 610–1830 m. LIM, M,
KZN, EC

ARISTOLOCHIACEAE

Compiled by M. Jordaan

ARISTOLOCHIA L. 2174000

- (1) Burt Davy. 1926. *A manual of the flowering plants and ferns of the Transvaal with Swaziland* 1: 114, 115.
(2) Verdcourt. 1986. *FTEA* Aristolochiaceae: 1–11.
(3) Stannard. 1997. *FZ* 9,2: 19–24.

albida Duch.

A. bainesii Burt Davy (2)

Perennial. Climber. Ht 1–10 m. Alt 0–600 m. N

bainesii Burt Davy = **A. albida**

***elegans** Mast.

Perennial. Climber. Ht 1–3 m. Alt? LIM, M, KZN

ASTERACEAE

Compiled by P.P.J. Herman, W.G. Welman, E. Retief, M. Koekemoer & N. Netnou

Note: grey shading contains some names not validly published and associated information.

ACANTHOTHECA DC. 9425030

integrifolia DC. = **Dimorphotheca sinuata**

pinnatisecta DC. = **Osteospermum pinnatum** var. **pinnatum**

***ACANTHOSPERMUM** Schrank 9130000

Compiled by N. Netnou

- (1) Hilliard. 1977. *Compositae in Natal*: 292–294.

australe (Loefl.) Kuntze

A. brasilum Schrank (1)

Annual or perennial? Herb, prostrate. Length 0.15–0.8 m. Alt 945–1600 m. LIM, G, M, S, KZN, EC

australe of authors, not of (Loefl.) Kuntze, concept invalid = **A. glabratum**

brasilum Schrank = **A. australe**

glabratum (DC.) Wild

A. australe of authors, not of (Loefl.) Kuntze, concept invalid (1)

A. xanthoides (Kunth) DC. var. *glabratum* DC. (1)

Annual, occ. perennial. Herb. Length up to 0.6 m. Alt up to 1800 m. LIM, NW, G, M, S, FS, KZN, L, NC, EC

hispidum DC.

Annual. Herb. Ht 0.3–1.3 m. Alt 40–1525 m. N, B, LIM, NW, G, M, S, KZN

xanthoides (Kunth) DC. var. *glabratum* DC. = **A. glabratum**

***ACHILLEA** L. 9332000

Compiled by P.P.J. Herman

- (1) Hilliard. 1977. *Compositae in Natal*: 345, 346.

millefolium L.

A. millefolium L. subsp. *lanulosa* (Nutt.) Piper (1)

A. millefolium L. var. *lanulosa* (Nutt.) Piper & Beattie (1)

Perennial. Herb. Ht up to 0.5 m. Alt up to 1920 m. B, G, M, KZN, EC

millefolium L. subsp. *lanulosa* (Nutt.) Piper = **A. millefolium**

millefolium L. var. *lanulosa* (Nutt.) Piper & Beattie = **A. millefolium**

ACHYROCLINE (Less.) DC. 8994010

stenoptera (DC.) Hilliard & B.L.Burt = **Helichrysum stenopterum**

ADENACHAENA DC. 9336010

leptophylla DC. = **Phymaspermum leptophyllum**

parvifolia DC. = **Phymaspermum parvifolium**

ADENANTHELLUM B.Nord. 9341050

Compiled by P.P.J. Herman

- (1) Nordenstam. 1976. *Botaniska Notiser* 129: 157–160.

- (2) Nordenstam. 1979. *Botaniska Notiser* 132: 160.

osmitoides (Harv.) B.Nord.

Adenanthemum osmitoides (Harv.) B.Nord. (2)
Chrysanthemum osmitoides Harv. (2)
 Perennial. Herb. Ht 0.25–0.7 m. Alt up to 1830 m. M,
 S, KZN

ADENANTHEMUM B.Nord. 9341060
osmitoides (Harv.) B.Nord. = **Adenanthellum osmi-**
toides

ADENOGLOSSA B.Nord. 9341010
 Compiled by P.P.J. Herman
 (1) Nordenstam. 1976. *Botaniska Notiser* 129: 137–140.
decurrens (Hutch.) B.Nord.
Chrysanthemum decurrens Hutch. (1)
 Annual. Herb. Ht 0.04–0.2 m. Alt 90–1372 m. NC

ADENOGONUM Welw. 8861010
decumbens Welw. ex Hiern = **Engleria decumbens**

ADENOSTEMMA J.R.Forst. 8785000
 & G.Forst.
 Compiled by E. Retief
 (1) Hilliard. 1977. *Compositae in Natal*: 47–50.
 (2) King & Robinson. 1987. *Monographs in systematic botany from the Missouri Botanical Garden* 22: 58–60.

caffrum DC.
 Annual. Herb, hydrophyte. Ht 1–1.5 m. Alt 20–1450
 m. N, B, LIM, NW, G, M, S, KZN, EC
dregei DC. = **A. viscosum**
natalense DC. = **A. viscosum**
perrottetii DC. = **A. viscosum**
viscosum J.R.Forst. & G.Forst.
A. dregei DC. (2)
A. natalense DC. (2)
A. perrottetii DC. (2)
 Annual. Herb. Ht ± 0.5 m. Alt 7–1300 m. M, KZN

ADVENTINA Raf. 9610000
ciliata Raf. = **Galinsoga ciliata**

AGATHAEA Cass. 8919030
amelloides (L.) DC. = **Felicia amelloides**
amelloides (L.) DC. var. *kraussii* (Sch.Bip.) Sch.Bip. =
Felicia aethiopica subsp. **aethiopica**
amoena Sch.Bip. = **Felicia amoena** subsp. **amoena**
barbata DC. = **Felicia ovata**
barbata DC. var. *subalbescens* DC. = **Felicia ovata**
bergeriana (Spreng.) DC. = **Felicia bergeriana**
brevifolia DC. = **Felicia brevifolia**
coelestis Cass. = **Felicia amelloides**
corymbosa Turcz. = **Gymnostephium corymbosum**
diffusa DC. = **Felicia diffusa** subsp. **diffusa**
ecklonis (Less.) Nees = **Felicia aethiopica** subsp. **eck-**
lonis
elongata (Thunb.) Nees = **Felicia elongata**
hispida DC. = **Felicia hispida**
hispida DC. var. *barbigera* DC. = **Felicia hispida**
hirta DC. = **Felicia aculeata**

kraussii Sch.Bip. = **Felicia aethiopica** subsp. **aethiopica**
linifolia (L.) G.Don ex Loud. = **Euryops linifolius**
microphylla Cass. = **Felicia aethiopica** subsp. **aethiopica**
natalensis Sch.Bip. = **Felicia rosulata**
rotundifolia (Thunb.) Nees = **Felicia amelloides**
scabrida DC. = **Felicia scabrida**
serrata (Thunb.) Nees = **Felicia serrata**
stricta DC. = **Felicia amoena** subsp. **stricta**
strigosa (A.Spreng.) Nees = **Felicia ovata**
tenera DC. = **Felicia tenera**
tricolor Nees = **Felicia elongata**
zeyheri Nees = **Felicia linifolia**

***AGERATINA** Spach 8816030
 Compiled by E. Retief

(1) Hilliard. 1977. *Compositae in Natal*: 52–54.
 (2) King & Robinson. 1987. *Monographs in systematic botany from the Missouri Botanical Garden* 22: 428–436.
 (3) Henderson. 2001. *Alien weeds and invasive plants*: 38.
adenophora (Spreng.) R.M.King & H.Rob.
Eupatorium adenophorum Spreng. (2)
 Perennial. Shrub, herb. Ht 1–2 m. Alt 200–1000 m. G,
 KZN, WC

altissima (L.) R.M.King & H.Rob.
Eupatorium rugosum Houtt. (2)
 Perennial. Herb. Ht 1–2 m. Alt ± 1100 m. LIM

riparia (Regel) R.M.King & H.Rob.
Eupatorium riparium Regel (2)
 Perennial. Herb. Ht ± 1 m. Alt ± 700 m. KZN

***AGERATUM** L. 8795000
 Compiled by E. Retief

(1) Hilliard. 1977. *Compositae in Natal*: 50, 51.
 (2) King & Robinson. 1987. *Monographs in systematic botany from the Missouri Botanical Garden* 22: 142–145.
 (3) Henderson. 2001. *Alien weeds and invasive plants*: 39.

conyzoides L.
 Annual. Herb. Ht 0.3–1 m. Alt 3–800 m. B, LIM, M,
 S, KZN, EC

houstonianum Mill.
A. mexicanum Sims (2)
 Annual. Herb. Ht 0.3–1 m. Alt 5–1980 m. LIM, NW,
 M, S, KZN, EC

mexicanum Sims = **A. houstonianum**

ALATOSETA Compton 9090010
 Compiled by P.P.J. Herman

(1) Compton. 1931. *Transactions of the Royal Society of South Africa* 19: 314.

tenuis Compton
 Annual. Herb. Ht ± 0.15 m. Alt 450–900 m. WC

ALCIOPE DC. 9391000

lanata (Thunb.) DC. = **Capelio tomentosa**
tabularis (Thunb.) DC. = **Capelio tabularis**

***AMBROSIA** L. 9146000
 Compiled by N. Netnou

(1) Hansen. 1976. *Flora europaea* 4: 142, 143.
 (2) Hilliard. 1977. *Compositae in Natal*: 295–297.

artemisiifolia L.*A. maritima* in sense of Wild, misapplied name (2)

Annual. Herb. Ht up to 2 m. Alt 2–1750 m. LIM, NW, G, M, KZN, NC

maritima in sense of Wild, misapplied name = **A. artemisiifolia****psilostachya** DC.

Perennial. Herb. Ht up to 1 m. Alt ± 15 m. NW, G, FS, KZN, EC

tenuifolia Spreng.

Annual. Herb. Ht up to 0.3 m. Alt ± 30 m. EC

AMELLUS L.

8887000

Compiled by P.P.J. Herman

(1) Rommel. 1977. *Mitteilungen der Botanischen Staatssammlung München* 13: 579–728.**alternifolius** Roth subsp. **alternifolius***A. annuus* Willd. (1)*A. hispidus* DC. (1)

Annual, occ. perennial. Herb. Ht 0.3–0.8 m. Alt 930–1830 m. NC

alternifolius Roth subsp. **angustissimus** (DC.) Rommel*A. hispidus* DC. var. *angustissimus* DC. (1)

Perennial. Herb. Ht up to 0.3 m. Alt? NC, WC

annuus Willd. = **A. alternifolius** subsp. **alternifolius***arenarius* S.Moore = **A. tridactylus** subsp. **arenarius****asteroides** (L.) Druce subsp. **asteroides***A. lychnitidis* in sense of Harv. in part (1)*A. lychnitidis* L. (1)*Verbesina asteroides* L. (1)

Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 3–200 m. WC

asteroides (L.) Druce subsp. **mollis** Rommel*A. lychnitidis* L. var. *flosculosus* Benth. ex Harv. in part (1)

Perennial. Shrub. Ht ± 0.35 m. Alt 1–15 m. WC

capensis (Walp.) Hutch.*A. lychnitidis* L. var. *flosculosus* Benth. ex Harv. in part (1)*Haenelia capensis* Walp. (1)

Perennial. Herb. Ht 0.2–0.35 m. Alt? WC

coilopodius DC.

Annual. Herb. Ht 0.1–0.25 m. Alt? NC

epaleaceus O.Hoffm.*Susanna epaleacea* (O.Hoffm.) E.Phillips (1)

Annual. Herb. Ht 0.01–0.1 m. Alt 1–800 m. N, NC

flosculosus DC.*A. hispidus* DC. var. *flosculosus* (DC.) Harv. (1)*Pegolettia arenicola* Dinter ex Range (1)

Perennial. Herb or dwarf shrub. Ht 0.15–0.4 m. Alt ± 500 m. N, NC

hispidus DC. = **A. alternifolius** subsp. **alternifolius***hispidus* DC. var. *angustissimus* DC. = **A. alternifolius** subsp. **angustissimus***hispidus* DC. var. *flosculosus* (DC.) Harv. = **A. flosculosus***humilis* Heering = **A. tridactylus** subsp. **arenarius***lychnitis* in sense of Harv. in part = **A. asteroides** subsp. **asteroides***lychnitis* in sense of Harv. in part = **A. tenuifolius***lychnitis* L. = **A. asteroides** subsp. **asteroides***lychnitis* L. var. *flosculosus* Benth. ex Harv. in part = **A. asteroides** subsp. **mollis***lychnitis* L. var. *flosculosus* Benth. ex Harv. in part = **A. capensis****microglossus** DC.*Susanna microglossa* (DC.) E.Phillips (1)

Annual. Herb. Ht 0.15–0.25 m. Alt 270–900 m. NC, WC

nanus DC.

Annual. Herb. Ht 0.1–0.3 m. Alt up to 360 m. N, NC

reductus Rommel

Annual. Herb. Ht 0.05–0.1 m. Alt? N, B

scabridus DC. = **A. strigosus** subsp. **scabridus****strigosus** (Thunb.) Less. subsp. **pseudoscabridus** Rommel

Annual. Herb. Ht 0.05–0.1 m. Alt 240–1000 m. EC

strigosus (Thunb.) Less. subsp. **scabridus** (DC.) Rommel*A. scabridus* DC. (1)

Annual. Herb. Ht 0.05–0.1 m. Alt up to 245 m. WC

strigosus (Thunb.) Less. subsp. **strigosus***A. strigosus* (Thunb.) Less. var. *thunbergii* Harv. in part (1)*A. strigosus* (Thunb.) Less. var. *tridactylus* (DC.) Harv. in part (1)*A. strigosus* (Thunb.) Less. var. *willdenovii* Harv. in part (1)*Aster strigosus* Thunb. (1)

Annual. Herb. Ht 0.05–0.1 m. Alt 15–2380 m. NC, WC, EC

strigosus (Thunb.) Less. var. *thunbergii* Harv. in part = **A. strigosus** subsp. **strigosus***strigosus* (Thunb.) Less. var. *thunbergii* Harv. in part = **A. tridactylus** subsp. **olivaceus***strigosus* (Thunb.) Less. var. *thunbergii* Harv. in part = **A. tridactylus** subsp. **tridactylus***strigosus* (Thunb.) Less. var. *tridactylus* (DC.) Harv. in part = **A. strigosus** subsp. **strigosus***strigosus* (Thunb.) Less. var. *tridactylus* (DC.) Harv. in part = **A. tridactylus** subsp. **olivaceus***strigosus* (Thunb.) Less. var. *tridactylus* (DC.) Harv. in part = **A. tridactylus** subsp. **tridactylus***strigosus* (Thunb.) Less. var. *willdenovii* Harv. in part = **A. strigosus** subsp. **strigosus***strigosus* (Thunb.) Less. var. *willdenovii* Harv. in part = **A. tridactylus** subsp. **olivaceus***strigosus* (Thunb.) Less. var. *willdenovii* Harv. in part = **A. tridactylus** subsp. **tridactylus****tenuifolius** Burm.*A. lychnitidis* in sense of Harv. in part (1)

Perennial. Herb. Ht 0.3–0.6 m. Alt 30–700 m. NC, WC

tridactylus DC. subsp. **arenarius** (S.Moore) Rommel*A. arenarius* S.Moore (1)*A. humilis* Heering (1)

Annual. Herb. Ht 0.1–0.2 m. Alt 650–900 m. N, NC

tridactylus DC. subsp. **olivaceus** Rommel*A. strigosus* (Thunb.) Less. var. *thunbergii* Harv. in part (1)*A. strigosus* (Thunb.) Less. var. *tridactylus* (DC.) Harv. in part (1)*A. strigosus* (Thunb.) Less. var. *willdenovii* Harv. in part (1)

Annual. Herb. Ht up to 0.07 m. Alt 400–1821 m. NC, WC

tridactylus DC. subsp. **tridactylus***A. strigosus* (Thunb.) Less. var. *thunbergii* Harv. in part (1)*A. strigosus* (Thunb.) Less. var. *tridactylus* (DC.) Harv. in part (1)*A. strigosus* (Thunb.) Less. var. *willdenovii* Harv. in part (1)

- Leysera tridactyla* E.Mey ex DC. (1)
Annual. Herb. Ht 0.02–0.15 m. Alt 1150–1920 m. FS, NC, EC
- AMPHIDOXIA** DC. 8972000
adscendens O.Hoffm. ex Zahlbr. = **Gnaphalium griquense**
engleriana O.Hoffm. = **Gnaphalium englerianum**
filaginea Ficalho & Hiern = **Gnaphalium filagopsis**
filaginea Ficalho & Hiern var. *transiens* Merxm. = **Gnaphalium filagopsis**
glandulosa Klatt = **Denekia capensis**
gnaphalodes DC. = **Gnaphalium gnaphalodes**
lasiocephala O.Hoffm. = **Artemisiopsis villosa**
villosa O.Hoffm. = **Artemisiopsis villosa**
- AMPHIGLOSSA** DC. 9046000
Compiled by M. Koekemoer
(1) Koekemoer. 1999. *Bothalia* 29: 65–75.
alopecuroides Sch.Bip. = **Stoebe alopecuroides**
callunoides DC.
Perennial. Shrub. Ht 0.2–0.5 m. Alt 0–100 m. WC, EC
celans Koekemoer
Perennial. Subshrub, scrambler. Ht 0.2–0.3 m. Alt 100–200 m. NC, WC
corrudifolia DC.
Perennial. Shrub. Ht 0.2–0.4 m. Alt 300–600 m. NC, WC
grisea Koekemoer
Perennial. Shrub, dwarf shrub. Ht 0.2–0.3 m. Alt 300–900 m. WC
kolbei Bolus = **Laevicarpa kolbei**
perotrichoides DC.
Pterothrix perotrichoides (DC.) Harv. (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.3 m. Alt 300–1300 m. WC
rudolphii Koekemoer
Perennial. Shrub. Ht 0.4–1.2 m. Alt 400–700 m. NC, WC
susannae Koekemoer
Perennial. Shrub, dwarf shrub. Ht 0.2–0.5 m. Alt 900–1200 m. WC
tecta (Brusse) Koekemoer
Pterothrix tecta Brusse (1)
Perennial. Shrub. Ht 0.3–0.6 m. Alt 1100–1300 m. NC
thuja (Merxm.) Koekemoer
Pterothrix thuja Merxm. (1)
Pterothrix trifurcata C.A.Sm. ex Merxm. (1)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 500–600 m. N
tomentosa (Thunb.) Harv.
Athrixia tomentosa (Thunb.) Less. (1)
Pteronia engleriana Muschl. (1)
Pterothrix engleriana (Muschl.) Hutch. & E.Phillips (1)
Pterothrix flaccida Schltr. ex Hutch. & E.Phillips (1)
Pterothrix tomentosa DC. (1)
Relhania tomentosa Thunb. (1)
Perennial. Shrub, dwarf shrub. Ht 0.1–0.6 m. Alt 300–1100 m. N, NC, WC
triflora DC.
Helichrysum armatum Dinter ex Merxm., naked name (1)
Pterothrix spinescens DC. (1)

- Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 900–1400 m. N, NW, G, M, FS, L, NC, WC, EC
- ANACYCLUS** L. 9331000
australis Spreng. = **Cotula australis**
- ANAGLYPHA** DC. 9049000
acicularis Benth. = **Oxylaena acicularis**
aspera DC. = **Gibbaria scabra**
latifolia S.Moore = **Anisopappus latifolius**
- ANAPHALIS** DC. 8983000
oligandra DC. = **Pseudognaphalium oligandrum**
- ANAXETON** Gaertn. 8998000
Compiled by P.P.J. Herman
(1) Lundgren. 1972. *Opera Botanica* 31: 5–59.
(2) Nordenstam. 1988. *South African Journal of Botany* 54: 631, 632.
angustifolium Lundgren
Perennial. Suffrutex. Ht up to 0.6 m. Alt 1500–2500 m. WC
arborescens (L.) Less.
A. arboreum (L.) Gaertn. (1)
A. floridum Poir. (1)
A. recurvum (Lam.) DC. (1)
Gnaphalium arborescens L. (1)
Gnaphalium arboreum L. (1)
Gnaphalium floridum Poir. (1)
Gnaphalium recurvum Lam. (1)
Perennial. Suffrutex. Ht up to 0.45 m. Alt 700–1100 m. WC
arboreum (L.) Gaertn. = **A. arborescens**
asperum (Thunb.) DC. subsp. **asperum**
A. asperum (Thunb.) DC. var. *asperum* (1)
Gnaphalium asperum Thunb. (1)
Gnaphalium stenocladon Schrank (1)
Perennial. Suffrutex. Ht 0.2–0.5 m. Alt 30–1200 m. WC
asperum (Thunb.) DC. subsp. **pauciflorum** Lundgren
Perennial. Suffrutex. Ht 0.2–0.3 m. Alt 450–1725 m. WC
asperum (Thunb.) DC. var. *asperum* = **A. asperum** subsp. **asperum**
asperum (Thunb.) DC. var. *laeve* Harv. = **A. laeve**
brevipes Lundgren
Perennial. Suffrutex. Ht up to 0.3 m. Alt 1000–1600 m. WC
canescens (DC.) Benth. & Hook. ex B.D.Jacks. = **Langebergia canescens**
ellipticum Lundgren
Perennial. Suffrutex. Ht up to 0.6 m. Alt 1000–1400 m. WC
floridum Poir. = **A. arborescens**
hirsutum (Thunb.) Less.
Gnaphalium hirsutum Thunb. (1)
Perennial. Suffrutex. Ht up to 0.3 m. Alt 550–1500 m. WC
laeve (Harv.) Lundgren
A. asperum (Thunb.) DC. var. *laeve* Harv. (1)

Perennial. Suffrutex. Ht 0.35–0.76 m. Alt 5–600 m.
WC

lundgrenii B.Nord.

Perennial. Suffrutex. Ht 0.15–0.25 m. Alt 305–915 m.
WC

nycthemerum Less.

Perennial. Suffrutex. Ht up to 0.5 m. Alt 600–1100 m.
WC

recurvum (Lam.) DC. = **A. arborescens**

septentrionalis Vatke = **Helichryopsis septentrionale**
virgatum DC.

Perennial. Suffrutex. Ht 0.15–0.6 m. Alt 150–900 m.
WC

ANDERBERGIA B.Nord. 8998010

Compiled by P.P.J. Herman

- (1) Hilliard & Burtt. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40: 270, 271.
- (2) Hilliard. 1993. *Edinburgh Journal of Botany* 50: 181, 182.
- (3) Nordenstam. 1996. *Annalen des Naturhistorischen Museums in Wien* 98B Suppl.: 403–418.

elsiae B.Nord.

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 900–915 m.
WC

epaleata (Hilliard & B.L.Burtt) B.Nord.

Petalacte epaleata Hilliard & B.L.Burtt (3)
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 1220–
1525 m. WC

fallax B.Nord.

Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 1000–1067
m. WC

rooibergensis B.Nord.

Perennial. Shrub. Ht up to 0.8 m. Alt 1220–1403 m.
WC

ustulata B.Nord.

Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 1000–1220
m. WC

vlokii (Hilliard) B.Nord.

Petalacte vlokii Hilliard (3)
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 1000–1281
m. WC

ANISOCHAETA DC. 9068000

Compiled by P.P.J. Herman

- (1) Hilliard. 1977. *Compositae in Natal*: 278, 279.

mikanioides DC.

Perennial. Shrub, climber. Ht? Alt up to 600 m. KZN

ANISOPAPPUS Hook. & Arn. 9096000

Compiled by E. Retief

- (1) Oliver & Hiern. 1877. *FTA* 3: 369.
- (2) Wild. 1964. *Kirkia* 4: 45–73.
- (3) Merxmüller. 1967. *FSWA* 139: 23.
- (4) Burtt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37: 294, 295.
- (5) Ortíz & Paiva. 1995. *Botanical Journal of the Linnean Society* 117: 39–46.
- (6) Eldenäs & Anderberg. 1996. *Plant Systematics and Evolution* 199: 167–192.

junodii Hutch.

Perennial. Shrub. Ht 1–2 m. Alt 760–1900 m. LIM

latifolius (S.Moore) B.L.Burtt

Anaglypha latifolia S.Moore (4)

Annual. Herb. Ht ± 0.2 m. Alt 2000–2115 m. M

pinnatifidus (Klatt) O.Hoffm. ex Hutch.

A. triloba (Klatt) O.Hoffm. ex Merxm. (3)
Athanasia triloba Klatt (2)
Eenia damarensis Hiern & S.Moore (2)
Matricaria pinnatifida Klatt (2)
Senecio aschersonianus Muschl. ex Dinter (3)
Senecio oreophilus Muschl. ex Dinter (3)
Perennial. Herb. Ht 0.45–1.2 m. Alt 915–1826 m. N

pseudopinnatifidus S.Ortíz & Paiva

Perennial. Herb. Ht ± 1 m. Alt ± 1500 m. N

smutsii Hutch.

Perennial. Shrub. Ht 0.75–1.5 m. Alt 915–1705 m. M,
S, KZN

triloba (Klatt) O.Hoffm. ex Merxm. = **A. pinnatifidus**

ANISORAMPHUS DC. 9605020

hypochaerideus DC. = **Crepis hypochaeridea**

ANISOTHRIX O.Hoffm. 9072000

Compiled by P.P.J. Herman

- (1) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 385, 386.
- (2) Anderberg. 1988. *Botanische Jahrbücher* 109: 366–371.

integra (Compton) Anderb.

Iphiona integra Compton (2)
Perennial. Dwarf shrub. Ht up to 0.25 m. Alt 1000–
1500 m. WC

kuntzei O.Hoffm.

Iphiona dentata (Bolus) Bolus (2)
Pegoletia dentata Bolus (2)
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 500–1000
m. WC

***ANTHEMIS** L. 9330000

Compiled by P.P.J. Herman

- (1) Hilliard. 1977. *Compositae in Natal*: 343, 344.

afra L. = **Osmitopsis afra**

arvensis L.

Annual. Herb. Ht up to 0.5 m. Alt 1000–1500 m. KZN

cotula L.

Annual. Herb. Ht 0.22–0.6 m. Alt 30–2100 m. NW, G,
M, KZN, NC?, WC, EC

fruticosa L. = **Relhania fruticosa**

ANTIPHONA Merxm. 9065010

Compiled by P.P.J. Herman

- (1) Merxmüller. 1967. *FSWA* 139: 24.
- (2) Anderberg. 1991. *Plant Systematics and Evolution* 176: 107.

fragrans (Merxm.) Merxm.

Iphiona fragrans Merxm. (1, 2)
Perennial. Shrub. Ht 0.45–1.5 m. Alt up to 1850 m. N

pinnatisecta (S.Moore) Merxm.

Homochaete dinteriana Muschl. ex Dinter (1)
Iphiona pinnatisecta S.Moore (1, 2)
Perennial. Shrub. Ht 0.5–1.5 m. Alt up to 1525 m. N

ANTITHRIXIA DC. 9056000

Compiled by P.P.J. Herman

- (1) Bremer. 1978. *Botaniska Notiser* 131: 452, 453.

flavicomma DC.

Perennial. Shrub. Ht 0.38–0.6 m. Alt 640–670 m. NC

ANTUNESIA O.Hoffm. 9374000*angolensis* (O.Hoffm.) O.Hoffm. = **Distephanus angolensis****APHELEXIS** D.Don 9006030*fasciculata* (Andrews) D.Don = **Edmondia fasciculata filiformis** D.Don = **Edmondia sesamoides***humilis* (Andrews) D.Don = **Edmondia pinifolia***sesamoides* (L.) D.Don = **Edmondia sesamoides****ARCTOTHECA** J.C.Wendl. 9432020

Compiled by E. Retief

- (1) Britten. 1916. *Journal of Botany, London* 54: 61.
- (2) Lewin. 1922. *Feddes Repertorium*, Beiheft 11: 1–95.
- (3) Hilliard. 1977. *Compositae in Natal*: 541–543.
- (4) Pope. 1992. *FZ* 6,1: 235–237.
- (5) Retief & Herman. 1997. *Strelitzia* 6: 291.
- (6) Beyers. 2000. In Goldblatt & Manning in *Strelitzia* 9: 303.
- (7) Beyers. 2002. *Bothalia* 32: 185–187.

calendula (L.) Levyns*A. calendulaceum* (L.) Lewin (3)*Arctotis calendula* L. (3)*Cryptostemma calendulaceum* (L.) R.Br. (3)

Annual. Herb, variable in habit. Alt 20–1300 m. KZN, L, NC, WC, EC

calendulaceum (L.) Lewin = **A. calendula****forbesiana** (DC.) Lewin*Cryptostemma forbesianum* (DC.) Harv. (2)*Gazania forbesiana* DC. (2)

Annual. Herb. Ht ± 0.2 m. Alt 100–324 m. WC

grandiflora Schrad. = **A. prostrata****marginata** Beyers

Perennial. Herb. Length? Alt ± 760 m. NC

nivea (L.f.) Lewin = **A. populifolia****populifolia** (P.J.Bergius) Norl.*A. nivea* (L.f.) Lewin (3)*Arctotis populifolia* P.J.Bergius (3)*Arctotis verbascifolia* Harv. (2)

Perennial. Herb, prostrate, decumbent. Ht ± 0.2 m. Alt 117–170 m. KZN, NC, WC, EC

prostrata (Salisb.) Britten*A. grandiflora* Schrad. (2)*A. repens* J.C.Wendl. (1)*Arctotis prostrata* Salisb. (1)

Perennial. Herb, prostrate, sprawling. Ht 0.01–0.15 m. Alt 100–200 m. WC, EC

repens J.C.Wendl. = **A. prostrata****ARCTOTIS** L. 9432000

Compiled by P.P.J. Herman

- (1) Harvey. 1865. *FC* 3: 448–464.
- (2) Dummer. 1914. *Journal of Botany* 52: 152, 153.
- (3) Beauverd. 1915. *Bulletin de la Société Botanique de Genève sér.* 2, 7: 46–49.
- (4) Spencer le Moore. 1917. *Journal of Botany* 55: 126, 127.
- (5) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 3.
- (6) Lewin. 1922. *Feddes Repertorium* 18: 300.
- (7) Lewin. 1922. *Feddes Repertorium* Beihefte 11: 54–75.
- (8) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 117.
- (9) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 198.
- (10) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 241.
- (11) Phillips. 1933. *The Flowering Plants of South Africa* 13: t. 501.
- (12) Hutchinson. 1946. *A botanist in southern Africa*: 158.
- (13) Henderson. 1961. *The Flowering Plants of Africa* 34: t. 1353.
- (14) Norlindh. 1964. *Svensk Botanisk Tidskrift* 58, Heft 1: 193–203.

(15) Norlindh. 1965. *Botaniska Notiser* 118: 403–411.(16) Merxmüller. 1967. *FSWA* 139: 25–27.(17) Norlindh. 1967. *Svensk Botanisk Tidskrift* Band 61, Heft 1: 24–28.(18) Hilliard. 1977. *Compositae in Natal*: 536–539.(19) Friedrich. 1980. *Mitteilungen der Botanischen Staatssammlung München* 16, Beiheft: 11–17.(20) Bond & Goldblatt. 1984. *Journal of South African Botany* Suppl. vol. 13: 155, 156.**acaulis** L.*A. scapigera* Thunb. (7)*A. speciosa* Jacq. (7)

Perennial. Herb. Ht 0.1–0.4 m. Alt 30–1200 m. NC, WC, EC

acaulis Jacq. = **A. adpressa****acuminata** Lewin

Perennial. Suffrutex. Ht 0.2–0.4 m. Alt 600–1800 m. WC

adpressa DC.*A. acaulis* Jacq. (7)

Perennial. Herb. Ht 0.06–0.12 m. Alt 1000–2000 m. NC

aenea Jacq.

Perennial. Suffrutex. Ht 0.12–0.35 m. Alt 1400–1450 m. WC, EC

angustifolia L.*A. decumbens* Jacq. (7)

Perennial. Herb. Length 0.15–0.75 m. Alt 15–1600 m. WC

anthemoides L. = **Ursinia anthemoides** subsp. **anthemoides***arborescens* Willd. = **A. aspera** var. **aspera****arctotooides** (L.f.) O.Hoffm.*Osteospermum arctotooides* L.f. (16, 18)*Venidium arctotooides* (L.f.) Less. (16, 18)*Venidium decurrens* Less. (18)

Perennial. Herb. Ht 0.07–0.3 m. Alt 0–3355 m. N, NW, G, M, FS, KZN, L, NC, WC, EC

argentea Thunb.

Perennial. Suffrutex. Ht 0.6–1 m. Alt 600–1220 m. WC, EC

aspera L. var. *angustifolia* (Jacq.) Less. = **A. aspera** var. **aspera****aspera** L. var. **aspera***A. arborescens* Willd. (7)*A. aspera* L. var. *angustifolia* (Jacq.) Less. (7)*A. aureola* Edwards (7)*A. maculata* Jacq. (7)

Perennial. Suffrutex. Ht up to 0.8 m. Alt 12–1000 m. WC

aspera L. var. **scabra** P.J.Bergius*A. glandulosa* Thunb. (7)

Perennial. Suffrutex. Ht 0.2–0.9 m. Alt 100–765 m. WC

aurea (DC.) Beauverd = **A. fastuosa***aureola* Edwards = **A. aspera** var. **aspera****auriculata** Jacq.*A. melanocycla* Willd. ex Harv. (7)*A. namaquana* Schltr. ex Lewin (7)

Perennial. Suffrutex. Ht 0.3–0.6 m. Alt 10–1000 m. N, NC

bellidiastrum (S.Moore) Lewin*Venidium bellidiastrum* S.Moore (7)

Perennial. Herb. Ht? Alt? M

bellidifolia P.J.Bergius*A. muricata* Thunb. (7)*A. paniculata* Jacq. (7)

Perennial. Herb. Length 0.15–0.6 m. Alt 15–150 m. WC

bolusii (S.Moore) Lewin*Venidium bolusii* S.Moore (7)

Perennial. Herb. Ht up to 0.05 m. Alt up to 1385 m. FS, NC, WC

breviscapa Thunb. = **A. leptorhiza***calendula* L. = **Arctotheca calendula****campanulata** DC.

Perennial. Herb. Ht 0.15–0.2 m. Alt 425–1300 m. NC

candida Thunb.*A. revoluta* DC. (7)

Perennial. Herb or suffrutex. Ht 0.05–1.2 m. Alt up to 670 m. WC

canescens DC. = **A. diffusa****caudata** Lewin

Perennial. Suffrutex. Ht? Alt 650–700 m. WC

caulescens Thunb. = **A. incisa***cineraria* Jacq. = **A. cuprea****crispata** Hutch.

Perennial. Herb or suffrutex. Ht up to 0.3 m. Alt 300–975 m. NC, WC

crithmoides P.J.Bergius = **Ursinia paleacea****cuneata** DC.

Perennial. Suffrutex. Ht 0.2–0.75 m. Alt 170–1250 m. WC, EC

cuprea Jacq.*A. cineraria* Jacq. (7)*A. undulata* Thunb. (7)

Perennial. Suffrutex or dwarf shrub. Ht 0.5–2 m. Alt 5–900 m. NC, WC

decumbens Jacq. = **A. angustifolia***decumbens* Thunb. = **A. stoechadifolia****decurrens** Jacq.

Perennial. Suffrutex. Ht? Alt? 'Kap' (7)

dentata L. = **Ursinia dentata***denudata* Thunb. = **A. laevis****diffusa** Thunb.*A. canescens* DC. (7)*A. splendens* Muschl. (7)

Perennial. Herb. Ht 0.25–0.5 m. Alt 0–1700 m. NC, WC

discolor (Less.) Beauverd*Venidium discolor* Less. (7)

Perennial. Herb or suffrutex. Ht 0.1–0.45 m. Alt 30–335 m. WC, EC

dregei Turcz.

Annual. Herb. Ht up to 0.15 m. Alt 150–610 m. WC

elatior Jacq. = **A. laevis****elongata** Thunb.

Perennial. Herb. Ht 0.2–0.3 m. Alt 800–855 m. WC

erosa (Harv.) Beauverd*Venidium erosum* Harv. (7)

Perennial. Herb. Ht 0.1–0.5 m. Alt 1030–1830 m. NC, WC

fastuosa Jacq.*A. aurea* (DC.) Beauverd (16)*A. maximiliani* Schltr. ex Dinter (16)*Venidium aureum* DC. (16)*Venidium fastuosum* (Jacq.) Stapf (16)*Venidium macrocephalum* DC. (16)*Venidium wyleyi* Harv. (16)

Annual. Herb. Ht 0.05–0.65 m. Alt 61–1525 m. N, NC, WC

flaccida Jacq.

Annual, occ. perennial. Herb. Ht up to 0.4 m. Alt? WC?

foeniculacea Jacq. = **Ursinia anthemoides** subsp. **anthemoides***formosa* Thunb. = **A. incisa****fosteri** N.E.Br.

Perennial. Herb. Ht 0.4–0.9 m. Alt 10–151 m. WC

frutescens Norl.

Perennial. Dwarf shrub or shrub. Ht 0.2–0.5 m. Alt? N

glabrata Jacq. = **A. laevis***glandulosa* Thunb. = **A. aspera** var. **scabra***glutinosa* Sims = **Dimorphotheca cuneata****gowerae** E.Phillips

Perennial. Herb. Ht up to 0.4 m. Alt? WC

graminea Lewin

Perennial. Herb. Length? Alt 180–200 m. WC

grandiflora Jacq. = **A. laevis***grandis* Thunb. = **A. stoechadifolia****gumbletonii** Hook.f.

Perennial. Herb. Ht 0.3–0.5 m. Alt? NC

hirsuta (Harv.) Beauverd*Venidium fugax* Harv. (7)*Venidium hirsutum* Harv. (7)*Venidium hispidulum* DC. (7)*Venidium kraussii* Sch.Bip. (7)*Venidium subacaule* DC. (7)

Annual. Herb. Ht 0.05–0.5 m. Alt 0–1060 m. NC, WC

hispidula (Less.) Beauverd*Venidium hispidulum* Less. (7)*Venidium puberulum* DC. (7)

Perennial. Herb. Ht 0.3–0.6 m. Alt 0–300 m. WC, EC

incisa Thunb.*A. caulescens* Thunb. (7)*A. formosa* Thunb. (7)

Perennial. Suffrutex. Ht up to 0.8 m. Alt 100–150 m. WC

karasmontana Dinter = **A. leiocarpa****laevis** Thunb.*A. denudata* Thunb. (7)*A. elatior* Jacq. (7)*A. glabrata* Jacq. (7)*A. grandiflora* Jacq. (7)*A. squarrosa* Jacq. (7)

Perennial. Suffrutex. Ht 0.4–1.2 m. Alt 50–1140 m. NC, WC

lanata Thunb. = **Haplocarpha lanata****lanceolata** Harv.

Perennial. Suffrutex. Ht 0.3–0.45 m. Alt 400–460 m. WC

leiocarpa Harv.*A. karasmontana* Dinter (16)*A. macrostylis* Lewin (16)*A. microcephala* S.Moore (16)

Perennial. Herb. Ht 0.2–0.4 m. Alt 460–1548 m. N, NC, WC, EC

leiocarpa Harv. × **A. fastuosa** Jacq.

Perennial. Suffrutex. Ht 0.3–0.6 m. Alt 700–900 m. NC

leptorhiza DC.

A. breviscapa Thunb. (7)

Annual. Herb. Ht 0.04–0.22 m. Alt 25–609 m. WC

linearis Thunb.

Perennial. Suffrutex. Ht? Alt? 'Kap' (7)

macrosperma (DC.) Beauverd

Venidium macrospermum DC. (7)

Perennial. Suffrutex. Ht up to 0.4 m. Alt 1220–2500 m. WC

macrostylis Lewin = **A. leiocarpa***maculata* Jacq. = **A. aspera** var. **aspera***maximiliani* Schltr. ex Dinter = **A. fastuosa***melanocyclus* Willd. ex Harv. = **A. auriculata****merxmuelleri** Friedrich

Perennial. Dwarf shrub or suffrutex. Ht 0.5–1.5 m. Alt 10–30 m. NC

microcephala (DC.) Beauverd

Venidium microcephalum DC. (7)

Perennial. Herb. Ht 0.02–0.6 m. Alt 610–3100 m. N, NW, G, FS, L, NC, WC, EC

microcephala S.Moore = **A. leiocarpa***muricata* Thunb. = **A. bellidifolia***namaquana* Schltr. ex Lewin = **A. auriculata***nodosa* Thunb. = **Leucoptera nodosa***nudicaulis* Thunb. = **Ursinia nudicaulis****oocephala** DC.

Perennial. Herb. Ht up to 0.15 m. Alt? WC

paleacea L. = **Ursinia paleacea***paleacea* Thunb. = **Ursinia subflosculosa***paniculata* Jacq. = **A. bellidifolia***parvifolia* Schltr. = **Haplocarpha parvifolia***pectinata* Thunb. = **Ursinia dentata****perfoliata** (Less.) Beauverd

Venidium cinerarium DC. (7)

Venidium perfoliatum Less. (7)

Perennial. Suffrutex. Ht 0.15–0.3 m. Alt 122–610 m. WC

petiolata Thunb.

Annual. Herb. Ht 0.1–0.25 m. Alt 0–765 m. WC, EC

pilifera P.J.Bergius = **Ursinia pilifera***pinnata* Thunb. = **Ursinia pinnata****pinnatifida** Thunb.

Perennial. Suffrutex. Ht 0.39–0.6 m. Alt 100–330 m. WC

populifolia P.J.Bergius = **Arctotheca populifolia***prostrata* Salisb. = **Arctotheca prostrata***punctata* Thunb. = **Ursinia punctata****pusilla** DC.

Annual. Herb. Ht ± 0.06 m. Alt? WC

revoluta DC. = **A. candida****revoluta** Jacq.

Perennial. Suffrutex. Ht 0.3–0.7 m. Alt 0–915 m. NC

rigida Burm.f. = **Gazania rigida****rogersii** (S.Moore) Lewin

Venidium rogersii S.Moore (7)

Perennial. Herb. Length? Alt? B

rosea Less., not of Jacq. = **A. stoechadifolia****rotundifolia** Lewin

Perennial. Suffrutex. Length? Alt 700–1200 m. WC

scapigera Thunb. = **A. acaulis***scariosa* Aiton = **Ursinia scariosa** subsp. **scariosa****schlechteri** Lewin

Perennial. Suffrutex. Ht? Alt ± 400 m. WC

scullyi Dummer

Perennial. Shrub or suffrutex. Ht up to 0.2 m. Alt? NC, WC

semipapposa (DC.) Beauverd

Venidium semipapposum DC. (7)

Perennial. Suffrutex. Ht 0.3–0.6 m. Alt 50–1370 m. WC

sericea Thunb. = **Ursinia sericea****serpens** (S.Moore) Lewin

Venidium serpens S.Moore (7)

Perennial. Herb. Length? Alt? B? (7)

serrata L.f. = **Ursinia serrata****sessilifolia** Lewin

Perennial. Suffrutex. Ht? Alt? WC

setosa Lewin

Annual. Herb. Ht? Alt? WC

speciosa Jacq. = **A. acaulis***splendens* Muschl. = **A. diffusa***squarrosa* Jacq. = **A. laevis****stoechadifolia** P.J.Bergius

A. decumbens Thunb. (14)

A. grandis Thunb. (14)

A. rosea Less., not of Jacq. (7)

Perennial. Suffrutex. Length 0.2–1 m. Alt 0–1700 m. WC

stoechadifolia of author, not of P.J.Bergius, concept invalid = **A. venusta**

suffruticosa Lewin

Perennial. Suffrutex. Length? Alt ± 250 m. EC

sulcocarpa Lewin

Annual. Herb. Ht 0.05–0.15 m. Alt 45–800 m. WC

tenuifolia L. = **Ursinia tenuifolia** subsp. **tenuifolia***tenuifolia* Poir. = **Dimorphotheca nudicaulis** var. **graminifolia****tricolor** Jacq.

Annual or perennial. Herb. Ht up to 0.3 m. Alt ± 175 m. WC

trifida Thunb. = **Ursinia trifida** forma **trifida****undulata** Jacq.

Perennial. Herb. Ht 0.1–0.15 m. Alt 200–300 m. WC

undulata Thunb. = **A. cuprea****venidioides** DC.

Perennial. Herb. Ht? Alt? WC

venusta Norl.

A. stoechadifolia of author, not of P.J.Bergius, concept invalid (16)

Annual. Herb. Ht 0.08–0.6 m. Alt 75–2000 m. N, B, LIM, NW, G, M, FS, L, NC, WC, EC

verbascifolia Harv. = **Arctotheca populifolia**

virgata Jacq.
Annual, occ. perennial. Herb. Ht 0.3–0.5 m. Alt 0–6 m.
EC

ARNICA L. 9396000

cordata Thunb. = **Gerbera cordata**
crenata Thunb. = **Mairia crenata**
crocea L. = **Gerbera crocea**
gerbera L. = **Gerbera linnaei**
grandis Thunb. = **Oldenburgia grandis**
lanata Thunb. = **Capelio tomentosa**
piloselloides L. = **Gerbera piloselloides**
serrata Thunb. = **Gerbera serrata**
tabularis Thunb. = **Capelio tabularis**

ARROWSMITHIA DC. 9058000

Compiled by P.P.J. Herman

- (1) Hilliard & Burt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42: 230, 231.
(2) Anderberg. 1991. *Opera Botanica* 104: 50, 51, 53.

stypelioides DC.

Macowania stypelioides (DC.) Kroner (1)

Perennial. Dwarf shrub. Ht 0.25–0.6 m. Alt 975–2135 m. EC

ARTEMISIA L. 9358000

Compiled by P.P.J. Herman

- (1) Tutin *et al.* 1976. *Flora europaea* 4: 178–186.
(2) Hilliard. 1977. *Compositae in Natal*: 360, 361.

afra Jacq. ex Willd.

Perennial. Shrub or herb. Ht 0.3–2 m. Alt 20–2440 m.
N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

ambigua Thunb. = **Seriphium plumosum**

maderaspatana L. = **Grangea maderaspatana**

vermiculata L. = **Seriphium plumosum**

***vulgaris** L.

Annual, occ. perennial. Herb. Ht up to 0.7 m. Alt up to 1000 m. EC

ARTEMISIOPSIS S.Moore 8973000

Compiled by P.P.J. Herman

- (1) Merxmüller. 1967. *FSWA* 139: 28.
(2) Anderberg. 1991. *Opera Botanica* 104: 55.

linearis S.Moore = **A. villosa**

villosa (O.Hoffm.) Schweick.

Amphidoxa lasiocephala O.Hoffm (1)

Amphidoxa villosa O.Hoffm. (1)

A. linearis S.Moore (1)

Annual. Herb. Ht 0.1–0.3 m. Alt up to 1100 m. N, B, LIM

ASAEMIA (Harv.) Harv. ex Benth. & Hook. 9363000

axillaris (Thunb.) Harv. ex Hoffm. = **Athanasia minuta** subsp. **minuta**

inermis E.Phillips = **Athanasia minuta** subsp. **inermis**

minuta (L.f.) K.Bremer subsp. **inermis** (E.Phillips)
K.Bremer = **Athanasia minuta** subsp. **inermis**

minuta (L.f.) K.Bremer subsp. **minuta** = **Athanasia minuta** subsp. **minuta**

ASPILIA Thouars 9195000

Compiled by N. Netnou

(1) Wild. 1966. *Kirkia* 5: 199–228.

(2) Wild. 1967. *Kirkia* 6: 39–48.

(3) Pooley. 1998. *A field guide to wildflowers of KwaZulu-Natal and the eastern region*: 318.

attrivittata Merxm. = **A. eenii**

brachyphylla S.Moore = **A. pluriseta** subsp. **pluriseta**

eenii S.Moore

A. attrivittata Merxm. (1)

Perennial. Shrub or herb. Ht 0.9–2 m. Alt 90–1400 m.
N

eyesii S.Moore = **Melanthera albinervia** subsp. **albinervia**

mossambicensis (Oliv.) Wild

Wedelia diversipapposa S.Moore (1)

Wedelia mossambicensis Oliv. (1)

Perennial. Herb. Ht 0.1–1.5 m. Alt 16–3020 m. N, B, LIM, G, M, KZN

natalensis (Sond.) Wild

A. welwitschii O.Hoffm. (1)

Wedelia natalensis Sond. (1)

Perennial. Herb. Ht up to 0.6 m. Alt 3–610 m. KZN, EC

pluriseta Schweinf. subsp. **pluriseta**

A. brachyphylla S.Moore (1)

A. vulgaris N.E.Br. (1)

Perennial. Herb. Ht up to 1.5 m. Alt 310–1220 m. LIM

vulgaris N.E.Br. = **A. pluriseta** subsp. **pluriseta**

welwitschii O.Hoffm. = **A. natalensis**

ASTER L. 8900000

Compiled by P.P.J. Herman

(1) Linnaeus. 1761. *Plantae rariorae africanae*: 22.

(2) Lessing. 1832. *Synopsis generum Compositarum*: 167.

(3) Harvey. 1865. *FC* 3: 69–84.

(4) Bolus. 1907. *Transactions of the South African Philosophical Society* 18: 379, 380.

(5) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 250.

(6) Lippert. 1971. *Mitteilungen der Botanischen Staatssammlung München* 9: 109–134.

(7) Lippert. 1973. *Mitteilungen der Botanischen Staatssammlung München* 11: 153–258.

(8) Hilliard & Burt. 1976. *Notes from the Royal Botanic Garden Edinburgh* 34: 254.

(9) Hilliard. 1977. *Compositae in Natal*: 59–67.

(10) Hilliard & Burt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42: 228, 229.

adfinis Less. = **Felicia dubia**

adfinis Less. var. *strictus* (DC.) Harv. = **Felicia amoena** subsp. **stricta**

aethiopicus Burm.f. = **Felicia aethiopica** subsp. **aethiopica**

aethiopicus Burm.f. var. *glandulosus* Harv. = **Felicia aethiopica** subsp. **aethiopica**

amoenus (Sch.Bip.) Harv. = **Felicia amoena** subsp. **amoena**

ananthocladus Hilliard & B.L.Burt

Perennial. Herb. Ht up to 0.3 m. Alt 1000–2500 m.
KZN

angustifolius Jacq. = **Felicia hyssopifolia** subsp. **hyssopifolia**

annectens Harv. = **Felicia annectens**

asper J.M.Wood & M.S.Evans = **A. bakerianus**

bakerianus Burt Davy ex C.A.Sm.

- A. asper* J.M.Wood & M.S.Evans (9)
A. bakerianus Burt Davy ex C.A.Sm. subsp. *albiflorus* Lippert (9)
A. bakerianus Burt Davy ex C.A.Sm. subsp. *angustifolius* Lippert (9)
A. bakerianus Burt Davy ex C.A.Sm. subsp. *intermedius* Lippert (9)
A. bakerianus Burt Davy ex C.A.Sm. subsp. *ovalis* Lippert (9)
A. bakerianus Burt Davy ex C.A.Sm. subsp. *septentrionalis* Lippert (9)
A. grauii Lippert (9)
A. hispidus (Thunb.) Baker (6, 9)
Calendula hispida Thunb. (6, 9)
Diplopappus asper Less. (6, 9)
Diplopappus natalensis Sch.Bip. (9)
Felicia asper Burt Davy (9)
 Perennial. Herb. Ht 0.1–0.75 m. Alt 10–2285 m. G, M, S, FS, KZN, L, EC

bakerianus Burt Davy ex C.A.Sm. subsp. *albiflorus* Lippert = **A. bakerianus**

bakerianus Burt Davy ex C.A.Sm. subsp. *angustifolius* Lippert = **A. bakerianus**

bakerianus Burt Davy ex C.A.Sm. subsp. *intermedius* Lippert = **A. bakerianus**

bakerianus Burt Davy ex C.A.Sm. subsp. *ovalis* Lippert = **A. bakerianus**

bakerianus Burt Davy ex C.A.Sm. subsp. *septentrionalis* Lippert = **A. bakerianus**

barbatus (DC.) Harv. = **Felicia ovata**

bergerianus (Spreng.) Harv. = **Felicia bergeriana**

bodkinii Compton = **Felicia filifolia** subsp. *bodkinii*

bowiei Harv.

- Perennial. Herb. Ht up to 0.25 m. Alt 300–600 m. WC
brevipedunculatus Hutch. = **Felicia fruticosa** subsp. *brevipedunculata*

buchbergensis Dinter = **Felicia hirsuta**

burkei Harv. = **Felicia burkei**

caffrorum Less. = **Microglossa caffrorum**

candollei Harv. = **Felicia cymbalarioides**

capensis Less. var. *rotundifolius* (Thunb.) Harv. = **Felicia amelloides**

charieis Less. = **Felicia ovata**

comptonii Lippert

- A. peglerae* Bolus var. *longipes* Thell. (7)
 Perennial. Herb. Ht 0.5–1.25 m. Alt 914–1980 m. LIM, M, S

confertifolius Hilliard & B.L.Burt

- Perennial. Herb. Ht 0.15–0.25 m. Alt 2100–2250 m. KZN

confusus Harv. = **Felicia hirsuta**

crenatus (Thunb.) Less. = **Mairia crenata**

crinitus L. = **Athrixia crinita**

crinitus Thunb., not of L. = **Athrixia capensis**

cymbalariae Aiton = **Felicia cymbalariae** subsp. *cymbalariae*

cymbalariae Aiton var. *ionops* Harv. = **Felicia cymbalariae** subsp. *ionops*

demissus Harv. = **Felicia diffusa** subsp. *diffusa*

dentatus Thunb. = **Felicia australis**

discoideus Sond. = **Chrysocoma ciliata**

dregei (DC.) Harv. = **Felicia dregei**

dregei (DC.) Harv. var. *dentata* (DC.) Harv. = **Felicia brevifolia**

echinatus (Thunb.) Less. = **Felicia echinata**

echinatus (Thunb.) Less. var. *paralia* (DC.) Harv. = **Felicia echinata**

ecklonis Less. = **Felicia aethiopica** subsp. *ecklonis*

elongatus Thunb. = **Felicia elongata**

elongatus Thunb. var. *barbiger* (DC.) Harv. = **Felicia hispida**

elongatus Thunb. var. *candollei* Harv. = **Felicia namaquana**

elongatus Thunb. var. *crassifolius* Harv. = **Felicia ovata**

elongatus Thunb. var. *pappei* Harv. = **Felicia minima**

elongatus Thunb. var. *spathulaefolius* Harv. = **Felicia amoena** subsp. *amoena*

elongatus Thunb. var. *thunbergii* Harv. = **Felicia elongata**

elongatus Thunb. var. *thunbergii* Harv. in part = **Felicia hispida**

erigeroides (DC.) Harv. = **Felicia erigeroides**

erigeroides (DC.) Harv. var. *schultesii* Harv. = **Felicia erigeroides**

erigeroides (DC.) Harv. var. *trinervius* (Turcz.) Harv. = **Felicia erigeroides**

erucifolius (Thell.) Lippert

- A. pinnatifidus* (Hook.) Kuntze (9)
Felicia erucifolia Thell. (7, 9)
Felicia pinnatifida J.M.Wood & M.S.Evans (7, 9)

- Perennial. Herb. Length 0.04–0.2 m. Alt 945–3355 m. FS, KZN, L, EC

ficoideus (DC.) Harv. = **Poecilolepis ficoidea**

filifolius Vent. = **Felicia filifolia** subsp. *filifolia*

fruticosus L. = **Felicia fruticosa** subsp. *fruticosa*

fruticulosus Willd. = **Felicia fruticosa** subsp. *fruticosa*

grauui Lippert = **A. bakerianus**

grossedentatus Dinter = **Felicia brevifolia**

harveyanus Kuntze

- A. harveyanus* Kuntze subsp. *corymbosus* Lippert (9)
A. harveyanus Kuntze subsp. *gracilis* Lippert (9)
A. harveyanus Kuntze subsp. *robustus* Lippert (9)
A. harveyanus Kuntze subsp. *xylophyllus* (Klatt) Lippert (9)
A. serrulatus Harv. var. *xylophyllus* Klatt (9)
A. xylophyllus Klatt (9)

- Diplopappus serrulatus* Harv. (7, 9)
Felicia serrulata (Harv.) Burt Davy (9)

- Perennial. Herb. Ht 0.1–1 m. Alt 60–2075 m. LIM, NW, G, M, S, KZN, EC

harveyanus Kuntze subsp. *corymbosus* Lippert = **A. harveyanus**

harveyanus Kuntze subsp. *gracilis* Lippert = **A. harveyanus**

harveyanus Kuntze subsp. *robustus* Lippert = **A. harveyanus**

harveyanus Kuntze subsp. *xylophyllus* (Klatt) Lippert = **A. harveyanus**

heterophyllus Thunb. = **Athrixia heterophylla** subsp. *heterophylla*

hirsutus (Vent.) Harv. = **Felicia cymbalariae** subsp. *cymbalariae*

- hirtus* (DC.) Harv. = **Felicia aculeata**
hirtus Thunb. = **Felicia hirta**
hispidus (Thunb.) Baker = **A. bakerianus**
hyssopifolius P.J.Bergius = **Felicia hyssopifolia** subsp. **hyssopifolia**
hyssopifolius P.J.Bergius var. *canescens* Harv. = **Chrysocoma rigidula**
hyssopifolius P.J.Bergius var. *canus* (DC.) Harv. = **Felicia cana**
hyssopifolius P.J.Bergius var. *hirtus* (Thunb.) Harv. = **Felicia hirta**
hyssopifolius P.J.Bergius var. *linifolius* Harv. = **Felicia zeyheri** subsp. **linifolia**
hyssopifolius P.J.Bergius var. *rigidulus* (DC.) Harv. = **Chrysocoma rigidula**
imbricatus (DC.) Harv. = **Polyarrhena imbricata**
imbricatus L. = **Polyarrhena reflexa** subsp. **reflexa**
kraussii (Sch.Bip.) Harv. = **Felicia aethiopica** subsp. **aethiopica**
laevigatus (Sond.) Kuntze
Diplopappus laevigatus Sond. (7)
 Perennial. Herb. Ht 0.25–0.35 m. Alt? EC
lasiocarpus (DC.) Harv. = **Felicia lasiocarpa**
leiocarpus (DC.) Harv. = **Zyrphelis montana**
linifolius Harv. = **Felicia linifolia**
luteus (N.E.Br.) Hutch. = **Felicia mossamedensis**
lydenburgensis Lippert
 Perennial. Herb. Ht 0.3–0.65 m. Alt 730–2135 m. M, FS, KZN
macrorrhizus Thunb. = **Felicia macrorrhiza**
mespilifolius Less. = **Microglossa mespilifolia**
microspermus (DC.) Harv. = **Felicia microsperma**
minimus Hutch. = **Felicia minima**
muricatus Thunb. = **Felicia muricata** subsp. **muricata**
muricatus Thunb. var. *chrysocomoides* Sond. = **Felicia muricata** subsp. **muricata**
muricatus Thunb. var. *fascicularis* (DC.) E.Mey. ex Harv. = **Felicia fascicularis**
namaquanus Harv. = **Felicia namaquana**
natalensis (Sch.Bip.) Harv. = **Felicia rosulata**
nubimontis Lippert
 Annual, occ. perennial. Herb. Ht 0.25–0.3 m. Alt 1000–1120 m. LIM
obtusatus Thunb. = **Chrysocoma obtusata**
oppositifolius L. = **Felicia cymbalariae** subsp. **cymbalariae**
pappei Harv. = **Felicia amoena** subsp. **amoena**
papposus Willd. ex Spreng. = **Printzia polifolia**
peglerae Bolus
 Perennial. Herb. Ht 0.4–1 m. Alt 1200–1951 m. NW, G, M
peglerae Bolus var. *longipes* Thell. = **A. comptonii**
perezoides Less. = **Zyrphelis perezoides**
perfoliatus Oliv.
 Perennial. Herb. Ht 0.05–0.6 m. Alt 305–2440 m. FS, KZN, L, EC
petiolatus Harv. = **Felicia petiolata**
pinnatifidus (Hook.) Kuntze = **A. erucifolius**
pleiocephalus (Harv.) Hutch.
Diplopappus asper Less. var. *pleiocephalus* Harv. (7, 9)
 Perennial. Herb. Ht 0.35–0.75 m. Alt 900–2500 m. FS, KZN
polifolius L. = **Printzia polifolia**
pseudobakeranus Lippert
 Perennial. Herb. Ht 0.3–0.4 m. Alt 600–1220 m. S
quinquenervius Klatt = **Felicia quinquenervia**
reflexus L. = **Polyarrhena reflexa** subsp. **reflexa**
reflexus L. var. *brachyphyllus* Sond. ex Harv. = **Polyarrhena reflexa** subsp. **brachyphylla**
rotundifolius Thunb. = **Felicia amelloides**
rufibarbis Harv. = **Felicia burkei**
scabridus (DC.) E.Mey. ex Harv. & Sond. = **Felicia scabrida**
scabridus (DC.) E.Mey. ex Harv. & Sond. var. *brevifolius* (DC.) Harv. = **Felicia brevifolia**
schaeferi Dinter = **Felicia filifolia** subsp. **schaeferi**
schlechteri Compton = **Felicia filifolia** subsp. **schlechteri**
serratus Thunb. = **Felicia serrata**
serrulatus Harv. var. *densus* Harv. = **Felicia hyssopifolia** subsp. **polyphylla**
serrulatus Harv. var. *glaber* (DC.) Harv. = **Felicia hyssopifolia** subsp. **glabra**
serrulatus Harv. var. *polyphyllus* Harv. = **Felicia hyssopifolia** subsp. **polyphylla**
serrulatus Harv. var. *setosus* Harv. = **Felicia zeyheri** subsp. **zeyheri**
serrulatus Harv. var. *xylophyllus* Klatt = **A. harveyanus**
simulans Harv. = **Felicia hyssopifolia** subsp. **glabra**
 ***squamatus** (Spreng.) Hieron.
Conyza squamata Spreng. (9)
 Annual. Herb. Ht 0.05–2 m. Alt 5–1525 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
strigosus (A.Spreng.) Harv. = **Felicia ovata**
strigosus Thunb. = **Amellus strigosus** subsp. **strigosus**
taxifolius L. = **Zyrphelis taxifolia**
tenellus L. = **Felicia tenella** subsp. **tenella**
tenellus L. var. *cotuloides* (DC.) Harv. = **Felicia tenella** subsp. **cotuloides**
tenellus L. var. *glaber* Harv. = **Felicia australis**
tenellus L. var. *longifolius* (DC.) Harv. = **Felicia tenella** subsp. **longifolia**
tenellus L. var. *pusillus* Harv. = **Felicia tenella** subsp. **pusilla**
tenellus L. var. *robustus* Harv. = **Felicia tenella** subsp. **tenella**
tener (DC.) Harv. = **Felicia tenera**
tricolor (Nees) Harv. = **Felicia elongata**
uliginosus J.M.Wood & M.S.Evans = **Felicia uliginosa**
venustus Fourc. = **Felicia linifolia**
villosus Thunb. in part = **Felicia hyssopifolia** subsp. **hyssopifolia**

villosus Thunb. in part = **Felicia muricata** subsp. **muri-cata**

westae Fourc. = **Felicia westae**

woodii Klatt = **Felicia quinquenervia**

worcesterensis Kuntze = **Polyarrhena imbricata**

xylophyllus Klatt = **A. harveyanus**

zeyheri Less. = **Felicia zeyheri** subsp. **zeyheri**

zuluensis Lippert

Annual, occ. perennial. Herb. Ht 0.15–0.2 m. Alt 300–305 m. KZN

ASTEROPTERUS L. 9052020

dinteri Rothm. = **Leysera gnaphalodes**

gnaphalodes (L.) Rothm. = **Leysera gnaphalodes**

gracilis Rothm. = **Leysera gnaphalodes**

incanus (Thunb.) Rothm. = **Leysera gnaphalodes**

tenellus (DC.) Rothm. = **Leysera tenella**

ATHANASIA L. 9326000

Compiled by P.P.J. Herman

- (1) Harvey. 1865. *FC* 3: 187–199.
- (2) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 387.
- (3) Druce. 1917. *Report of the Botanical Exchange Club of the British Isles* 1916: 607.
- (4) Hutchinson. 1917. *Annals of the South African Museum* 9: 387, 388.
- (5) Phillips. 1917. *Annals of the South African Museum* 9: 345.
- (6) Compton. 1944. *Journal of South African Botany* 10: 6–8.
- (7) Killick. 1976. *The Flowering Plants of Africa* 43: t. 1699.
- (8) Hilliard. 1977. *Compositae in Natal*: 340.
- (9) Källersjö. 1986. *Nordic Journal of Botany* 5: 530–533.
- (10) Källersjö. 1991. *Opera Botanica* 106: 5–75.

acerosa (DC.) Harv. = **Phymaspermum acerosum**

adenantha (Harv.) Källersjö

A. oligocephala (DC.) Harv. var. *adenantha* Harv. (10)

Perennial. Shrub. Ht 1–2 m. Alt up to 500 m. WC

alba Källersjö

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt? WC

aspera Thunb. = **A. dentata**

bremeri Källersjö

Perennial. Shrub or dwarf shrub. Ht 0.2–0.5 m. Alt 1000–1500 m. WC

calophylla Källersjö

Perennial. Shrub. Ht 0.6–1 m. Alt up to 1220 m. WC

calva Hutch. = **Inulanthera calva**

canescens Thunb. = **A. pubescens**

capitata (L.) L.

A. capitata (L.) L. var. *glabrata* Harv. (10)

A. lanuginosa Cav. (10)

A. punctata P.J.Bergius (10)

Holophyllum capitatum (L.) Less. (10)

Holophyllum capitatum (L.) Less. var. *glabratum* DC. (10)

Holophyllum lanuginosum (Cav.) DC. (10)

Holophyllum scabrum DC. (10)

Pristocarpa capitata E.Mey. ex DC. (10)

Santolina capitata L. (10)

Perennial. Shrub. Ht 0.4–1.2 m. Alt 0–500 m. WC

capitata (L.) L. var. *glabrata* Harv. = **A. capitata**

cinerea L.f. = **A. filiformis**

cochlearifolia Källersjö

Perennial. Shrub. Ht up to 1 m. Alt up to 100 m. WC

coronopifolia Harv. = **Inulanthera coronopifolia**

crenata (L.) L.

A. ebracteata E.Mey. ex DC. (10)

A. oligocephala (DC.) Harv. (10)

A. oligocephala (DC.) Harv. var. *hirsuta* (DC.) Harv. (10)

Eclopes centauroides (L.) DC. (10)

Relhania centauroides (L.) Harv. (10)

Santolina crenata L. (10)

Staelhelia centauroides L. (10)

Perennial. Shrub. Ht 1.5–2 m. Alt 61–1000 m. WC

crithmifolia (L.) L. subsp. **crithmifolia**

Santolina crithmifolia L. (10)

Perennial. Shrub. Ht 0.75–2 m. Alt 5–1100 m. WC

crithmifolia (L.) L. subsp. **palmatifida** (DC.) Källersjö

A. hameri E.Phillips (10)

A. palmatifida DC. (10)

Perennial. Shrub. Ht 1–2 m. Alt 914–1220 m. WC

cuneifolia Lam.

A. obtusa Compton (10)

Perennial. Shrub. Ht up to 0.45 m. Alt up to 2000 m.

WC

cuneiformis DC. = **A. trifurcata**

dentata (L.) L.

A. aspera Thunb. (10)

A. dentata L. var. *pachyphylla* (Sch.Bip.) Harv. (10)

A. dentata L. var. *subintegrifolia* Harv. (10)

A. laevigata (L.) L. (10)

A. recurvifolia Salisb. (10)

Morysia aspera (Thunb.) Less. (10)

Morysia dentata (L.) DC. (10)

Morysia dentata (L.) DC. var. *kraussii* Sch.Bip. (10)

Morysia diversifolia Cass. (10)

Morysia pachyphylla Sch.Bip. (10)

Santolina dentata L. (10)

Santolina laevigata L. (10)

Perennial. Shrub. Ht 0.5–1.5 m. Alt 15–1450 m. WC,

EC

dentata L. var. *pachyphylla* (Sch.Bip.) Harv. = **A. dentata**

dentata L. var. *subintegrifolia* Harv. = **A. dentata**

dimorpha DC. = **A. quinquedentata** subsp. **quinquedentata**

dimorpha DC. var. *minor* Harv. = **A. quinquedentata** subsp. **quinquedentata**

dimorpha DC. var. *obovata* Harv. = **A. quinquedentata** subsp. **quinquedentata**

dregeana (DC.) Harv. = **Inulanthera dregeana**

ebracteata E.Mey. ex DC. = **A. crenata**

ebracteata E.Mey. ex DC. var. *araneosa* DC. = **A. flexuosa**

elsiae Källersjö

Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 1500–2000 m. WC

eriopoda DC. = **A. pachycephala** subsp. **eriopoda**

eriopoda DC. var. *depauperata* DC. = **A. pachycephala** subsp. **pachycephala**

fasciculata (Less.) D.Dietr. = **A. vestita**

filiformis L.f.

A. cinerea L.f. (10)

A. filiformis L.f. var. *cinerea* (L.f.) Harv. (10)

Perennial. Shrub. Ht 0.2–0.8 m. Alt 0–1500 m. WC, EC

filiformis L.f. var. *cinerea* (L.f.) Harv. = **A. filiformis**

flexuosa E.Mey. ex DC. = **A. microcephala**

flexuosa Thunb.

- A. ebracteata* E.Mey. ex DC. var. *araneosa* DC. (10)
A. flexuosa Thunb. var. *tomentella* Hutch. (10)
A. glabrescens DC. (10)
A. oligocephala (DC.) Harv. var. *araneosa* (DC.) Harv. (10)
A. oligocephala (DC.) Harv. var. *brachypoda* (DC.) Harv. (10)
A. tomentella Hutch. (10)

Perennial. Shrub. Ht 1–2 m. Alt 500–1500 m. NC, WC

flexuosa Thunb. var. *tomentella* Hutch. = **A. flexuosa**

genistifolia L. = **Oedera genistifolia**

glabra Thunb. = **A. trifurcata**

glabrescens DC. = **A. flexuosa**

grandiceps Hilliard & B.L.Burt

Perennial. Shrub. Ht 0.5–1.5 m. Alt 1500–2000 m.
KZN

hameri E.Phillips = **A. crithmifolia** subsp. **palmatifida**

hirsuta Thunb.

Perennial. Shrub. Ht up to 1 m. Alt 1000–1500 m. WC

humilis Källersjö

Perennial. Shrub. Ht up to 0.5 m. Alt 1000–1500 m.
WC

imbricata Harv.

Perennial. Shrub. Ht? Alt 500–1000 m. WC

incisa (DC.) Harv. = **Hymenolepis incisa**

indivisa Harv. = **Hymenolepis indivisa**

inopinata (Hutch.) Källersjö

Stilpnophyton inopinatum Hutch. (10)

Perennial. Shrub. Ht up to 1 m. Alt up to 500 m. WC

juncea (DC.) D.Dietr.

Morysia juncea DC. (10)

Perennial. Shrub. Ht 0.35–1.5 m. Alt 30–1500 m. WC

laevigata (L.) L. = **A. dentata**

lanuginosa Cav. = **A. capitata**

leptocephala Källersjö

Perennial. Shrub. Ht up to 0.4 m. Alt 0–500 m. WC

leucoclada (DC.) Harv. = **Inulathera leucoclada**

linifolia Burm.

A. linifolia L.f. (10)

A. longifolia Lam. (10)

Morysia longifolia (Lam.) Less. (10)

Stilpnophyton linifolium (L.f.) Less. (10)

Stilpnophyton linifolium (L.f.) Less. var. *longifolium* (Thunb.) Harv. (10)

Stilpnophyton longifolium (Thunb.) Less. (10)

Tanacetum linifolium (L.f.) Thunb. (10)

Tanacetum longifolium Thunb. (10)

Perennial. Shrub. Ht 0.9–1.5 m. Alt 90–1370 m. WC

linifolia Harv., illegitimate name = **A. microcephala**

linifolia L.f. = **A. linifolia**

longifolia Lam. = **A. linifolia**

microcephala (DC.) D.Dietr.

A. flexuosa E.Mey. ex DC. (10)

A. linifolia Harv., illegitimate name (10)

A. pauciflora (DC.) D.Dietr. (10)

Morysia microcephala DC. (10)

Morysia pauciflora DC. (10)

Perennial. Shrub. Ht 0.75–1.5 m. Alt 250–1676 m.
NC, WC, EC

microphylla DC.

Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 1000–
1500 m. WC

minuta (L.f.) Källersjö subsp. **inermis** (E.Phillips)

Källersjö

Asaemia inermis E.Phillips (10)

Asaemia minuta (L.f.) K.Bremer subsp. *inermis* (E.Phillips)
K.Bremer (10)

Perennial. Dwarf shrub. Ht up to 0.3 m. Alt up to 1000
m. WC

minuta (L.f.) Källersjö subsp. **minuta**

Asaemia axillaris (Thunb.) Harv. ex Hoffm. (10)

Asaemia minuta (L.f.) K.Bremer subsp. *minuta* (10)

Nestlera minuta (L.f.) DC. (10)

Pteronia geigerioides Muschl. ex Dinter (10)

Pteronia minuta L.f. (10)

Stilpnophyton axillare (Thunb.) Less. (10)

Tanacetum axillare Thunb. (10)

Perennial. Shrub or dwarf shrub. Ht 0.15–0.45 m. Alt
350–1500 m. N, NC, WC, EC

montana J.M.Wood = **Inulathera montana**

mundtii Harv. = **A. quinquentata** subsp. **quinque-**
dentata

natalensis Schltr. = **Phymaspermum acerosum**

obtusa Compton = **A. cuneifolia**

oligocephala (DC.) Harv. = **A. crenata**

oligocephala (DC.) Harv. var. *adenantha* Harv. = **A.**
adenantha

oligocephala (DC.) Harv. var. *araneosa* (DC.) Harv. =
A. flexuosa

oligocephala (DC.) Harv. var. *brachypoda* (DC.) Harv.
= **A. flexuosa**

oligocephala (DC.) Harv. var. *hirsuta* (DC.) Harv. = **A.**
crenata

oocephala (DC.) Källersjö

Stilpnophyton oocephalum DC. (10)

Perennial. Shrub. Ht up to 1 m. Alt 152–610 m. WC

pachycephala DC. subsp. **eripoda** (DC.) Källersjö

A. eripoda DC. (10)

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 1000–
1500 m. WC

pachycephala DC. subsp. **pachycephala**

A. eripoda DC. var. *depauperata* DC. (10)

Perennial. Shrub or dwarf shrub. Ht 0.2–0.5 m. Alt 550–
1500 m. WC

palmatifida DC. = **A. crithmifolia** subsp. **palmatifida**

parviflora L. = **Hymenolepis parviflora**

pauciflora (DC.) D.Dietr. = **A. microcephala**

pectinata L.f.

Morysia lineariloba DC. (10)

Perennial. Shrub. Ht up to 1.2 m. Alt up to 500 m. WC

pinnata L.f.

Perennial. Shrub. Ht 0.7–1.5 m. Alt 550–1065 m. EC

pinnatifida (Oliv.) Hilliard = **Phymaspermum pinnati-**
fidum

pubescens (L.) L.

A. canescens Thunb. (10)

Santolina pubescens L. (10)

Perennial. Shrub. Ht 0.5–1.2 m. Alt 15–970 m. WC

pumila L.f. = **Rhynchopsidium pumilum**

punctata P.J.Bergius = **A. capitata**

punctata (DC.) Harv. = **Inulathera dregeana**

quinquentata Thunb. subsp. **quinquentata**

A. dimorpha DC. (10)

A. dimorpha DC. var. *minor* Harv. (10)

A. dimorpha DC. var. *obovata* Harv. (10)

- A. mundtii* Harv. (10)
A. rotundifolia DC. (10)
 Perennial. Shrub. Ht up to 0.6 m. Alt 15–1000 m. WC, EC
- quinquedentata** Thunb. subsp. **rigens** Källersjö
 Perennial. Shrub. Ht up to 0.6 m. Alt 0–500 m. WC
- recurvifolia* Salisb. = **A. dentata**
- rotundifolia* DC. = **A. quinquedentata** subsp. **quinquedentata**
- rugulosa** E.Mey. ex DC.
 Perennial. Shrub. Ht up to 0.6 m. Alt up to 100 m. WC
- scabra** Thunb.
 Perennial. Shrub. Ht up to 0.6 m. Alt 500–1000 m. WC
- scariosa* DC. = **A. trifurcata**
- schizolepis* Harv. = **Hymenolepis dentata**
- sertulifera** DC.
 Perennial. Shrub. Ht up to 1 m. Alt 0–500 m. WC
- sessiliflora* L.f. = **Rhynchosidium sessiliflorum**
- spathulata** (DC.) D.Dietr.
Morysia spathulata DC. (10)
 Perennial. Shrub. Ht up to 0.5 m. Alt 670–840 m. NC
- speciosa* Hutch. = **Hymenolepis speciosa**
- thodei* Bolus = **Inulanthera thodei**
- tomentella* Hutch. = **A. flexuosa**
- tomentosa** Thunb.
A. velutina (DC.) D.Dietr. (10)
Morysia velutina DC. (10)
 Perennial. Shrub. Ht 1–2.5 m. Alt 305–1370 m. WC, EC
- tricuspis* Poir. = **A. trifurcata**
- tridens* Oliv. = **Inulanthera tridens**
- tridentata* Salisb. = **A. trifurcata**
- trifurcata** (L.) L.
A. cuneiformis DC. (10)
A. glabra Thunb. (10)
A. scariosa DC. (10)
A. tricuspis Poir. (10)
A. tridentata Salisb. (10)
A. trifurcata (L.) L. var. *cuneiformis* (DC.) Harv. (10)
A. trifurcata (L.) L. var. *glabra* (Thunb.) Harv. (10)
A. trifurcata (L.) L. var. *thunbergii* Harv. (10)
A. trifurcata (L.) L. var. *tricuspis* (Poir.) DC. (10)
A. virgata Jacq. var. *glabra* (Thunb.) DC. (10)
Santolina trifurcata L. (10)
 Perennial. Shrub. Ht 1–2 m. Alt 30–1366 m. WC, EC
- trifurcata* (L.) L. var. *cuneiformis* (DC.) Harv. = **A. trifurcata**
- trifurcata* (L.) L. var. *glabra* (Thunb.) Harv. = **A. trifurcata**
- trifurcata* (L.) L. var. *thunbergii* Harv. = **A. trifurcata**
- trifurcata* (L.) L. var. *tricuspis* (Poir.) DC. = **A. trifurcata**
- trifurcata* (L.) L. var. *virgata* (Jacq.) Harv. = **A. virgata**
- triloba* Klatt = **Anisopappus pinnatifidus**
- turbinata* Burt Davy = **Gymnopentzia bifurcata**
- uniflora* L.f. = **Oedera uniflora**
- velutina* (DC.) D.Dietr. = **A. tomentosa**
- vestita** (Thunb.) Druce

- A. fasciculata* (Less.) D.Dietr. (10)
Morysia fasciculata Less. (10)
Tanacetum vestitum Thunb. (10)
 Perennial. Shrub. Ht up to 1 m. Alt 185–1405 m. WC
- villosa* Hilliard = **Phymaspermum villosum**
- virgata** Jacq.
A. trifurcata (L.) L. var. *virgata* (Jacq.) Harv. (10)
 Perennial. Shrub. Ht up to 1 m. Alt 900–1500 m. WC, EC
- virgata* Jacq. var. *glabra* (Thunb.) DC. = **A. trifurcata**
- viridis** Källersjö
 Perennial. Shrub. Ht up to 1.5 m. Alt 1000–1300 m. WC
- woodii* (Thell.) Hilliard = **Phymaspermum woodii**
- ATHRIXIA** Ker Gawl. 9055000
 Compiled by P.P.J. Herman
- (1) Lessing. 1832. *Synopsis generum Compositarum*.
 (2) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 195.
 (3) Kroner. 1980. *Mitteilungen der Botanischen Staatssammlung München* 16: 46–101, 146–196.
 (4) Hilliard & Burt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42: 230, 231.
 (5) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 252.
- angustissima** DC.
 Perennial. Herb. Ht 0.06–0.3 m. Alt 30–2990 m. FS, KZN, L, NC, EC
- arachnoidea** J.M.Wood & M.S.Evans ex J.M.Wood
 Perennial. Dwarf shrub. Ht 0.3–0.35 m. Alt 505–2200 m. M, KZN
- asteroides* Bolus & Schltr. = **Lepidostephium asteroides**
- capensis** Ker Gawl.
Aster crinitus Thunb., not of L. (3)
 Perennial. Dwarf shrub. Ht 0.1–0.35 m. Alt 100–670 m. WC, EC
- capensis* Ker Gawl. var. *latifolia* DC. = **A. crinita**
- crinita** (L.) Druce
Aster crinitus L. (3)
A. capensis Ker Gawl. var. *latifolia* DC. (3)
A. glandulosa Kunth (3)
 Perennial. Dwarf shrub. Ht 0.15–0.35 m. Alt 500–800 m. WC
- drakensbergensis* Thell. = **A. fontana**
- elata** Sond.
 Perennial. Dwarf shrub. Ht 0.15–1 m. Alt 400–2700 m. LIM, NW, G, M, S, FS, L
- felicioides* Hiern = **Nicolasia felicioides**
- fontana** MacOwan
A. drakensbergensis Thell. (3)
 Perennial. Herb. Ht 0.06–0.52 m. Alt 730–3000 m. M, FS, KZN, L, EC
- gerrardii** Harv.
 Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 150–2010 m. M, KZN, EC
- glandulosa* Kunth = **A. crinita**
- heterophylla** (Thunb.) Less. subsp. **heterophylla**
Aster heterophyllus Thunb. (3)
 Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 90–1500 m. WC
- heterophylla** (Thunb.) Less. subsp. **sessilifolia** (DC.) Kroner
A. sessilifolia DC. (3)

Perennial. Dwarf shrub. Ht 0.15–0.45 m. Alt 90–2250 m. WC, EC

phylicoides DC.

Perennial. Shrub. Ht 0.3–2 m. Alt 15–2000 m. LIM, G, M, S, FS, KZN, EC

pinifolia N.E.Br. = **Macowania pinifolia**

sessilifolia DC. = **A. heterophylla** subsp. *sessilifolia*

tomentosa (Thunb.) Less. = **Amphiglossa tomentosa**

ATRACYLIS L. 9450000

angustifolia Houtt. = **Berkheya angustifolia**

fruticosa L. = **Berkheya fruticosa**

ATRICHANTHA Hilliard & B.L.Burtt 9045010

Compiled by M. Koekemoer

(1) Hilliard & Burtt. 1981. *Botanical Journal of the Linnean Society* 82: 181–232.

elsiae Hilliard = **Hydroidea elsiae**

gemmifera (Bolus) Hilliard & B.L.Burtt

Helichrysum gemmiferum Bolus (1)

Perennial. Dwarf shrub, shrub. Ht 0.3–1 m. Alt 1000–1900 m. WC

***BACCHARIS** L. 8933000

Compiled by P.P.J. Herman

(1) Burkart. 1974. *Flora Illustrada de Entre Rios (Argentina)* 6: 249–251, 280, 281.

ilicifolia Lam. = **Brachylaena ilicifolia**

ivaefolia L. = **Conyza scabrida**

neriifolia L. = **Brachylaena neriifolia**

ovalis Pers. = **Pluchea ovalis**

pingraea DC.

Conyza montevidensis Spreng. (1)

Perennial. Herb. Ht up to 1 m. Alt 660–671 m. KZN

ulmifolia Burm.f. = **Conyza ulmifolia**

BACCHAROIDES Moench 8751040

Compiled by N. Netnou

(1) Robinson. 1990. *Proceedings of the Biological Society of Washington* 103: 248–253.

(2) Isawumi. 1993. *Feddes Repertorium* 104: 309–326.

(3) Isawumi et al. 1996. *Grana* 35: 205–230.

adoensis (Sch.Bip. ex Walp.) H.Rob. var. **kotschyana** (Sch.Bip. ex Walp.) Isawumi, El-Ghazaly & B.Nord.

Vernonia adoensis Sch.Bip. ex Walp. var. *kotschyana* (Sch.Bip. ex Walp.) G.V.Pope (3)

Vernonia leptolepis Baker (3)

Vernonia woodii O.Hoffm. (3)

Perennial. Herb. Ht 0.3–3 m. Alt 550–1420 m. LIM, M, S, KZN

adoensis (Sch.Bip. ex Walp.) H.Rob. var. **mossambiquensis** (Steetz) Isawumi, El-Ghazaly & B.Nord.

Vernonia adoensis Sch.Bip. ex Walp. var. *mossambiquensis* (Steetz) G.V.Pope (3)

Vernonia fulviseta S.Moore (3)

Vernonia mossambiquensis (Steetz) Oliv. & Hiern (3)

Vernonia shirensis Oliv. & Hiern (3)

Vernonia whyteana Britten (3)

Perennial. Herb. Ht up to 3 m. Alt? 'TV'

anthelmintica (L.) Moench

Vernonia anthelmintica (L.) Willd. (3)

Vernonia stenolepis Oliv. (3)

Annual. Herb. Ht up to 2 m. Alt? N, B

BASTERIA Houtt. 9438030

aculeata Houtt. = **Cullumia aculeata** var. **aculeata**

BELLIDIASTRUM Less. 9099010

osmitoides Less. = **Osmitopsis osmitoides**

BERKHEYA Ehrh. 9438000

Compiled by E. Retief

(1) Roessler. 1959. *Mitteilungen der Botanischen Staatssammlung München* 3: 104–332.

(2) Merxmüller. 1967. *FSWA* 139: 30–33.

(3) Hilliard. 1977. *Compositae in Natal*: 547–574.

(4) Hilliard & Burtt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42: 229, 230.

(5) Hilliard. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45: 183–185.

(6) Pope. 1992. *FZ* 6,1: 237–246.

(7) Retief & Herman. 1997. *Strelitzia* 6: 293–295.

(8) Goldblatt & Manning. 2000. *Strelitzia* 9: 309, 310.

acanthopoda (DC.) Roessler

Stobaea acanthopoda DC. (1)

Perennial. Herb. Ht 0.3–2 m. Alt 100–1310 m. KZN, EC

adlami Hook.f. = **B. radula**

alba E.Phillips = **B. cirsiifolia**

amplexicaulis O.Hoffm. = **B. erysithales**

angusta Schltr.

Perennial. Shrub. Ht 0.6–1.2 m. Alt ± 500 m. WC

angustifolia (Houtt.) Merr.

Atractylis angustifolia Houtt. (1)

B. lanceolata (Thunb.) Willd. (1)

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 305–1219 m. S, WC, EC

annectens Harv.

Crocodilodes annectens (Harv.) Kuntze (1)

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 700–1065 m. N, NC, WC

arctiifolia O.Hoffm. = **B. montana**

armata (Vahl) Druce

B. carthamoides (Thunb.) Willd. (1)

Rohria armata Vahl (1)

Perennial. Herb. Ht 0.1–0.4 m. Alt 45–1220 m. LIM, M, WC

asteroides (L.f.) Druce = **B. fruticosa**

barbata (L.f.) Hutch.

B. grandiflora (Thunb.) Willd. (1)

B. ilicifolia (Vahl) Druce (1)

Gorteria barbata L.f. (1)

Perennial. Dwarf shrub. Ht 0.25–0.6 m. Alt 155–610 m. WC

bergiana Söderb.

Perennial. Herb. Ht ± 1.5 m. Alt 30–1615 m. KZN, EC

bilabiata N.E.Br. = **B. montana**

bipinnatifida (Harv.) Roessler subsp. **bipinnatifida**

Stobaea bipinnatifida Harv. (1)

Stobaea seminivea DC. (1)

Perennial. Herb. Ht 0.5–2 m. Alt 10–1370 m. LIM, KZN, EC

bipinnatifida (Harv.) Roessler subsp. **echinopsoides** (Baker) Roessler

B. echinopsoides Baker (1)

- Perennial. Herb. Ht 0.5–3 m. Alt 300–1525 m. LIM, M, S, KZN
- bisulca* (Thunb.) Willd. = **Cullumia bisulca**
- buphthalmoides** (DC.) Schltr.
Stobaea buphthalmoides DC. (1)
Perennial. Herb. Ht 0.3–0.6 m. Alt 516–2165 m. L, EC
- caffra** MacOwan
Perennial. Herb. Ht ± 0.5 m. Alt ± 765 m. KZN
- canescens** DC.
B. corymbosa DC. (1)
B. halenbergensis Dinter ex Range (1)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 530–1035 m. N, NC
- cardopatifolia** (DC.) Roessler
B. lignosa Compton (3)
B. pinnata (Thunb.) Less. var. *minor* Harv. (3)
Stobaea cardopatifolia DC. (3)
Perennial. Shrub. Ht 0.5–1.2 m. Alt 915–1463 m. NC, EC
- carduiformis* DC. = **B. carduoides**
- carduoides** (Less.) Hutch.
B. carduiformis DC. (1)
Stephanocoma carduoides Less. (1)
Perennial. Herb. Ht 0.3–0.8 m. Alt 15–1463 m. WC, EC
- carlinifolia** (DC.) Roessler subsp. **carlinifolia**
B. excelsa Hutch. (1)
Stobaea carlinaefolia DC. (1)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 520–1525 m. WC, EC
- carlinifolia** (DC.) Roessler subsp. **promontorii** Roessler
Stobaea pinnatifida of author, not of Thunb., concept invalid (1)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 100–260 m. WC
- carlinoides** (Vahl) Willd.
B. ecklonis Harv. (1)
B. pungens (Thunb.) Willd. (1)
Rohria carlinoides Vahl (1)
Perennial. Herb. Ht 0.2–0.45 m. Alt 170–730 m. WC, EC
- carlinopsis** Welw. ex O.Hoffm. subsp. **magalimontana** (Bolus) Roessler
B. magalimontana Bolus (1)
Perennial. Shrub. Ht 0.45–1.52 m. Alt 850–1830 m. LIM, NW, G
- carthamoides* (Thunb.) Willd. = **B. armata**
- chamaepeuce** (S.Moore) Roessler
Crocodilodes chamaepeuce S.Moore (1)
Perennial. Shrub. Ht 1–2.5 m. Alt 700–1405 m. N, NC
- ciliaris* (L.) Willd. = **Cullumia ciliaris** subsp. **ciliaris**
- cirsiifolia** (DC.) Roessler
B. alba E.Phillips (1)
Stobaea cirsiifolia DC. (1)
Perennial. Herb. Ht 0.3–1.5 m. Alt 2000–3200 m. FS, KZN, L, EC
- coddii** Roessler
Perennial. Herb. Ht ± 1.5 m. Alt 820–1377 m. M, S
- coriacea** Harv.
Crocodilodes coriaceum (Harv.) Kuntze (1)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 15–700 m. WC
- corymbosa* DC. = **B. canescens**
- cousinioides* S.Moore = **B. mackenii**
- cruciata** (Houtt.) Willd. subsp. **cruciata**
Gorteria cruciata Houtt. (1)
Stobaea cruciata (Houtt.) Harv. (1)
Perennial. Shrub. Ht 0.3–1.2 m. Alt 825–1495 m. WC, EC
- cruciata** (Houtt.) Willd. subsp. **subintegra** Roessler
Perennial. Shrub. Ht 0.3–1.2 m. Alt 350–1065 m. WC, EC
- cuneata** (Thunb.) Willd.
Rohria cuneata Thunb. (1)
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 215–580 m. WC
- cynaroides* (Vahl) Willd. = **B. herbacea**
- debilis** MacOwan
Perennial. Herb, graminoid. Ht 0.6–2 m. Alt 600–1830 m. KZN, EC
- debilis* of authors, concept invalid = **B. erysithales**
- decurrens** (Thunb.) Willd.
B. echinopoda (DC.) Schönland (1)
B. glabriuscula (DC.) Schönland (1)
B. membranifolia (DC.) F.T.Hubb. (1)
B. petiolata (DC.) Schönland (1)
B. polyacantha (DC.) Schönland (1)
Rohria decurrens Thunb. (1)
Stobaea echinopoda DC. (1)
Stobaea glabriuscula DC. (1)
Stobaea helianthiflora DC. (1)
Stobaea membranifolia DC. (1)
Stobaea petiolata DC. (1)
Stobaea polyacantha DC. (1)
Stobaea scolymoides DC. (1)
Perennial. Herb. Ht 0.3–0.6 m. Alt 15–1675 m. EC
- densifolia** Bohnen ex Roessler
Perennial. Herb. Ht 0.3–0.35 m. Alt ± 1800 m. LIM, M
- discolor** (DC.) O.Hoffm. & Muschl.
B. kuntzei O.Hoffm. (1)
B. microcephala (DC.) R.A.Dyer (1)
B. polyacantha S.Moore (1)
B. spinulosa N.E.Br. (1)
Stobaea acarnoides DC. (1)
Stobaea discolor DC. (1)
Stobaea microcephala DC. (1)
Perennial. Herb. Ht 0.3–0.9 m. Alt 460–2045 m. NW, FS, KZN, L, EC
- draco** Roessler
Perennial. Shrub. Ht ± 1 m. Alt ± 2135 m. KZN
- dregei** Harv.
Crocodilodes dregei (Harv.) Kuntze (1)
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt ± 1077 m. WC
- echinacea** (Harv.) O.Hoffm. ex Burt Davy subsp. **echinacea**
Stobaea echinacea Harv. (1)
Stobaea gerrardii Harv. (1)
Perennial. Herb. Ht 0.2–1 m. Alt 460–2440 m. LIM, M, S, FS, KZN
- echinopoda* (DC.) Schönland = **B. decurrens**
- echinopsoides* Baker = **B. bipinnatifida** subsp. **echinopsoides**
- ecklonis* Harv. = **B. carlinoides**
- eriobasis** (DC.) Roessler
Stobaea eriobasis DC. (1)
Perennial. Herb. Ht 0.3–0.4 m. Alt 945–1005 m. NC

eryngiifolia Less. = **Heterorhachis aculeata**

erysithales (DC.) Roessler

- B. amplexicaulis* O.Hoffm. (1)
B. debilis of authors, concept invalid (7)
B. sonchifolia (Harv.) MacOwan (1)
Stobaea erysithales DC. (1)
Stobaea sonchifolia Harv. (1)

Perennial. Herb. Ht 0.3–2 m. Alt 5–1220 m. S, KZN, EC

evansii Schltr. = **B. rhapontica** subsp. **aristosa** var. **exalata**

excelsa Hutch. = **B. carlinifolia** subsp. **carlinifolia**

ferox O.Hoffm. var. **ferox**

- B. palmata* Dinter, not of Willd., concept invalid (5)
 Perennial. Shrub. Ht ± 1 m. Alt 900–1720 m. N, B

ferox O.Hoffm. var. **glandulosa** Roessler

Perennial. Shrub. Ht 0.5–1.2 m. Alt ± 1700 m. N

ferox O.Hoffm. var. **pseudodidelta** Roessler

Perennial. Shrub. Ht ± 1.2 m. Alt ± 1100 m. NC

ferox O.Hoffm. var. **tomentosa** Roessler

Perennial. Shrub. Ht 0.8–1 m. Alt 900–1190 m. NC

francisci Bolus

Perennial. Herb. Ht 0.5–1 m. Alt ± 1800 m. WC

fruticosa (L.) Ehrh.

- Atractylis fruticosa* L. (1)
B. asteroides (L.f.) Druce (1)
B. incana (Thunb.) Willd. (1)
 Perennial. Shrub. Ht 0.5–1 m. Alt 75–1000 m. NC, EC

gazanioides Harv. = **Hirpicium gazanioides**

glabrata (Thunb.) Fourc.

- Stobaea glabrata* Thunb. (1)
 Perennial. Herb. Ht 0.5–1.3 m. Alt 819–1585 m. NC, WC, EC

glabriuscula (DC.) Schönland = **B. decurrens**

gorterioides Oliv. & Hiern = **Hirpicium gorterioides** subsp. **gorterioides**

grandiflora (Thunb.) Willd. = **B. barbata**

grandiflora Willd. var. *alternifolia* E.Phillips = **B. rosulata**

griquana Hilliard & B.L.Burttt

Perennial. Herb. Ht ± 1 m. Alt ± 2200 m. KZN

halenbergensis Dinter ex Range = **B. canescens**

herbacea (L.f.) Druce

- B. cynaroides* (Vahl) Willd. (1)
B. scolymoides DC. (1)
Gorteria herbacea L.f. (1)
 Perennial. Herb. Ht 0.2–0.5 m. Alt 60–1065 m. EC

heterophylla (Thunb.) O.Hoffm. var. **heterophylla**

- Stobaea biloba* DC. (1)
Stobaea heterophylla Thunb. (1)
 Perennial. Herb. Ht 0.1–0.6 m. Alt 15–975 m. WC, EC

heterophylla (Thunb.) O.Hoffm. var. **radiata** (DC.) Roessler

- Stobaea heterophylla* Thunb. var. *radiata* DC. (1)
 Perennial. Herb. Ht 0.1–0.6 m. Alt 60–460 m. WC, EC

hispida (L.f.) Willd. = **Cullumia aculeata** var. **aculeata**

horrida Muschl. = **B. spinosissima** subsp. **spinosissima**

ilicifolia (Vahl) Druce = **B. barbata**

incana (Thunb.) Willd. = **B. fruticosa**

ingrata Bolus = **B. pinnatifida** subsp. **ingrata**

insignis (Harv.) Thell.

- B. subulata* J.M.Wood, not of Harv., concept invalid (1)
Stobaea insignis Harv. (1)
 Perennial. Herb. Ht 0.25–0.5 m. Alt 155–2100 m. LIM, G, M, S, KZN, EC

kuntzei O.Hoffm. = **B. discolor**

lanceolata (Thunb.) Willd. = **B. angustifolia**

latifolia J.M.Wood & M.S.Evans

- Perennial. Herb. Ht 0.3–0.6 m. Alt 730–1750 m. LIM, M, S, FS, KZN

leucaugeta Hilliard

Perennial. Herb. Ht 1–1.5 m. Alt ± 2040 m. KZN

lignosa Compton = **B. cardopatifolia**

mackenii (Harv.) Roessler

- B. cousinioides* S.Moore (1)
Stobaea mackenii Harv. (1)
 Perennial. Shrub. Ht 0.6–1 m. Alt 1173–1600 m. M, KZN

macrocephala J.M.Wood

- Perennial. Herb. Ht 0.2–0.5 m. Alt 1700–3200 m. KZN, L, EC

magalismontana Bolus = **B. carlinopsis** subsp. **magalismontana**

maritima J.M.Wood & M.S.Evans

Perennial. Herb. Ht ± 2 m. Alt 45–1564 m. KZN, EC

membranifolia (DC.) F.T.Hubb. = **B. decurrens**

microcephala (DC.) R.A.Dyer = **B. discolor**

milleriana Bolus

Perennial. Herb. Ht ± 0.8 m. Alt ± 1525 m. S

montana J.M.Wood & M.S.Evans

- B. arctifolia* O.Hoffm. (1)
B. bilabiata N.E.Br. (1)
 Perennial. Herb. Ht 1–2 m. Alt 395–2250 m. S, FS, KZN, L

multijuga (DC.) Roessler

- Stobaea grandifolia* DC. (1)
Stobaea multijuga DC. (1)
 Perennial. Herb. Ht 0.4–0.6 m. Alt 730–2895 m. FS, KZN, L, EC

nivea N.E.Br.

Perennial. Herb. Ht 0.4–0.8 m. Alt ± 1200 m. M

obovata (Thunb.) Willd. = **B. spinosa**

onobromoides (DC.) O.Hoffm. & Muschl. var. **carlinoides** (Thunb.) Roessler

- Stobaea atractyloides* (L.) Thunb. var. *carlinoides* (Thunb.) DC. (1)
 Perennial. Herb. Ht 0.5–1 m. Alt 220–1300 m. WC

onobromoides (DC.) O.Hoffm. & Muschl. var. **onobromoides**

- Stobaea onobromoides* DC. (1)
 Perennial. Herb. Ht 0.5–1 m. Alt 1000–1138 m. NC

onopordifolia (DC.) O.Hoffm. ex Burttt Davy var. **glabra** Bohnen ex Roessler

- Perennial. Herb. Ht 0.5–1 m. Alt 45–1435 m. S, KZN, EC

onopordifolia (DC.) O.Hoffm. ex Burttt Davy var. **onopordifolia**

- Stobaea onopordifolia* DC. (1)
 Perennial. Herb. Ht 0.3–1 m. Alt 303–2135 m. NW, G, M, S, FS, KZN, L, EC

oppositifolia (DC.) Hutch. = **B. spinosissima** subsp. **namaensis** var. **namaensis**

- oppositifolia* Range = **B. spinosissima** subsp. **spinosissima**
- palmata* Dinter, not of Willd., concept invalid = **B. ferox** var. **ferox**
- palmata* (Thunb.) Willd. = **Heterorhachis aculeata**
- pannosa** Hilliard
Perennial. Herb. Ht ± 0.2 m. Alt 1525–2164 m. KZN, EC
- patula* (Thunb.) Willd. = **Cullumia patula** subsp. **patula**
- pauciflora** Roessler
Perennial. Shrub. Ht 0.4–1 m. Alt ± 1260 m. LIM, M
- pectinata* (Thunb.) Willd. = **Cullumia pectinata**
- petiolata* (DC.) Schönland = **B. decurrens**
- pinnata* (Thunb.) Less. = **Heterorhachis aculeata**
- pinnata* (Thunb.) Less. var. *minor* Harv. = **B. cardopatifolia**
- pinnatifida** (Thunb.) Thell. subsp. **ingrata** (Bolus) Roessler
B. ingrata Bolus (1)
Perennial. Herb. Ht 0.3–0.5 m. Alt 1600–2000 m. NW, G, M, FS
- pinnatifida** (Thunb.) Thell. subsp. **pinnatifida**
Stobaea epitrachys DC. (1)
Stobaea pinnatifida Thunb. (1)
Perennial. Herb. Ht 0.2–0.5 m. Alt 100–1600 m. NW, FS, NC, WC, EC
- pinnatifida** (Thunb.) Thell. subsp. **stobaeoides** (Harv.) Roessler
B. stobaeoides Harv. (1)
Perennial. Herb. Ht 0.3–0.5 m. Alt 915–1705 m. NW, FS, L, WC
- platyptera* (Harv.) O.Hoffm. = **B. rhapsontica** subsp. **platyptera**
- polyacantha* (DC.) Schönland = **B. decurrens**
- polyacantha* S.Moore = **B. discolor**
- pungens* (Thunb.) Willd. = **B. carlinoides**
- purpurea** (DC.) Mast.
Stobaea purpurea DC. (1)
Perennial. Herb. Ht 0.3–0.9 m. Alt 1900–2743 m. FS, KZN, L, NC, EC
- radula** (Harv.) De Wild.
B. adlami Hook.f. (1)
Stobaea radula Harv. (1)
Perennial. Herb. Ht 0.25–0.9 m. Alt 370–1830 m. B, LIM, NW, G, M, S, FS, EC
- radyeri** Roessler
Perennial. Herb. Ht ± 0.4 m. Alt ± 2051 m. LIM
- rehmannii* Thell. = **B. zeyheri** subsp. **rehmannii** var. **rehmannii**
- rehmannii* Thell. var. *rogersiana* Thell. = **B. zeyheri** subsp. **rehmannii** var. **rogersiana**
- rhapsontica** (DC.) Hutch. & Burt Davy subsp. **aristosa** (DC.) Roessler var. **aristosa**
Stobaea aristosa DC. (1)
Perennial. Herb. Ht 0.3–0.7 m. Alt 450–2600 m. FS, KZN, L, EC
- rhapsontica** (DC.) Hutch. & Burt Davy subsp. **aristosa** (DC.) Roessler var. **exalata** Roessler
B. evansii Schltr. (1)
Perennial. Herb. Ht 0.1–0.3 m. Alt 550–2400 m. FS, KZN, L, EC
- rhapsontica** (DC.) Hutch. & Burt Davy subsp. **platyptera** (Harv.) Roessler
B. platyptera (Harv.) O.Hoffm. (1)
Stobaea platyptera Harv. (1)
Perennial. Herb. Ht 1–1.2 m. Alt 730–1830 m. S, KZN, EC
- rhapsontica** (DC.) Hutch. & Burt Davy subsp. **rhapsontica**
Stobaea rhapsontica DC. (1)
Perennial. Herb. Ht 0.45–1.2 m. Alt 5–2420 m. G, M, S, FS, KZN, L, EC
- rigida** (Thunb.) Bolus & Wolley-Dod ex Adamson & T.M.Salter
Stobaea rigida Thunb. (1)
Perennial. Herb. Ht 0.2–0.6 m. Alt 1–1675 m. FS, KZN, WC
- robusta** Bohnen ex Roessler
Perennial. Herb. Ht 1–2 m. Alt 5–1936 m. LIM, M, S, KZN, EC
- rosulata** Roessler
B. grandiflora Willd. var. *alternifolia* E.Phillips (1)
Perennial. Shrub. Ht 0.2–0.25 m. Alt 2000–2800 m. FS, KZN, L
- schenckii* O.Hoffm. = **B. spinosissima** subsp. **spinosissima**
- schinzii** O.Hoffm.
Perennial. Shrub. Ht 0.5–1 m. Alt 70–1340 m. N
- scolymoides* DC. = **B. herbacea**
- seminivea** Harv. & Sond.
Crocodylodes harveyanum Kuntze (1)
Perennial. Herb. Ht 0.3–1.2 m. Alt 1600–2210 m. NW, G, M
- setifera** DC.
Crocodylodes setiferum (DC.) Kuntze (1)
Perennial. Herb. Ht 0.6–1.2 m. Alt 460–2135 m. LIM, G, M, S, FS, KZN, L, EC
- setosa* (L.) Willd. = **Cullumia setosa** var. **setosa**
- sonchifolia* (Harv.) MacOwan = **B. erysithales**
- speciosa** (DC.) O.Hoffm. subsp. **lanceolata** Roessler
Perennial. Herb. Ht 0.6–1 m. Alt 795–1980 m. G, M, S, FS, KZN
- speciosa** (DC.) O.Hoffm. subsp. **ovata** Roessler
Perennial. Herb. Ht 0.15–1 m. Alt 450–2179 m. KZN, EC
- speciosa** (DC.) O.Hoffm. subsp. **speciosa**
Stobaea speciosa DC. (1)
Perennial. Herb. Ht 0.6–1 m. Alt 15–2200 m. FS, KZN, L, EC
- sphaerocephala** (DC.) Roessler
Stobaea sphaerocephala DC. (1)
Perennial. Herb. Ht 0.4–1.2 m. Alt 5–1900 m. KZN, EC
- spinosa** (L.f.) Druce
B. obovata (Thunb.) Willd. (1)
Gorteria spinosa L.f. (1)
Perennial. Shrub. Ht 0.3–1 m. Alt 370–1945 m. NC, WC
- spinosissima** (Thunb.) Willd. subsp. **namaensis** Roessler var. **argentifolia** Roessler
Perennial. Shrub. Ht 1–1.7 m. Alt 550–680 m. NC
- spinosissima** (Thunb.) Willd. subsp. **namaensis** Roessler var. **namaensis**

- B. oppositifolia* (DC.) Hutch. (1)
Stobaea oppositifolia DC. (1)
 Perennial. Shrub. Ht 0.4–1.5 m. Alt 275–1025 m. N, NC
- spinosissima** (Thunb.) Willd. subsp. **spinosissima**
B. horrida Muschl. (5)
B. oppositifolia Range (5)
B. schenckii O.Hoffm. (5)
Rohria spinosissima Thunb. (5)
 Perennial. Shrub. Ht 0.6–1 m. Alt 600–2000 m. N, NC, WC
- spinulosa* N.E.Br. = **B. discolor**
- squarrosa* (L.) Willd. = **Cullumia squarrosa**
- stobaeoides* Harv. = **B. pinnatifida** subsp. **stobaeoides**
- subteretifolia* Thell. = **B. zeyheri** subsp. **zeyheri**
- subulata** Harv. var. **subulata**
Crocodylodes subulatum (Harv.) Kuntze (1)
 Perennial. Herb. Ht 0.3–0.6 m. Alt 915–1882 m. M, KZN
- subulata** Harv. var. **wilmsiana** Roessler
 Perennial. Herb. Ht 0.3–0.6 m. Alt 1200–1600 m. M, KZN
- subulata* J.M.Wood, not of Harv., concept invalid = **B. insignis**
- sulcata* (Thunb.) Willd. = **Cullumia sulcata** var. **sulcata**
- tysonii** Hutch.
 Perennial. Shrub. Ht ± 0.3 m. Alt 1300–2073 m. WC
- umbellata** DC.
Crocodylodes umbellatum (DC.) Kuntze (1)
 Perennial. Herb. Ht 0.25–0.8 m. Alt 45–855 m. KZN, EC
- viscosa** (DC.) Hutch.
Stobaea viscosa DC. (1)
 Perennial. Herb. Ht ± 2 m. Alt 807–1077 m. WC
- zeyheri** (Sond. & Harv.) Oliv. & Hiern subsp. **rehmannii** (Thell.) Roessler var. **rehmannii**
B. rehmannii Thell. (1)
 Perennial. Herb. Ht 0.2–0.45 m. Alt 305–1525 m. LIM, M, S, KZN
- zeyheri** (Sond. & Harv.) Oliv. & Hiern subsp. **rehmannii** (Thell.) Roessler var. **rogersiana** (Thell.) Roessler
B. rehmannii Thell. var. *rogersiana* Thell. (1)
 Perennial. Herb. Ht 1–1.3 m. Alt 885–1220 m. M, S
- zeyheri** (Sond. & Harv.) Oliv. & Hiern subsp. **zeyheri**
B. subteretifolia Thell. (1)
Stobaea zeyheri Sond. & Harv. (1)
 Perennial. Herb. Ht 0.3–0.5 m. Alt 535–2042 m. LIM, NW, G, M, S, KZN
- BERKHEYOPSIS** O.Hoffm. 9436000
angolensis O.Hoffm. = **Hirpicium gorterioides** subsp. **gorterioides**
bechuanensis S.Moore = **Hirpicium bechuanense**
brevisquama Mattf. = **Hirpicium bechuanense**
echinus (Less.) O.Hoffm. = **Hirpicium echinus**
gorterioides (Oliv. & Hiern) Thell. = **Hirpicium gorterioides** subsp. **gorterioides**
gossweileri S.Moore = **Hirpicium gorterioides** subsp. **gorterioides**
kuntzei O.Hoffm. = **Hirpicium echinus**
- langii* Bremek. & Oberm. = **Hirpicium gorterioides** subsp. **gorterioides**
- linearifolia* (Bolus) Burt Davy = **Hirpicium linearifolium**
- pechuelii* (Kuntze) O.Hoffm. = **Hirpicium gazanioides**
- rehmannii* Thell. = **Hirpicium bechuanense**
- schinzii* O.Hoffm. = **Hirpicium gorterioides** subsp. **schinzii**
- BIDENS** L. 9237000
 Compiled by N. Netnou
 (1) Sherff. 1923. *Botanical Gazette* 76: 146.
 (2) Wild. 1967. *Kirkia* 6,1: 13–34.
 (3) Hilliard. 1977. *Compositae in Natal*: 102.
 (4) Mesfin. 1993. *Kew Bulletin* 48,3: 437–506.
 (5) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 254–261.
- ***bipinnata** L.
 Annual. Herb. Ht 0.05–1.5 m. Alt 4–2125 m. B, LIM, NW, M, S, FS, KZN, L, NC, EC
- ***biternata** (Lour.) Merr. & Sherff
Coreopsis biternata Lour. (2)
 Annual. Herb. Ht 0.4–1.5 m. Alt 945–1300 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC
- formosa* (Bonato) Sch.Bip. = **Cosmos bipinnatus**
- insecta* (S.Moore) Sherff = **B. kirkii**
- kirkii** (Oliv. & Hiern) Sherff
B. insecta (S.Moore) Sherff (4)
B. schlechteri Sherff (2)
Coreopsis kirkii Oliv. & Hiern (2)
 Perennial. Herb. Ht up to 1 m. Alt up to 1525 m. LIM, M
- leucantha* (L.) Willd. = **B. pilosa**
- ***pilosa** L.
B. leucantha (L.) Willd. (2)
 Annual. Herb. Ht 0.4–1.5 m. Alt 5–1770 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC
- prolixa* S.Moore = **B. schimperi**
- schimperi** Sch.Bip. ex Walp.
B. prolixa S.Moore (2)
 Annual. Herb. Ht up to 1.5 m. Alt 305–940 m. N, B, LIM, KZN
- schlechteri* Sherff = **B. kirkii**
- sulphurea* (Cav.) Sch.Bip. = **Cosmos sulphureus**
- BLAINVILLEA** Cass. 9190000
 Compiled by N. Netnou
 (1) Wild. 1967. *Kirkia* 6,1: 38, 39.
- gayana** Cass.
Wedelia gossweileri S.Moore (1)
 Annual. Herb. Ht 0.4–2 m. Alt ± 1050 m. B, LIM
- BLAXIUM** Cass. 9425020
decumbens Cass. = **Dimorphotheca fruticosa**
- BLUMEA** DC. 8939000
 Compiled by P.P.J. Herman
 (1) Wild. 1969. *Kirkia* 7: 125–132.
 (2) Anderberg. 1991. *Plant Systematics and Evolution* 176: 105, 106.
 (3) Mesfin. 1999. *Compositae Newsletter* 33: 29.
- alata* of authors, not of (D.Don) DC. = **Laggera crispata**
- aurita* (L.f.) DC. = **Pseudoconyza viscosa**

cafra (DC.) O.Hoffm. = **Doellia cafra**
crispata (Vahl) Merxm. = **Laggera crispata**
decurrens (Vahl) Merxm. = **Laggera decurrens**
dregeanoides Sch.Bip. ex A.Rich.
B. lacera in sense of Oliv. & Hiern (1)
B. mollis (D.Don) Merrill (3)
Erigeron molle D.Don (1)
 Perennial. Herb. Ht up to 1 m. Alt 10–900 m. N, LIM,
 NW, G, M, S, KZN

gariepina DC. = **Laggera decurrens**
lacera in sense of Oliv. & Hiern = **B. dregeanoides**
mollis (D.Don) Merrill = **B. dregeanoides**
natalensis Sch.Bip. = **Doellia cafra**
pterodonta DC. = **Laggera crispata**
suessenguthii Merxm. = **Nicolasia heterophylla** subsp.
heterophylla
viscosa (Mill.) V.M.Badillo = **Pseudoconyza viscosa**

BOJERIA DC. 9061020
lanceolata (Harv.) Benth. ex B.D.Jacks. = **Pegolettia**
lanceolata
nutans Bolus = **Printzia nutans**

BOTHRIOCLINE Oliv. ex Benth. 8746000
 Compiled by N. Netnou

- (1) Brown. 1894. *Kew Bulletin* 1894: 388, 389.
- (2) Wild. 1977. *Kirkia* 10,2: 370, 371.
- (3) Pope. 1992. *FZ* 6,1: 164, 165.
- (4) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 263–265.

laxa N.E.Br.
Erlangea laxa (N.E.Br.) S.Moore (2)
 Annual. Herb. Ht 0.6–1.2 m. Alt up to 1220 m. LIM,
 M, S

BRACHYLAENA R.Br. 8936000
 Compiled by P.P.J. Herman

- (1) Phillips & Schweickerdt. 1937. *Bothalia* 3: 205–221.
- (2) Dyer. 1947. *The Flowering Plants of Africa* 26: t. 1005.
- (3) Paiva. 1972. *Boletim da Sociedade Broteriana* 46: 368–384.
- (4) Pope. 1992. *FZ* 6,1: 5–8.
- (5) Cilliers. 1993. *Bothalia* 23: 175–184.
- (6) Herman. 1998. *Bothalia* 28: 42–45.
- (7) Beentje. 2000. *Kew Bulletin* 55: 1–41.

dentata DC. = **B. elliptica**
dentata DC. var. *salicina* DC. = **B. elliptica**
dentata (Thunb.) Harv. = **B. glabra**
discolor DC.
B. discolor DC. subsp. *discolor* var. *discolor* (6)
B. discolor DC. subsp. *discolor* var. *mossambicensis* Paiva (4, 6)
B. natalensis Sch.Bip. (1, 3, 4)
 Perennial. Tree or shrub. Ht 1.8–20 m. Alt 4–60 m.
 LIM, S, KZN, EC

discolor DC. subsp. *discolor* var. *discolor* = **B. discolor**
discolor DC. subsp. *discolor* var. *mossambicensis* Paiva
 = **B. discolor**

discolor DC. subsp. *transvaalensis* (E.Phillips &
 Schweick.) Paiva = **B. transvaalensis**

elliptica (Thunb.) DC.
B. dentata DC. (1, 5, 7)
B. dentata DC. var. *salicina* DC. (1, 7)
B. elliptica (Thunb.) DC. var. *salicina* (DC.) Harv. (7)
Tarchonanthus ellipticus Thunb. (1, 5, 7)

Perennial. Tree or shrub. Ht 1.8–7 m. Alt 1–1200 m.
 KZN, EC

elliptica (Thunb.) DC. var. *salicina* (DC.) Harv. = **B. elliptica**

glabra (L.f.) Druce
B. dentata (Thunb.) Harv. (1)
B. grandifolia DC. (1, 5, 7)
Tarchonanthus dentatus Thunb. (1, 5, 7)
Tarchonanthus glaber L.f. (1, 5, 7)
 Perennial. Tree or shrub. Ht 3–13 m. Alt 60–900 m.
 KZN, EC

grandifolia DC. = **B. glabra**
huillensis O.Hoffm.
B. hutchinsii Hutch. (3, 4, 5, 7)
Tarchonanthus camphoratus in sense of Hiern (3, 4, 5, 7)
 Perennial. Tree or shrub. Ht 5–15 m. Alt 25–1525 m.
 B, LIM, S, KZN

hutchinsii Hutch. = **B. huillensis**
ilicifolia (Lam.) E.Phillips & Schweick.
Baccharis ilicifolia Lam. (1, 5, 7)
B. racemosa (Thunb.) DC. (1)
Tarchonanthus racemosus Thunb. (5, 7)
 Perennial. Tree or shrub. Ht 1.5–4 m. Alt 20–1350 m.
 LIM, S, KZN, EC

natalensis Sch.Bip. = **B. discolor**
neriifolia (L.) R.Br.
Baccharis neriifolia L. (1, 5, 7)
Conyza neriifolia (L.) L'Hér. ex Steud. (1, 7)
Oligocarpha neriifolia (L.) Cass. (1, 5, 7)
Tarchonanthus dentatus Eckl. & Zeyh. ex DC. (1)
Tarchonanthus lanceolatus Thunb. (1, 5, 7)
 Perennial. Tree or shrub. Ht 2–8 m. Alt 5–600 m. WC

racemosa (Thunb.) DC. = **B. ilicifolia**
rhodesiana S.Moore = **B. rotundata**
rotundata S.Moore
B. rhodesiana S.Moore (3, 4, 5)
 Perennial. Tree or shrub. Ht 3–15 m. Alt 500–1830 m.
 B, LIM, NW, G, M, S, FS

transvaalensis E.Phillips & Schweick.
B. discolor DC. subsp. *transvaalensis* (E.Phillips & Schweick.)
 Paiva (4, 6)
 Perennial. Tree. Ht up to 30.48 m. Alt 720–1900 m.
 LIM, M, S, KZN

uniflora Harv.
 Perennial. Tree. Ht 4.27–30 m. Alt 30–1035 m. KZN,
 EC

BRACHYMERIS DC. 9370010
athanasioides (S.Moore) Hutch. = **Phymaspermum**
athanasioides

bolusii Hutch. = **Phymaspermum bolusii**
erubescens Hutch. = **Phymaspermum erubescens**
montana Hutch. = **Phymaspermum montanum**
peglerae Hutch. = **Phymaspermum peglerae**
scoparia DC. = **Phymaspermum scoparium**

BRACHYRHYNCHOS Less. 9411060
junceus DC. = **Senecio junceus**
eupatorioides Less. = **Senecio othonniflorus**
tuberosus DC. = **Senecio tuberosus**

BRYOMORPHE Harv. 9047000

Compiled by M. Koekemoer

- (1) Levyns. 1942. *Journal of South African Botany* 8: 282, 283.
 (2) Koekemoer. 2002. *Systematics of the Metalasia group in the Relhaniinae*. Unpublished Ph.D. thesis, Rand Afrikaans University.

aretioides (Turcz.) Druce*B. zeyheri* Harv. (2)*Helichrysum aretioides* Turcz. (1)

Perennial. Dwarf shrub. Ht 0.05–0.07 m. Alt 50–2300 m. WC

lycopodioides (Sch.Bip. ex Walp.) Levyns = **Dolichothrix ericoides***zeyheri* Harv. = **B. aretioides****CACALIA** L. 9409000*acaulis* L.f. = **Senecio acaulis***arbuscula* Thunb. = **Othonna arbuscula***aristata* (DC.) Kuntze = **Vernonia natalensis***bipinnata* Thunb. = **Senecio bipinnatus***capensis* (Houtt.) Kuntze = **Vernonia capensis***cissampelina* DC. = **Mikaniopsis cissampelina***corymbosa* (L.f.) Kuntze = **Vernonia tigna***cylindrica* Lam. = **Othonna cylindrica***elaeagnoides* (DC.) Kuntze = **Vernonia oligocephala***gerrardii* (Harv.) Kuntze = **Vernonia gerrardii***harveyi* Kuntze = **Vernonia galpinii***mespilifolia* (Less.) Kuntze = **Vernonia mespilifolia***nudicaulis* (DC.) Kuntze = **Vernonia dregeana***pinnatifida* P.J.Bergius = **Senecio pinnatifidus***quinqueloba* Thunb. = **Senecio quinquelobus***scandens* Aiton = **Senecio deltoideus***tomentosa* Thunb. = **Senecio thunbergii****CADISCUS** E.Mey. ex DC. 9287000

Compiled by E. Retief

- (1) Nordenstam. 1968. *Opera Botanica* 20: 33.
 (2) Goldblatt & Manning. 2000. *Strelitzia* 9: 311.

aquaticus E.Mey. ex DC.

Annual. Herb, aquatic. Floating stems up to 0.6 m long. Alt 105–260 m. WC

***CALENDULA** L. 9423000

Compiled by P.P.J. Herman

- (1) Norlindh. 1943. *Studies in the Calenduleae*: 32.
 (2) Meikle. 1976. *Flora europaea* 4: 206, 207.

amplexicaulis Thunb. = **Tripteris amplexicaulis***arborescens* Jacq. = **Tripteris dentata****arvensis** L.

Annual. Herb. Ht 0.05–0.3 m. Alt? KZN

aspera Thunb. = **Osteospermum rigidum** var. **rigidum***chrysanthemifolia* Vent. = **Dimorphotheca chrysanthemifolia***cuneata* Thunb. = **Dimorphotheca cuneata***decurrens* Thunb. = **Dimorphotheca pluvialis***diffusa* Salisb. = **Dimorphotheca fruticosa***flaccida* Vent. = **Dimorphotheca tragus***fruticosa* L. = **Dimorphotheca fruticosa***glabrata* Thunb. = **Tripteris oppositifolia***graminifolia* L. = **Dimorphotheca nudicaulis** var. **graminifolia***hispida* Thunb. = **Aster bakerianus***hybrida* L. = **Dimorphotheca pluvialis***muricata* Thunb. = **Osteospermum grandiflorum***nudicaulis* L. = **Dimorphotheca nudicaulis** var. **nudicaulis***oppositifolia* Aiton = **Tripteris oppositifolia***parviflora* Thunb. = **Oligocarpus calendulaceus***pinnata* Thunb. = **Osteospermum pinnatum** var. **pinnatum***pluvialis* L. = **Dimorphotheca pluvialis***rigida* Aiton = **Osteospermum grandiflorum***rosmarinifolia* Houtt. = **Osteospermum polygaloides** var. **polygaloides***scabra* P.J.Bergius = **Dimorphotheca acutifolia***tomentosa* L.f. = **Tripteris tomentosa***tragus* Aiton = **Dimorphotheca tragus***tragus* Aiton var. *flaccida* (Vent.) Pers. = **Dimorphotheca tragus***versicolor* Salisb. = **Dimorphotheca pluvialis***viscosa* H.C.Andrews = **Dimorphotheca cuneata****CALLILEPIS** DC. 9094000

Compiled by P.P.J. Herman

- (1) Harvey. 1865. *FC* 3: 136.
 (2) Oliver. 1885. *Hooker's Icones Plantarum* 15: t. 1482.
 (3) Burt Davy. 1936. *Kew Bulletin* 1936: 84, 85.
 (4) Claassen. 1969. *The Flowering Plants of Africa* 39: t. 1554.
 (5) Leins. 1971. *Mitteilungen der Botanischen Staatssammlung München* 9: 108.
 (6) Hilliard. 1977. *Compositae in Natal*: 286–288.
 (7) Anderberg. 1991. *Opera Botanica* 104: 46.

caerulea (Hutch.) Leins*Zoutpansbergia caerulea* Hutch. (5, 7)

Shrub or tree. Ht 0.6–4 m. Alt 1160–1750 m. LIM

glabra DC. = **C. laureola***hispida* DC. = **C. laureola****lancifolia** Burt Davy

Perennial. Herb. Ht 0.3–0.6 m. Alt? LIM, NW, M

laureola DC.*C. glabra* DC. (6)*C. hispida* DC. (6)*C. laureola* DC. var. *glabra* (DC.) Harv. (6)*C. laureola* DC. var. *hispida* (DC.) Harv. (6)

Perennial. Herb. Ht 0.3–1 m. Alt 0–2150 m. M, S, FS, KZN, EC

laureola DC. var. *glabra* (DC.) Harv. = **Callilepis laureola***laureola* DC. var. *hispida* (DC.) Harv. = **Callilepis laureola****leptophylla** Harv.

Perennial. Herb. Ht 0.2–1 m. Alt 450–2000 m. LIM, G, M, S, KZN

salicifolia Oliv.

- Perennial. Herb. Ht 0.3–1 m. Alt 760–1830 m. LIM, G, M, S, KZN
- CALLISIA** L. 9052030
gnaphalodes L. = **Leysera gnaphalodes**
- CALOMERIA** Vent. 9019000
infausta (J.M.Wood & M.S.Evans) Heine = **Helichrysum infaustum**
- CALOSTEPHANE** Benth. 9069000
Compiled by P.P.J. Herman
(1) Hoffmann. 1889. *Botanische Jahrbücher* 10: 276.
(2) Merxmüller. 1967. *FSWA* 139: 37, 38.
(3) Hilliard. 1977. *Compositae in Natal*: 279, 280.
divaricata Benth.
C. divaricata Benth. var. *schinzii* (O.Hoffm.) Thell. (2, 3)
C. foliosa Klatt (2, 3)
C. schinzii O.Hoffm. (2, 3)
Annual. Herb. Ht 0.05–1 m. Alt 70–1435 m. N, B, LIM, M, S, KZN
divaricata Benth. var. *schinzii* (O.Hoffm.) Thell. = **C. divaricata**
foliosa Klatt = **C. divaricata**
marlothiana O.Hoffm.
Annual. Herb or suffrutex. Ht 0.1–1 m. Alt 90–1000 m. N
schinzii O.Hoffm. = **C. divaricata**
- CALOTESTA** P.O.Karis 9043010
Compiled by M. Koekemoer
(1) Karis. 1990. *Botanical Journal of the Linnean Society* 102: 23–36.
alba P.O.Karis
Perennial. Shrub. Ht 0.3–0.5 m. Alt 1800–2000 m. WC
- *CAMPULOCLINIUM** DC. 8816040
Compiled by E. Retief
(1) Hilliard. 1977. *Compositae in Natal*: 54.
(2) King & Robinson. 1987. *Monographs in systematic botany from the Missouri Botanical Garden* 22: 126–128.
(3) Henderson. 2001. *Alien weeds and invasive plants*: 43.
macrocephalum (Less.) DC.
Eupatorium macrocephalum Less. (2)
Perennial. Herb. Ht 1–1.3 m. Alt 280–1500 m. LIM, G, KZN
- CAPELIO** B.Nord. 9391010
Compiled by P.P.J. Herman
(1) Nordenstam. 2002. *Compositae Newsletter* 38: 71–75.
(2) Nordenstam. 2003. *Compositae Newsletter* 39: 48–51.
caledonica B.Nord.
Perennial. Subshrub. Ht 0.3–1 m. Alt 0–750 m. WC
tabularis (Thunb.) B.Nord.
Alciopie tabularis (Thunb.) DC. (1)
Arnica tabularis Thunb. (1)
Celmisia rotundifolia Cass. (2)
Perennial. Shrub or dwarf shrub. Ht 0.38–0.45 m. Alt 90–1035 m. WC
tomentosa (Burm.f.) B.Nord.
- Alciopie lanata* (Thunb.) DC. (1)
Arnica lanata Thunb. (1)
Conyza tomentosa Burm.f. (1)
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt up to 610 m. WC
- *CARDUUS** L. 9461000
Compiled by E. Retief
(1) Franco & Rocha Afonso. 1976. *Flora europaea* 4: 220–232.
(2) Hilliard. 1977. *Compositae in Natal*: 576, 577.
lanceolatum L. = **Cirsium vulgare**
macrocephalus Desf.
Annual. Herb. Ht 1–2 m. Alt 121–650 m. EC
marianus L. = **Silybum marianum**
pycnocephalus of author, not of L. = **C. tenuiflorus**
tenuiflorus Curtis
C. pycnocephalus of author, not of L. (2)
Annual. Herb. Ht ± 1.5 m. Alt 460–915 m. M, KZN, WC, EC
vulgaris Savi = **Cirsium vulgare**
- CARLINA** L. 9449000
aculeata Burm.f. = **Heterorhachis aculeata**
- CARPHOPAPPUS** Sch.Bip. 9065020
baccaridifolius (Less.) Sch.Bip. = **Pegolettia baccaridifolia**
- *CARTHAMUS** L. 9477000
Compiled by E. Retief
(1) Hanelt. 1976. *Flora europaea* 4: 302, 303.
lanatus L.
Kentrophyllum lanatum (L.) DC. (1)
Annual. Herb. Ht ± 0.3 m. Alt 330–783 m. WC, EC
- CASSINIA** R.Br. 8994020
alba O.Hoffm. = **Helichrysum platypterum**
phylicifolia (DC.) J.M.Wood = **Tenrhynea phylicifolia**
- CASTALIS** Cass. 9425010
nudicaulis (L.) Norl. var. *graminifolia* (L.) Norl. = **Dimorphotheca nudicaulis** var. **graminifolia**
nudicaulis (L.) Norl. var. *nudicaulis* = **Dimorphotheca nudicaulis** var. **nudicaulis**
spectabilis (Schltr.) Norl. = **Dimorphotheca spectabilis**
tragus (Aiton) Norl. var. *pinnatifida* Norl. = **Dimorphotheca tragus**
tragus (Aiton) Norl. var. *tragus* = **Dimorphotheca tragus**
ventenati Cass. = **Dimorphotheca tragus**
- CELMISIA** Cass. 9391020
rotundifolia Cass. = **Capelio tabularis**
- CENIA** Comm. 9351010
albovillosa S.Moore = **Cotula microglossa**
discoidea Less. = **Cotula nudicaulis**
duckittiae L.Bolus = **Cotula duckittiae**
expansa Compton = **Cotula duckittiae**

microglossa DC. = **Cotula microglossa**

pectinata DC. = **Cotula mariae**

sericea (L.f.) DC. = **Cotula sericea**

turbinata (L.) Pers. = **Cotula turbinata**

***CENTAUREA L.** 9476000

Compiled by E. Retief

(1) Moore & Frankton. 1974. *The thistles of Canada*: 75–97.

(2) Hilliard. 1977. *Compositae in Natal*: 580, 581.

calcitrapa L.

Annual. Herb. Ht 0.2–0.4 m. Alt 365–1280 m. FS, NC, WC, EC

cyanus L.

Cyanus segetum Hill (1)

Annual. Herb. Ht ± 0.6 m. Alt ± 300–1400 m. M, FS, EC

melitensis L.

Annual. Herb. Ht 0.3–0.6 m. Alt 6–1620 m. NW, G, FS, KZN, NC, WC, EC

repens L.

Perennial. Herb, graminoid. Ht 0.3–0.5 m. Alt 0–1065 m. NW, FS, NC, WC, EC

salmantica L. = **Mantisalca salmantica**

solstitialis L.

Annual. Herb. Ht ± 0.9 m. Alt ± 1645 m. G, M, FS, EC

CERADIA Lindl. 9420010

furcata Lindl. = **Othonna furcata**

CHARIEIS Cass. 8881000

caerulea Cass. = **Felicia heterophylla**

heterophylla Cass. = **Felicia heterophylla**

neesii Cass. = **Felicia heterophylla**

***CHROMOLAENA DC.** 8816020

Compiled by E. Retief

(1) King & Robinson. 1987. *Monographs in systematic botany from the Missouri Botanical Garden* 22: 383–388.

(2) Henderson. 2001. *Alien weeds and invasive plants*: 171.

odorata (L.) R.M.King & H.Rob.

Eupatorium conyzoides Vahl (1)

Eupatorium odoratum L. (1)

Perennial. Shrub. Ht 1.5–4 m. Alt 60–750 m. LIM, M, S, KZN, EC

***CHRYSANTHELLUM Rich.** 9232000

Compiled by N. Netnou

(1) Merxmüller. 1967. *FSWA* 139: 38.

(2) Turner. 1988. *Phytologia* 64: 426–434.

indicum DC.

Annual. Herb. Ht up to 0.25 m. Alt up to 1465 m. N, NW, NC

CHRYSANTHEMOIDES Fabr. 9427020

Compiled by P.P.J. Herman

(1) Norlindh. 1943. *Studies in the Calenduleae*: 367–403.

(2) Merxmüller. 1967. *FSWA* 139: 38, 39.

(3) Herman *et al.* 1997. *List of southern African succulent plants*: 39.

incana (Burm.f.) Norl.

Osteospermum incanum Burm.f. (1, 2)

Osteospermum lanosum (DC.) Compton & E.Phillips (1)

Osteospermum marlothianum Muschl. ex Dinter (2)

Osteospermum moniliferum L. var. *lanosum* DC. in part (1, 2)

Osteospermum rangei Muschl. (1, 2)

Perennial. Shrub, succulent. Ht 0.25–0.5 m. Alt 15–1100 m. N, NC, WC

monilifera (L.) Norl. subsp. canescens (DC.) Norl.

Osteospermum pisiferum L. var. *canescens* DC. (1)

Perennial. Shrub, succulent. Ht 0.3–3.65 m. Alt 765–2210 m. M, FS, KZN, L, EC

monilifera (L.) Norl. subsp. monilifera

Lepisiphon dentatus Turcz. (1)

Osteospermum moniliferum L. (1)

Perennial. Shrub, succulent. Ht 0.1–3 m. Alt 5–1760 m. WC, EC

monilifera (L.) Norl. subsp. pisifera (L.) Norl.

C. pisiformis Medik. (1)

Osteospermum moniliferum L. var. *pisiferum* (L.) Harv. (1)

Osteospermum pisiferum L. (1)

Perennial. Shrub, succulent. Ht 0.3–3 m. Alt 5–1370 m. NC, WC, EC

monilifera (L.) Norl. subsp. rotundata (DC.) Norl.

Osteospermum moniliferum L. var. *rotundatum* (DC.) Harv. (1)

Osteospermum rotundatum DC. (1)

Perennial. Shrub, succulent. Ht 0.25–3 m. Alt 5–500 m. KZN, EC

monilifera (L.) Norl. subsp. septentrionalis Norl.

Osteospermum moniliferum L. forma *foliis-subintegris* Engl. (1)

Perennial. Shrub, succulent. Ht 0.5–3 m. Alt 1200–2400 m. LIM

monilifera (L.) Norl. subsp. subcanescens (DC.) Norl.

Osteospermum moniliferum L. var. *angustifolium* DC. (1)

Osteospermum subcanescens DC. (1)

Perennial. Shrub, succulent. Ht 1–3 m. Alt 15–1219 m. WC, EC

pisiformis Medik. = **C. monilifera** subsp. **pisifera**

***CHRYSANTHEMUM L.** 9341000

Compiled by P.P.J. Herman

(1) Bailey. 1977. *Hortus third*: 267, 268.

(2) Wells *et al.* 1986. *Memoirs of the Botanical Survey of South Africa* No. 53: 148, 149.

carnosulum DC. var. *filifolium* Harv. = **Cymbopappus adenosolen**

cinerariifolium (Trevir.) Vis. = **Tanacetum cinerariifolium**

coronarium L.

Annual. Herb. Ht up to 1 m. Alt 30–45 m. WC, EC

decurrens Hutch. = **Adenoglossa decurrens**

glabratum Thunb. = **Oncosiphon glabratum**

hirtum Thunb. = **Oncosiphon africanum**

incanum Thunb. = **Pentzia incana**

lasiopodium Hutch. = **Cymbopappus piliferus**

leptophyllum DC. = **Leucoptera nodosa**

leptophyllum DC. var. *indivisum* DC. = **Leucoptera subcarnosa**

leucanthemum L. = **Leucanthemum vulgare**

lidbeckioides Less. = **Osteospermum pinnatum** var. **pinnatum**

nodosum (Thunb.) DC. = **Leucoptera nodosa**

osmitoides Harv. = **Adenanthellum osmitoides**

segetum L.

Annual. Herb. Ht up to 0.6 m. Alt 50–500 m. M, WC, EC

CHRYSOCOMA L. 8930000

Compiled by P.P.J. Herman

- (1) Bayer. 1981. *Mitteilungen der Botanischen Staatssammlung München* 17: 259–392.
 (2) Wijnands. 1985. *Taxon* 34: 311.

acicularis Ehr.Bayer

Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 1200–1250 m. WC

aurea Salisb. = **C. coma-aurea**

candelabrum Ehr.Bayer

Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 1200–1250 m. WC

cernua L.

C. coma-aurea L. var. *cernua* (L.) DC. (1)

Perennial. Dwarf shrub. Ht 0.2–0.35 m. Alt 60–1200 m. NC, WC

ciliata L.

Aster discoideus Sond. (1)

C. microcephala DC. (1)

C. tenuifolia P.J.Bergius (2)

Perennial. Shrub. Ht 0.1–0.6 m. Alt 5–3124 m. N, NW, G, M, FS, KZN, L, NC, WC, EC

ciliata E.Mey. = **C. oblongifolia**

ciliata of author, not of L.; Dinter, concept invalid = **Nolletia tenuifolia**

coma-aurea L.

C. aurea Salisb. (1)

C. coma-aurea L. var. *patula* (P.J.Bergius) DC. (1)

C. patula P.J.Bergius (1)

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 5–1400 m. WC

coma-aurea L. var. *cernua* (L.) DC. = **C. cernua**

coma-aurea L. var. *patula* (P.J.Bergius) DC. = **C. coma-aurea**

decurrens DC. = **Heteromma decurrens**

decurrens DC. var. *pteroaula* (DC.) Harv. = **Heteromma decurrens**

dinteri Muschl. = **Nolletia arenosa**

esterhuyseniae Ehr.Bayer

Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 30–60 m. WC

flava Ehr.Bayer

Perennial. Dwarf shrub. Ht 0.25–0.4 m. Alt 100–200 m. WC

incana Burm. = **Pteronia incana**

longifolia DC.

C. longifolia DC. var. *patula* DC. (1)

C. subumbellata Thell. (1)

Perennial. Shrub. Ht 0.25–1 m. Alt 120–1550 m. NC, WC

longifolia DC. var. *patula* DC. = **C. longifolia**

microcephala DC. = **C. ciliata**

microphylla Thunb.

C. peduncularis DC. (1)

Perennial. Dwarf shrub. Ht 0.25–0.3 m. Alt 100–1200 m. N, NC, WC

mozambicensis Ehr.Bayer

Perennial. Shrub. Ht up to 0.8 m. Alt 12–200 m. KZN

oblongifolia DC.

C. ciliata E.Mey. (1)

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 455–1500 m. WC

obtusata (Thunb.) Ehr.Bayer

Aster obtusatus Thunb. (1)

C. polygalifolia S.Moore (1)

Perennial. Shrub. Ht 0.15–0.6 m. Alt 370–2000 m. N, B, NW, FS, KZN, NC, WC

patula P.J.Bergius = **C. coma-aurea**

peduncularis DC. = **C. microphylla**

pinnatifida DC. = **C. tridentata**

polygalifolia S.Moore = **C. obtusata**

pteroaula DC. = **Heteromma decurrens**

puberula Merxm.

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 244–785 m. N, NC

puberula Schltr. ex Hutch., naked name = **C. schlechteri**

rigidula (DC.) Ehr.Bayer

Aster hyssopifolius P.J.Bergius var. *canescens* Harv. (1)

Aster hyssopifolius P.J.Bergius var. *rigidulus* (DC.) Harv. (1)

Felicia rigidula DC. (1)

Felicia rigidula DC. var. *subcanescens* DC. (1)

Perennial. Dwarf shrub. Ht up to 0.35 m. Alt 15–600 m. EC

scabra Thunb. = **Polyarrhena reflexa** subsp. **reflexa**

schlechteri Ehr.Bayer

C. puberula Schltr. ex Hutch., naked name (1)

Perennial. Dwarf shrub. Ht up to 0.25 m. Alt 609–1200 m. NC

sparsifolia Hutch.

Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 300–1500 m. NC, WC

strigosa Ehr.Bayer

Perennial. Dwarf shrub. Ht up to 0.15 m. Alt 15–155 m. WC

subumbellata Thell. = **C. longifolia**

tenuifolia P.J.Bergius = **C. ciliata**

tomentosa L.

Perennial. Dwarf shrub. Ht up to 0.2 m. Alt 200–900 m. NC

tridentata DC.

C. pinnatifida DC. (1)

Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 130–1200 m. WC

undulata Thunb. = **Nidorella undulata**

valida Ehr.Bayer

Perennial. Dwarf shrub. Ht 0.2–0.35 m. Alt 300–1500 m. NC, WC

***CICHORIUM L.** 9553000

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 597, 598.

(2) Wagenitz & Bedarff. 1989. In *The Davis & Hedge Festschrift*: 11–21.

(3) Pope. 1992. *FZ* 6,1: 194–196.

intybus L. subsp. **intybus**

Perennial. Herb. Ht up to 1.2 m. Alt 150–1512 m. NW, G, FS, KZN, L, NC, WC, EC

CINERARIA L.

9406000

Compiled by P.P.J. Herman

- (1) Harvey. 1865. *FC* 3: 307–314.
- (2) Moore. 1903. *Journal of Botany, London* 41: 400, 401, 406.
- (3) Hutchinson. 1931. *Kew Bulletin* 1931: 251.
- (4) Dyer. 1934. *Kew Bulletin* 1934: 266.
- (5) Burt Davy. 1936. *Kew Bulletin* 1936: 80, 81.
- (6) Merxmüller. 1960. *Mitteilungen der Botanischen Staatssammlung München* 3: 605, 606.
- (7) Merxmüller. 1967. *FSWA* 139: 41, 42.
- (8) Hilliard. 1977. *Compositae in Natal*: 372–387.
- (9) Hilliard. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40: 248.
- (10) Bond & Goldblatt. 1984. *Journal of South African Botany Suppl.* vol. 13: 160, 161.
- (11) Jeffrey. 1986. *Kew Bulletin* 41: 930, 931.
- (12) Hilliard. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45: 185–187.
- (13) Cron. 1994. *South African Journal of Botany* 60: 161–167.
- (14) Cron & Balkwill. 1997. *South African Journal of Botany* 63: 400–403.
- (15) Cron *et al.* 1999. *South African Journal of Botany* 65: 287–290.

abrotanifolia (L.) P.J.Bergius = **Euryops abrotanifolius**

albicans N.E.Br.

Perennial. Herb or dwarf shrub. Ht 0.3–0.6 m. Alt 500–2500 m. NW, G, KZN, L, EC

albicans of author, not of N.E.Br., concept invalid = **C. canescens**

albomontana Hilliard

Perennial. Herb. Ht 0.1–0.2 m. Alt 2200–3350 m. L, EC

alchemilloides DC.

Perennial. Herb or suffrutex. Ht 0.3–1 m. Alt 1500–2200 m. N, WC

amelloides L. = **Felicia amelloides**

arctotidea DC.

Perennial. Herb. Ht? Alt? NC

argillacea Cron

Annual, occ. biennial. Herb. Ht 0.3–0.5 m. Alt 1700–1800 m. WC

aspera Thunb.

Annual, occ. perennial. Herb or suffrutex. Ht 0.15–1.5 m. Alt 1200–2500 m. NW, G, M, FS, KZN, L, NC, WC, EC

atriplicifolia DC.

Annual or perennial. Herb. Ht 0.3–0.75 m. Alt 0–750 m. KZN

austrotransvaalensis Cron

Perennial. Shrub. Ht up to 1 m. Alt ± 1550 m. NW, G, M

bergeriana Spreng. = **Felicia bergeriana**

britteniae Hutch. & R.A.Dyer

Perennial. Herb. Ht 0.2–1 m. Alt 610–2300 m. KZN, WC, EC

burkei Burt Davy

Perennial. Herb or suffrutex. Ht 0.3–0.6 m. Alt 1400–2000 m. G, M, FS, NC

cacalioides L.f. = **Othonna carnosa** var. **carnosa**

canescens J.C.Wendl. ex Link

C. albicans of author, not of N.E.Br., concept invalid (6)
C. parviflora Aiton (1, 7)
Senecio momordicifolius Dinter & Muschl. (6, 7)

Perennial. Shrub or suffrutex. Ht 0.15–1 m. Alt 500–1500 m. N, NC

capillacea Thunb. = **Steirodiscus capillaceus**

coronata Thunb. = **Senecio coronatus**

crenata Spreng. = **Senecio erosus**

cyanomontana Cron

Perennial. Suffrutex. Ht 0.3–0.45 m. Alt 1600–1900 m. LIM

cymbalarifolia Thunb. = **Senecio hastifolius**

decipiens Harv.

Annual. Herb. Ht 0.1–0.45 m. Alt up to 600 m. S, KZN

deltoidea Sond.

Perennial. Herb or suffrutex. Ht 0.16–0.6 m. Alt 200–1650 m. LIM, KZN, EC

dieterlenii E.Phillips

Perennial. Herb. Ht up to 1 m. Alt 1500–3350 m. KZN, L, EC

dregeana DC.

Perennial. Herb. Ht? Alt? NC

eenii S.Moore = **Senecio eenii**

erodioides DC.

C. tussilaginea Thunb. in part (1)

Perennial. Herb. Ht 0.15–0.9 m. Alt 1050–2800 m. FS, L, WC, EC

erosa (Thunb.) Harv.

C. oxyodonta DC. (1)

Doria erosa Thunb. (1)

Perennial. Suffrutex. Ht 0.15–0.6 m. Alt 900–1200 m. WC

exilis DC.

Perennial. Herb. Ht up to 0.15 m. Alt? NC

filifolius Thunb. = **Senecio linifolius**

geifolia (L.) L.

Othonna geifolia L. (8)

Perennial. Herb or suffrutex. Ht 0.22–0.6 m. Alt 3–3400 m. KZN, L, EC

geraniifolia DC.

Perennial. Herb. Ht 0.19–0.6 m. Alt 1200–2500 m. M, KZN, EC

grandibracteata Hilliard

Perennial. Herb. Ht 0.3–0.45 m. Alt 900–2250 m. KZN

hastifolia L.f. = **Senecio hastifolius**

hederifolia Cron

Perennial. Herb. Length 0.1–0.3 m. Alt 1260–1850 m. LIM, M

hirsuta Vent. = **Felicia cymbalariae** subsp. **cymbalariae**

humifusa L'Hér.

Perennial. Suffrutex. Ht up to 0.5 m. Alt 0–30 m. WC

hypoleuca Sieber = **Senecio verbascifolius**

laricifolia Lam. = **Senecio pinifolius**

lineata L.f. = **Senecio lineatus**

linifolia (L.) L. = **Euryops linifolius**

linifolia Zeyh. ex DC. = **Felicia linifolia**

lobata L'Hér.

Perennial. Suffrutex. Ht 0.4–1 m. Alt 45–2100 m. LIM, NW, M, FS, KZN, L, WC, EC

longipes S.Moore

Perennial. Herb or dwarf shrub. Ht up to 0.5 m. Alt ± 1600 m. G

lyrata DC. = **C. lyratiformis**

lyratiformis Cron

C. lyrata DC. (15)

Annual or perennial. Herb. Ht 0.35–1.2 m. Alt 100–2450 m. NW, G, M, FS, KZN, L, NC, WC, EC

microglossa DC.

Perennial. Herb or suffrutex. Ht ± 0.15 m. Alt? NC?

microphylla (Cass.) Vahl ex DC. = **Felicia aethiopica** subsp. **aethiopica**

mitellifolia L'Hér.

Perennial. Herb. Ht up to 0.4 m. Alt 600–920 m. WC

mollis E.Mey. ex DC.

Perennial. Herb or suffrutex. Ht 0.05–0.3 m. Alt 1000–2500 m. FS, KZN, L, NC, WC, EC

montana Bolus = **Senecio haygarthii**

monticola Hutch.

Perennial. Suffrutex. Ht 0.2–1 m. Alt 900–1550 m. LIM

oppositifolia Moench = **Felicia amelloides**

othonoides Harv.

Othonna pinnatifida Thunb. (1)

Annual. Herb. Ht? Alt? 'CP' (1)

oxydonta DC. = **C. erosa**

pandurata Thunb. = **Senecio panduratus**

parviflora Aiton = **C. canescens**

parvifolia Burt Davy

Perennial. Herb. Ht 0.2–1 m. Alt 1000–2000 m. LIM, NW, G, M

pedunculosa DC.

Perennial. Suffrutex. Ht 0.15–0.3 m. Alt? WC

pinnata O.Hoffm.

Annual. Herb. Ht 0.3–0.45 m. Alt 0–1500 m. KZN

platycarpa DC.

Annual. Herb. Ht 0.1–0.3 m. Alt 200–900 m. WC, EC

polycephala DC.

Perennial. Shrub or suffrutex. Ht? Alt? WC

saxifraga DC.

Perennial. Suffrutex or dwarf shrub. Ht 0.2–0.5 m. Alt 130–700 m. EC

seminuda Klatt = **Senecio cinerascens**

tenella (L.) Link = **Felicia tenella** subsp. **tenella**

tomentosa (DC.) Less.

Senecio lanatus Thunb. (1)

Perennial. Suffrutex or dwarf shrub. Ht 0.3–0.6 m. Alt 350–1720 m. WC

tussilaginea Thunb. in part = **C. erodioides**

tussilaginea Thunb. in part = **Senecio verbascifolius**

vagens Hilliard

Perennial. Herb. Length up to 0.5 m. Alt 1380–1700 m. EC

vallis-pacis Dinter ex Merxm.

Perennial. Herb or suffrutex. Ht 0.6–2 m. Alt 1050–1470 m. N, NW, NC

***CIRSIIUM** Mill. emend. Scop. 9462000

Compiled by E. Retief

(1) Moore & Frankton. 1974. *The thistles of Canada*: 19–53.

(2) Hilliard. 1977. *Compositae in Natal*: 578, 579.

(3) Retief & Herman. 1997. *Strelitzia* 6: 300.

arvense (L.) Scop.

Serratula arvensis L. (1)

Annual. Herb. Ht 0.8–1 m. Alt 200–1980 m. M, EC

lanceolatum (L.) Scop. = **C. vulgare**

vulgare (Savi) Ten.

Carduus lanceolatum L. (2)

Carduus vulgaris Savi (1)

C. lanceolatum (L.) Scop. (2)

Cnicus lanceolatum (L.) Willd. (2)

Annual. Herb. Ht 0.3–1 m. Alt 5–2134 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC

***CNICUS** L.

9479000

Compiled by E. Retief

(1) Moore & Frankton. 1974. *The thistles of Canada*: 98–100.

(2) Retief & Herman. 1997. *Strelitzia* 6: 300.

benedictus L.

Annual. Herb. Ht 0.4–0.7 m. Alt 90–1310 m. LIM, G, FS, WC

lanceolatum (L.) Willd. = **Cirsium vulgare**

COLUMELLEA Jacq.

9048010

biennis Jacq. = **Nestlera biennis**

COMBORHIZA Anderb. & K.Bremer

9050030

Compiled by M. Koekemoer

(1) Anderberg & Bremer. 1991. *Annals of the Missouri Botanical Garden* 78: 1061–1072.

longipes (K.Bremer) Anderb. & K.Bremer

Leysera longipes K.Bremer (1)

Perennial. Suffrutex. Ht 0.2–0.3 m. Alt 1800–2000 m. WC

virgata (N.E.Br.) Anderb. & K.Bremer

Nestlera virgata N.E.Br. (1)

Relhania tuberosa K.Bremer (1)

Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt 2200–3000 m. KZN

COMPTONANTHUS B.Nord.

8987020

brachypterus (O.Hoffm. ex Zahlbr.) B.Nord. = **Lasiopogon brachypterus**

molluginoides (DC.) B.Nord. = **Ifloga molluginoides**

subcarnosus B.Nord. = **Lasiopogon debilis**

CONYZA Less.

8926000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 111–114.

(2) Merxmüller. 1967. *FSWA* 139: 43, 44.

(3) Wild. 1975. *Kirkia* 10: 35–62.

(4) Hilliard. 1977. *Compositae in Natal*: 86–96.

(5) Danin. 1990. *South African Journal of Botany* 56: 412, 413.

(6) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 270–272.

(7) King-Jones. 2001. *Englera* 23: 121.

aegyptiaca (L.) Aiton

C. stricta of author, not of Willd.; Dinter, concept invalid (2)

C. transvaalensis Bremek. (2, 3)

Erigeron aegyptiacus L. (4)

Annual or biennial. Herb. Ht 0.45–1 m. Alt 915–1585 m. N, B, LIM, NW, G, M, S, KZN

***albida** Spreng.

- C. floribunda* Kunth (3, 5)
C. sumatrensis (Retz.) E.Walker (5)
Erigeron floribundus (Kunth) Sch.Bip. (3, 5)
Erigeron sumatrensis Retz. (3, 5)
 Annual. Herb. Ht 0.2–2 m. Alt 2–1912 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC
- attenuata** DC.
C. persicariifolia (Benth.) Oliv. & Hiern (3, 4, 6)
Erigeron persicariifolius Benth. (4, 6)
 Annual or biennial. Herb. Ht 0.3–2 m. Alt 155–870 m. LIM, M, S, KZN
- aurita* L.f. = **Pseudoconyza viscosa**
- *bonariensis** (L.) Cronquist
Erigeron bonariensis L. (3, 4)
Erigeron crispus Pourr. (2, 3)
Erigeron linifolius Willd. (3)
 Annual. Herb. Ht 0.05–1.2 m. Alt 5–1890 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- cafra* DC. = **Doellia cafra**
- *canadensis** (L.) Cronquist
Erigeron canadensis L. (3, 4)
 Annual. Herb. Ht 0.3–1.5 m. Alt 5–2125 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- canescens* L.f. = **Vernonia capensis**
- *chilensis** Spreng.
 Perennial. Herb. Ht 0.5–1 m. Alt 0–1720 m. NW, M, S, FS, KZN
- cinerea* L. = **Cyanthillium cinereum** var. **cinereum**
floribunda Kunth = **C. albida**
- gouanii** (L.) Willd.
C. hochstetteri Sch.Bip. ex A.Rich. (3)
Erigeron gouanii L. (3, 4)
 Perennial. Herb. Ht 0.3–0.6 m. Alt 185–1645 m. LIM, G, M, S, KZN, EC
- hochstetteri* Sch.Bip. ex A.Rich. = **C. gouanii**
- incisa* Aiton = **C. ulmifolia**
- ivifolia* (L.) Less. = **C. scabrida**
- kotschyi* (Sch.Bip. ex Schweinf. & Asch.) Schweinf. & Asch. = **Pentanema indicum**
- montevidensis* Spreng. = **Baccharis pingraea**
- natalensis* Sch.Bip. = **Doellia cafra**
- neriifolia* (L.) L'Hér. ex Steud. = **Brachylaena neriifolia**
- obscura** DC.
Webbia kraussii Sch.Bip. (4)
 Perennial. Herb. Ht 0.25–0.6 m. Alt 20–2400 m. G, M, S, FS, KZN, L, WC, EC
- persicariifolia* (Benth.) Oliv. & Hiern = **C. attenuata**
- pinnata** (L.f.) Kuntze
C. pinnatlobata DC. (3, 4)
Erigeron pinnatus L.f. (3, 4)
 Perennial. Herb. Ht 0.25–0.6 m. Alt 5–2500 m. LIM, G, M, S, FS, KZN, L, NC, EC
- pinnatifida** (Thunb.) Less.
Erigeron pinnatifidum Thunb. (1)
 Perennial. Herb. Ht 0.3–0.6 m. Alt 5–90 m. WC
- pinnatlobata* DC. = **C. pinnata**
- pinifolia* Lam. = **Vernonia capensis**
- podocephala** DC.
 Perennial. Herb. Ht 0.17–0.6 m. Alt 1200–2750 m. NW, G, M, FS, KZN, L, NC, EC
- pusilla** Houtt. (insufficiently known) (1)
- scabrida** DC.
Baccharis ivaefolia L. (4)
C. ivifolia (L.) Less. (4)
Pluchea scabrida DC. (7)
 Perennial. Shrub. Ht 0.38–1.2 m. Alt 5–1920 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- squamata* Spreng. = **Aster squamatus**
stricta of author, not of Willd.; Dinter, concept invalid = **C. aegyptiaca**
- sumatrensis* (Retz.) E.Walker = **C. albida**
- tomentosa* Burm.f. = **Capelio tomentosa**
- transvaalensis* Bremek. = **C. aegyptiaca**
- ulmifolia** (Burm.f.) Kuntze
Baccharis ulmifolia Burm.f. (3, 4)
C. incisa Aiton (3, 4)
Erigeron incisum Thunb. (4)
 Annual, occ. perennial. Herb. Ht 0.3–1.21 m. Alt 3–2225 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC
- *COREOPSIS** L. 9227000
 Compiled by N. Netnou
 (1) Hilliard. 1977. *Compositae in Natal*: 315, 316.
 (2) Wells *et al.* 1986. *Memoirs of the Botanical Survey of South Africa* No. 53: 168.
 (3) Bremer. 1994. *Asteraceae: cladistics and classification*: 615.
- biternata* Lour. = **Bidens biternata**
kirkii Oliv. & Hiern = **Bidens kirkii**
- lanceolata** L.
 Perennial. Herb. Ht up to 0.5 m. Alt up to 30 m. LIM, G, M, KZN
- tinctoria** Nutt.
 Annual. Herb. Ht up to 1.2 m. Alt? 'RSA'
- CORYMBIUM** L. 8764000
 Compiled by P.P.J. Herman
 (1) Harvey. 1865. *FC* 3: 55, 56.
 (2) Compton. 1936. *Journal of South African Botany* 2: 165–167.
 (3) Markötter. 1940. *Botanische Jahrbücher* 70: 354–372.
 (4) Weitz. 1989. *South African Journal of Botany* 55: 598–629.
- africanum** L. subsp. **africanum**
 Perennial. Herb. Ht 0.07–0.31 m. Alt 1000–2000 m. WC
- africanum** L. subsp. **scabridum** (P.J.Bergius) Weitz var. **fourcadei** (Hutch.) Weitz
C. fourcadei Hutch. (4)
 Perennial. Herb. Ht 0.11–0.24 m. Alt 700–1860 m. WC, EC
- africanum** L. subsp. **scabridum** (P.J.Bergius) Weitz var. **gramineum** (Burm.f.) Weitz
C. filiforme L.f. (4)
C. gramineum Burm.f. (4)
C. luteum E.Mey. ex DC. (4)
C. scabrum L. var. *filiforme* (L.f.) Thunb. (4)
 Perennial. Herb. Ht 0.04–0.35 m. Alt 100–1500 m. WC, EC
- africanum** L. subsp. **scabridum** (P.J.Bergius) Weitz var. **scabridum**
C. scabridum P.J.Bergius (4)
C. scabrum L. var. *scabrum* (4)
 Perennial. Herb. Ht 0.04–0.35 m. Alt 75–1500 m. WC
- congestum** E.Mey. ex DC.
 Perennial. Herb. Ht 0.2–0.7 m. Alt 700–1600 m. WC

cymosum E.Mey. ex DC.

Perennial. Herb. Ht 0.13–0.63 m. Alt 20–1000 m. WC

elsiae Weitz

Perennial. Herb. Ht 0.15–0.25 m. Alt 900–1500 m. WC

enerve Markötter

Perennial. Herb. Ht 0.13–0.52 m. Alt 5–800 m. WC

filiforme L.f. = **C. africanum** subsp. **scabridum** var. **gramineum**

fourcadei Hutch. = **C. africanum** subsp. **scabridum** var. **fourcadei**

glabrum L. var. **glabrum**

C. harveyanum Markötter (4)

C. latifolium Harv. (4)

C. nervosum Thunb. (4)

C. nervosum Thunb. var. *subulifolium* Harv. (4)

C. salteri Markötter (4)

Perennial. Herb. Ht 0.1–0.6 m. Alt? NC, WC, EC

glabrum L. var. **rogersii** (Markötter) Weitz

C. rogersii Markötter (4)

Perennial. Herb. Ht 0.12–0.3 m. Alt 300–1500 m. WC

gramineum Burm.f. = **C. africanum** subsp. **scabridum** var. **gramineum**

harveyanum Markötter = **C. glabrum** var. **glabrum**

hirsutum Eckl. ex DC. = **C. villosum**

hirtum Thunb. = **C. villosum**

latifolium Harv. = **C. glabrum** var. **glabrum**

laxum Compton subsp. **bolusii** Weitz

Perennial. Herb. Ht 0.2–0.35 m. Alt ± 1000 m. WC

laxum Compton subsp. **laxum**

Perennial. Herb. Ht 0.2–0.35 m. Alt 1000–1850 m. WC

luteum E.Mey. ex DC. = **C. africanum** subsp. **scabridum** var. **gramineum**

nervosum Thunb. = **C. glabrum** var. **glabrum**

nervosum Thunb. var. *subulifolium* Harv. = **C. glabrum** var. **glabrum**

rogersii Markötter = **C. glabrum** var. **rogersii**

salteri Markötter = **C. glabrum** var. **glabrum**

scabridum P.J.Bergius = **C. africanum** subsp. **scabridum** var. **scabridum**

scabrum L. var. *filiforme* (L.f.) Thunb. = **C. africanum** subsp. **scabridum** var. **gramineum**

scabrum L. var. **scabrum** = **C. africanum** subsp. **scabridum** var. **scabridum**

theileri Markötter

Perennial. Herb. Ht 0.14–0.3 m. Alt ± 700 m. WC

villosum L.f.

C. hirsutum Eckl. ex DC. (4)

C. hirtum Thunb. (1, 4)

Perennial. Herb. Ht 0.19–0.61 m. Alt 20–1600 m. WC

***COSMOS** Cav.

9238000

Compiled by N. Netnou

(1) Cavanilles. 1791. *Icones et descriptions plantarum* 1: 10, 56.

(2) Wild. 1967. *Kirkia* 6: 13–34.

(3) Mabberley. 1987. *The plant book: a portable dictionary of the vascular plants*: 187.

(4) Bremer. 1994. *Asteraceae: cladistics and classification*: 615.

bipinnatus Cav.

Bidens formosa (Bonato) Sch.Bip. (3)

Annual. Herb. Ht 0.4–2.5 m. Alt up to 2000 m. LIM, NW, G, M, FS, KZN

sulphureus Cav.

Bidens sulphurea (Cav.) Sch.Bip. (3)

Annual. Herb. Ht up to 2 m. Alt ± 60 m. KZN

COTULA L.

9351000

Compiled by P.P.J. Herman

(1) Linnaeus. 1753. *Species plantarum* edn 1, 2: 892.

(2) Linnaeus. 1782. *Supplementum plantarum*: 377.

(3) Persoon. 1807. *Synopsis plantarum* 2: 465.

(4) Lessing. 1832. *Synopsis generum Compositarum*: 261.

(5) Candolle. 1838. *Prodromus* 6: 82, 83.

(6) Koch. 1843. *Botanische Zeitung* 1: 40.

(7) Harvey. 1865. *FC* 3: 177–186.

(8) Kuntze. 1898. *Revisio generum plantarum* 3: 142.

(9) Bolus. 1898. *Botanische Jahrbücher* 24: 458.

(10) Schinz. 1900. *Mémoires de l'Herbier Boissier* 20: 36.

(11) Schlechter. 1900. *Botanische Jahrbücher* 27: 209, 210.

(12) Moore. 1902. *Journal of Botany, London* 40: 381.

(13) Muschler. 1910. *Botanische Jahrbücher* 44: 123.

(14) Bolus. 1925. *Annals of the Bolus Herbarium* 4: 15.

(15) Levyns. 1941. *Journal of South African Botany* 7: 131–133.

(16) Compton. 1941. *Journal of South African Botany* 7: 189–191.

(17) Compton. 1944. *Journal of South African Botany* 10: 124, 125.

(18) Hutchinson. 1946. *A botanist in southern Africa*: 148, 149.

(19) Levyns. 1950. *Flora of the Cape Peninsula*: 805–807.

(20) Phillips. 1950. *Journal of South African Botany* 16: 21.

(21) Compton. 1953. *Journal of South African Botany* 19: 112.

(22) Hilliard & Burt. 1970. *Notes from the Royal Botanic Garden Edinburgh* 30: 118–120.

(23) Hilliard & Burt. 1973. *Notes from the Royal Botanic Garden Edinburgh* 32: 332–335.

(24) Hilliard. 1977. *Compositae in Natal*: 350–357.

(25) Bond & Goldblatt. 1984. *Journal of South African Botany* Suppl. vol. 13: 161, 162.

(26) Bremer & Humphries. 1993. *Bulletin of the Natural History Museum, Botany* 23: 157–159.

(27) Herman. 1995. *Bothalia* 25: 244, 245.

(28) Goldblatt & Manning. 2000. *Strelitzia* 9: 314, 315.

andreae (E.Phillips) K.Bremer & Humphries

Matricaria andreae E.Phillips (26)

Annual or perennial. Herb. Ht 0.05–0.15 m. Alt 1800–2200 m. WC

anthemoides L.

C. microcephala DC. (24)

Annual. Herb. Ht 0.05–0.3 m. Alt 115–2135 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

australis (Spreng.) Hook.f.

Anacyclus australis Spreng. (24)

Annual. Herb. Ht 0.04–0.2 m. Alt 3–1280 m. LIM, NW, G, M, FS, KZN, L, WC, EC

barbata DC.

Annual. Herb. Ht 0.06–0.25 m. Alt 105–1140 m. NC, WC

bicolor Roth = **Dichrocephala integrifolia** subsp. **integrifolia**

bipinnata Thunb.

C. oxyodonta DC. (7)

Annual or perennial. Herb. Ht 0.05–0.3 m. Alt 90–825 m. NC, WC

bracteolata E.Mey. ex DC.

Annual? Herb. Length? Alt? WC

burchellii DC.

Annual or perennial. Herb. Ht 0.06–0.3 m. Alt 1100–1310 m. NW, FS, NC, EC

ceniifolia DC.

Annual, occ. perennial. Herb. Ht 0.1–0.2 m. Alt 120–745 m. WC

coronopifolia L.

Annual or perennial. Herb, helophyte. Ht 0.03–0.5 m.
Alt 0–2000 m. N, G, NC, WC, EC

dielsii Muschl.

Biennial or perennial. Herb. Ht 0.15–0.2 m. Alt ± 750 m. NC

duckittiae (L.Bolus) K.Bremer & Humphries

Cenia duckittiae L.Bolus (26)

Cenia expansa Compton (26)

Annual. Herb. Ht 0.15–0.5 m. Alt 6–50 m. WC

eckloniana (DC.) Levyns

Otochlamys eckloniana DC. (19, 26)

Annual. Herb. Ht 0.05–0.15 m. Alt 0–15 m. WC

filifolia Thunb.

Annual. Herb, tenagophyte. Ht 0.05–0.25 m. Alt 5–215 m. NC, WC

globifera Thunb. = **Oncosiphon piluliferum****heterocarpa** DC.

Annual. Herb. Ht 0.12–0.3 m. Alt 0–2250 m. WC, EC

hispida (DC.) Harv.

Tanacetum hispidum DC. (7)

Perennial. Herb. Ht 0.15–0.4 m. Alt 300–3230 m. G, M, FS, KZN, L, EC

laxa DC.

Annual. Herb. Ht 0.05–0.2 m. Alt 610–915 m. NC

leptalea DC.

Annual. Herb. Ht 0.02–0.3 m. Alt 195–2750 m. KZN, NC, WC

lineariloba (DC.) Hilliard

C. sericea Thunb., naked name (23, 25)

Tanacetum linearilobum DC. (23, 24)

Perennial. Herb. Ht 0.03–0.4 m. Alt 1520–3250 m. KZN, L, WC, EC

loganii Hutch.

Annual. Herb. Ht ± 0.03 m. Alt? NC

macroglossa Bolus ex Schltr.

Annual. Herb. Ht 0.05–0.2 m. Alt 850–1341 m. WC

mariae K.Bremer & Humphries

Cenia pectinata DC. (26)

Perennial. Suffrutex. Ht 0.15–0.3 m. Alt 0–700 m. WC, EC

melaleuca Bolus

Annual. Herb. Ht 0.015–0.4 m. Alt 700–980 m. WC

membranifolia Hilliard

Perennial. Herb. Ht 0.2–0.4 m. Alt 1820–2450 m. KZN, EC

microcephala DC. = **C. anthemoides****microglossa** (DC.) O.Hoffm. & Kuntze ex Kuntze

Cenia albopilosa S.Moore (26)

Cenia microglossa DC. (26)

Annual. Herb. Ht 0.1–0.3 m. Alt 90–1985 m. NW, G, FS, NC, WC, EC

montana Compton

Perennial. Herb. Ht 0.05–0.1 m. Alt 1500–2050 m. WC

multifida DC. = **C. villosa****myriophylloides** Harv.

Annual. Herb, hydrophyte, vittate. Ht/Length up to 0.05 m. Alt 0–15 m. WC

nigellifolia (DC.) K.Bremer & Humphries var. **nigellifolia**

Matricaria nigellifolia DC. var. *nigellifolia* (26)

Sphaeroclinium nigellifolium (DC.) Sch.Bip. (26)

Annual or perennial. Herb, hydrophyte. Length up to 0.6 m. Alt 0–1500 m. LIM, NW, G, M, KZN, WC, EC

nigellifolia (DC.) K.Bremer & Humphries var. **tenuior** (DC.) P.P.J.Herman

Matricaria nigellifolia DC. var. *tenuior* DC. (27)

Annual or perennial. Herb, hydrophyte. Length 0.15–0.3 m. Alt 0–1310 m. KZN, EC

nudicaulis Thunb.

Cenia discoidea Less. (7)

Annual. Herb. Ht 0.03–0.25 m. Alt 240–1524 m. NC, WC

oxyodonta DC. = **C. bipinnata****paludosa** Hilliard

Perennial. Herb, hyperhydrate/tenagophyte. Ht 0.03–0.18 m. Alt 2600–3230 m. KZN, L, EC

paradoxa Schinz

Annual? Herb. Ht ± 0.11 m. Alt ± 150 m. WC

pedicellata Compton

Annual. Herb. Ht 0.18–0.3 m. Alt 150–650 m. NC, WC

pedunculata (Schltr.) E.Phillips

Otochlamys pedunculata Schltr. (20)

Annual. Herb. Ht 0.03–0.1 m. Alt ± 460 m. WC

pilulifera L.f. = **Oncosiphon piluliferum****pterocarpa** DC.

Annual? Herb. Ht? Alt? WC

pusilla Thunb.

Annual. Herb. Ht 0.025–0.15 m. Alt 75–305 m. WC

quinquefida Thunb. = **Pentzia quinquefida***quinqueloba* L.f. = **Lidbeckia quinqueloba****radicalis** (Killick & C.Claassen) Hilliard & B.L.Burt

Schistostephium radicale Killick & C.Claassen (22, 24)

Perennial. Herb. Ht 0.05–0.25 m. Alt 2440–3355 m. KZN, L

sericea L.f.

Cenia sericea (L.f.) DC. (26)

Perennial. Suffrutex. Ht 0.05–0.3 m. Alt 3–200 m. WC, EC

sericea Thunb., naked name = **C. lineariloba****socialis** Hilliard

Perennial. Herb. Ht 0.1–0.4 m. Alt 1900–3050 m. KZN, L, EC

sororia DC.

Annual. Herb. Ht 0.03–0.15 m. Alt 45–1570 m. NC, WC, EC

tanacetifolia L. = **Oncosiphon suffruticosum****tenella** E.Mey. ex DC.

Annual. Herb. Ht 0.04–0.1 m. Alt 540–765 m. N, NC, WC

thunbergii Harv.

Annual. Herb. Ht 0.025–0.25 m. Alt 100–120 m. NC, WC

turbinata L.

Cenia turbinata (L.) Pers. (26)

Annual. Herb. Ht 0.05–0.5 m. Alt 0–1100 m. WC, EC

umbellata L.f. = **Schistostephium umbellatum**

villosa DC.*C. multifida* DC. (26)

Annual. Herb. Ht 0.3–0.5 m. Alt 15–460 m. WC, EC

vulgaris Levyns

Annual. Herb, tenagophyte. Ht 0.15–0.5 m. Alt ± 30 m. WC

zeyheri Fenzl

Annual. Herb. Ht 0.04–0.1 m. Alt 15–1310 m. NC, WC, EC

CRASSOCEPHALUM Moench 9405010

Compiled by P.P.J. Herman

- (1) Merxmüller. 1967. *FSWA* 139: 45, 46.
- (2) Hilliard. 1977. *Compositae in Natal*: 368–372.
- (3) Hilliard & Burtt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37: 295.
- (4) Jeffrey. 1986. *Kew Bulletin* 41: 904–908.
- (5) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 273, 274.

bojeri (DC.) Robyns = **Solanecio angulatus***cernuum* (L.f.) Moench = **C. rubens****coeruleum** (O.Hoffm.) R.E.Fr.*Gynura coerulea* O.Hoffm. (1)

Annual. Herb. Ht 0.2–1 m. Alt 366–1460 m. N

crepidioides (Benth.) S.Moore*Gynura crepidioides* Benth. (2, 4)

Annual. Herb. Ht 0.4–1.2 m. Alt 5–1830 m. LIM, M, S, KZN, EC

flavum Decne. = **Senecio flavus**×**picridifolium** (DC.) S.Moore*Gynura picridifolia* (DC.) Burtt Davy (4)*Senecio picridifolius* DC. (4)

Perennial. Herb. Ht 0.3–1 m. Alt 5–1675 m. N, B, LIM, NW, G, M, S, KZN, EC

rubens (Juss. ex Jacq.) S.Moore*C. cernuum* (L.f.) Moench (2)*Gynura cernua* (L.f.) Benth. (2)*Gynura rubens* (Jacq.) Muschl. (2)*Senecio cernuus* L.f. (2, 4)*Senecio rubens* Juss. ex Jacq. (2, 4)

Perennial. Herb. Ht 0.76–1 m. Alt 2–1000 m. KZN

sarcobasis (DC.) S.Moore*Gynura sarcobasis* DC. (3, 4)

Perennial. Herb. Ht? Alt 1000–1200 m. KZN

subscandens (A.Rich.) S.Moore = **Solanecio angulatus*****CREPIS** L. 9605000

Compiled by P.P.J. Herman

- (1) Hilliard. 1977. *Compositae in Natal*: 633–635.
- (2) Pope. 1992. *FZ* 6.1: 209–212.
- (3) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 274, 275.
- (4) Jeffrey & Beentje. 2000. *FTEA* Compositae (Part 1): 66–73.

capillaris (L.) Wallr.*C. virens* L. (1)*Lapsana capillaris* L. (1)

Annual. Herb. Ht up to 0.9 m. Alt 1200–1400 m. KZN, EC

hypochaeridea (DC.) Thell.*Anisoramphus hypochaerideus* DC. (4)*C. hypochaeridea* (DC.) Thell. var. *genuina* Thell. (1, 2)*C. hypochaeridea* (DC.) Thell. var. *junodiana* Thell. (1, 2)*C. hypochaeridea* (DC.) Thell. var. *woodii* Thell. (1, 2)*C. polyodon* (Fr.) E.Phillips (1)*Hieracium polyodon* Fr. (1)

Perennial. Herb. Ht 0.3–0.5 m. Alt 350–2200 m. LIM, NW, G, M, S, FS, KZN, L, EC

hypochaeridea (DC.) Thell. var. *genuina* Thell. = **C. hypochaeridea***hypochaeridea* (DC.) Thell. var. *junodiana* Thell. = **C. hypochaeridea***hypochaeridea* (DC.) Thell. var. *woodii* Thell. = **C. hypochaeridea***japonica* (L.) Benth. = **Youngia japonica***polyodon* (Fr.) E.Phillips = **C. hypochaeridea***virens* L. = **C. capillaris****CROCIDIODES** Kuntze 9438040*annectens* (Harv.) Kuntze = **Berkheya annectens***chamaepeuce* S.Moore = **Berkheya chamaepeuce***coriaceum* (Harv.) Kuntze = **Berkheya coriacea***dregei* (Harv.) Kuntze = **Berkheya dregei***eryngiifolium* (Less.) Kuntze = **Heterorhachis aculeata***harveyanum* Kuntze = **Berkheya seminivea***palmatum* (Thunb.) Kuntze = **Heterorhachis aculeata***pinnatum* (Thunb.) Kuntze = **Heterorhachis aculeata***setiferum* (DC.) Kuntze = **Berkheya setifera***subulatum* (Harv.) Kuntze = **Berkheya subulata** var. **subulata***umbellatum* (DC.) Kuntze = **Berkheya umbellata****CRYPTOSTEMMA** R.Br. 9432060*calendulaceum* (L.) R.Br. = **Arctotheca calendula***forbesianum* (DC.) Harv. = **Arctotheca forbesiana****CULLUMIA** R.Br. ex Aiton 9437000

Compiled by E. Retief

- (1) Roessler. 1959. *Mitteilungen der Botanischen Staatssammlung München* 3: 271–304.
- (2) Goldblatt & Manning. 2000. *Strelitzia* 9: 315, 316.

aculeata (Houtt.) Roessler var. **aculeata***Basteria aculeata* Houtt. (1)*Berkheya hispida* (L.f.) Willd. (1)*C. hispida* (L.f.) Less. (1)

Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 113–1450 m. WC

aculeata (Houtt.) Roessler var. **sublanata** (DC.) Roessler
C. sublanata DC. (1)

Perennial. Shrub, dwarf shrub, sprawling. Ht 0.2–1 m. Alt 200–1525 m. WC

adnata DC. = **C. setosa** var. **adnata****bisulca** (Thunb.) Less.*Berkheya bisulca* (Thunb.) Willd. (1)*Rohria bisulca* Thunb. (1)

Perennial. Shrub. Ht 0.6–1.5 m. Alt 15–1405 m. NC, WC

carlinoides DC.*C. cirsioides* DC. var. *carlinoides* (DC.) Harv. (1)

Perennial. Shrub. Ht ± 1 m. Alt 60–550 m. WC

ciliaris (L.) R.Br. subsp. **angustifolia** (Hutch.) Roessler
C. ciliaris (L.) R.Br. var. *angustifolia* Hutch. (1)

Perennial. Dwarf shrub. Ht ± 0.3 m. Alt 170–730 m. WC

ciliaris (L.) R.Br. subsp. **ciliaris***Berkheya ciliaris* (L.) Willd. (1)*Gorteria ciliaris* L. (1)

Perennial. Dwarf shrub, sprawling. Ht 0.35–0.5 m. Alt 60–787 m. WC

ciliaris (L.) R.Br. var. **angustifolia** Hutch. = **C. ciliaris** subsp. **angustifolia****cirsioides** DC.

Perennial. Dwarf shrub. Ht 0.6–1 m. Alt 60–1150 m. WC, EC

cirsioides DC. var. **carlinoides** (DC.) Harv. = **C. carlinoides****decurrens** Less.*C. reflexa* Sch.Bip. (1)

Perennial. Dwarf shrub. Ht 0.6–0.9 m. Alt 151–915 m. WC, EC

floccosa E.Mey. ex DC.

Perennial. Dwarf shrub. Ht 0.6–0.9 m. Alt ± 190 m. WC

hispida (L.f.) Less. = **C. aculeata** var. **aculeata****massoni** S.Moore = **C. pectinata****micracantha** DC.*C. obovata* E.Mey. ex DC. (1)

Perennial. Dwarf shrub. Ht up to 0.4 m. Alt ± 200 m. WC

obovata E.Mey. ex DC. = **C. micracantha****patula** (Thunb.) Less. subsp. **patula***Berkheya patula* (Thunb.) Willd. (1)*Rohria patula* Thunb. (1)

Perennial. Dwarf shrub. Ht ± 0.3 m. Alt 455–915 m. WC, EC

patula (Thunb.) Less. subsp. **uncinata** Roessler

Perennial. Shrub, dwarf shrub. Ht 0.25–1.3 m. Alt 61–1000 m. WC

pectinata (Thunb.) Less.*Berkheya pectinata* (Thunb.) Willd. (1)*C. massoni* S.Moore (1)*Rohria pectinata* Thunb. (1)

Perennial. Shrub. Ht 0.5–1 m. Alt 765–1250 m. NC

reflexa Sch.Bip. = **C. decurrens****rigida** DC.

Perennial. Shrub. Ht 0.6–1.2 m. Alt 780–1660 m. NC, WC

selago Roessler

Perennial. Shrub, dwarf shrub. Ht up to 0.2 m. Alt ± 300 m. WC

setosa (L.) R.Br. var. **adnata** (DC.) Harv.*C. adnata* DC. (1)

Perennial. Dwarf shrub. Ht ± 0.5 m. Alt ± 200 m. WC

setosa (L.) R.Br. var. **araneosa** Roessler

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 500–700 m. WC

setosa (L.) R.Br. var. **microcephala** Roessler

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 70–1700 m. WC

setosa (L.) R.Br. var. **setosa***Berkheya setosa* (L.) Willd. (1)*Gorteria setosa* L. (1)

Perennial. Shrub, dwarf shrub. Ht 0.5–1.3 m. Alt 5–1371 m. WC

setosa Sieber ex DC. = **Polyarrhena reflexa** subsp. **reflexa****squarrosa** (L.) R.Br.*Berkheya squarrosa* (L.) Willd. (1)*Gorteria squarrosa* L. (1)

Perennial. Dwarf shrub, sprawling. Ht ± 0.3 m. Alt 70–200 m. WC

stricta Compton = **C. sulcata** var. **sulcata****sublanata** DC. = **C. aculeata** var. **sublanata****sulcata** (Thunb.) Less. var. **intercedens** Roessler

Perennial. Shrub, dwarf shrub. Ht 0.6–1 m. Alt 200–1000 m. WC

sulcata (Thunb.) Less. var. **sulcata***Berkheya sulcata* (Thunb.) Willd. (1)*C. stricta* Compton (1)*Rohria sulcata* Thunb. (1)

Perennial. Shrub, dwarf shrub. Ht 0.6–1 m. Alt 245–1067 m. WC

CUSPIDIA Gaertn.

9438010

Compiled by E. Retief

(1) Roessler. 1959. *Mitteilungen der Botanischen Staatssammlung München* 3: 315–319.(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 316.**cernua** (L.f.) B.L.Burt subsp. **annua** (Less.) Roessler*Didelta annua* Less. (1)

Annual. Herb. Ht ± 0.15 m. Alt 590–1383 m. NC, EC

cernua (L.f.) B.L.Burt subsp. **cernua***Didelta cernua* (L.f.) Less. (1)*Gorteria cernua* L.f. (1)

Annual. Herb. Ht ± 0.2 m. Alt 5–610 m. EC

***CYANTHILLIUM** Blume

8751050

Compiled by N. Netnou

(1) Robinson. 1990. *Proceedings of the Biological Society of Washington* 103: 248–253.(2) Isawumi. 1995. *Compositae Newsletter* 26: 11–21.**cinereum** (L.) H.Rob. var. **cinereum***Conyza cinerea* L. (2)*Vernonia cinerea* (L.) Less. var. *cinerea* (2)

Annual. Herb. Ht up to 1.35 m. Alt 0–800 m. LIM, S, KZN

CYANUS Juss.

9476020

segetum Hill = **Centaurea cyanus****CYATHOPAPPUS** Sch.Bip.

9041010

metalasioides Sch.Bip. = **Elytropappus hispidus****CYMBOPAPPUS** B.Nord.

9341040

Compiled by P.P.J. Herman

(1) Nordenstam. 1976. *Botaniska Notiser* 129: 150–157.(2) Nordenstam. 1987. *Opera Botanica* 92: 147.(3) Källersjö. 1988. *Botanical Journal of the Linnean Society* 96: 308.**adenosolen** (Harv.) B.Nord.*Chrysanthemum carnosulum* DC. var. *filifolium* Harv. (1)*Marasmodes adenosolen* Harv. (1)

Perennial. Shrub. Ht 0.2–0.6 m. Alt 25–1370 m. WC

hilliardiae B.Nord.

Perennial. Shrub. Ht up to 0.5 m. Alt 1000–1500 m. EC

lasiopodus (Hutch.) B.Nord. = **C. piliferus****piliferus** (Thell.) B.Nord.*Chrysanthemum lasiopodum* Hutch. (2)*C. lasiopodus* (Hutch.) B.Nord. (2)*Matricaria pilifera* Thell. (2)

Perennial. Herb. Ht 0.3–0.42 m. Alt 1500–2000 m. M

CYNARA L. 9463000

glomerata Thunb. = **Platycarpha glomerata**

CYPSELODONTIA DC. 9067000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 123, 124.

eckloniana DC.

Perennial. Suffrutex. Ht? Alt? EC

DELAIREA Lem. 9411090

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 491, 492.

(2) Jeffrey. 1986. *Kew Bulletin* 41: 933.

(3) Herman *et al.* 1997. *List of southern African succulent plants*: 39.

odorata Lem.

Senecio mikanioides Otto ex Harv. (2)

Senecio scandens DC. (1)

Perennial. Herb, climber, succulent. Alt 365–1900 m.
KZN, L, WC, EC

DENEKIA Thunb. 8949000

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 117, 118.

capensis Thunb.

Amphidoxa glandulosa Klatt (1)

D. capensis Thunb. var. *latifolia* DC. (1)

D. capensis Thunb. var. *minor* DC. (1)

D. glabrata DC. (1)

Perennial. Herb. Ht 0.07–0.7 m. Alt 30–2400 m. N, B,
LIM, NW, G, M, S, FS, KZN, L, NC, WC

capensis Thunb. var. *latifolia* DC. = **D. capensis**

capensis Thunb. var. *minor* DC. = **D. capensis**

glabrata DC. = **D. capensis**

DETRIS Adans. 8919040

barbata (DC.) Schltr. = **Felicia ovata**

dinteri S.Moore = **Felicia muricata** subsp. **cinerascens**

ericifolia (Forssk.) Hiern var. *anthemidodes* Hiern =
Felicia anthemidodes

hyssopifolia (P.J.Bergius) Hiern var. *straminea* Hiern =
Felicia mossamedensis

mossamedensis Hiern = **Felicia mossamedensis**

smaragdina S.Moore = **Felicia smaragdina**

smaragdina S.Moore var. *versicolor* S.Moore = **Felicia**
smaragdina

tenella (L.) S.Moore = **Felicia tenella** subsp. **tenella**

DICEROTHAMNUS Koekemoer 9041020

Compiled by M. Koekemoer

(1) Koekemoer. 2002. *Systematics of the Metalasia group in the Rel-haniinae*. Unpublished Ph.D. thesis, Rand Afrikaans University.

adpressus (Harv.) Koekemoer

Elytropappus adpressus Harv. (1)

Perennial. Shrub, dwarf shrub. Ht 0.1–0.3 m. Alt 500–
1700 m. WC, EC

rhinocerotis (L.f.) Koekemoer

Elytropappus cernuus (Thunb.) Fourc. (1)

Elytropappus rhinocerotis (L.f.) Less. (1)

Seriphium adpressum DC. (1)

Stoebe cernua Thunb. (1)

Stoebe cupressina Rehb. (1)

Stoebe rhinocerotis L.f. (1)

Perennial. Shrub, dwarf shrub. Ht 0.4–1.6 m. Alt 200–
1900 m. NC, WC, EC

DICHROCEPHALA L'Hér. ex DC. 8866000

Compiled by P.P.J. Herman

(1) Fayed. 1979. *Mitteilungen der Botanischen Staatssammlung München* 15: 491–512.

auriculata (Thunb.) Druce = **D. integrifolia** subsp. **integrifolia**

capensis (Less.) DC. = **D. integrifolia** subsp. **integrifolia**

integrifolia (L.f.) Kuntze subsp. **integrifolia**

Cotula bicolor Roth (1)

D. auriculata (Thunb.) Druce (1)

D. capensis (Less.) DC. (1)

D. latifolia (Lam.) DC. (1)

Ethulia auriculata Thunb. (1)

Grangea latifolia Lam. (1)

Hippia bicolor (Roth) Smith (1)

Hippia integrifolia L.f. (1)

Annual. Herb. Ht 0.2–1 m. Alt 15–1830 m. LIM, NW,
G?, M, S, KZN, WC, EC

latifolia (Lam.) DC. = **D. integrifolia** subsp. **integrifolia**

DICOMA Cass. 9501000

Compiled by N. Netnou & P.P.J. Herman

(1) Wilson. 1923. *Kew Bulletin* 1923: 377–388.

(2) Compton. 1932. *Journal of Botany* 70: 286.

(3) Bremekamp. 1933. *Annals of the Transvaal Museum* 15: 263, 264.

(4) Schweickerdt. 1935. *Kew Bulletin* 1935: 206, 207.

(5) Phillips. 1936. *The Flowering Plants of South Africa* 16: t. 625.

(6) Merxmüller. 1967. *FSWA* 139: 47–51.

(7) Wild. 1972. *Kirkia* 8: 178–192.

(8) Hilliard. 1977. *Compositae in Natal*: 582–586.

(9) Pope. 1991. *Kew Bulletin* 46: 699–709.

(10) Pope. 1992. *FZ* 6,1: 29–44.

(11) Ortíz & Rodríguez-Oubiña. 1996. *Nordic Journal of Botany* 16:
583, 584.

(12) Ortíz & Pulgar. 2000. *Nordic Journal of Botany* 20: 347–351.

(13) Ortíz. 2001. *Taxon* 50: 733–744.

(14) Ortíz & Pulgar. 2002. *Botanical Journal of the Linnean Society*
139,3: 317–322.

anomala in sense of Wild, misapplied name = **D. anomala** subsp. **gerrardii**

anomala Sond. subsp. **anomala**

D. anomala Sond. subsp. *cirsioides* (Harv.) Wild (9)

D. anomala Sond. var. *cirsioides* Harv. (9)

D. anomala Sond. var. *latifolia* O.Hoffm. (10)

D. anomala Sond. var. *sonderi* Harv. (10)

Perennial. Herb, prostrate. Length up to 0.3 m. Alt 152–
2200 m. LIM, NW, G, M, S, FS, KZN, L, EC

anomala Sond. subsp. *cirsioides* (Harv.) Wild = **D. anomala** subsp. **anomala**

anomala Sond. subsp. **gerrardii** (Harv. ex F.C.Wilson)
S.Ortíz & Rodr.Oubiña

D. anomala in sense of Wild, misapplied name (10)

D. anomala Sond. var. *microcephala* Harv. (10)

D. gerrardii Harv. ex F.C.Wilson (11)

Perennial. Herb. Ht 0.1–0.4 m. Alt up to 2335 m. N, B,
LIM, NW, G, M, S, FS, KZN, NC

anomala Sond. var. *cirsioides* Harv. = **D. anomala** subsp. **anomala**

anomala Sond. var. *latifolia* O.Hoffm. = **D. anomala** subsp. **anomala**

anomala Sond. var. *microcephala* Harv. = **D. anomala** subsp. **gerrardii**

anomala Sond. var. *sonderi* Harv. = **D. anomala** subsp. **anomala**

arenaria Bremek.

Perennial. Herb, prostrate. Length up to 0.3 m. Alt ± 1600 m. B, LIM

arenicola Muschl. ex Dinter = **D. schinzii**

argyrophylla Oliv. = **Macleodium zeyheri** subsp. **argyrophyllum**

burmanii (Cass.) Less., illegitimate name = **Macleodium spinosum**

capensis Less.

Perennial. Herb, prostrate. Length up to 0.6 m. Alt 155–1385 m. N, B, S, NC, WC

cuneneensis Wild

Perennial. Herb, prostrate. Length up to 0.4 m. Alt? N
diacanthoides Less. = **Macleodium spinosum**

dinteri S.Moore

D. flexuoides Muschl. ex Dinter (6)

D. flexuosa Dinter & Muschl. (6)

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt up to 2200 m. N

flexuoides Muschl. ex Dinter = **D. dinteri**

flexuosa Dinter & Muschl. = **D. dinteri**

fruticosa Compton

Perennial. Shrub. Ht up to 1 m. Alt ± 762 m. WC

galpinii Wilson

Perennial. Shrub or bushy herb. Ht up to 0.9 m. Alt 855–1465 m. N, LIM, M

gerrardii Harv. ex F.C.Wilson = **D. anomala** subsp. **gerrardii**

kirkii Harv. subsp. *kirkii* = **Macleodium kirkii** subsp. **kirkii**

kirkii Harv. var. *microcephala* S.Moore = **Macleodium zeyheri** subsp. **zeyheri**

lanata Muschl. ex Dinter = **D. schinzii**

latifolia DC. = **Macleodium latifolium**

macrocephala DC.

Perennial. Herb, procumbent. Length up to 0.2 m. Alt 550–2745 m. N, B, LIM, NW, G, FS, KZN, NC, EC

marlothiana Muschl. ex Dinter = **D. nachtigallii**

membranacea S.Moore = **Macleodium sessiliflorum** subsp. **sessiliflorum** var. **membranaceum**

montana Schweick.

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt ± 1645 m. LIM

nachtigallii O.Hoffm.

D. marlothiana Muschl. ex Dinter (6)

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt ± 1500 m. N

obconica S.Ortiz & Pulgar

Perennial. Subshrub. Ht ± 1 m. Alt? N

picata (Thunb.) Druce

D. radiata Less. (1)

Leysera picata Thunb. (1)

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 520–1020 m. WC, EC

pretoriensis C.A.Sm. = **Macleodium pretoriense**

prostrata Schweick.

Perennial. Herb, prostrate. Length up to 0.3 m. Alt ± 1733 m. LIM

radiata Less. = **D. picata**

ramosissima Klatt = **Pteronia acuminata**

relhanioides Less. = **Macleodium relhanioides**

schinzii O.Hoffm.

D. arenicola Muschl. ex Dinter (6)

D. lanata Muschl. ex Dinter (6)

Perennial. Herb, prostrate. Length up to 0.3 m. Alt 550–1900 m. N, B, LIM, NW, FS, NC

seitziana Dinter = **Pteronia eenii**

sessiliflora Harv. subsp. *sessiliflora* var. *membranacea* (S.Moore) S.Ortiz & Rodr.Oubiña = **Macleodium sessiliflorum** subsp. **sessiliflorum** var. **membranaceum**

speciosa DC. = **Macleodium speciosum**

spinosa (L.) Druce = **Macleodium spinosum**

swazilandica S.Ortiz, Rodr.Oubiña & Pulgar

Perennial. Herb. Ht ± 0.63 m. Alt ± 1685 m. M, S

thyrsiflora (Klatt) Thell. & Schinz = **Macleodium zeyheri** subsp. **zeyheri**

tomentosa Cass.

Annual. Herb or shrublet. Ht up to 1 m. Alt 305–1525 m. N, B, LIM, M

zeyheri Sond. subsp. *argyrophylla* (Oliv.) G.V.Pope = **Macleodium zeyheri** subsp. **argyrophyllum**

zeyheri Sond. subsp. *zeyheri* = **Macleodium zeyheri** subsp. **zeyheri**

zeyheri Sond. var. *thyrsiflora* Klatt = **Macleodium zeyheri** subsp. **zeyheri**

DIDELTA L'Hér.

9439000

Compiled by E. Retief

(1) Roessler. 1959. *Mitteilungen der Botanischen Staatssammlung München* 3: 304–312.

(2) Merxmüller. 1967. *FSWA* 139: 51–53.

(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 317.

annua Less. = **Cuspidia cernua** subsp. **annua**

capensis Lam. = **D. carnosa** var. **carnosa**

carnosa (L.f.) Aiton var. **carnosa**

D. capensis Lam. (1)

D. obtusifolia Cass. (1)

D. tetragoniaefolia L'Hér. (2)

Distegia acida Klatt (2)

Polymnia carnosa L.f. (1)

Perennial. Dwarf shrub. Ht 0.1–0.55 m. Alt 2–1000 m. N, NC, WC

carnosa (L.f.) Aiton var. **tomentosa** (Less.) Roessler

D. tomentosa Less. (1)

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 5–600 m. N, NC, WC

cernua (L.f.) Less. = **Cuspidia cernua** subsp. **cernua**

obtusifolia Cass. = **D. carnosa** var. **carnosa**

spinosa (L.f.) Aiton

Polymnia spinosa L.f. (1)

Perennial. Shrub. Ht 1–1.5 m. Alt 100–1250 m. N, NC, WC

tetragoniaefolia L'Hér. = **D. carnosa** var. **carnosa**

tomentosa Less. = **D. carnosa** var. **tomentosa**

DIMORPHOTHECA Vaill. ex 9425000
Moench

Compiled by P.P.J. Herman

- (1) Lessing. 1832. *Synopsis generum Compositarum*: 256, 257, 357.
- (2) Candolle. 1838. *Prodromus* 6: 71, 72.
- (3) Harvey. 1862. *Curtis's Botanical Magazine* 88: t. 5337.
- (4) Harvey. 1865. *FC* 3: 417–424.
- (5) Schlechter. 1897. *Journal of Botany, London* 35: 220.
- (6) Hutchinson. 1917. *Annals of the South African Museum* 9: 415.
- (7) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 57.
- (8) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 200.
- (9) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 205.
- (10) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 246.
- (11) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 347.
- (12) Phillips. 1936. *The Flowering Plants of South Africa* 16: t. 629.
- (13) Norlindh. 1943. *Studies in the Calenduleae*: 38–97, 237–263.
- (14) Norlindh. 1954. *Svensk Botanisk Tidskrift* 48: 148–154.
- (15) Henderson. 1957. *The Flowering Plants of Africa* 32: t. 1249.
- (16) Merxmüller. 1967. *FSWA* 139: 53–55.
- (17) Norlindh. 1980. *Botaniska Notiser* 133: 559–563.
- (18) Nordenstam. 1994. *Compositae Newsletter* 25: 46–49.
- (19) Herman et al. 1997. *List of southern African succulent plants*: 39.

acutifolia Hutch.*Calendula scabra* P.J.Bergius (13, 14, 18)*D. scabra* DC. (13, 14, 18)*D. tragus* DC. (13, 14)*Osteospermum acutifolium* (Hutch.) Norl. (18)*Osteospermum pulchrum* Norl. (14, 18)Perennial. Suffrutex. Ht up to 0.5 m. Alt 100–1500 m.
WC**annua** Less. = **D. pluvialis****aurantiaca** DC. = **D. tragus****aurantiaca** Hort., not of DC. = **D. sinuata****barberae** Harv.*D. lilacina* Regel & Herder (13, 18)*Osteospermum barberae* (Harv.) Norl. (18)

Perennial. Herb. Ht 0.2–0.6 m. Alt 0–500 m. EC

calendulacea Harv. = **D. sinuata****calendulacea** Harv. var. *dubia* E.Phillips = **D. pluvialis**
× **D. sinuata****caulescens** (Harv.) Harv.*D. dekindtii* O.Hoffm. (13, 18)*Osteospermum caulescens* Harv. (18)Perennial. Herb. Ht 0.1–0.4 m. Alt 1200–2100 m.
LIM, G, M, S, FS, KZN, L, EC**chrysanthemifolia** (Vent.) DC.*Calendula chrysanthemifolia* Vent. (13)Perennial. Shrub or suffrutex. Ht 0.15–1 m. Alt 400–
950 m. WC**cuneata** (Thunb.) Less.*Arctotis glutinosa* Sims (13)*Calendula cuneata* Thunb. (13)*Calendula viscosa* H.C.Andrews (13)Perennial. Shrub. Ht 0.09–1 m. Alt 20–1917 m. B?,
NW, FS, NC, WC, EC**dekindtii** O.Hoffm. = **D. caulescens****dentata** (DC.) Harv. = **D. sinuata****dregei** DC. var. **dregei***Osteospermum dregei* (DC.) Norl. var. *dregei* (18)Perennial. Herb or suffrutex. Ht 0.1–0.2 m. Alt 50–
1200 m. WC**dregei** DC. var. **reticulata** (Norl.) B.Nord.*Osteospermum dregei* (DC.) Norl. var. *reticulatum* Norl. (18)Perennial. Herb or suffrutex. Ht 0.1–0.2 m. Alt 150–
200 m. WC**ecklonis** DC.*Osteospermum ecklonis* (DC.) Norl. (18)Perennial. Shrub or suffrutex. Ht up to 1 m. Alt 200–
350 m. EC**ecklonis** Harv. in part = **D. spectabilis****flaccida** (Vent.) Thell. = **D. tragus****fruticosa** (L.) Less.*Blaxium decumbens* Cass. (13, 18)*Calendula diffusa* Salisb. (13, 18)*Calendula fruticosa* L. (13, 18)*Osteospermum fruticosum* (L.) Norl. (18)*Osteospermum riparium* O.Hoffm. (13, 18)Perennial. Herb or suffrutex, succulent. Length 0.3–
0.6 m. Alt 0–50 m. KZN, WC, EC**graminifolia** DC. = **D. nudicaulis** var. **graminifolia****hybrida** (L.) DC. = **D. pluvialis****incrassata** Moench = **D. pluvialis****integrifolia** (DC.) Harv. = **D. sinuata****jucunda** E.Phillips*Osteospermum jucundum* (E.Phillips) Norl. (18)Perennial. Herb. Ht 0.2–0.5 m. Alt 1000–3300 m.
LIM, G?, M, S, FS, KZN, L, EC**leptocarpa** DC. = **D. pluvialis****lilacina** Regel & Herder = **D. barberae****montana** Norl.Perennial. Herb. Ht up to 0.15 m. Alt 1500–2300 m.
WC**montana** Norl. var. *amoena* Norl. = **D. venusta** var.
amoena**montana** Norl. var. *venusta* Norl. = **D. venusta** var.
venusta**multifida** DC. = **Garuleum bipinnatum****nervosa** Hutch. = **Osteospermum striatum****nudicaulis** (L.) DC. var. **graminifolia** (DC.) Harv.*Arctotis tenuifolia* Poir. (13, 18)*Calendula graminifolia* L. (13, 18)*Castalis nudicaulis* (L.) Norl. var. *graminifolia* (L.) Norl. (18)*D. graminifolia* DC. (13, 18)

Perennial. Herb. Ht 0.1–0.3 m. Alt 100–600 m. WC

nudicaulis (L.) DC. var. *kraussii* Sch.Bip. = **D. nudi-**
caulis var. **nudicaulis****nudicaulis** (L.) DC. var. **nudicaulis***Calendula nudicaulis* L. (13, 18)*Castalis nudicaulis* (L.) Norl. var. *nudicaulis* (18)*D. nudicaulis* (L.) DC. var. *kraussii* Sch.Bip. (13, 18)

Perennial. Herb. Ht 0.1–0.3 m. Alt 60–2000 m. WC

nudicaulis of author, not of DC.; Dinter, concept invalid
= **D. pluvialis****pinnata** (Thunb.) Harv. = **Osteospermum pinnatum**
var. **pinnatum****pluvialis** (L.) Moench*Calendula decurrens* Thunb. (13)*Calendula hybrida* L. (13)*Calendula pluvialis* L. (13, 16)*Calendula versicolor* Salisb. (13)*D. annua* Less. (13, 16)*D. hybrida* (L.) DC. (13)*D. incrassata* Moench (13)*D. leptocarpa* DC. (13)*D. nudicaulis* of author, not of DC.; Dinter, concept invalid (16)Annual. Herb. Ht 0.1–0.5 m. Alt 20–1190 m. N, NC,
WC

pluvialis (L.) Moench × **D. sinuata** DC.*D. calendulacea* Harv. var. *dubia* E. Phillips (13)

Annual. Herb. Ht up to 0.22 m. Alt 50–1153 m. N, NC, WC

polyptera DC.*Osteospermum psammophilum* Klatt (13, 16)

Annual, occ. perennial. Herb. Length 0.03–0.5 m. Alt 470–1700 m. N, NC

pseudo-aurantiaca Schinz & Thell. = **D. sinuata***scabra* DC. = **D. acutifolia****sinuata** DC.*Acanthochea integrifolia* DC. (13)*D. aurantiaca* Hort., not of DC. (13)*D. calendulacea* Harv. (13, 16)*D. dentata* (DC.) Harv. (13)*D. integrifolia* (DC.) Harv. (13)*D. pseudo-aurantiaca* Schinz & Thell. (13, 16)

Annual. Herb. Ht 0.1–0.3 m. Alt 15–1525 m. N, NC, WC

spectabilis Schltr.*Castalis spectabilis* (Schltr.) Norl. (18)*D. ecklonis* Harv. in part (13, 18)

Perennial. Herb. Ht 0.2–0.4 m. Alt 1200–2000 m. LIM, NW, G, M

tragus (Aiton) B. Nord.*Calendula flaccida* Vent. (13, 18)*Calendula tragus* Aiton (13, 18)*Calendula tragus* Aiton var. *flaccida* (Vent.) Pers. (13, 18)*Castalis tragus* (Aiton) Norl. var. *pinnatifida* Norl. (18)*Castalis tragus* (Aiton) Norl. var. *tragus* (13, 18)*Castalis ventenati* Cass. (13, 18)*D. aurantiaca* DC. (13, 18)*D. flaccida* (Vent.) Thell. (13, 18)

Perennial. Herb. Ht 0.2–0.3 m. Alt 1200–1900 m. NC, WC

tragus DC. = **D. acutifolia****venusta** (Norl.) Norl. var. **amoena** (Norl.) Norl.*D. montana* Norl. var. *amoena* Norl. (17)

Perennial. Herb. Length up to 0.6 m. Alt 1500–2000 m. WC

venusta (Norl.) Norl. var. **venusta***D. montana* Norl. var. *venusta* Norl. (17)

Perennial. Herb. Length up to 1 m. Alt 600–1800 m. WC

walliana (Norl.) B. Nord.*Osteospermum wallianum* Norl. (18)

Perennial. Shrub or suffrutex. Ht up to 0.3 m. Alt? WC

zeyheri Sond.

Perennial. Herb. Ht 0.05–0.3 m. Alt 155–2835 m. NW, FS, L, NC, EC

DIPLOPAPPUS Cass. 8900010*asper* Less. = **Aster bakerianus***asper* Less. var. *pleiocephalus* Harv. = **Aster pleiocephalus***elongatus* DC. = **Felicia filifolia** subsp. **schlechteri***extenuatus* (Nees) DC. = **Felicia fruticosa** subsp. **fruticosa***filifolius* (Vent.) DC. = **Felicia filifolia** subsp. **filifolia***filifolius* (Vent.) DC. var. *elongatus* (DC.) Harv. = **Felicia filifolia** subsp. **schlechteri***filifolius* (Vent.) DC. var. *teretifolius* (Less.) DC. = **Felicia filifolia** subsp. **filifolia***fruticosus* (L.) Levyns = **Felicia fruticosa** subsp. **fruticosa***fruticosus* (Willd.) Less. = **Felicia fruticosa** subsp. **fruticosa***laevigatus* Sond. = **Aster laevigatus***natalensis* Sch. Bip. = **Aster bakerianus***serrulatus* Harv. = **Aster harveyanus***teretifolius* Less. = **Felicia filifolia** subsp. **filifolia****DIPLOSTEMMA** Steud. 9090020*alatum* DC. = **Geigeria alata****DIPLOSTEPHIUM** DC. 8900020*extenuatum* Nees = **Felicia fruticosa** subsp. **fruticosa***filifolium* (Vent.) Nees = **Felicia filifolia** subsp. **filifolia***fruticosum* (Willd.) Nees = **Felicia fruticosa** subsp. **fruticosa***longipes* Cass. = **Felicia fruticosa** subsp. **fruticosa***teretifolium* (Less.) Nees = **Felicia filifolia** subsp. **filifolia****DISPARAGO** Gaertn. 9039000

Compiled by M. Koekemoer

(1) Koekemoer. 1993. *Bothalia* 23: 197–206.(2) Koekemoer. 2002. *Systematics of the Metalasia group in the Relhaniinae*. Unpublished Ph.D. thesis, Rand Afrikaans University.**anomala** Schltr. ex Levyns

Perennial. Shrub, dwarf shrub. Ht 0.1–0.8 m. Alt 0–500 m. WC

barbata Koekemoer = **Monticapra barbata***ericoides* of author, not of (P.J. Bergius) Gaertn. = **Gongyloglossa tortilis****ericoides** (P.J. Bergius) Gaertn.*D. hoffmanniana* Schltr. (1)*D. lasiocarpa* Cass. (1)

Perennial. Shrub, dwarf shrub. Ht 0.1–0.8 m. Alt 0–600 m. WC

gomphrenoides Sch. Bip. = **Myrovernix gnaphaloides***gongyloides* Koekemoer = **Monticapra gongyloides***hoffmanniana* Schltr. = **D. ericoides***kolbei* (Bolus) Hutch. = **Laevicarpa kolbei****kraussii** Sch. Bip.

Perennial. Shrub, dwarf shrub. Ht 0.15–0.8 m. Alt 0–300 m. WC

lasiocarpa Cass. = **D. ericoides****laxifolia** DC.

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 0–600 m. WC

pilosa Koekemoer = **Monticapra pilosa***rosea* Hutch. = **Laevicarpa kolbei***tortilis* (DC.) Sch. Bip. = **Gongyloglossa tortilis****DISTEGIA** Klatt 9439010*acida* Klatt = **Didelta carnosa** var. **carnosa****DISTEPHANUS** Cass. 8751020

Compiled by N. Netnou

(1) Robinson & Kahn. 1986. *Proceedings of the Biological Society of Washington* 99,3: 493–501.

angolensis (O.Hoffm.) H.Rob. & B.Kahn

Antunesia angolensis (O.Hoffm.) O.Hoffm. (1)
Gongrothamnus angolensis (O.Hoffm.) Hiern (1)
Newtonia angolensis O.Hoffm. (1)
Vernonia angolensis (O.Hoffm.) N.E.Br. (1)
Vernonia lutea N.E.Br. (1)

Perennial. Shrub. Ht up to 2 m. Alt up to 1850 m. N

angulifolius (DC.) H.Rob. & B.Kahn

Vernonia angulifolia DC. (1)

Perennial. Shrub, scandent or climber. Ht 1–6 m. Alt 10–500 m. KZN, EC

anisochaetoides (Sond.) H.Rob. & B.Kahn

Vernonia anisochaetoides Sond. (1)

Perennial. Climbing shrub. Ht up to 3 m. Alt 0–1518 m. S, KZN, EC

divaricatus (Steetz) H.Rob. & B.Kahn

Gongrothamnus aurantiacus O.Hoffm. (1)
Gongrothamnus divaricatus Steetz (1)
Vernonia aurantiaca (O.Hoffm.) N.E.Br. (1)
Vernonia vitellina N.E.Br. (1)

Perennial. Shrub, scandent or climber. Ht 1–8 m. Alt 0–980 m. N, B, M, KZN

***DITTRICHIA** Greuter 9061005

Compiled by P.P.J. Herman

- (1) Henderson & Anderson. 1966. *Memoirs of the Botanical Survey of South Africa* No. 37: 380, 381.
- (2) Greuter. 1973. *Exsiccatorum genavensium a conservatorio botanico distributorum fasciculus* 4: 71.
- (3) Wells *et al.* 1986. *Memoirs of the Botanical Survey of South Africa* No. 53: 302.
- (4) Anderberg. 1991. *Plant Systematics and Evolution* 176: 104.

graveolens (L.) Greuter

Erigeron graveolens L. (2)
Inula graveolens (L.) Desf. (2, 4)

Perennial. Shrub. Ht 0.45–0.9 m. Alt 15–300 m. WC

DOELLIA Sch.Bip. emended 8939010
Anderb.

Compiled by P.P.J. Herman

- (1) Hilliard. 1977. *Compositae in Natal*: 114, 115.
- (2) Anderberg. 1995. *Willdenowia* 25: 19–24.

cafra (DC.) Anderb.

Blumea cafra (DC.) O.Hoffm. (2)
Blumea natalensis Sch.Bip. (1, 2)
Conyza cafra DC. (1, 2)
Conyza natalensis Sch.Bip. (1, 2)

Perennial. Herb. Ht up to 1 m. Alt 10–2000 m. N, B, LIM, G, M, S, KZN, EC

DOLICHOTHRIX Hilliard & 9045020
B.L.Burt

Compiled by M. Koekemoer

- (1) Hilliard & Burt. 1981. *Botanical Journal of the Linnean Society* 82: 181–232.
- (2) Koekemoer. 2002. *Systematics of the Metalasia group in the Relhaniinae*. Unpublished Ph.D. thesis, Rand Afrikaans University.

ericoides (Lam.) Hilliard & B.L.Burt

Bryomorpha lycopodioides (Sch.Bip. ex Walp.) Levyns (2)
Helichrysum ericoides (Lam.) Pers. (1)
Klenzea lycopodioides Sch.Bip. (2)
Stoebe nivea Thunb. (2)
Xeranthemum ericoides Lam. (1)

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 1100–2300 m. WC, EC

DORIA Less. 9420020

abrotanifolia Harv. = **Othonna abrotanifolia**

alata Thunb. = **Hertia alata**

arbuscula (Thunb.) DC. = **Othonna arbuscula**

bipinnata Thunb. = **Senecio pinnatifidus**

carnosa DC. = **Othonna retrofracta**

ceradia Harv. = **Othonna furcata**

chromochaeta DC. = **Othonna chromochaeta**

ciliata Harv. = **Hertia ciliata**

chuytiifolia DC. = **Hertia chuytiifolia**

cneorifolia DC. = **Lopholaena cneorifolia**

denticulata Thunb. = **Senecio othonniflorus**

digitata (L.) Less. = **Othonna digitata**

diversifolia DC. = **Othonna diversifolia**

eriocarpa DC. = **Othonna eriocarpa**

erosa Thunb. = **Cineraria erosa**

gymnodiscus DC. = **Othonna gymnodiscus**

incisa Thunb. = **Senecio erosus**

kraussii Sch.Bip. = **Hertia kraussii**

lasiocarpa DC. = **Othonna lasiocarpa**

linearifolia DC. = **Othonna linearifolia**

lingua Less. = **Othonna lingua**

longipes Harv. = **Lopholaena longipes**

perfoliata (Thunb.) DC. = **Othonna perfoliata**

pinnatifida Thunb. = **Senecio tuberosus**

undulata Thunb. = **Senecio petiolaris**

DYMONDIA Compton 9432050

Compiled by E. Retief

- (1) Compton. 1953. *Journal of South African Botany* 19: 110.
- (2) Goldblatt & Manning. 2000. *Strelitzia* 9: 318.

margaretae Compton

Perennial. Herb, mat-forming. Spread up to 150 mm.
 Alt ± 160–200 m. WC

***ECLIPTA** L. 9166000

Compiled by N. Netnou

- (1) Hilliard. 1977. *Compositae in Natal*: 303, 304.

alba (L.) Hassk. = **E. prostrata**

erecta L. = **E. prostrata**

prostrata (L.) L.

E. alba (L.) Hassk. (1)
E. erecta L. (1)

Annual. Herb. Ht 0.3–1 m. Alt 2–1005 m. N, B, LIM, M, S, KZN, EC

ECLOPES Gaertn. 9050010

apiculata DC. = **Relhania calycina** subsp. **apiculata**

centauroides (L.) DC. = **Athanasia crenata**

parallelinervis Less. var. *angustifolia* DC. = **Relhania pungens** subsp. **angustifolia**

sedifolia DC. = **Oedera sedifolia**

speciosa DC. = **Relhania speciosa**

EDMONDIA Cass. 9006020

Compiled by P.P.J. Herman

- (1) Hilliard. 1983. *FSA* 33,7,2: 314–317.

bicolor Cass. = **E. sesamoides**

bracteata Cass. = **E. pinifolia**

fasciculata (Andrews) Hilliard

Aphelexis fasciculata (Andrews) D. Don (1)

Helichrysum fasciculatum (Andrews) Willd. (1)

Helichrysum sesamoides (L.) Willd. var. *fasciculatum* (Andrews) Harv. (1)

Helipterygium fasciculatum (Andrews) DC. (1)

Xeranthemum fasciculatum Andrews (1)

Perennial. Suffrutex. Ht 0.1–0.75 m. Alt 500–1500 m. NC, WC

pinifolia (Lam.) Hilliard

Aphelexis humilis (Andrews) D. Don (1)

E. bracteata Cass. (1)

Gnaphalium squamosum (Jacq.) Sch. Bip. (1)

Helichrysum humile (Andrews) Less. (1)

Helichrysum longibracteatum Schrank (1)

Helichrysum pinifolium (Lam.) Schrank (1)

Helichrysum spectabile Lodd. (1)

Helichrysum squamosum (Jacq.) Thunb. (1)

Helipterygium humile (Andrews) DC. (1)

Helipterygium humile (Andrews) DC. var. *pinifolium* (Lam.) DC. (1)

Xeranthemum humile Andrews (1)

Xeranthemum pinifolium Lam. (1)

Xeranthemum squamosum Jacq. (1)

Perennial. Suffrutex. Ht 0.25–0.75 m. Alt 395–2450 m. WC

sesamoides (L.) Hilliard

Aphelexis filiformis D. Don (1)

Aphelexis sesamoides (L.) D. Don (1)

E. bicolor Cass. (1)

E. splendens Cass. (1)

Gnaphalium sesamoides (L.) Kuntze (1)

Helichrysum filiforme (D. Don) Less. (1)

Helichrysum pseudofasciculatum Schrank (1)

Helichrysum sesamoides (L.) Willd. (1)

Helichrysum sesamoides (L.) Willd. var. *filiforme* (D. Don) Harv. (1)

Helichrysum sesamoides (L.) Willd. var. *heterophyllum* Harv. (1)

Helichrysum sesamoides (L.) Willd. var. *willdenowii* Harv. (1)

Helipterygium filiforme (D. Don) DC. (1)

Helipterygium sesamoides (L.) DC. (1)

Xeranthemum sesamoides L. (1)

Perennial. Suffrutex. Ht 0.25–0.75 m. Alt 20–1524 m. NC, WC

splendens Cass. = **E. sesamoides**

EENIA Hiern

9096010

damarensis Hiern & S. Moore = **Anisopappus pinnatifidus**

ELPHEGEA Less.

8919050

bergeriana (Spreng.) Less. = **Felicia bergeriana**

microcephala Less. = **Zyrphelis microcephala**

reflexa (L.) Less. = **Polyarrhena reflexa** subsp. **reflexa**

ELYTROPAPPUS Cass.

9041000

Compiled by M. Koekemoer

(1) Druce. 1917. *Second Supplement to Botanical Society & Exchange Club of the British Isles* 4: 601–653.

(2) Levyns. 1935. *Journal of South African Botany* 1: 89–103.

(3) Koekemoer. 2002. *Systematics of the Metalasia group in the Relhanninae*. Unpublished Ph.D. thesis, Rand Afrikaans University.

adpressus Harv. = **Dicrothamnus adpressus**

ambiguus DC. = **Myrovernix gnaphaloides**

aridus Koekemoer

Perennial. Shrub. Ht 0.3–0.8 m. Alt 900–2000 m. WC

canescens DC. = **Myrovernix gnaphaloides**

cernuus (Thunb.) Fourc. = **Dicrothamnus rhinocerotis**

cyathiformis DC. = **E. hispidus**

glandulosus Less. = **Myrovernix glandulosus**

glandulosus Less. var. *ambiguus* (DC.) Harv. = **Myrovernix gnaphaloides**

glandulosus Less. var. *longifolius* DC. = **Myrovernix muricata**

glandulosus Less. var. *microphyllus* DC. in part = **Myrovernix scaber**

glandulosus Less. var. *pallens* DC. = **Myrovernix muricata**

gnaphaloides (L.) Levyns = **Myrovernix gnaphaloides**

hispidus (L.f.) Druce

Cyathopappus metalasioides Sch. Bip. (2)

E. cyathiformis DC. (3)

E. spinellosus Cass. (1)

Gnaphalium hispidum L.f. (2)

Perennial. Shrub, dwarf shrub. Ht 0.1–0.3 m. Alt 1400–1800 m. WC

longifolius (DC.) Levyns = **Myrovernix muricata**

monticola Koekemoer

Perennial. Shrub. Ht 0.2–0.6 m. Alt 600–800 m. WC

muricella Steud. ex Sch. Bip. = **Myrovernix scaber**

rhinocerotis (L.f.) Less. = **Dicrothamnus rhinocerotis**

ruscianus Dinter = **Seriphium plumosum**

scaber Kuntze = **Myrovernix gnaphaloides**

scaber (L.f.) Druce = **Myrovernix scaber**

spinellosus Cass. = **E. hispidus**

EMILIA Cass.

9411010

Compiled by P.P.J. Herman

(1) Candolle. 1838. *Prodromus* 6: 301, 302.

(2) Hoffmann. 1903. *Kunene-Sambesi Expedition*: 422, 423.

(3) Moore. 1906. *Journal of the Linnean Society of Botany* 37: 449, 450.

(4) Merxmüller. 1967. *FSWA* 139: 55, 56.

(5) Hilliard. 1977. *Compositae in Natal*: 501, 502.

(6) Jeffrey. 1986. *Kew Bulletin* 41: 908–920.

(7) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 280–282.

(8) Manning & Goldblatt. 2001. *Bothalia* 31: 46–48.

albocostata Hiern = **E. marlothiana**

ambifaria (S. Moore) C. Jeffrey

Othonna ambifaria S. Moore (6)

Othonna polycephala Klatt (6)

Othonna rosea Klatt (6)

Senecio dinteri Muschl. ex Dinter (6)

Senecio schinzii O. Hoffm. (6)

Annual, occ. biennial. Herb, succulent. Ht 0.2–1.2 m. Alt 274–1067 m. N, B, LIM, NW

hantamensis J.C. Manning & Goldblatt

Annual. Herb. Ht 0.15–0.3 m. Alt 300–900 m. NC

limosa (O. Hoffm.) C. Jeffrey

Senecio limosus O. Hoffm. (6)

Perennial. Herb. Ht 0.15–0.3 m. Alt? LIM

marlothiana (O. Hoffm.) C. Jeffrey

E. albocostata Hiern (6)

Othonna glauca Klatt (6)

Senecio marlothianus O. Hoffm. (6)

Senecio viridiflorus Hutch. (6)

Perennial. Herb or suffrutex, succulent. Ht 0.2–1 m. Alt 400–2100 m. N

protracta S.Moore

Annual? Herb, hydrophyte. Ht? Alt? N

tenellula (S.Moore) C.Jeffrey*Senecio tenellulus* S.Moore (6)

Annual. Herb. Ht up to 0.3 m. Alt? B

transvaalensis (Bolus) C.Jeffrey*Senecio thermarum* Bolus (5, 6)*Senecio transvaalensis* Bolus (6)

Annual, occ. perennial. Herb or suffrutex. Ht 0.15–0.45 m. Alt 152–1920 m. B, LIM, G, M, S, KZN

ENGLERIA O.Hoffm. 8861000

Compiled by E. Retief

(1) Merxmüller. 1967. *FSWA* 139: 56, 57.**africana** O.Hoffm.

Annual. Herb. Ht up to 0.4 m. Alt 700–1200 m. N

africana O.Hoffm. var. *radiata* Oliv. = **E. decumbens****decumbens** (Welw. ex Hiern) Hiern*Adenogonum decumbens* Welw. ex Hiern (1)*E. africana* O.Hoffm. var. *radiata* Oliv. (1)

Annual. Herb. Ht up to 1 m. Alt ± 1850 m. N

ENYDRA Lour. 9164000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 303.**fluctuans** Lour.

Perennial. Herb, helophyte. Length up to 0.3 m. Alt ± 9 m. KZN

EPALTES Cass. 8953000*alata* (Sond.) Steetz = **Litogyne gariepina***gariepina* (DC.) Steetz = **Litogyne gariepina****EREMOTHAMNUS** O.Hoffm. 9373000

Compiled by P.P.J. Herman

(1) Hoffmann. 1889. *Botanische Jahrbücher* 10: 278, 279.(2) Merxmüller. 1967. *FSWA* 139: 58.(3) Herman *et al.* 1997. *List of southern African succulent plants*: 39.**marlothianus** O.Hoffm.*Pteronia aizoides* Muschl. (2)*Pteronia marlothiana* (O.Hoffm.) Dinter (2)

Perennial. Dwarf shrub, succulent. Ht 0.1–0.4 m. Alt 0–60 m. N

***ERIGERON** L. 8901000

Compiled by P.P.J. Herman

(1) Linnaeus. 1755. *Centuria plantarum* I: 80.(2) Desfontaines. 1799. *Flora atlantica* 2: 275.(3) Hilliard. 1977. *Compositae in Natal*: 67, 68.*aegyptiacus* L. = **Conyza aegyptiaca***alatum* D.Don = **Laggera crispata***bonariensis* L. = **Conyza bonariensis***canadensis* L. = **Conyza canadensis***capense* Hoult. = **Vernonia capensis***crispus* Pourr. = **Conyza bonariensis***floribundus* (Kunth) Sch.Bip. = **Conyza albida***gouanii* L. = **Conyza gouanii***graveolens* L. = **Dittrichia graveolens***incisum* Thunb. = **Conyza ulmifolia*****karvinskianus** DC.

Perennial. Herb. Ht up to 0.15 m. Alt 915–1463 m. LIM, G, M, S, KZN, WC

kraussii Sch.Bip. = **Nidorella auriculata***linifolius* Willd. = **Conyza bonariensis***molle* D.Don = **Blumea dregeanoides***natalensis* Sch.Bip. = **Microglossa mespilifolia***persicariifolius* Benth. = **Conyza attenuata***pinnatifidum* Thunb. = **Conyza pinnatifida***pinnatus* L.f. = **Conyza pinnata***scabrum* Thunb. = **Pulicaria scabra***sprengelii* Sch.Bip. = **Nidorella auriculata***sumatrensis* Retz. = **Conyza albida****ERIOCARPHA** Lag. ex DC. 9321040*peduncularis* Lag. ex DC. = **Lasiospermum pedunculare****ERIOCEPHALUS** L. 9320000

Compiled by P.P.J. Herman

(1) Burchell. 1822. *Travels in the interior of southern Africa* 1: 232, 259, 272.(2) Harvey. 1865. *FC* 3: 199–204.(3) Schlechter. 1899. *Botanische Jahrbücher* 27: 206.(4) Smith. 1931. *Kew Bulletin* 1931: 100–102.(5) Burt Davy. 1935. *Journal of South African Botany* 1: 106.(6) Adamson & Salter. 1950. *Flora of the Cape Peninsula*: 800.(7) Nordenstam. 1964. *Journal of South African Botany* 30: 49–52.(8) Merxmüller. 1967. *FSWA* 139: 58–62.(9) Müller *et al.* 2001. *FSA* 33,4,1: 1–63.*affinis* DC. = **E. racemosus** var. *affinis***africanus** L. var. **africanus***E. corymbosus* Moench (9)*E. frutescens* R.Br. (9)*E. septifer* Cass. (9)*E. septulifer* DC. (9)*E. variifolius* Salisb. (9)

Perennial. Shrub. Ht 0.3–0.9 m. Alt 0–100 m. WC

africanus L. var. **paniculatus** (Cass.) M.A.N.Müller, P.P.J.Herman & H.H.Kolberg*E. paniculatus* Cass. (9)*E. racemosus* Gaertn. (9)*E. sericeus* Gaudich. ex DC. (9)*E. umbellulatus* Cass. (9)*E. umbellulatus* Cass. var. *argenteus* DC. (9)*E. umbellulatus* Cass. var. *glabriusculus* DC. (9)*Monochlaena racemosus* Cass. (9)

Perennial. Shrub. Ht 0.3–0.9 m. Alt 100–3000 m. NC, WC, EC

ambiguus (DC.) M.A.N.Müller*E. aspalathoides* DC. var. *ambiguus* DC. (9)

Perennial. Shrub. Ht 0.3–0.6 m. Alt 0–300 m. N, B, NC, WC, EC

aromaticus C.A.Sm.

Perennial. Shrub. Ht up to 0.6 m. Alt 900–1500 m. WC, EC

aspalathoides DC. = **E. decussatus***aspalathoides* DC. var. *ambiguus* DC. = **E. ambiguus****brevifolius** (DC.) M.A.N.Müller*E. punctulatus* DC. var. *brevifolius* DC. (9)

Perennial. Shrub. Ht up to 1.2 m. Alt 900–2000 m. NC, WC

capitellatus DC.

- Perennial. Shrub. Ht 0.25–1.2 m. Alt 900–2000 m. WC, EC
- corymbosus* Moench = **E. africanus** var. **africanus**
- decussatus** Burch.
E. aspalathoides DC. (9)
Perennial. Shrub. Ht 0.6–1.5 m. Alt 1000–2500 m. NC, WC
- dinteri** S. Moore
E. parviflorus Dinter (9)
Perennial. Shrub. Ht 0.3–1 m. Alt 1000–2500 m. N
- eenii* S. Moore = **E. luederitzianus**
- ericoides** (L.f.) Druce subsp. **ericoides**
E. glaber Thunb. (9)
E. glaber Thunb. var. *sessiliflorus* Sond. ex Harv. (9)
Tarchonanthus ericoides L.f. (9)
Perennial. Shrub. Ht 0.3–1 m. Alt 350–1700 m. N, FS, NC, WC, EC
- ericoides** (L.f.) Druce subsp. **griquensis** M.A.N. Müller
Perennial. Shrub. Ht 0.3–1 m. Alt 300–1500 m. NC
- eximius** DC.
Perennial. Shrub. Ht 0.3–0.6 m. Alt 1000–2400 m. FS, L, NC, WC, EC
- frutescens* R.Br. = **E. africanus** var. **africanus**
- giessii** M.A.N. Müller
Perennial. Shrub. Ht 0.35–0.45 m. Alt 1000–2500 m. N
- glaber* Thunb. = **E. ericoides** subsp. **ericoides**
- glaber* Thunb. var. *pubescens* Harv. = **E. microphyllus** var. **microphyllus**
- glaber* Thunb. var. *sessiliflorus* Sond. ex Harv. = **E. ericoides** subsp. **ericoides**
- glandulosus** M.A.N. Müller
Perennial. Shrub. Ht 0.2–0.6 m. Alt 500–1500 m. NC, WC, EC
- grandiflorus** M.A.N. Müller
Perennial. Shrub. Ht 0.2–0.45 m. Alt 1500–3000 m. NC, WC
- hirsutus* Burtt Davy = **E. luederitzianus**
- karoocicus** M.A.N. Müller
Perennial. Shrub. Ht 0.15–0.45 m. Alt 0–300 m. FS, NC, EC
- kingesii** Merxm. & Eberle
Perennial. Shrub. Ht 0.3–0.6 m. Alt 30–150 m. N
- klingshardensis** M.A.N. Müller
Perennial. Shrub. Ht 0.35–0.6 m. Alt 1000–1500 m. N
- longifolius** M.A.N. Müller
Perennial. Shrub. Ht 0.4–1.5 m. Alt 1700–2500 m. LIM
- luederitzianus** O. Hoffm.
E. eenii S. Moore (9)
E. hirsutus Burtt Davy (9)
E. squarrosus Muschl. (9)
Perennial. Shrub. Ht 0.3–0.5 m. Alt 50–1500 m. N, B, LIM
- macroglossus** B. Nord.
Perennial. Shrub. Ht 0.5–1.2 m. Alt 610–915 m. NC
- merxmülleri** M.A.N. Müller
Perennial. Shrub. Ht 0.4–1.2 m. Alt 500–1500 m. N, NC
- microcephalus** DC.
Perennial. Shrub. Ht 0.4–1.2 m. Alt 600–2000 m. NC
- microphyllus** DC. var. **carinosus** M.A.N. Müller
Perennial. Shrub. Ht 0.2–0.6 m. Alt 2000–3000 m. WC
- microphyllus** DC. var. **microphyllus**
E. glaber Thunb. var. *pubescens* Harv. (9)
Perennial. Shrub. Ht 0.4–0.8 m. Alt 100–1000 m. NC
- microphyllus** DC. var. **pubescens** (DC.) M.A.N. Müller
E. pubescens DC. (9)
Perennial. Shrub. Ht 0.4–0.8 m. Alt 1000–2500 m. NC, WC
- namaquensis** M.A.N. Müller
Perennial. Shrub. Ht 0.25–0.45 m. Alt 1000–2500 m. NC, WC
- paniculatus* Cass. = **E. africanus** var. **paniculatus**
- parviflorus* Dinter = **E. dinteri**
- pauperrimus** Merxm. & Eberle
Perennial. Shrub. Ht 0.35–0.45 m. Alt 300–600 m. N, NC, WC
- pedicellaris** DC.
E. pteronioides DC. (9)
E. punctulatus DC. var. *pedicellaris* (DC.) Harv. (9)
Perennial. Shrub. Ht 0.4–0.9 m. Alt 100–600 m. NC, WC
- petrophiloides* DC. = **Euryops multifidus**
- pinnatus** O. Hoffm.
Perennial. Shrub or suffrutex. Ht 0.35–0.45 m. Alt up to 1525 m. N
- pteronioides* DC. = **E. pedicellaris**
- pubescens* DC. = **E. microphyllus** var. **pubescens**
- punctulatus** DC.
Perennial. Shrub. Ht 0.5–1.5 m. Alt 300–2000 m. NC, WC
- punctulatus* DC. var. *brevifolius* DC. = **E. brevifolius**
- punctulatus* DC. var. *pedicellaris* (DC.) Harv. = **E. pedicellaris**
- punctulatus* DC. var. *tenuifolius* (DC.) Harv. = **E. tenuifolius**
- purpureus** Burch.
E. xerophilus Schltr. (9)
Perennial. Shrub. Ht 0.3–0.6 m. Alt 300–1500 m. NC, WC
- racemosus** L. var. **affinis** (DC.) Harv.
E. affinis DC. (9)
Perennial. Shrub. Ht 1.2–2 m. Alt 50–200 m. NC, WC
- racemosus** L. var. **racemosus**
E. simplicifolius Salisb. (9)
E. spicatus Burm. ex DC. (9)
Perennial. Shrub. Ht 1.2–2 m. Alt 0–100 m. WC, EC
- racemosus* Gaertn. = **E. africanus** var. **paniculatus**
- rangei* Muschl. = **E. scariosus**
- scariosissimus* S. Moore = **E. scariosus**
- scariosus** DC.
E. rangei Muschl. (9)
E. scariosissimus S. Moore (9)
E. virgatus Dinter (9)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 500–1500 m. N, NC

septifer Cass. = **E. africanus** var. **africanus**
septulifer DC. = **E. africanus** var. **africanus**
sericeus Gaudich. ex DC. = **E. africanus** var. **paniculatus**
simplicifolius Salisb. = **E. racemosus** var. **racemosus**
spicatus Burm. ex DC. = **E. racemosus** var. **racemosus**
spinescens Burch.
 Perennial. Shrub. Ht 0.5–1.2 m. Alt 0–300 m. NC, WC
squarrosus Muschl. = **E. luederitzianus**
tenuifolius DC.
E. punctulatus DC. var. *tenuifolius* (DC.) Harv. (9)
 Perennial. Shrub. Ht 0.3–1.3 m. Alt 1000–2500 m. M, FS, L, NC, WC, EC
tenuipes C.A.Sm.
 Perennial. Shrub. Ht 0.4–1 m. Alt 900–2500 m. EC
umbellulatus Cass. = **E. africanus** var. **paniculatus**
umbellulatus Cass. var. *argenteus* DC. = **E. africanus** var. **paniculatus**
umbellulatus Cass. var. *glabriusculus* DC. = **E. africanus** var. **paniculatus**
variifolius Salisb. = **E. africanus** var. **africanus**
virgatus Dinter = **E. scariosus**
xerophilus Schltr. = **E. purpureus**

ERIOSPHAERA F.Dietr. 9321020
multifida F.Dietr. = **Lasiospermum pedunculare**

ERIOSPHAERA Less. 9002000
catipes DC. = **Helichrysum catipes**
coriacea DC. = **Helichrysum rotundatum**
oculus-cati (L.f.) Less. = **Galeomma oculus-cati**
stenolepis (S.Moore) Hilliard & B.L.Burt = **Galeomma stenolepis**

ERLANGEA Sch.Bip. 8740000
 Compiled by N. Netnou
 (1) Merxmüller. 1967. *FSWA* 139: 62, 63.
 (2) Wild. 1977. *Kirkia* 10,2: 362–364.
laxa (N.E.Br.) S.Moore = **Bothriocline laxa**
misera (Oliv. & Hiern) S.Moore
E. schinzii O.Hoffm. (2)
Vernonia merenskiana Dinter ex Merxm., naked name (1)
Vernonia misera Oliv. & Hiern (2)
 Annual. Herb. Ht 0.3–1 m. Alt 420–2100 m. N, B, LIM, NW, NC
remifolia Wild & G.V.Pope
 Annual. Herb. Ht up to 0.3 m. Alt up to 1525 m. B
schinzii O.Hoffm. = **E. misera**

EROEDA Levyns 9322010
capensis (L.) Levyns = **Oedera capensis**
hirta (Thunb.) Levyns = **Oedera hirta**
imbricata (Lam.) Levyns = **Oedera imbricata**
intermedia (DC.) Levyns = **Oedera imbricata**
laevis (DC.) Levyns = **Oedera laevis**
muirii (C.A.Sm.) Levyns = **Oedera laevis**

***ETHULIA** L.f. 8734000
 Compiled by N. Netnou
 (1) Gilbert & Jeffrey. 1988. *Kew Bulletin* 43: 165–173.
alata Sond. = **Litogyne gariepina**
auriculata Thunb. = **Dichrocephala integrifolia** subsp. **integrifolia**
conyzoides L.f. subsp. **conyzoides**
 Annual, occ. perennial. Shrub, herb. Ht 0.45–2 m. Alt 2–2200 m. N, B, LIM, M, S, KZN, EC
conyzoides L.f. subsp. **kraussii** (Walp.) M.G.Gilbert & C.Jeffrey
E. kraussii Walp. (1)
 Annual. Herb. Ht up to 1.5 m. Alt 5–900 m. KZN
gariepina DC. = **Litogyne gariepina**
kraussii Walp. = **E. conyzoides** subsp. **kraussii**

EUMORPHIA DC. 9323000
 Compiled by P.P.J. Herman
 (1) Harvey. 1865. *FC* 3: 153.
 (2) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 387, 388.
 (3) Phillips. 1950. *Journal of South African Botany* 16: 20.
 (4) Compton. 1967. *Journal of South African Botany* 33: 300.
 (5) Hilliard. 1977. *Compositae in Natal*: 331–333.
 (6) Hilliard & Burt. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40: 248, 249.
 (7) Källersjö. 1985. *Nordic Journal of Botany* 5: 538.
corymbosa E.Phillips
 Perennial. Shrub. Ht 0.3–1 m. Alt 1000–1828 m. WC
davyi Bolus
 Perennial. Shrub. Ht 0.18–2 m. Alt 1200–2286 m. LIM, M
dregeana DC.
 Perennial. Shrub. Ht 0.3–1 m. Alt 1311–1980 m. FS, EC
prostrata Bolus
 Perennial. Shrub. Length 0.17–0.6 m. Alt 1830–2970 m. KZN, L, EC
sericea J.M.Wood & M.S.Evans subsp. **robustior**
 Hilliard & B.L.Burt
 Perennial. Shrub. Ht 0.75–2 m. Alt 2073–2633 m. EC
sericea J.M.Wood & M.S.Evans subsp. **sericea**
 Perennial. Dwarf shrub. Ht 0.2–1.3 m. Alt 2438–3414 m. FS, KZN, L, EC
swaziensis Compton
 Perennial. Shrub. Ht 0.3–0.6 m. Alt 1219–1372 m. S

EUPATORIUM L. 8816000
adenophorum Spreng. = **Ageratina adenophora**
africanum Oliv. & Hiern = **Stomatanthus africanus**
coloratum Willd. = **Vernonia colorata** subsp. **colorata**
conyzoides Vahl = **Chromolaena odorata**
divaricatum P.J.Bergius = **Pteronia divaricata**
macrocephalum Less. = **Campuloclinium macrocephalum**
odoratum L. = **Chromolaena odorata**
retrofractum Thunb. = **Pegolettia retrofracta**
riparium Regel = **Ageratina riparia**
rugosum Houtt. = **Ageratina altissima**

EURYOPS (Cass.) Cass. 9417000

Compiled by P.P.J. Herman

- (1) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 389–392.
- (2) Phillips. 1928. *The Flowering Plants of South Africa* 8: t. 282.
- (3) Coetzee. 1959. *The Flowering Plants of Africa* 33: t. 1305.
- (4) Nordenstam. 1968. *Opera Botanica* 20: 1–409.
- (5) Claassen. 1969. *The Flowering Plants of Africa* 39: t. 1553.
- (6) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 285.

abrotanifolius (L.) DC.

- Cineraria abrotanifolia* (L.) P.J.Bergius (4)
E. abrotanifolius (L.) DC. var. *brachypus* Harv. (4)
E. abrotanifolius (L.) DC. var. *crassilobus* DC. (4)
E. abrotanifolius (L.) DC. var. *glabratus* DC. (4)
E. comosus Cass. (4)
E. comptonii Hutch. (4)
E. diversifolius Harv. (4)
E. speciosus Hutch. (4)

Jacobaeastrum abrotanifolium (L.) Kuntze (4)*Jacobaeastrum diversifolium* (Harv.) Kuntze (4)*Othonna abrotanifolia* L. (4)*Othonna uniflora* Savigny (4)

Perennial. Shrub. Ht 0.2–2 m. Alt 0–1800 m. NC, WC

abrotanifolius (L.) DC. var. *brachypus* Harv. = **E. abrotanifolius***abrotanifolius* (L.) DC. var. *crassilobus* DC. = **E. abrotanifolius***abrotanifolius* (L.) DC. var. *glabratus* DC. = **E. abrotanifolius***abrotanifolius* of author, not of (L.) DC.; Fourc., concept invalid = **E. pinnatipartitus****acraeus M.D.Hend.**

Perennial. Shrub. Ht 0.6–1 m. Alt 3000–3200 m. KZN, L

algoensis DC.*Jacobaeastrum algoense* (DC.) Kuntze (4)

Perennial. Shrub. Ht 0.45–1.2 m. Alt 0–670 m. EC

annae E.Phillips*E. oligoglossus* DC. in part (4)*E. racemosus* of author, not of DC., concept invalid (4)

Perennial. Shrub. Ht 0.2–1.5 m. Alt 1500–2700 m. FS, L, WC, EC

annuus Compton

Annual. Herb. Ht up to 0.4 m. Alt 340–550 m. NC, WC

anthemoides B.Nord. subsp. anthemoides*Gamolepis trifurcata* Less. (4)

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 100–1000 m. WC, EC

anthemoides B.Nord. subsp. astrotrichus B.Nord.

Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 600–1600 m. EC

asparagoides (Licht. ex Less.) DC.*Jacobaeastrum asparagoides* (Licht. ex Less.) Kuntze (4)*Mikania asparagoides* Licht. ex Less. (4)*Othonna schlechteriana* Dinter (4)

Perennial. Shrub. Ht 0.3–1 m. Alt 1350–1435 m. N, FS, NC

athanasiae (L.f.) Harv., illegitimate name = **E. speciosissimus****bolusii B.Nord.***Gamolepis intermedia* Bolus (4)

Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 1500–2000 m. WC

brachypodus (DC.) B.Nord.*Gamolepis brachypoda* DC. (4)*Gamolepis brachypoda* DC. var. *integrifolia* Harv. (4)*Gamolepis brachypoda* DC. var. *tridens* Harv. (4)*Osteospermum heterophyllum* DC. (4)

Perennial. Shrub. Ht 0.3–1.2 m. Alt 0–1000 m. EC

brevilobus Compton*E. serra* of author, not of DC.; Hutch., concept invalid (4)

Perennial. Shrub. Ht up to 1.5 m. Alt 600–900 m. WC

brevipapposus M.D.Hend.*E. tenuissimus* of author, not of (L.) DC. in part, concept invalid (4)

Perennial. Shrub. Ht 0.5–3 m. Alt 5–1500 m. LIM, M, S, KZN, EC

brevipes B.Nord.

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 2900–3000 m. KZN

caespitosus Markötter = **E. transvaalensis** subsp. **setilobus****calvescens DC.***Jacobaeastrum calvescens* (DC.) Kuntze (4)

Perennial. Shrub. Ht up to 0.5 m. Alt 1500–2000 m. EC

candollei Harv.*E. galpinii* E.Phillips, illegitimate name (4)*Jacobaeastrum candollei* (Harv.) Kuntze (4)

Perennial. Shrub or dwarf shrub. Ht 0.1–1.5 m. Alt 1500–3000 m. L, EC

carnosus Cass., illegitimate name = **E. tenuissimus** subsp. **tenuissimus****chrysanthemoides (DC.) B.Nord.***Gamolepis chrysanthemoides* DC. (4)

Perennial. Shrub. Ht 0.5–2 m. Alt 5–1000 m. KZN, EC

chrysanthemoides (DC.) B.Nord. × E. othonnoides (DC.) B.Nord.

Perennial. Shrub. Ht? Alt? WC

chrysanthemoides (DC.) B.Nord. × E. pectinatus (L.) Cass.

Perennial. Shrub. Ht 1–1.5 m. Alt? WC

chrysanthemoides (DC.) B.Nord. × E. spathaceus DC.

Perennial. Shrub. Ht? Alt? G, WC

ciliatus B.Nord.

Perennial. Shrub. Ht up to 1.2 m. Alt 1200–1550 m. EC

ciliatus Harv., as a synonym = **E. empetrifolius***comosus* Cass. = **E. abrotanifolius***comptonii* Hutch. = **E. abrotanifolius****cuneatus B.Nord.***Lasiocoma petrophiloides* of author, not of (DC.) Bolus, also not Compton, concept invalid (4)

Perennial. Shrub. Ht 0.27–1.5 m. Alt 750–1800 m. NC, WC

decipiens Schltr.

Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 600–1375 m. WC

decumbens B.Nord.*E. montanus* of author in part, not of Schltr.; E.Phillips, concept invalid (4)

Perennial. Dwarf shrub. Ht 0.05–0.25 m. Alt 2750–3400 m. KZN, L, EC

densifolius Sond. ex Harv., as a synonym = **E. empetrifolius**

dentatus B.Nord.

Perennial. Shrub. Ht up to 1 m. Alt 1000–1500 m. EC
dieterleniae J.M.Wood = **E. evansii** subsp. **evansii**

discoideus Burt Davy

Perennial. Herb. Ht up to 0.5 m. Alt 1000–1300 m. M
diversifolius Harv. = **E. abrotanifolius**

diversifolius Harv. var. *integrifolius* Harv., illegitimate name = **E. lasiocladus**

dregeanus Sch.Bip.

Jacobaeastrum dregeanum (Sch.Bip.) Kuntze (4)

Perennial. Shrub or dwarf shrub. Ht 0.1–0.9 m. Alt 185–1000 m. N, NC, WC

dyeri Hutch.

Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 1650–1900 m. EC

empetrifolius DC.

E. ciliatus Harv., as a synonym (4)

E. densifolius Sond. ex Harv., as a synonym (4)

E. sulcatus of author, not of (Thunb.) Harv., concept invalid (4)

E. sulcatus (Thunb.) Harv. var. *densifolius* Sond. ex Harv. (4)

Jacobaeastrum empetrifolium (DC.) Kuntze (4)

Perennial. Shrub. Ht 0.38–1 m. Alt 914–1594 m. FS, L, WC, EC

empetrifolius DC. × **E. subcarnosus** DC. subsp. **vulgaris** B.Nord.

Perennial. Shrub. Ht up to 1 m. Alt 1300–1500 m. FS

erectus (Compton) B.Nord.

Lysichlamys erecta Compton (4)

Perennial. Shrub. Ht 0.5–1 m. Alt 800–1500 m. WC

erectus (Compton) B.Nord. × **E. rehmannii** Compton

Perennial. Shrub. Ht? Alt ± 1220 m. WC

ericifolius (Bél.) B.Nord.

Gamolepis ericoides (L.f.) Less. var. *adpressifolius* (DC.) Harv. (4)

Jacquemontia ericifolia Bél. (4)

Psilothamnus adpressifolius DC. (4)

Psilothamnus ericifolius (Bél.) DC. (4)

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 30–250 m. EC

ericoides (L.f.) B.Nord.

Gamolepis ericoides (L.f.) Less. (4)

Othonna ericoides L.f. (4)

Perennial. Dwarf shrub. Ht 0.1–2.43 m. Alt 5–915 m. WC

eurypoides (DC.) B.Nord.

Gamolepis eurypoides DC. (4)

Perennial. Shrub. Ht 0.5–1.5 m. Alt 30–900 m. EC

evansii Schltr. subsp. **dendroides** B.Nord.

Perennial. Shrub. Ht up to 1.5 m. Alt 2000–3000 m. L

evansii Schltr. subsp. **evansii**

E. dieterleniae J.M.Wood (4)

Perennial. Shrub. Ht 0.5–1.8 m. Alt 1800–3050 m. KZN, L

evansii Schltr. subsp. **parvus** B.Nord.

Perennial. Shrub. Ht 0.15–0.25 m. Alt 2700–2900 m. KZN, L

flabelliformis Cass., illegitimate name = **E. virgineus**

floribundus N.E.Br.

Perennial. Shrub. Ht 0.3–3 m. Alt 185–1524 m. EC

galpinii Bolus

Perennial. Shrub. Ht 0.6–1 m. Alt 600–2100 m. EC

galpinii E.Phillips, illegitimate name = **E. candollei**

gilfillanii Bolus

Perennial. Herb. Ht up to 0.19 m. Alt 1200–2255 m. G, M

glutinosus B.Nord.

Perennial. Shrub. Ht 0.2–1.5 m. Alt 1500–2250 m. WC

gracilipes B.Nord.

Perennial. Dwarf shrub, decumbent. Length up to 0.3 m. Alt? EC

hebecarpus (DC.) B.Nord.

Gamolepis hebecarpa DC. (4)

Perennial. Dwarf shrub. Ht 0.03–0.3 m. Alt 100–200 m. WC

hypnoides B.Nord.

Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 500–610 m. EC

imbricatus (Thunb.) DC.

E. lateriflorus (L.f.) DC. var. *imbricatus* (Thunb.) Harv. (4)

Othonna imbricata Thunb. (4)

Perennial. Shrub. Ht 0.25–1.2 m. Alt 426–1700 m. NC, WC

imbricatus (Thunb.) DC. × **E. lateriflorus** (L.f.) DC.

Perennial. Shrub. Ht? Alt ± 1590 m. NC

indecorus B.Nord.

Perennial. Shrub. Ht 0.2–1 m. Alt 800–1000 m. WC

inops B.Nord.

Perennial. Shrub. Ht 0.5–1.5 m. Alt 2000–2400 m. L

integrifolius B.Nord.

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 1200–1250 m. WC

khamiesbergensis Hutch. = **E. tenuissimus** subsp. **tenuissimus**

krookii Gand. = **E. tysonii**

lasiocladus (DC.) B.Nord.

E. diversifolius Harv. var. *integrifolius* Harv., illegitimate name (4)

E. longipes DC. var. *lasiocladus* DC. (4)

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 300–600 m. WC

lateriflorus (L.f.) DC.

E. pearsonii E.Phillips (4)

E. subsessilis Sch.Bip. (4)

Jacobaeastrum lateriflorum (L.f.) Kuntze (4)

Jacobaeastrum subsessile (Sch.Bip.) Kuntze (4)

Othonna lateriflora L.f. (4)

Perennial. Shrub. Ht 0.3–2.5 m. Alt 100–1917 m. N, FS, NC, WC, EC

lateriflorus (L.f.) DC. var. *imbricatus* (Thunb.) Harv. = **E. imbricatus**

lateriflorus (L.f.) DC. var. *oblongifolia* O.Hoffm. = **E. tysonii**

lateriflorus (L.f.) DC. × **E. sulcatus** (Thunb.) Harv.

Perennial. Shrub. Ht? Alt ± 1430 m. NC

lateriflorus of author, not of (L.f.) DC., concept invalid = **E. tysonii**

latifolius B.Nord.

Perennial. Shrub. Ht 1–2.5 m. Alt 600–650 m. EC

laxus (Harv.) Burt Davy

Gamolepis debilis Harv. (4)

Gamolepis laxa Harv. (4)

Gamolepis pectinata Less. var. *natalensis* Sch.Bip. (4)

Perennial. Herb. Ht 0.15–0.35 m. Alt 0–2100 m. G, M, S, FS, KZN, EC

leiocarpus (DC.) B.Nord.*Gamolepis leiocarpa* (DC.) Harv. (4)*Osteospermum leiocarpum* DC. (4)

Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 0–150 m. KZN, EC

linearis Harv.*Jacobaeastrum lineare* (Harv.) Kuntze (4)

Perennial. Shrub. Ht 0.5–3 m. Alt 20–185 m. WC

linifolius (L.) DC.*Agathaea linifolia* (L.) G.Don ex Loud. (4)*Cineraria linifolia* (L.) L. (4)*Jacobaeastrum linifolium* (L.) Kuntze (4)*Othonna linifolia* L. (4)

Perennial. Shrub. Ht 0.6–2 m. Alt 30–155 m. WC

linifolius (L.) DC. × **E. thunbergii** B.Nord.

Perennial. Shrub. Ht? Alt? WC

linifolius of author, not of (L.) DC., concept invalid = **E. thunbergii***longifolius* Cass. = **E. tenuissimus** subsp. **tenuissimus***longipes* DC. var. *integrifolius* Harv. in part = **E. zeyheri****longipes** DC. var. **lasiocarpus** B.Nord.

Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 1000–1800 m. WC

longipes DC. var. *lasiocladus* DC. = **E. lasiocladus****longipes** DC. var. **longipes***Jacobaeastrum longipes* (DC.) Kuntze (4)

Perennial. Dwarf shrub. Ht 0.1–0.45 m. Alt 300–1400 m. WC

longipes of author, not of DC., concept invalid = **E. thunbergii****marlothii** B.Nord.

Perennial. Shrub. Ht 0.4–1.5 m. Alt 1400–1615 m. NC

megalanthus Gand. = **E. speciosissimus****microphyllus** (Compton) B.Nord.*Thodaya microphylla* Compton (4)

Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 700–1675 m. WC

mirus B.Nord.

Perennial. Shrub. Ht up to 0.25 m. Alt 600–1000 m. NC

montanus of author in part, not of Schltr.; E.Phillips, concept invalid = **E. decumbens****montanus** Schltr.

Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 2250–3300 m. KZN, L, EC

mucosus B.Nord.

Perennial. Shrub. Ht up to 0.5 m. Alt? N

muirii C.A.Sm.*Lysichlamys muirii* (C.A.Sm.) Compton (4)

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 100–200 m. WC

multifidus of author, not of (Thunb.) DC., concept invalid = **E. subcarnosus** subsp. **vulgaris***multifidus* of author, not of (Thunb.) DC.; Hutch., concept invalid = **E. subcarnosus** subsp. **minor****multifidus** (Thunb.) DC.*Eriocephalus petrophiloides* DC. (4)*Lasiocoma petrophiloides* (DC.) Bolus (4)*Othonna multifida* Thunb. (4)

Perennial. Shrub. Ht 0.45–1.5 m. Alt 90–1370 m. NC, WC

multifidus (Thunb.) DC. var. *multifidus* in sense of Merxm., misapplied name = **E. subcarnosus** subsp. **vulgaris***multifidus* (Thunb.) DC. var. *namibensis* Merxm. = **E. namibensis***multinervis* N.E.Br. = **E. transvaalensis** subsp. **transvaalensis****munitus** (L.f.) B.Nord.*Gamolepis munita* (L.f.) Less. (4)*Osteospermum fallax* Spreng. ex DC. (4)*Othonna munita* L.f. (4)

Perennial. Shrub. Ht 0.1–1 m. Alt 0–1100 m. WC, EC

namaquensis Schltr.

Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 400–1700 m. WC

namibensis (Merxm.) B.Nord.*E. multifidus* (Thunb.) DC. var. *namibensis* Merxm. (4)

Perennial. Shrub. Ht 0.4–1.2 m. Alt 100–900 m. N, NC

neptunicus S.Moore = **E. transvaalensis** subsp. **setilobus****nodosus** B.Nord.

Perennial. Shrub or dwarf shrub. Ht 0.3–1 m. Alt 1200–1650 m. NC, WC

oligoglossus DC. in part = **E. annae****oligoglossus** DC. subsp. **oligoglossus***E. triquetus* Less. ex Harv. (4)*Jacobaeastrum oligoglossum* (DC.) Kuntze (4)

Perennial. Shrub. Ht 0.3–1.7 m. Alt 600–2500 m. L, NC, WC, EC

oligoglossus DC. subsp. **racemosus** (DC.) B.Nord.*E. racemosus* DC. (4)

Perennial. Shrub. Ht 0.4–1.7 m. Alt 700–1650 m. NC, WC

othonnoides (DC.) B.Nord.*Ruckeria euryopoides* Drège ex Harv. (4)*Ruckeria euryopsidis* DC. (4)*Ruckeria othonnoides* DC. (4)

Perennial. Shrub. Ht 0.1–0.4 m. Alt 300–1930 m. NC, WC

pearsonii E.Phillips = **E. lateriflorus****pectinatus** (L.) Cass. subsp. **lobulatus** B.Nord.

Perennial. Shrub. Ht 0.5–2 m. Alt 900–1000 m. WC

pectinatus (L.) Cass. subsp. **pectinatus***E. pectinatus* (L.) Cass. var. *discoideus* DC. (4)*Jacobaeastrum pectinatum* (L.) Kuntze (4)*Othonna pectinata* L. (4)*Othonna tomentosa* Salisb., illegitimate name (4)

Perennial. Shrub. Ht 0.5–2 m. Alt 150–1370 m. WC

pectinatus (L.) Cass. var. *discoideus* DC. = **E. pectinatus** subsp. **pectinatus****pedunculatus** N.E.Br.*E. rogersii* Burt Davy (4)

Perennial. Shrub or suffrutex. Ht 0.2–1 m. Alt 1200–2100 m. LIM, M, S, FS, KZN

petraeus B.Nord.

Perennial. Dwarf shrub. Ht 0.1–0.8 m. Alt 1650–2450 m. NC, EC

pinnatipartitus (DC.) B.Nord.*E. abrotanifolius* of author, not of (L.) DC.; Fourc., concept invalid (4)*Gamolepis pectinata* Less. (4)*Gamolepis pinnatipartita* (DC.) Harv. (4)*Osteospermum pinnatipartitum* DC. (4)

- Perennial. Shrub or dwarf shrub. Ht 0.3–1 m. Alt 500–1500 m. WC, EC
- pleiodontus** B.Nord.
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt 600–900 m. NC
- polytrichoides** (Harv.) B.Nord.
Gamolepis polytrichoides Harv. (4)
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 600–700 m. EC
- pulcher* Muschl. ex Dinter, naked name = **E. subcarnosus** subsp. **vulgaris**
- punctatus* DC. = **E. subcarnosus** subsp. **subcarnosus**
- racemosus* DC. = **E. oligoglossus** subsp. **racemosus**
- racemosus* of author, not of DC., concept invalid = **E. annae**
- rehmannii** Compton
E. tenuissimus of author, not of (L.) DC. in part, concept invalid (4)
Perennial. Shrub. Ht 0.45–1.5 m. Alt 500–1500 m. WC, EC
- rogersii* Burt Davy = **E. pedunculatus**
- rosulatus** B.Nord.
Perennial. Shrub. Ht up to 0.25 m. Alt 550–700 m. NC
- rupestris** Schltr. var. **dasycarpus** B.Nord.
E. trifurcatus of author, not of (L.f.) Cass.; Hutch., concept invalid (4)
Perennial. Dwarf shrub. Ht 0.5–1.2 m. Alt 300–1550 m. WC
- rupestris** Schltr. var. **rupestris**
E. trifurcatus of author in part, not of (L.f.) Cass., concept invalid (4)
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 360–1800 m. WC
- schenkii* O.Hoffm. = **Othonna sedifolia**
- serra** DC.
Jacobaeastrum serra (DC.) Kuntze (4)
Perennial. Shrub. Ht 0.5–3 m. Alt 200–1000 m. WC
- serra* of author, not of DC.; Hutch., concept invalid = **E. brevilobus**
- setilobus* N.E.Br. = **E. transvaalensis** subsp. **setilobus**
- sparsiflorus* S.Moore = **Othonna sparsiflora**
- spathaceus** DC.
E. spathaceus DC. var. *campanulatus* Sch.Bip. (4)
E. spathaceus DC. var. *dodecaglossa* DC. (4)
Jacobaeastrum spathaceum (DC.) Kuntze (4)
Perennial. Shrub. Ht 0.3–1.5 m. Alt 20–1465 m. WC, EC
- spathaceus* DC. var. *campanulatus* Sch.Bip. = **E. spathaceus**
- spathaceus* DC. var. *dodecaglossa* DC. = **E. spathaceus**
- speciosissimus** DC.
E. athanasiae (L.f.) Harv., illegitimate name (4)
E. megalanthus Gand. (4)
Jacobaeastrum athanasiae (L.f.) Kuntze (4)
Othonna athanasiae L.f. (4)
Perennial. Shrub. Ht 0.45–2.5 m. Alt 150–853 m. NC, WC
- speciosissimus** DC. × **E. thunbergii** B.Nord.
Perennial. Shrub. Ht? Alt? WC
- speciosus* Hutch. = **E. abrotanifolius**
- striatus* N.E.Br. = **E. transvaalensis** subsp. **setilobus**
- strictus* DC. = **E. tenuissimus** subsp. **tenuissimus**
- subcarnosus** DC. subsp. **foetidus** B.Nord.
Perennial. Shrub. Ht 0.2–0.5 m. Alt 300–1200 m. B, NC
- subcarnosus** DC. subsp. **minor** B.Nord.
E. multifidus of author, not of (Thunb.) DC.; Hutch., concept invalid (4)
Perennial. Shrub. Ht up to 1.5 m. Alt 900–1200 m. NC
- subcarnosus** DC. subsp. **subcarnosus**
E. punctatus DC. (4)
E. subcarnosus DC. var. *indivisus* DC. (4)
Jacobaeastrum punctatum (DC.) Kuntze (4)
Jacobaeastrum subcarnosum (DC.) Kuntze (4)
Thodaya elongata Compton (4)
Perennial. Shrub or dwarf shrub. Ht 0.15–0.5 m. Alt 200–1200 m. WC
- subcarnosus** DC. subsp. **vulgaris** B.Nord.
E. multifidus of author, not of (Thunb.) DC., concept invalid (4)
E. multifidus (Thunb.) DC. var. *multifidus* in sense of Merxm., misapplied name (4)
E. pulcher Muschl. ex Dinter, naked name (4)
E. subcarnosus of author, not of DC., concept invalid (4)
Perennial. Shrub or dwarf shrub. Ht 0.3–1.5 m. Alt 600–2200 m. N, FS, L, NC, WC, EC
- subcarnosus* DC. var. *indivisus* DC. = **E. subcarnosus** subsp. **subcarnosus**
- subcarnosus* of author, not of DC., concept invalid = **E. subcarnosus** subsp. **vulgaris**
- subsessilis* Sch.Bip. = **E. lateriflorus**
- sulcatus* of author, not of (Thunb.) Harv., concept invalid = **E. empetrifolius**
- sulcatus** (Thunb.) Harv.
Jacobaeastrum sulcatum (Thunb.) Kuntze (4)
Othonna sulcata Thunb. (4)
Perennial. Shrub. Ht up to 1.5 m. Alt 1500–1860 m. NC
- sulcatus* (Thunb.) Harv. var. *densifolius* Sond. ex Harv. = **E. empetrifolius**
- tagetoides** (DC.) B.Nord.
Ruckeria tagetoides DC. (4)
Perennial. Shrub. Ht up to 1 m. Alt 300–900 m. NC, WC
- tenuilobus** (DC.) B.Nord.
Osteospermum tenuilobum DC. (4)
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 150–600 m. WC
- tenuissimus** (L.) DC. subsp. **tenuissimus**
E. carnosus Cass., illegitimate name (4)
E. khamiesbergensis Hutch. (4)
E. longifolius Cass. (4)
E. strictus DC. (4)
Jacobaeastrum tenuissimum (L.) Kuntze (4)
Othonna linifolia Burm.f., illegitimate name (4)
Othonna tenuissima L. (4)
Perennial. Shrub. Ht 0.3–2.5 m. Alt 90–1400 m. NC, WC
- tenuissimus** (L.) DC. subsp. **trifurcatus** (L.f.) B.Nord.
E. trifurcatus (L.f.) Cass. (4)
Jacobaeastrum trifurcatum (L.f.) Kuntze (4)
Othonna trifurcata L.f. (4)
Perennial. Shrub. Ht 0.3–2.5 m. Alt 200–1065 m. WC
- tenuissimus* of author, not of (L.) DC. in part, concept invalid = **E. brevipapposus**
- tenuissimus* of author, not of (L.) DC. in part, concept invalid = **E. rehmannii**

thunbergii B.Nord.*E. linifolius* of author, not of (L.) DC., concept invalid (4)*E. longipes* of author, not of DC., concept invalid (4)

Perennial. Shrub. Ht 0.6–1.2 m. Alt 60–795 m. WC

transvaalensis Klatt subsp. **setilobus** (N.E.Br.) B.Nord.*E. caespitosus* Markötter (4)*E. neptunicus* S.Moore (4)*E. setilobus* N.E.Br. (4)*E. striatus* N.E.Br. (4)*Gamolepis caudata* Klatt ex Burt Davy & R.Pott (4)

Perennial. Herb. Ht 0.02–0.25 m. Alt 900–2030 m. M, S, FS, KZN

transvaalensis Klatt subsp. **transvaalensis***E. multinervis* N.E.Br. (4)

Perennial. Herb. Ht 0.02–0.3 m. Alt 900–2100 m. NW, G, M, S, FS, KZN

trifidus (L.f.) DC.*Jacobaeastrum trifidum* (L.f.) Kuntze (4)*Othonna trifida* L.f. (4)

Perennial. Shrub. Ht 0.5–1 m. Alt 1450–1800 m. NC, WC

trifurcatus (L.f.) Cass. = **E. tenuissimus** subsp. **trifurcatus****trifurcatus** of author in part, not of (L.f.) Cass., concept invalid = **E. rupestris** var. **rupestris****trifurcatus** of author, not of (L.f.) Cass.; Hutch., concept invalid = **E. rupestris** var. **dasyarpus****trilobus** Harv.*Jacobaeastrum trilobum* (Harv.) Kuntze (4)

Perennial. Shrub. Ht 0.3–1.2 m. Alt 1500–2400 m. EC

triqueter Less. ex Harv. = **E. oligoglossus** subsp. **oligoglossus****tysonii** E.Phillips*E. krookii* Gand. (4)*E. lateriflorus* (L.f.) DC. var. *oblongifolia* O.Hoffm. (4)*E. lateriflorus* of author, not of (L.f.) DC., concept invalid (4)*E. tysonii* E.Phillips var. *dieterleniae* E.Phillips (4)

Perennial. Shrub. Ht 0.45–1.5 m. Alt 1220–2470 m. FS, KZN, L, EC

tysonii E.Phillips var. *dieterleniae* E.Phillips = **E. tysonii****ursinoides** B.Nord.

Perennial. Shrub. Ht 1–2 m. Alt 30–600 m. EC

virgatus B.Nord.

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 600–900 m. NC

virginus (L.f.) DC.*E. flabelliformis* Cass., illegitimate name (4)*Jacobaeastrum virginum* (L.f.) Kuntze (4)*Othonna virginea* L.f. (4)

Perennial. Shrub. Ht 0.45–3.5 m. Alt 15–1770 m. WC, EC

wagneri Compton

Perennial. Shrub. Ht up to 1.5 m. Alt 700–1220 m. NC, WC

walterorum Merxm.

Perennial. Shrub. Ht 0.7–1.5 m. Alt 2000–2334 m. N

zeyheri B.Nord.*E. longipes* DC. var. *integrifolius* Harv. in part (4)

Perennial. Dwarf shrub. Ht up to 0.2 m. Alt? WC?

***FACELIS** Cass. 8986000

Compiled by P.P.J. Herman

(1) Hilliard. 1983. *FSA* 33,7,2: 4.**retusa** (Lam.) Sch.Bip.*Gnaphalium retusum* Lam. (1)*Helichrysum retusum* (Lam.) Spreng. (1)

Annual. Herb. Ht up to 0.25 m. Alt 5–1500 m. KZN, EC

FELICIA Cass. 8919000

Compiled by P.P.J. Herman

(1) Moore. 1926. *Journal of Botany, London* 64: 304.(2) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 250.(3) Yeo. 1970. *Taxon* 19: 946.(4) Grau. 1972. *The Flowering Plants of Africa* 42: t. 1645.(5) Grau. 1973. *Mitteilungen der Botanischen Staatssammlung München* 9: 195–705.(6) Manning & Goldblatt. 2002. *Bothalia* 32: 193–195.**aculeata** Grau*Agathaea hirta* DC. (5)*Aster hirtus* (DC.) Harv. (5)

Perennial. Shrub. Ht 0.1–0.6 m. Alt 30–1200 m. WC

adfinis (Less.) Nees = **F. dubia****aethiopica** (Burm.f.) Bolus & Wolley-Dod ex Adamson & T.M.Salter subsp. **aethiopica***Agathaea amelloides* (L.) DC. var. *kraussii* (Sch.Bip.) Sch.Bip. (5)*Agathaea kraussii* Sch.Bip. (5)*Agathaea microphylla* Cass. (5)*Aster aethiopicus* Burm.f. (5)*Aster aethiopicus* Burm.f. var. *glandulosus* Harv. (5)*Aster kraussii* (Sch.Bip.) Harv. (5)*Cineraria microphylla* (Cass.) Vahl ex DC. (5)

Perennial. Shrub. Ht 0.4–0.5 m. Alt 30–1000 m. WC

aethiopica (Burm.f.) Bolus & Wolley-Dod ex Adamson & T.M.Salter subsp. **ecklonis** (Less.) Grau*Agathaea ecklonis* (Less.) Nees (5)*Aster ecklonis* Less. (5)

Perennial. Shrub. Ht 0.6–1 m. Alt 10–2100 m. KZN, WC, EC

alba Grau

Annual. Herb. Ht up to 0.3 m. Alt 900–1500 m. N

amelloides (L.) Voss*Agathaea amelloides* (L.) DC. (5)*Agathaea coelestis* Cass. (5)*Agathaea rotundifolia* (Thunb.) Nees (5)*Aster capensis* Less. var. *rotundifolius* (Thunb.) Harv. (5)*Aster rotundifolius* Thunb. (5)*Cineraria amelloides* L. (5)*Cineraria oppositifolia* Moench (5)

Perennial or biennial. Herb or shrub. Ht 0.2–1 m. Alt 0–1000 m. WC, EC

amelloides Schltr. = **F. drakensbergensis****amoena** (Sch.Bip.) Levyns subsp. **amoena***Agathaea amoena* Sch.Bip. (5)*Aster amoenus* (Sch.Bip.) Harv. (5)*Aster elongatus* Thunb. var. *spathulaefolius* Harv. (5)*Aster pappei* Harv. (5)

Biennial or perennial. Herb. Ht up to 0.25 m. Alt up to 700 m. WC

amoena (Sch.Bip.) Levyns subsp. **latifolia** Grau

Biennial or perennial. Herb. Ht 0.06–1.28 m. Alt 1–275 m. WC, EC

amoena (Sch.Bip.) Levyns subsp. **stricta** (DC.) Grau*Agathaea stricta* DC. (5)*Aster adfinis* Less. var. *strictus* (DC.) Harv. (5)

Biennial or perennial. Herb. Ht up to 0.3 m. Alt 15–1200 m. WC

angustifolia (Jacq.) Nees var. **glabra** DC. = **F. hyssopifolia** subsp. **glabra**

angustifolia (Jacq.) Nees var. *hyssopifolia* (P.J.Bergius) DC. = **F. hyssopifolia** subsp. **hyssopifolia**

annectens (Harv.) Grau
Aster annectens Harv. (5)
Annual. Herb. Ht up to 0.15 m. Alt 100–300 m. WC

anthemidodes (Hiern) Mendonça
Detris ericifolia (Forssk.) Hiern var. *anthemidodes* Hiern (5)
Annual or biennial. Herb. Ht 0.1–0.4 m. Alt 0–900 m. N, B

asper Burt Davy = **Aster bakerianus**

australis (Alston) E. Phillips
Aster dentatus Thunb. (5)
Aster tenellus L. var. *glaber* Harv. (5)
Pseudotrichia australis Alston (5)
Annual. Herb. Ht 0.07–0.25 m. Alt 300–1675 m. NC, WC

bachmanni Thell. = **F. serrata**

bachmanni Thell. var. *schlechteri* Thell. = **F. serrata**

bechuanica Mattf.
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 425–600 m. B, LIM

bellidioides Schltr. subsp. **bellidioides**
Perennial. Herb or dwarf shrub. Ht up to 0.25 m. Alt 900–2500 m. WC

bellidioides Schltr. subsp. **foliata** Grau
Perennial. Herb or dwarf shrub. Ht up to 0.2 m. Alt 914–2060 m. WC

bergeriana (Spreng.) O. Hoffm.
Agathaea bergeriana (Spreng.) DC. (5)
Aster bergerianus (Spreng.) Harv. (5)
Cineraria bergeriana Spreng. (5)
Elphegea bergeriana (Spreng.) Less. (5)
F. bergeriana (Spreng.) Bolus & Wolley-Dod ex Adamson & T.M.Salter (5)
Annual. Herb. Ht 0.15–0.25 m. Alt 4–460 m. NC, WC

bergeriana (Spreng.) Bolus & Wolley-Dod ex Adamson & T.M.Salter = **F. bergeriana**

brachyglossa Cass. = **F. cymbalariae** subsp. **cymbalariae**

brevifolia (DC.) Grau
Agathaea brevifolia DC. (5)
Aster dregei (DC.) Harv. var. *dentata* (DC.) Harv. (5)
Aster grossedentatus Dinter (5)
Aster scabridus (DC.) E.Mey. ex Harv. & Sond. var. *brevifolius* (DC.) Harv. (5)
F. dregei DC. var. *dentata* DC. (5)
F. grossedentata (Dinter) Range (5)
Perennial. Shrub. Ht 0.4–1.52 m. Alt 900–2200 m. N, NC, WC?

buchbergensis (Dinter) Merxm. = **F. hirsuta**

burchellii N.E.Br. = **F. flanaganii**

burkei (Harv.) L. Bolus
Aster burkei Harv. (5)
Aster rufibarbis Harv. (5)
Perennial. Shrub. Ht 0.07–0.45 m. Alt 915–1370 m. N, FS, NC, EC

caespitosa Grau
Perennial. Herb. Ht up to 0.15 m. Alt 2000–2538 m. L, EC

caffrorum (Less.) Nees = **Microglossa caffrorum**

cana DC.
Aster hyssopifolius P.J.Bergius var. *canus* (DC.) Harv. (5)
Perennial. Dwarf shrub. Ht 0.1–0.22 m. Alt 45–425 m. WC

canaliculata Grau
Perennial. Shrub. Ht up to 0.4 m. Alt 15–30 m. WC

candollei (Harv.) Bolus & Wolley-Dod ex Adamson & T.M.Salter = **F. cymbalarioides**

ciliaris DC. = **Gymnostephium ciliare**

ciliaris DC. var. *leiopoda* DC. = **F. zeyheri** subsp. **zeyheri**

clavipilosa Grau subsp. **clavipilosa**
F. hyssopifolia of author, not of (P.J.Bergius) Nees, concept invalid (5)
Perennial. Shrub. Ht 0.07–0.6 m. Alt 365–1800 m. N, B, NC

clavipilosa Grau subsp. **transvaalensis** Grau
Perennial. Shrub. Ht 0.11–0.6 m. Alt 595–1800 m. B, LIM, G, M

comptonii Grau
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 1000–1500 m. WC

cotuloides DC. = **F. tenella** subsp. **cotuloides**

cymbalariae (Aiton) Bolus & Wolley-Dod ex Adamson & T.M.Salter subsp. **cymbalariae**
Aster cymbalariae Aiton (5)
Aster hirsutus (Vent.) Harv. (5)
Aster oppositifolius L. (5)
Cineraria hirsuta Vent. (5)
F. brachyglossa Cass. (5)
Munichia brachyglossa (Cass.) Cass. (5)
Munichia cymbalariae (Aiton) Nees (5)
Munichia cymbalariae (Aiton) Nees var. *microcephala* DC. (5)
Munichia hirsuta (Vent.) DC. (5)
Perennial. Herb. Ht up to 0.3 m. Alt 200–1850 m. WC

cymbalariae (Aiton) Bolus & Wolley-Dod ex Adamson & T.M.Salter subsp. **ionops** (Harv.) Grau
Aster cymbalariae Aiton var. *ionops* Harv. (5)
Perennial. Herb. Ht up to 0.3 m. Alt 600–1890 m. WC

cymbalarioides (DC.) Grau
Aster candollei Harv. (5)
F. candollei (Harv.) Bolus & Wolley-Dod ex Adamson & T.M.Salter (5)
Munichia cymbalarioides DC. (5)
Annual, occ. perennial. Herb. Ht up to 0.25 m. Alt 400–1500 m. WC

denticulata Grau
Perennial. Shrub. Ht up to 0.5 m. Alt 300–1000 m. WC

deserti Schltr. ex Grau
F. deserti Schltr. ex Hutch. (5)
Perennial. Shrub. Ht up to 0.2 m. Alt 300–500 m. NC

deserti Schltr. ex Hutch. = **F. deserti**

diffusa (DC.) Grau subsp. **diffusa**
Agathaea diffusa DC. (5)
Aster demissus Harv. (5)
Perennial. Dwarf shrub. Ht up to 0.25 m. Alt 610–1200 m. WC

diffusa (DC.) Grau subsp. **khamiesbergensis** Grau
Perennial. Dwarf shrub. Ht up to 0.25 m. Alt 1200–1400 m. NC

drakensbergensis J.M.Wood & M.S.Evans
F. amelloides Schltr. (5)
Perennial. Shrub. Ht 0.1–0.3 m. Alt 2000–3355 m. KZN, L

dregei DC.
Aster dregei (DC.) Harv. (5)
F. dregei DC. var. *incisa* O.Hoffm. (5)

- Perennial. Shrub. Ht 0.6–1.5 m. Alt 60–1100 m. NC, WC
- dregei* DC. var. *dentata* DC. = **F. brevifolia**
- dregei* DC. var. *incisa* O.Hoffm. = **F. dregei**
- dubia** Cass.
Aster adfinis Less. (5)
F. adfinis (Less.) Nees (5)
F. pusilla N.E.Br. (5)
 Annual. Herb. Ht 0.05–0.4 m. Alt 30–1035 m. NC, WC
- ebracteata** Grau
 Perennial. Shrub. Ht 0.15–0.5 m. Alt 45–180 m. WC
- echinata** (Thunb.) Nees
Aster echinatus (Thunb.) Less. (5)
Aster echinatus (Thunb.) Less. var. *paralia* (DC.) Harv. (5)
F. paralia DC. (5)
Pteronia echinata Thunb. (5)
 Perennial. Shrub. Ht 0.3–1 m. Alt 0–155 m. WC, EC
- elongata** (Thunb.) O.Hoffm.
Agathaea elongata (Thunb.) Nees (5)
Agathaea tricolor Nees (5)
Aster elongatus Thunb. (5)
Aster elongatus Thunb. var. *thunbergii* Harv. (5)
Aster tricolor (Nees) Harv. (5)
F. elongata (Thunb.) Bolus & Wolley-Dod ex Adamson & T.M.Salter (5)
 Perennial. Herb or shrub. Ht up to 0.4 m. Alt 10–150 m. WC
- elongata* (Thunb.) Bolus & Wolley-Dod ex Adamson & T.M.Salter = **F. elongata**
- erigeroides** DC.
Aster erigeroides (DC.) Harv. (5)
Aster erigeroides (DC.) Harv. var. *schultesii* Harv. (5)
Aster erigeroides (DC.) Harv. var. *trinervius* (Turcz.) Harv. (5)
F. natalensis Sch.Bip. ex Walp. (5)
F. trinervia Turcz. (5)
 Perennial. Shrub. Ht 0.3–1.2 m. Alt 6–1370 m. KZN, EC
- erucifolia* Thell. = **Aster erucifolius**
- esterhuyseniae** Grau
 Perennial. Shrub. Ht up to 0.25 m. Alt 900–1500 m. WC
- fascicularis** DC.
Aster muricatus Thunb. var. *fascicularis* (DC.) E.Mey. ex Harv. (5)
 Perennial. Shrub. Ht 0.1–0.3 m. Alt 35–2200 m. LIM, NW, G, M, FS, NC, WC, EC
- fascicularis* DC. var. *pubescens* DC. = **F. zeyheri** subsp. **linifolia**
- ferulacea** Compton
 Perennial. Shrub. Ht 0.5–2 m. Alt 500–2200 m. WC
- ficoidea** DC. = **Poecilolepis ficoidea**
- filifolia** (Vent.) Burt Davy subsp. **bodkinii** (Compton) Grau
Aster bodkinii Compton (5)
F. teres Compton (5)
Fresenia fasciculata Bolus (5)
 Perennial. Shrub. Ht 0.3–0.9 m. Alt 90–3800 m. NC, WC, EC
- filifolia** (Vent.) Burt Davy subsp. **filifolia**
Aster filifolius Vent. (5)
Diplopappus filifolius (Vent.) DC. (5)
Diplopappus filifolius (Vent.) DC. var. *teretifolius* (Less.) DC. (5)
Diplopappus teretifolius Less. (5)
Diplostegium filifolium (Vent.) Nees (5)
Diplostegium teretifolium (Less.) Nees (5)
- Perennial. Shrub. Ht 0.6–1.5 m. Alt 15–2450 m. NW, G, M, FS, KZN, L, NC, WC, EC
- filifolia** (Vent.) Burt Davy subsp. **schaeferi** (Dinter) Grau
Aster schaeferi Dinter (5)
Fresenia leptophylla DC. (5)
 Perennial. Shrub. Ht 0.15–0.25 m. Alt 15–2000 m. N, NC, WC
- filifolia** (Vent.) Burt Davy subsp. **schlechteri** (Compton) Grau
Aster schlechteri Compton (5)
Diplopappus elongatus DC. (5)
Diplopappus filifolius (Vent.) DC. var. *elongatus* (DC.) Harv. (5)
 Perennial. Shrub. Ht 0.3–1 m. Alt 370–1100 m. WC, EC
- flanaganii** Bolus
F. burchellii N.E.Br. (5)
 Perennial. Shrub. Ht up to 0.45 m. Alt 90–795 m. EC
- fragilis* Cass. = **F. tenella** subsp. **tenella**
- frutescens* R.E.Fr. = **F. muricata** subsp. **muricata**
- fruticosa** (L.) G.Nicholson subsp. **brevipedunculata** (Hutch.) Grau
Aster brevipedunculatus Hutch. (5)
 Perennial. Shrub. Ht 0.53–1.3 m. Alt 1000–1920 m. LIM
- fruticosa** (L.) G.Nicholson subsp. **fruticosa**
Aster fruticosus L. (5)
Aster fruticosus Willd. (5)
Diplopappus extenuatus (Nees) DC. (5)
Diplopappus fruticosus (L.) Levyns (5)
Diplopappus fruticosus (Willd.) Less. (5)
Diplostegium extenuatum Nees (5)
Diplostegium fruticosum (Willd.) Nees (5)
Diplostegium longipes Cass. (5)
 Perennial. Shrub. Ht 0.5–1 m. Alt 46–300 m. WC
- gariiepina* (DC.) L.Bolus = **Nolletia gariiepina**
- grossedentata* (Dinter) Range = **F. brevifolia**
- gunillae** B.Nord.
 Perennial. Shrub. Ht up to 1.5 m. Alt 2000–2560 m. N
- heterophylla** (Cass.) Grau
Charieis caerulea Cass. (5)
Charieis heterophylla Cass. (5)
Charieis neesii Cass. (5)
Kaufussia amelloides Nees (5)
 Annual. Herb. Ht up to 0.35 m. Alt 5–1220 m. WC
- hirsuta** DC.
Aster buchubergensis Dinter (5)
Aster confusus Harv. (5)
F. buchubergensis (Dinter) Merxm. (5)
 Perennial. Shrub. Ht 0.01–0.6 m. Alt 100–2000 m. N, FS, NC, WC, EC
- hirta** (Thunb.) Grau
Aster hirtus Thunb. (5)
Aster hyssopifolius P.J.Bergius var. *hirtus* (Thunb.) Harv. (5)
 Perennial. Shrub. Ht 0.15–0.35 m. Alt 60–1400 m. NC, WC, EC
- hispida** (DC.) Grau
Agathaea hispida DC. (5)
Agathaea hispida DC. var. *barbigera* DC. (5)
Aster elongatus Thunb. var. *barbiger* (DC.) Harv. (5)
Aster elongatus Thunb. var. *thunbergii* Harv. in part (5)
 Perennial. Herb. Ht up to 0.3 m. Alt 600–1300 m. NC, WC
- hyssopifolia* of author, not of (P.J.Bergius) Nees, concept invalid = **F. clavipilosa** subsp. **clavipilosa**

hyssopifolia (P.J.Bergius) Nees subsp. **glabra** (DC.)

Grau

Aster serrulatus Harv. var. *glaber* (DC.) Harv. (5)*Aster simulans* Harv. (5)*F. angustifolia* (Jacq.) Nees var. *glabra* DC. (5)*F. lasiopoda* Hutch. (5)

Perennial. Shrub. Ht 0.2–0.6 m. Alt 2–1600 m. NC, WC

hyssopifolia (P.J.Bergius) Nees subsp. **hyssopifolia***Aster angustifolius* Jacq. (5)*Aster hyssopifolius* P.J.Bergius (5)*Aster villosus* Thunb. in part (5)*F. angustifolia* (Jacq.) Nees var. *hyssopifolia* (P.J.Bergius) DC. (5)

Perennial. Shrub. Ht 0.2–0.5 m. Alt 30–335 m. WC

hyssopifolia (P.J.Bergius) Nees subsp. **polyphylla** (Harv.) Grau*Aster serrulatus* Harv. var. *densus* Harv. (5)*Aster serrulatus* Harv. var. *polyphyllus* Harv. (5)

Perennial. Shrub. Ht 0.15–0.9 m. Alt 30–1676 m. L, WC, EC

hyssopifolia (P.J.Bergius) Nees var. *straminea* (Hiern)Mendonça = **F. mossamedensis***imbricata* DC. = **Polyarrhena imbricata****josephinae** J.C.Manning & Goldblatt

Annual. Herb. Ht 0.15–0.2 m. Alt 0–300 m. WC

joubertinae Grau subsp. **glabrescens** Grau

Perennial. Shrub. Ht up to 0.3 m. Alt 600–900 m. EC

joubertinae Grau subsp. **joubertinae**

Perennial. Shrub. Ht up to 0.4 m. Alt 600–900 m. EC

karooica Compton = **F. lasiocarpa****lasiocarpa** DC.*Aster lasiocarpus* (DC.) Harv. (5)*F. karoocarpa* Compton (5)

Perennial. Shrub. Ht up to 0.3 m. Alt up to 1524 m. WC

lasiocarpa (DC.) Compton, not of DC. = **Zyrphelis lasiocarpa***lasiopoda* Hutch. = **F. hyssopifolia** subsp. **glabra****linearis** N.E.Br.*F. lingulata* Klatt ex Schinz (5)

Perennial. Herb. Ht up to 0.2 m. Alt 1800–3355 m. KZN, L, EC

lingulata Klatt ex Schinz = **F. linearis****linifolia** (Harv.) Grau*Agathaea zeyheri* Nees (5)*Aster linifolius* Harv. (5)*Aster venustus* Fourc. (5)*Cineraria linifolia* Zeyh. ex DC. (5)

Perennial. Shrub. Ht up to 0.45 m. Alt 425–1200 m. WC, EC

lutea N.E.Br. = **F. mossamedensis****macrorrhiza** (Thunb.) DC.*Aster macrorrhizus* Thunb. (5)*Fresenia nana* Hutch. (5)*Fresenia scaposa* DC. (5)*Fresenia stuposa* Steud. (5)

Perennial. Dwarf shrub. Ht up to 0.15 m. Alt up to 1370 m. NC

maritima Bolus = **Poecilolepis maritima****merxmulleri** Grau

Annual. Herb. Ht 0.1–0.3 m. Alt 195–1300 m. NC, WC

microcephala Grau

Perennial. Shrub. Ht up to 0.3 m. Alt 300–950 m. EC

microsperma DC.*Aster microspermus* (DC.) Harv. (5)

Annual. Herb. Ht 0.12–0.5 m. Alt 235–1200 m. N, NC, WC

minima (Hutch.) Grau*Aster elongatus* Thunb. var. *pappei* Harv. (5)*Aster minimus* Hutch. (5)

Annual. Herb. Ht 0.05–0.25 m. Alt 100–1500 m. WC

monocephala Grau

Perennial. Herb. Ht up to 0.09 m. Alt 3048–3352 m. L

mossamedensis (Hiern) Mendonça*Aster luteus* (N.E.Br.) Hutch. (5)*Detris hyssopifolia* (P.J.Bergius) Hiern var. *straminea* Hiern (5)*Detris mossamedensis* Hiern (5)*F. hyssopifolia* (P.J.Bergius) Nees var. *straminea* (Hiern) Mendonça (5)*F. lutea* N.E.Br. (5)

Annual, occ. perennial. Herb. Ht 0.07–0.3 m. Alt 155–2350 m. B, LIM, G, M, S, KZN

muricata (Thunb.) Nees subsp. **cinerascens** Grau*Detris dinteri* S.Moore (5)

Perennial. Shrub. Ht 0.15–0.35 m. Alt 150–1300 m. N, B, NW, NC

muricata (Thunb.) Nees subsp. **muricata***Aster muricatus* Thunb. (5)*Aster muricatus* Thunb. var. *chrysocomoides* Sond. (5)*Aster villosus* Thunb. in part (5)*F. frutescens* R.E.Fr. (5)

Perennial. Shrub. Ht 0.02–0.7 m. Alt 10–2600 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

muricata (Thunb.) Nees subsp. **strictifolia** Grau

Perennial. Shrub. Ht 0.08–0.5 m. Alt 1000–1750 m. LIM, NW, G, M

namaquana (Harv.) Merxm.*Aster elongatus* Thunb. var. *candollei* Harv. (5)*Aster namaquanus* Harv. (5)*F. prageri* Mattf. (5)*F. schenckii* O.Hoffm. (5)*Susanna dinteri* E.Phillips (5)

Annual. Herb. Ht 0.05–0.25 m. Alt 90–1370 m. N, NC, WC

nana Mattf. = **F. smaragdina***natalensis* Sch.Bip. ex Walp. = **F. erigeroides***natalensis* (Sch.Bip.) Schltr. = **F. rosulata****nigrescens** Grau

Perennial. Herb. Ht up to 0.06 m. Alt 300–350 m. WC

nordenstamii Grau

Perennial. Shrub. Ht up to 0.5 m. Alt up to 170 m. WC

odorata Compton

Perennial. Shrub. Ht up to 0.4 m. Alt up to 1500 m. NC, WC

oleosa Grau

Perennial. Shrub. Ht up to 0.3 m. Alt 1000–1500 m. WC

ovata (Thunb.) Compton*Agathaea barbata* DC. (5)*Agathaea barbata* DC. var. *subalbescens* DC. (5)*Agathaea strigosa* (A.Spreng.) Nees (5)*Aster barbatus* (DC.) Harv. (5)*Aster charieis* Less. (5)*Aster elongatus* Thunb. var. *crassifolius* Harv. (5)*Aster strigosus* (A.Spreng.) Harv. (5)*Detris barbata* (DC.) Schltr. (5)*Kaulfussia strigosa* Spreng.f. (5)

- Leysera ovata* Thunb. (5)
Mairia felicioides Hutch. & Corbishley (5)
 Perennial. Shrub. Ht 0.1–0.3 m. Alt 90–2000 m. FS, NC, WC, EC
- paralia* DC. = **F. echinata**
- petiolata** (Harv.) N.E.Br.
Aster petiolatus Harv. (5)
 Perennial. Herb. Ht 0.9–1 m. Alt 1500–2400 m. FS, L, EC
- pinnatifida* J.M.Wood & M.S.Evans = **Aster erucifolius**
- prageri* Mattf. = **F. namaquana**
- puberula** Grau
 Annual. Herb. Ht 0.25–0.35 m. Alt 300–1300 m. NC, WC
- pusilla* N.E.Br. = **F. dubia**
- quinquenervia** (Klatt) Grau
Aster quinquenervius Klatt (5)
Aster woodii Klatt (5)
 Perennial. Herb. Ht 0.15–0.6 m. Alt 600–2895 m. KZN, L?, EC
- reflexa* (L.) DC. = **Polyarrhena reflexa** subsp. **reflexa**
- retorta* DC. = **Senecio retortus**
- rigidula* DC. = **Chrysocoma rigidula**
- rigidula* DC. var. *subcanescens* DC. = **Chrysocoma rigidula**
- rogersii** S.Moore
 Perennial. Shrub. Ht 0.15–0.4 m. Alt up to 1844 m. WC
- rosulata** Yeo
Agathaea natalensis Sch.Bip. (3, 5)
Aster natalensis (Sch.Bip.) Harv. (3, 5)
F. natalensis (Sch.Bip.) Schltr. (3, 5)
 Perennial. Herb. Ht 0.1–0.3 m. Alt 640–3290 m. M, S, FS, KZN, L, EC
- scabrida** (DC.) Range
Agathaea scabrida DC. (5)
Aster scabridus (DC.) E.Mey. ex Harv. & Sond. (5)
 Perennial. Shrub. Ht 0.3–1.5 m. Alt 600–1220 m. NC, WC
- schenckii* O.Hoffm. = **F. namaquana**
- serrata** (Thunb.) Grau
Agathaea serrata (Thunb.) Nees (5)
Aster serratus Thunb. (5)
F. bachmanni Thell. (5)
F. bachmanni Thell. var. *schlechteri* Thell. (5)
 Perennial. Herb. Ht up to 0.4 m. Alt 900–1525 m. WC
- serrulata* (Harv.) Burt Davy = **Aster harveyanus**
- smaragdina** (S.Moore) Merxm.
Detris smaragdina S.Moore (5)
Detris smaragdina S.Moore var. *versicolor* S.Moore (5)
F. nana Mattf. (5)
 Annual. Herb. Ht 0.15–0.4 m. Alt 500–1435 m. N
- stenophylla** Grau
 Perennial. Herb or shrub. Ht up to 0.6 m. Alt 640–780 m. NC, WC
- stricta* Compton = **F. venusta**
- tenella** (L.) Nees subsp. **cotuloides** (DC.) Grau
Aster tenellus L. var. *cotuloides* (DC.) Harv. (5)
F. cotuloides DC. (5)
 Annual. Herb. Ht up to 0.2 m. Alt 70–609 m. NC, WC
- tenella** (L.) Nees subsp. **longifolia** (DC.) Grau
Aster tenellus L. var. *longifolius* (DC.) Harv. (5)
F. tenella (L.) Nees var. *longifolia* DC. (5)
Kaulfussia ciliata Spreng. (5)
 Annual. Herb. Ht up to 0.3 m. Alt 10–700 m. WC
- tenella** (L.) Nees subsp. **pusilla** (Harv.) Grau
Aster tenellus L. var. *pusillus* Harv. (5)
 Annual. Herb. Ht up to 0.2 m. Alt 30–1000 m. WC
- tenella** (L.) Nees subsp. **tenella**
Aster tenellus L. (5)
Aster tenellus L. var. *robustus* Harv. (5)
Cineraria tenella (L.) Link (5)
Detris tenella (L.) S.Moore (5)
F. fragilis Cass. (5)
 Annual. Herb. Ht up to 0.45 m. Alt 5–765 m. WC
- tenella* (L.) Nees var. *longifolia* DC. = **F. tenella** subsp. **longifolia**
- tenera** (DC.) Grau
Agathaea tenera DC. (5)
Aster tener (DC.) Harv. (5)
 Annual. Herb. Ht up to 0.4 m. Alt 200–900 m. NC
- teres* Compton = **F. filifolia** subsp. **bodkinii**
- trinervia* Turcz. = **F. erigeroides**
- tsitsikamae** Grau
 Perennial. Shrub. Ht up to 0.3 m. Alt 1000–1525 m. WC
- uliginosa** (J.M.Wood & M.S.Evans) Grau
Aster uliginosus J.M.Wood & M.S.Evans (5)
 Perennial. Herb. Ht 0.06–0.15 m. Alt 2700–3400 m. KZN, L
- venusta** S.Moore
F. stricta Compton (5)
 Perennial. Shrub. Ht up to 0.3 m. Alt 600–1220 m. WC
- westae** (Fourc.) Grau
Aster westae Fourc. (5)
 Perennial. Shrub. Ht up to 0.4 m. Alt 50–250 m. WC, EC
- whitehillensis** Compton
 Perennial. Shrub. Ht 0.22–0.45 m. Alt 670–1220 m. NC, WC
- wrightii** Hilliard & B.L.Burt
 Perennial. Herb. Ht up to 0.2 m. Alt 1500–2000 m. KZN
- zeyheri** (Less.) Nees subsp. **linifolia** (Harv.) Grau
Aster hyssoptifolius P.J.Bergius var. *linifolius* Harv. (5)
F. fascicularis DC. var. *pubescens* DC. (5)
 Perennial. Shrub. Ht up to 0.4 m. Alt 155–1900 m. WC, EC
- zeyheri** (Less.) Nees subsp. **zeyheri**
Aster serrulatus Harv. var. *setosus* Harv. (5)
Aster zeyheri Less. (5)
F. ciliaris DC. var. *leiopoda* DC. (5)
 Perennial. Shrub. Ht up to 0.3 m. Alt 10–1435 m. EC

***FLAVERIA** Juss. 9282000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 324, 325.

bidentis (L.) Kuntze

F. contrayerba (Cav.) Pers. (1)

Annual. Herb. Ht 0.2–1.2 m. Alt 5–1525 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC

contrayerba (Cav.) Pers. = **F. bidentis**

FOVEOLINA Källersjö 9366040

Compiled by P.P.J. Herman

(1) Hutchinson. 1946. *A botanist in southern Africa*: 144.

- (2) Merxmüller & Roessler. 1979. *Mitteilungen der Botanischen Staatssammlung München* 15: 371–374.
 (3) Källersjö. 1988. *Botanical Journal of the Linnean Society* 96: 316–320.
 (4) Goldblatt & Manning. 2000. *Strelitzia* 9: 326.
 (5) Beyers. 2002. *Bothalia* 32: 185.

albida (DC.) Källersjö = **F. dichotoma**

albidiformis (Thell.) Källersjö

Matricaria albidiformis Thell. (3)

Pentzia membranacea Hutch. (3)

Annual. Herb. Ht up to 0.15 m. Alt ± 800 m. NC, WC

dichotoma (DC.) Källersjö

F. albida (DC.) Källersjö (5)

Matricaria albida (DC.) Fenzl ex Harv. (5)

Matricaria dichotoma (DC.) Fenzl ex Harv. (3, 5)

Matricaria hirsutifolia S.Moore (5)

Pentzia albida (DC.) Hutch. (5)

Pentzia annua DC. (5)

Pentzia dichotoma DC. (3, 5)

Tanacetum albidum DC. (5)

Annual. Herb. Ht 0.04–0.35 m. Alt 25–1400 m. N, NC, WC, EC

schinziana (Thell.) Källersjö

Matricaria schinziana Thell. (3)

Pentzia schinziana (Thell.) Merxm. & Eberle (3)

Annual. Herb. Ht 0.1–0.3 m. Alt? N

tenella (DC.) Källersjö

Matricaria tenella DC. (3)

Annual. Herb. Ht 0.05–0.5 m. Alt 15–975 m. NC, WC

FRESENI DC. 8859000

fasciculata Bolus = **Felicia filifolia** subsp. **bodkinii**

foliosa Klatt = **Pegolettia retrofracta**

leptophylla DC. = **Felicia filifolia** subsp. **schaeferi**

nana Hutch. = **Felicia macrorrhiza**

pinnatilobata Klatt = **Pegolettia pinnatilobata**

scaposa DC. = **Felicia macrorrhiza**

*stupos*a Steud. = **Felicia macrorrhiza**

***GAILLARDIA** Foug. 9306000

Compiled by N. Netnou

(1) Bailey & Bailey. 1977. *Hortus third*: 492.

(2) Hilliard. 1977. *Compositae in Natal*: 327, 328.

aristata Pursh

Perennial. Herb. Ht up to 0.6 m. Alt up to 1345 m. NW

pulchella Foug.

Annual. Herb. Ht up to 0.5 m. Alt 5–1345 m. NW, FS, KZN, EC

GALEOMMA Rauschert 8987010

Compiled by P.P.J. Herman

(1) Hilliard. 1983. *FSA* 33,7,2: 13–15.

oculus-cati (L.f.) Rauschert

Eriospaera oculus-cati (L.f.) Less. (1)

Gnaphalium oculus-cati L.f. (1)

Annual. Herb, prostrate. Length 0.01–0.02 m. Alt up to 1400 m. NC

stenolepis (S.Moore) Hilliard

Eriospaera stenolepis (S.Moore) Hilliard & B.L.Burtt (1)

Gnaphalium stenolepis S.Moore (1)

Annual. Herb, prostrate. Length 0.03–0.15 m. Alt 500–1500 m. N, B, NC

***GALINSOGA** Ruíz & Pav. 9246000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 322, 323.

ciliata (Raf.) S.F.Blake

Adventina ciliata Raf. (1)

Annual. Herb. Ht up to 0.5 m. Alt 50–1600 m. LIM, NW, G, M, S, KZN

parviflora Cav.

Annual. Herb. Ht 0.07–0.5 m. Alt 10–2325 m. N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

***GAMOCHAETA** Wedd. 8992060

Compiled by P.P.J. Herman

(1) Hilliard. 1983. *FSA* 33,7,2: 27–29.

(2) Kerguelen. 1987. *Lejeunia* 120: 104.

(3) Anderberg. 1991. *Opera Botanica* 104: 155–157.

(4) Hilliard. 1994. *Compositae in Natal Addendum*: 3.

calviceps (Fernald) Cabrera

Gnaphalium calviceps Fernald (3)

Annual. Herb. Ht up to 0.3 m. Alt up to 1000 m. KZN

coarctata (Willd.) Kerguelen

G. spicata (Lam.) Cabrera (2, 4)

Gnaphalium coarctatum Willd. (2, 4)

Gnaphalium spicatum Lam. (2, 4)

Annual or biennial. Herb. Ht up to 0.5 m. Alt 50–2000 m. G, M, S, KZN, WC, EC

pennsylvanica (Willd.) Cabrera

Gnaphalium pennsylvanicum Willd. (3)

Gnaphalium peregrinum Fernald (1, 3)

Annual. Herb. Ht up to 0.4 m. Alt up to 1200 m. LIM, NW, G, M, S, FS, KZN, EC

spicata (Lam.) Cabrera = **G. coarctata**

spiciformis (Sch.Bip.) Cabrera

Annual. Herb, erect or decumbent. Ht/Length 0.05–0.12 m. Alt 1000–1500 m. S, EC

subfalcata (Cabrera) Cabrera

Gnaphalium subfalcatum Cabrera (3)

Annual. Herb. Ht up to 0.35 m. Alt 0–2000 m. LIM, G, M, S, FS, KZN, EC

GAMOLEPIS Less. 9421000

brachypoda DC. = **Euryops brachypodus**

brachypoda DC. var. *integrifolia* Harv. = **Euryops brachypodus**

brachypoda DC. var. *tridens* Harv. = **Euryops brachypodus**

caudata Klatt ex Burt Davy & R.Pott = **Euryops transvaalensis** subsp. **setilobus**

chrysanthemoides DC. = **Euryops chrysanthemoides**

debilis Harv. = **Euryops laxus**

ericoides (L.f.) Less. = **Euryops ericoides**

ericoides (L.f.) Less. var. *adpressifolius* (DC.) Harv. = **Euryops ericifolius**

euryopoides DC. = **Euryops euryopoides**

hebecarpa DC. = **Euryops hebecarpus**

intermedia Bolus = **Euryops bolusii**

laxa Harv. = **Euryops laxus**

leiocarpa (DC.) Harv. = **Euryops leiocarpus**

munita (L.f.) Less. = **Euryops munitus**

pectinata Less. = **Euryops pinnatipartitus**

pectinata Less. var. *natalensis* Sch.Bip. = **Euryops laxus**

pinnatipartita (DC.) Harv. = **Euryops pinnatipartitus**

polytrichoides Harv. = **Euryops polytrichoides**

speciosa Pillans = **Steirodiscus speciosus**
tagetes (L.) DC. = **Steirodiscus tagetes**
trifurcata Less. = **Euryops anthemoides** subsp. **anthemoides**

GARULEUM Cass. 9426000

Compiled by P.P.J. Herman

- (1) Harvey. 1865. *FC* 3: 92.
- (2) Moore. 1878. *Journal of Botany, London* 16: 133.
- (3) Norlindh. 1943. *Studies in the Calenduleae*: 30, 33.
- (4) Merxmüller. 1967. *FSWA* 139: 71, 72.
- (5) Claassen. 1970. *The Flowering Plants of Africa* 40: t. 1593.
- (6) Hilliard. 1977. *Compositae in Natal*: 515–519.
- (7) Norlindh. 1977. *Botaniska Notiser* 130: 377–380.

album S.Moore

Perennial. Shrub. Ht 0.6–0.9 m. Alt 600–610 m. EC

bipinnatum (Thunb.) Less.

Dimorphotheca multifida DC. (7)

Osteospermum bipinnatum Thunb. (1, 7)

Perennial. Dwarf shrub or herb. Ht 0.3–1.5 m. Alt 305–1220 m. NC, WC, EC

bipinnatum Dinter = **G. schinzii** subsp. **crinitum**

crinitum Dinter = **G. schinzii** subsp. **crinitum**

latifolium Harv.

Osteospermum calendulaceum Harv. (6)

Perennial. Shrub or herb. Ht up to 1.2 m. Alt 335–800 m. KZN

pinnatifidum (Thunb.) DC.

G. viscosum Cass. (1)

Osteospermum caeruleum Aiton (1)

Osteospermum pinnatifidum Thunb. (1)

Perennial. Shrub or herb. Ht 0.3–1.5 m. Alt 765–1705 m. FS, NC, EC

schinzii O.Hoffm. subsp. **crinitum** (Dinter) Merxm.

G. bipinnatum Dinter (4)

G. crinitum Dinter (4)

Perennial. Herb or suffrutex. Ht 0.5–1.2 m. Alt? N

schinzii O.Hoffm. subsp. **schinzii**

Perennial. Herb or suffrutex. Ht 0.2–1 m. Alt 1069–1145 m. N, NC

sonchifolium (DC.) Norl.

Osteospermum sonchifolium DC. (3, 6)

Perennial. Shrub or herb. Ht 0.3–1.2 m. Alt 450–1860 m. KZN, EC

tanacetifolium (MacOwan) Norl.

Osteospermum tanacetifolium MacOwan (3)

Perennial. Shrub. Ht up to 0.9 m. Alt 1200–1400 m. EC

viscosum Cass. = **G. pinnatifidum**

woodii Schinz

Perennial. Shrub or suffrutex. Ht 0.3–0.6 m. Alt 1645–2745 m. G, M, FS, KZN, L

GAZANIA Gaertn. 9434000

Compiled by E. Retief

- (1) Phillips. 1922. *The Flowering Plants of South Africa* 2: tt. 51, 64, 69.
- (2) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 183.
- (3) Phillips. 1937. *The Flowering Plants of South Africa* 17: t. 659.
- (4) Roessler. 1959. *Mitteilungen der Botanischen Staatssammlung München* 3: 364–418.
- (5) Merxmüller. 1967. *FSWA* 139: 72–74.
- (6) Pope. 1992. *FZ* 6.1: 252–255.
- (7) Retief & Herman. 1997. *Strelitzia* 6: 308.
- (8) Goldblatt & Manning. 2000. *Strelitzia* 9: 326, 327.

aculeata Muschl. ex Dinter = **G. schenckii**

araneosa DC. = **G. lichtensteinii**

arctotooides Less. = **G. krebsiana** subsp. **arctotooides**

armerioides DC. = **Hirpicium armerioides**

bracteata N.E.Br. = **G. krebsiana** subsp. **serrulata**

burchellii DC. = **Hirpicium echinus**

caespitosa Bolus

Perennial. Dwarf shrub. Ht ± 0.01 m. Alt 364–460 m. EC

canescens Harv. = **G. krebsiana** subsp. **serrulata**

ciliaris DC.

Perennial. Herb. Ht 0.01–0.25 m. Alt 30–700 m. WC

diffusa (Thunb.) Spreng. = **Gorteria diffusa** subsp. **diffusa**

forbesiana DC. = **Arctotheca forbesiana**

heterochaeta DC.

G. humilis E.Mey. ex DC. (4)

Perennial. Herb. Ht 0.05–0.08 m. Alt 212–1005 m. N, NC, WC

humilis E.Mey. ex DC. = **G. heterochaeta**

integrifolia (Thunb.) Spreng. = **Hirpicium integrifolium**

intrusa E.Mey. ex DC. = **G. othonnites**

jurineifolia DC. subsp. **jurineifolia**

Perennial. Herb. Ht 0.03–0.5 m. Alt 800–1405 m. FS, NC, WC, EC

jurineifolia DC. subsp. **scabra** (DC.) Roessler

G. pinnata (Thunb.) Less. var. *scabra* (DC.) Harv. (4)

G. varians of Dinter, not of DC., concept invalid (5)

G. venusta Taylor (4)

G. violacea Muschl. ex Engl. & Drude (4)

Perennial. Herb. Ht 0.05–0.1 m. Alt 40–400 m. N, NC

kraussii Sch.Bip. = **G. linearis** var. **linearis**

krebsiana Less. subsp. **arctotooides** (Less.) Roessler

G. arctotooides Less. (4)

G. leptophylla DC. (4)

G. longifolia Less. (4)

G. pavonia (Andrews) R.Br. var. *zeyheri* Harv. (4)

G. rogersii S.Moore (4)

Perennial. Herb. Ht 0.03–0.1 m. Alt 20–2745 m. B, LIM, NW, M, FS, NC, WC, EC

krebsiana Less. subsp. **krebsiana**

G. lineariloba DC. (4)

G. mucronata DC. (4)

G. oxyloba DC. (4)

G. varians DC. (4)

Perennial. Herb. Ht 0.05–0.2 m. Alt 15–3240 m. FS, KZN, L, NC, WC, EC

krebsiana Less. subsp. **serrulata** (DC.) Roessler

G. bracteata N.E.Br. (4)

G. canescens Harv. (4)

G. montana Spreng. (4)

G. munroi E.Phillips (4)

G. nivea of author, not of Less., concept invalid (4)

G. pygmaea Sond. (4)

G. schinzii O.Hoffm. (4)

G. serrulata DC. (4)

Perennial. Herb. Ht 0.05–0.1 m. Alt 15–2955 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

leiopoda (DC.) Roessler

G. pinnata (Thunb.) Less. var. *leiopoda* DC. (4)

Perennial. Herb. Ht 0.1–0.3 m. Alt 10–1525 m. NC, WC

leptophylla DC. = **G. krebsiana** subsp. **arctotooides**

leucolaena DC. = **G. rigens** var. **leucolaena**

lichtensteinii Less.

G. araneosa DC. (4)

G. suffruticosa of authors, not of Muschl., concept invalid (4)

Annual, occ. perennial. Herb. Ht 0.05–0.4 m. Alt 140–1365 m. N, NC, WC

linearifolia Bolus = **Hirpicium linearifolium**

lineariloba DC. = **G. krebsiana** subsp. **krebsiana**

linearis (Thunb.) Druce var. **linearis**

G. kraussii Sch.Bip. (4)

G. longiscapa DC. (4)

G. pinnata (Thunb.) Less. var. *multijuga* (DC.) Harv. (4)

G. subulata R.Br. (4)

Gorteria linearis Thunb. (4)

Perennial. Herb. Ht 0.1–0.3 m. Alt 5–1300 m. KZN, L, WC, EC

linearis (Thunb.) Druce var. **ovalis** (Harv.) Roessler

G. longiscapa DC. var. *ovalis* Harv. (4)

G. pottsii L.Bolus (4)

Perennial. Herb. Ht 0.1–0.3 m. Alt 150–856 m. EC

longifolia Less. = **G. krebsiana** subsp. **arctotooides**

longiscapa DC. = **G. linearis** var. **linearis**

longiscapa DC. var. *ovalis* Harv. = **G. linearis** var. **ovalis**

maritima Levyns

Perennial. Herb. Ht ± 0.1 m. Alt 1–200 m. NC, WC

montana Spreng. = **G. krebsiana** subsp. **serrulata**

mucronata DC. = **G. krebsiana** subsp. **krebsiana**

munroi E.Phillips = **G. krebsiana** subsp. **serrulata**

nivea of author, not of Less., concept invalid = **G. krebsiana** subsp. **serrulata**

othonnites (Thunb.) Less.

G. intrusa E.Mey. ex DC. (4)

Gorteria othonnites Thunb. (4)

Perennial. Herb, mat-forming. Ht ± 0.05 m. Alt 1100–1340 m. NC, WC

oxyloba DC. = **G. krebsiana** subsp. **krebsiana**

pavonia (Andrews) R.Br. var. *hirtella* (DC.) Harv. = **G. rigida**

pavonia (Andrews) R.Br. var. *zeyheri* Harv. = **G. krebsiana** subsp. **arctotooides**

pectinata (Thunb.) Spreng.

G. pinnata (Thunb.) Less. var. *grandis* (DC.) Harv. (4)

G. pinnata (Thunb.) Less. var. *speciosa* (Willd.) Harv. (4)

Gorteria pectinata Thunb. (4)

Annual. Herb, mat-forming. Ht 0.1–0.2 m. Alt 15–940 m. WC

pinnata (Thunb.) Less. var. *grandis* (DC.) Harv. = **G. pectinata**

pinnata (Thunb.) Less. var. *leiopoda* DC. = **G. leiopoda**

pinnata (Thunb.) Less. var. *multijuga* (DC.) Harv. = **G. linearis** var. **linearis**

pinnata (Thunb.) Less. var. *scabra* (DC.) Harv. = **G. jurineifolia** subsp. **scabra**

pinnata (Thunb.) Less. var. *serrata* (DC.) Harv. = **G. serrata**

pinnata (Thunb.) Less. var. *speciosa* (Willd.) Harv. = **G. pectinata**

pottsii L.Bolus = **G. linearis** var. **ovalis**

pygmaea Sond. = **G. krebsiana** subsp. **serrulata**

rigens (L.) Gaertn. var. **leucolaena** (DC.) Roessler

G. leucolaena DC. (4)

G. uniflora (L.f.) Sims var. *leucolaena* (DC.) Harv. (4)

Perennial. Herb, mat-forming. Ht 0.1–0.2 m. Alt ± 5 m. WC, EC

rigens (L.) Gaertn. var. **rigens**

Gorteria rigens L. (4)

Perennial. Herb, mat-forming. Known only in cultivation.

rigens (L.) Gaertn. var. **uniflora** (L.f.) Roessler

G. uniflora (L.f.) Sims, excl. var. *leucolaena* (DC.) Harv. (4)

Gorteria uniflora L.f. (4)

Perennial. Herb, trailing. Length up to 0.3 m. Alt 3–60 m. S, KZN, WC, EC

rigida (Burm.f.) Roessler

Arctotis rigida Burm.f. (4)

G. pavonia (Andrews) R.Br. var. *hirtella* (DC.) Harv. (4)

Perennial. Herb. Ht ± 0.05 m. Alt 5–765 m. NC, WC

rogersii S.Moore = **G. krebsiana** subsp. **arctotooides**

schenckii O.Hoffm.

G. aculeata Muschl. ex Dinter (4)

G. suffruticosa Muschl. (4)

Perennial. Dwarf shrub. Ht ± 0.3 m. Alt 70–700 m. N, NC

schinzii O.Hoffm. = **G. krebsiana** subsp. **serrulata**

serrata DC.

G. pinnata (Thunb.) Less. var. *serrata* (DC.) Harv. (4)

Perennial. Herb. Ht 0.1–0.15 m. Alt 15–1370 m. NC, WC

serrulata DC. = **G. krebsiana** subsp. **serrulata**

subulata R.Br. = **G. linearis** var. **linearis**

suffruticosa Muschl. = **G. schenckii**

suffruticosa of author, not of Muschl., concept invalid = **G. lichtensteinii**

tenuifolia Less.

Gorteria tenuifolia Licht. ex Less. (4)

Annual. Herb. Ht 0.05–0.15 m. Alt 40–1000 m. N, NC, WC

thermalis Dinter

Perennial. Herb. Ht 0.05–0.08 m. Alt 1276–1400 m. N

uniflora (L.f.) Sims, excl. var. *leucolaena* (DC.) Harv. = **G. rigens** var. **uniflora**

uniflora (L.f.) Sims var. *leucolaena* (DC.) Harv. = **G. rigens** var. **leucolaena**

varians DC. = **G. krebsiana** subsp. **krebsiana**

varians of Dinter, not of DC., concept invalid = **G. jurineifolia** subsp. **scabra**

venusta Taylor = **G. jurineifolia** subsp. **scabra**

violacea Muschl. ex Engl. & Drude = **G. jurineifolia** subsp. **scabra**

GEIGERIA Griess.

9090000

Compiled by E. Retief

- (1) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 440.
- (2) Merxmüller. 1951. *Mitteilungen der Botanischen Staatssammlung München* 1: 484–486.
- (3) Merxmüller. 1967. *FSWA* 139: 74–81.
- (4) Merxmüller. 1967. *Mitteilungen der Botanischen Staatssammlung München* 6: 239–316.

- (5) Anderberg. 1991. *Plant Systematics and Evolution* 176: 75–123.
 (6) Retief & Herman. 1997. *Strelitzia* 6: 309, 310.

acaulis (Sch.Bip.) Benth. & Hook.f. ex Oliv. & Hiern
 Annual. Herb. Ht up to 0.1 m. Alt 425–1435 m. N,
 LIM

africana Griess. = **G. ornativa**

africana Griess. subsp. *filifolia* (Mattf.) Merxm. = **G. filifolia**

africana Griess. subsp. *ornativa* (O.Hoffm.) Merxm. = **G. ornativa**

africana Griess. subsp. *otaviensis* Merxm. = **G. otaviensis**

alata (Hochst. & Steud.) Benth. & Hook.f. ex Oliv. & Hiern

Diplostemma alatum DC. (2)

G. macdougallii S.Moore (2)

Annual. Herb. Ht 0.2–0.35 m. Alt 320–1200 m. N

appendiculata O.Hoffm. & Muschl. = **G. ornativa**

arenicola Muschl. ex Dinter = **G. obtusifolia**

aspera Harv. var. **aspera**

Perennial. Herb. Ht ± 0.3 m. Alt 425–1735 m. LIM,
 NW, G, M, FS, KZN, L

aspera Harv. var. **rivularis** (J.M.Wood & M.S.Evans)
 Merxm.

G. rivularis J.M.Wood & M.S.Evans (2)

Perennial. Herb. Ht ± 0.2 m. Alt ± 1495 m. FS, KZN,
 EC

brachycephala Muschl.

G. monocephala Hutch. (2)

G. pearsonii L.Bolus (2)

Perennial. Herb. Ht 0.2–0.7 m. Alt 945–1160 m. N

brevifolia (DC.) Harv.

Polychaetia brevifolia DC. (2)

Perennial. Shrub. Ht up to 1 m. Alt 103–1525 m. N, B,
 NW, FS, NC

burkei Harv. subsp. **burkei** var. **burkei**

Perennial. Herb. Ht 0.3–0.7 m. Alt 440–1800 m. LIM,
 NW, G, M, S

burkei Harv. subsp. **burkei** var. **elata** Merxm.

Perennial. Herb. Ht 0.3–1 m. Alt 258–1760 m. LIM,
 M, S

burkei Harv. subsp. **burkei** var. **hirtella** Merxm.

Perennial. Herb. Ht 0.2–0.3 m. Alt ± 1370–1495 m.
 LIM, M

burkei Harv. subsp. **burkei** var. **intermedia** (S.Moore)
 Merxm.

G. intermedia S.Moore (2)

Perennial. Herb. Ht 0.2–0.3 m. Alt 1400–1830 m. NW,
 G, M

burkei Harv. subsp. **burkei** var. **zeyheri** (Harv.)
 Merxm.

G. zeyheri Harv. (2)

Perennial. Herb. Ht 0.18–1 m. Alt 350–1525 m. B,
 LIM, NW, G, M, FS

burkei Harv. subsp. **diffusa** (Harv.) Merxm.

G. burkei Harv. var. *diffusa* Harv. (2)

G. natalensis J.M.Wood & M.S.Evans (2)

G. protensa Harv. (2)

Perennial. Herb. prostrate. Ht up to 0.15 m. Alt
 460–1555 m. G, M, FS, KZN

burkei Harv. subsp. **fruticulosa** Merxm.

Perennial. Herb. Ht 0.2–0.7 m. Alt 245–1525 m. B,
 LIM, M

burkei Harv. subsp. **valida** Merxm.

Perennial. Herb. Ht 0.3–0.7 m. Alt 1300–2000 m. NW,
 G, M, KZN

burkei Harv. var. *diffusa* Harv. = **G. burkei** subsp. **diffusa**

chenopodiifolia Mattf. = **G. pilifera**

dinteri Muschl. = **G. plumosa**

eenii S.Moore = **G. ornativa**

elongata Alston

Perennial. Herb. prostrate. Ht 0.45–0.6 m. Alt 900–
 2042 m. LIM, M

englerana Muschl.

G. zeyheri Dinter (2)

Perennial. Herb. Ht up to 0.15 m. Alt up to 1200 m. N

englerana Muschl. var. *pubescens* Dinter ex Merxm. =
G. otaviensis

filifolia Mattf.

G. africana Griess. subsp. *filifolia* (Mattf.) Merxm. (4)

G. passerinoides Harv. in part (4)

Annual, occ. perennial. Herb. Ht 0.05–0.1 m. Alt 155–
 1600 m. B, LIM, NW, G, M, FS, KZN, L, NC,
 WC, EC

foermeriana Muschl. = **G. plumosa**

foliosa O.Hoffm. & Muschl. = **G. plumosa**

intermedia S.Moore = **G. burkei** subsp. **burkei** var.
intermedia

luederitziana O.Hoffm. = **G. ornativa**

macdougallii S.Moore = **G. alata**

monocephala Hutch. = **G. brachycephala**

muschleriana Dinter ex Merxm. = **G. pilifera**

namaquensis Hutch. = **G. vigintiquamea**

natalensis J.M.Wood & M.S.Evans = **G. burkei** subsp.
diffusa

nianganensis Dinter ex Merxm.

G. schoenfelderii Dinter ex Merxm. (3)

Perennial. Herb. Ht 0.08–0.15 m. Alt ± 1100 m. N

nonikamensis Heering = **G. ornativa**

obtusifolia L.Bolus

G. arenicola Muschl. ex Dinter (3)

G. plumosa Muschl. subsp. *obtusifolia* (L.Bolus) Merxm. (3)

Perennial. Herb. Ht 0.3–0.5 m. Alt 370–2730 m. N,
 NW, FS, NC

odontoptera O.Hoffm.

Annual. Herb. Ht 0.6–1 m. Alt 1100–1500 m. N

ornativa O.Hoffm.

G. africana Griess. (3)

G. africana Griess. subsp. *ornativa* (O.Hoffm.) Merxm. (3)

G. appendiculata O.Hoffm. & Muschl. (3)

G. eenii S.Moore (3)

G. luederitziana O.Hoffm. (2)

G. nonikamensis Heering (3)

G. passerinoides Harv. in part (3)

Annual, occ. perennial. Herb. Ht 0.2–0.4 m. Alt 305–
 2000 m. N, B, LIM, NW, M, FS, L, NC, WC,
 EC

otaviensis (Merxm.) Merxm.

G. africana Griess. subsp. *otaviensis* Merxm. (3)

G. englerana Muschl. var. *pubescens* Dinter ex Merxm. (3)

- G. zeyheri* Dinter ex Merxm. (3)
Perennial. Herb. Ht 0.02–0.2 m. Alt 1100–1800 m. N
- passerinooides* Harv. in part = **G. filifolia**
- passerinooides* Harv. in part = **G. ornativa**
- passerinooides* (L'Hér.) Harv. = **Oedera genistifolia**
- pearsonii* L.Bolus = **G. brachycephala**
- pectidea** (DC.) Harv.
Polychaetia pectidea DC. (2)
Triplocephalum glabrifolium Klatt (2)
Perennial. Herb. Ht 0.1–0.5 m. Alt 765–1830 m. N, B, NW, NC
- pilifera** Hutch.
G. chenopodiifolia Mattf. (3)
G. muschleriana Dinter ex Merxm. (3)
G. rhombifolia Dinter (3)
Annual. Herb. Ht 0.1–0.15 m. Alt 700–1300 m. N
- plumosa** Muschl.
G. dinteri Muschl. (3)
G. foermeriana Muschl. (3)
G. foliosa O.Hoffm. & Muschl. (3)
Perennial. Shrub. Ht 0.2–1 m. Alt 1200–1950 m. N
- plumosa* Muschl. subsp. *obtusifolia* (L.Bolus) Merxm. =
G. obtusifolia
- protensa* Harv. = **G. burkei** subsp. **diffusa**
- rhodesiana* S.Moore = **G. schinzii** subsp. **rhodesiana**
- rhombifolia* Dinter = **G. pilifera**
- rigida** O.Hoffm.
Perennial. Dwarf shrub, herb. Ht 0.2–0.3 m. Alt 500–1200 m. N
- rivularis* J.M.Wood & M.S.Evans = **G. aspera** var. **rivularis**
- schinzii** O.Hoffm. subsp. **karakowisae** Merxm.
Annual, occ. perennial. Dwarf shrub, herb. Ht 0.1–0.15 m. Alt 1150–1500 m. N, B
- schinzii** O.Hoffm. subsp. **rhodesiana** (S.Moore) Merxm.
G. rhodesiana S.Moore (2)
Annual, occ. perennial. Dwarf shrub, herb. Ht 0.6–1 m. Alt 900–1000 m. N, B
- schinzii** O.Hoffm. subsp. **schinzii**
Annual, occ. perennial. Dwarf shrub, herb. Ht 0.6–0.9 m. Alt 945–1300 m. N, B
- schoenfelderii* Dinter ex Merxm. = **G. nianganensis**
- spinosa** O.Hoffm.
Annual. Herb. Ht 0.05–0.4 m. Alt 80–1300 m. N
- vigintisquamea** O.Hoffm.
G. namaquensis Hutch. (2)
Annual. Herb. Ht 0.2–0.5 m. Alt 275–1035 m. N, NC
- zeyheri* Dinter = **G. englerana**
- zeyheri* Dinter ex Merxm. = **G. otaviensis**
- zeyheri* Harv. = **G. burkei** subsp. **burkei** var. **zeyheri**

GERBERA L. 9528000

Compiled by N. Netnou

- (1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 5.
- (2) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 85.
- (3) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 938.
- (4) Hansen. 1985. *Opera Botanica* 78: 1–36.
- (5) Hind. 1992. *Kew Bulletin* 47: 110.
- (6) Pooley. 1998. *A field guide to wildflowers of KwaZulu-Natal and the eastern region*: 220.

- ambigua** (Cass.) Sch.Bip.
G. discolor Harv. (4)
G. elegans Muschl. (4)
G. kraussii Sch.Bip. (4)
G. lynchii Dummer (4)
G. nervosa Sond. (4)
Lasiopus ambiguus Cass. (4)
Perennial. Herb. Ht 0.15–0.5 m. Alt 200–2000 m. LIM, NW, G, M, S, FS, KZN, EC
- asplenifolia* (Lam.) Spreng. = **G. linnaei**
- aurantiaca** Sch.Bip.
Perennial. Herb. Ht 0.05–0.4 m. Alt 800–2000 m. M, KZN
- burchellii* Dummer = **G. viridifolia**
- burmanni* Cass. = **G. crocea**
- cordata** (Thunb.) Less.
Arnica cordata Thunb. (4)
Piloselloides cordata (Thunb.) C.Jeffrey (4)
Perennial. Herb. Ht 0.15–0.45 m. Alt 0–1000 m. WC, EC
- crenata* (Thunb.) Ker Gawl. = **Mairia crenata**
- crocea** (L.) Kuntze
Arnica crocea L. (4)
G. burmanni Cass. (4)
G. integrals Sond. ex Harv. (4)
G. sinuata (Thunb.) Spreng. (4)
Perennial. Herb. Ht up to 0.5 m. Alt 30–1900 m. WC
- discolor* Harv. = **G. ambigua**
- elegans* Muschl. = **G. ambigua**
- ferruginea* DC. var. *linearis* (Harv.) Dummer = **G. serrata**
- galpinii** Klatt
Perennial. Herb. Ht 0.1–0.4 m. Alt 1500–2085 m. M, S, KZN
- glandulosa* Dummer = **G. viridifolia**
- hirsuta* Spreng. = **G. tomentosa**
- integrals* Sond. ex Harv. = **G. crocea**
- jamesonii** Bolus ex Adlam
Perennial. Herb. Ht 0.2–0.7 m. Alt 500–1675 m. LIM, G, M, S
- kraussii* Sch.Bip. = **G. ambigua**
- leiocarpa* (DC.) Schltr. = **Perdicium leiocarpum**
- leucothrix** Harv. (insufficiently known) (4)
- linnaei** Cass.
Arnica gerbera L. (4)
G. asplenifolia (Lam.) Spreng. (4)
Perennial. Herb. Ht 0.1–0.5 m. Alt 100–1300 m. WC
- lynchii* Dummer = **G. ambigua**
- natalensis** Sch.Bip.
G. tuberosa Klatt (4)
G. viridifolia (DC.) Sch.Bip. subsp. *natalensis* (Sch.Bip.) H.V.Hansen (6)
Perennial. Herb. Ht 0.02–0.2 m. Alt 300–2100 m. LIM, M, S, KZN, EC
- nervosa* Sond. = **G. ambigua**
- parva** N.E.Br.
Perennial. Herb. Ht 0.05–0.2 m. Alt 1900–2650 m. KZN
- piloselloides** (L.) Cass.
Arnica piloselloides L. (4)
Piloselloides hirsuta (Forssk.) C.Jeffrey (4)

Perennial. Herb. Ht 0.06–0.45 m. Alt 0–1891 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

plantaginea Harv. = **G. viridifolia**

serrata (Thunb.) Druce

Arnica serrata Thunb. (4)

G. ferruginea DC. var. *linearis* (Harv.) Dummer (4)

Perennial. Herb. Ht 0.1–0.6 m. Alt up to 1250 m. WC

sinuata (Thunb.) Spreng. = **G. crocea**

speciosa S.Moore = **G. viridifolia**

taraxaci (Vahl) Schltr. = **Perdicium capense**

tomentosa DC.

G. hirsuta Spreng. (4)

Perennial. Herb. Ht 0.15–1 m. Alt up to 1500 m. WC, EC

tuberosa Klatt = **G. natalensis**

viridifolia (DC.) Sch.Bip.

G. burchellii Dummer (4)

G. glandulosa Dummer (4)

G. plantaginea Harv. (4)

G. speciosa S.Moore (4)

Perennial. Herb. Ht up to 0.2 m. Alt 350–1998 m.

LIM, G, M, S, FS, KZN, EC

viridifolia (DC.) Sch.Bip. subsp. *natalensis* (Sch.Bip.)

H.V.Hansen = **G. natalensis**

wrightii Harv.

Perennial. Herb. Ht up to 0.4 m. Alt 80–800 m. WC

GEROPOGON L. 9579010

glaber L. = **Tragopogon hybridus**

GIBBARIA Cass. 9427010

Compiled by P.P.J. Herman

(1) Norlindh. 1943. *Studies in the Calenduleae*: 358–366.

(2) Hilliard & Burt. 1976. *Notes from the Royal Botanic Garden Edinburgh* 34: 255, 256.

bicolor Cass. = **G. scabra**

ilicifolia (L.) Norl.

Osteospermum ilicifolium L. (1)

Perennial. Shrub. Ht 0.2–0.5 m. Alt 300–1115 m. WC

scabra (Thunb.) Norl.

Anaglypha aspera DC. (2)

G. bicolor Cass. (1, 2)

Osteospermum scabrum Thunb. (1, 2)

Xerothamnus ecklonianus DC. (1, 2)

Perennial. Shrub. Ht 0.1–0.2 m. Alt 80–800 m. WC, EC

GNAPHALIUM L. 8992000

Compiled by P.P.J. Herman

(1) Hilliard. 1983. *FSA* 33,7,2: 17–27.

(2) Anderberg. 1991. *Opera Botanica* 104: 167, 168.

achilleoides Lam. = **G. declinatum**

acilepis DC. = **G. vestitum**

alticolum Compton = **Helichrysum basalticum**

amplum Kuntze = **Helichrysum platypterum**

appendiculatum L.f. = **Helichrysum appendiculatum**

araneosum S.Moore = **Lasiopogon glomerulatus**

arborescens L. = **Anaxeton arborescens**

arboresum L. = **Anaxeton arborescens**

asperum Thunb. = **Anaxeton asperum** subsp. **asperum**

athrxiifolium O.Hoffm. ex Kuntze = **Helichrysum athrxiifolium**

aureum Houtt. = **Helichrysum aureum** var. **aureum**

austroafricanum Hilliard

Perennial. Herb, prostrate. Length 0.15–0.45 m. Alt 5–1578 m. M, KZN, EC

brevifolium Lam. = **Metalasia brevifolia**

calviceps Fernald = **Gamochaeta calviceps**

candidissimum Lam. = **Vellereophyton dealbatum**

capense Hilliard

Perennial. Herb, decumbent or prostrate. Length 0.1–0.15 m. Alt 15–1740 m. WC, EC

capillaceum Thunb. = **Troglophyton capillaceum** subsp. **capillaceum**

capitatum Lam. = **Metalasia capitata**

carroëense Schrank = **Vellereophyton dealbatum**

cephalotes Thunb. = **Metalasia cephalotes**

coarctatum Willd. = **Gamochaeta coarctata**

confine Harv.

G. drakensbergense Markötter (1)

Annual. Herb, decumbent or erect. Ht/Length up to 0.2 m. Alt 460–2285 m. N, G, M, FS, KZN, L, NC, EC

coronatum L. = **Petalacte coronata**

crispum L. = **Helichrysum crispum**

cylindriflorum L. = **Helichrysum cylindriflorum**

cymosum L. = **Helichrysum cymosum** subsp. **cymosum**

dasyanthum Willd. = **Helichrysum dasyanthum**

dealbatum Thunb. = **Vellereophyton dealbatum**

debile Thunb. = **Lasiopogon debilis**

declinatum L.f.

G. achilleoides Lam. (1)

G. pentheri Gand. (1)

G. pygmaeum Thunb. (1)

Helichrysum declinatum (L.f.) Less. (1)

Spiralepis declinata (L.f.) D.Don (1)

Perennial. Herb, prostrate or decumbent. Length 0.03–0.1 m. Alt 15–1320 m. WC

decumbens Thunb. = **Trichogyne decumbens**

deltoides Thunb. = **Helichrysum acrophilum**

densum Lam. = **Metalasia densa**

dentatum L. = **Pentzia dentata**

distans Schrank = **Metalasia distans**

divergens Thunb. = **Metalasia divergens** subsp. **divergens**

dodii Levyns = **Plecostachys polifolia**

drakensbergense Markötter = **G. confine**

englerianum (O.Hoffm.) Hilliard & B.L.Burt

Amphidoxa engleriana O.Hoffm. (1)

Perennial. Herb, erect or decumbent. Ht/Length up to 0.1 m. Alt up to 1200 m. NC

excisum Thunb. = **Helichrysum excisum**

eximium L. = **Syncarpha eximia**

fastigiatum Thunb. = **Metalasia fastigiata**

filagopsis Hilliard & B.L.Burt

- Amphidoxa filaginea* Ficalho & Hiern (1)
Amphidoxa filaginea Ficalho & Hiern var. *transiens* Merxm. (1)
 Perennial. Herb, erect or decumbent. Ht/Length up to 0.25 m. Alt 945–1850 m. N, B, LIM, NW, G, M, FS, KZN, L, NC
- floridum* Poir. = **Anaxeton arborescens**
- foetidum* L. = **Helichrysum foetidum**
- fruticans* L. = **Helichrysum fruticans**
- glomerulatum* Harv. = **Lasiopogon glomerulatus**
- gnaphalodes** (DC.) Hilliard & B.L.Burt
Amphidoxa gnaphalodes DC. (1)
 ?*G. micranthum* Thunb. var. *spretum* DC. (1)
 Perennial. Herb, prostrate or decumbent. Length 0.1–0.3 m. Alt 20–600 m. EC
- grandiflorum* L. = **Helichrysum grandiflorum**
- griquense** Hilliard & B.L.Burt
Amphidoxa adscendens O.Hoffm. ex Zahlbr. (1)
 Perennial. Herb, prostrate, decumbent or suberect. Length 0.15–0.45 m. Alt up to 2438 m. KZN, L
- helianthemifolium* L. = **Helichrysum helianthemifolium**
- hirsutum* Thunb. = **Anaxeton hirsutum**
- hispidum* L.f. = **Elytropappus hispidus**
- indicum* in sense of Dinter, not of L., misapplied name = **Helichrysum herniarioides**
- indicum* L. = **Helichrysum indicum**
- limicola** Hilliard
 Perennial. Herb, prostrate. Length up to 0.12 m. Alt up to 2650 m. L, EC
- luteo-album* L. = **Pseudognaphalium luteo-album**
- maculatum* Thunb. = **Vellereophyton dealbatum**
- micranthum* Thunb. = **Vellereophyton dealbatum**
- ?*micranthum* Thunb. var. *spretum* DC. = **G. gnaphalodes**
- milleflorum* L.f. = **Syncarpha milleflora**
- minutum* B.Nord. = **Lasiopogon minutus**
- mixtum* Kuntze = **Helichrysum mixtum** var. *mixtum*
- mucronatum* P.J.Bergius = **Syncarpha mucronata**
- muricatum* L. = **Metalasia muricata**
- muscoides* Desf. = **Lasiopogon muscoides**
- nelsonii** Burt Davy
 Perennial. Herb, erect or decumbent. Length 0.04–0.2 m. Alt up to 1500 m. NW, G
- niveum* L. = **Helichrysum niveum**
- nudifolium* L. = **Helichrysum nudifolium** var. **nudifolium**
- oculus-cati* L.f. = **Galeomma oculus-cati**
- odoratissimum* L. = **Helichrysum odoratissimum**
- oligandrum* (DC.) Hilliard & B.L.Burt = **Pseudognaphalium oligandrum**
- orbiculare* Thunb. = **Plecostachys serpyllifolia**
- parvulum* Harv. = **Troglophyton parvulum**
- patulum* L. = **Helichrysum patulum**
- pauciflorum** DC.
 Annual. Herb, erect or decumbent. Length 0.01–0.13 m. Alt 50–1500 m. WC
- pennsylvanicum* Willd. = **Gamochaeta pennsylvanica**
- pentheri* Gand. = **G. declinatum**
- peregrinum* Fernald = **Gamochaeta pennsylvanica**
- phlomoides* Lam. = **Syncarpha milleflora**
- pilosellum* L.f. = **Helichrysum nudifolium** var. **pilosellum**
- plantaginifolium* Kuntze = **Helichrysum nudifolium** var. **nudifolium**
- polifolium* Thunb. = **Plecostachys polifolia**
- *polycaulon** Pers.
 Annual. Herb, decumbent or erect. Length up to 0.25 m. Alt 11–1676 m. N, LIM, M, KZN
- prostratum* Thunb. = **Helichrysum micropoides**
- pygmaeum* Thunb. = **G. declinatum**
- recurvum* Lam. = **Anaxeton arborescens**
- repens* L. = **Trichogyne repens**
- repens* L. var. *vestitum* (Thunb.) DC. = **G. vestitum**
- retusum* Lam. = **Facelis retusa**
- revolutum* Thunb. = **Helichrysum revolutum**
- rosum* P.J.Bergius = **Helichrysum rosum** var. *rosum*
- rotundifolium* Thunb. = **Helichrysum rotundifolium**
- rutilans* L. = **Helichrysum rutilans**
- septentrionale* (Vatke) Hilliard = **Helichrysopsis septentrionale**
- serpyllifolium* P.J.Bergius = **Plecostachys serpyllifolia**
- sesamoides* (L.) Kuntze = **Edmondia sesamoides**
- simii** (Bolus) Hilliard & B.L.Burt
Helichrysum simii Bolus (1)
 Perennial. Herb, prostrate. Length up to 0.03 m. Alt up to 1000 m. NC
- spicatum* Lam. = **Gamochaeta coarctata**
- splendidum* Thunb. = **Helichrysum splendidum**
- squamosum* (Jacq.) Sch.Bip. = **Edmondia pinifolia**
- stellatum* L. = **Helichrysum stellatum**
- stenocladon* Schrank = **Anaxeton asperum** subsp. **asperum**
- stenolepis* S.Moore = **Galeomma stenolepis**
- subcordatum* Kuntze = **Helichrysum hypoleucum**
- subfalcatum* Cabrera = **Gamochaeta subfalcata**
- teretifolium* L. = **Helichrysum teretifolium**
- thapsus* Kuntze = **Helichrysum thapsus**
- tinctum* Thunb. = **Helichrysum tinctum**
- tricostatum* Thunb. = **Helichrysum tricostatum**
- trifidum* Thunb. = **Pseudognaphalium luteo-album**
- umbellatum* L.f. = **Lachnospermum umbellatum**
- undulatum* L. = **Pseudognaphalium undulatum**
- vestitum** Thunb.
G. acilepis DC. (1)
G. repens L. var. *vestitum* (Thunb.) DC. (1)
 Annual, occ. perennial. Herb, erect, suberect or trailing. Length 0.05–0.4 m. Alt 30–945 m. EC
- volkii* B.Nord. = **Lasiopogon volkii**

GONGROTHAMNUS Steetz 8751010
angolensis (O.Hoffm.) Hiern = **Distephanus angolensis**
aurantiacus O.Hoffm. = **Distephanus divaricatus**
divaricatus Steetz = **Distephanus divaricatus**

GONGYLOGLOSSA Koekemoer 9039010

Compiled by M. Koekemoer

- (1) Koekemoer. 2002. *Systematics of the Metalasia group in the Relhaniinae*. Unpublished Ph.D. thesis, Rand Afrikaans University.

tortilis (DC.) Koekemoer

Disparago ericoides of author, not of (P.J.Bergius) Gaertn. (1)

Disparago tortilis (DC.) Sch.Bip. (1)

Perennial. Shrub, dwarf shrub. Ht 0.1–1 m. Alt 0–1500 m. KZN, WC, EC

GORTERIA L. 9433000

Compiled by E. Retief

- (1) Roessler. 1959. *Mitteilungen der Botanischen Staatssammlung München* 3: 319–332.
 (2) Roessler. 1973. *Mitteilungen der Botanischen Staatssammlung München* 11: 87–90.
 (3) Goldblatt & Manning. 2000. *Strelitzia* 9: 328.

affinis DC. = **G. diffusa** subsp. **diffusa**

barbata L.f. = **Berkheya barbata**

calendulacea DC. = **G. diffusa** subsp. **calendulacea**

cernua L.f. = **Cuspidia cernua** subsp. **cernua**

ciliaris L. = **Cullumia ciliaris** subsp. **ciliaris**

corymbosa DC.

Annual. Herb. Ht 0.03–0.2 m. Alt 100–915 m. N, NC

cruciata Houtt. = **Berkheya cruciata** subsp. **cruciata**

diffusa Thunb. subsp. **calendulacea** (DC.) Roessler

G. calendulacea DC. (1)

Annual. Herb. Ht 0.05–0.3 m. Alt 100–900 m. NC

diffusa Thunb. subsp. **diffusa**

Gazania diffusa (Thunb.) Spreng. (1)

G. affinis DC. (1)

G. ictinus Cass. (1)

Annual. Herb. Ht 0.05–0.3 m. Alt 38–1065 m. N, NC, WC

diffusa Thunb. subsp. **parviligulata** Roessler

Annual. Herb. Ht 0.05–0.3 m. Alt 0.1–0.15 m. N

herbacea L.f. = **Berkheya herbacea**

ictinus Cass. = **G. diffusa** subsp. **diffusa**

integrifolia Thunb. = **Hirpicium integrifolium**

linearis Thunb. = **Gazania linearis** var. **linearis**

mitis Burm. = **Heterolepis mitis**

othonnites Thunb. = **Gazania othonnites**

pectinata Thunb. = **Gazania pectinata**

personata L. subsp. **gracilis** Roessler

Annual. Herb. Ht 0.05–0.3 m. Alt 152–550 m. WC

personata L. subsp. **personata**

Annual. Herb. Ht 0.05–0.3 m. Alt 20–700 m. NC, WC

rigens L. = **Gazania rigens** var. **rigens**

setosa L. = **Cullumia setosa** var. **setosa**

spinosa L.f. = **Berkheya spinosa**

squarrosa L. = **Cullumia squarrosa**

tenuifolia Licht. ex Less. = **Gazania tenuifolia**

uniflora L.f. = **Gazania rigens** var. **uniflora**

GRANGEA Adans. 8865000

Compiled by P.P.J. Herman

- (1) Fayed. 1979. *Mitteilungen der Botanischen Staatssammlung München* 15: 450–483.

anthemoides O.Hoffm.

G. hippoides Merxm. (1)

Annual, occ. perennial. Herb. Ht up to 0.5 m. Alt? N, B

hippoides Merxm. = **G. anthemoides**

latifolia Lam. = **Dichrocephala integrifolia** subsp. **integrifolia**

maderaspatana (L.) Poir.

Artemisia maderaspatana L. (1)

Annual, occ. perennial. Herb. Length 0.3–0.5 m. Alt 11–915 m. N, KZN

***GUIZOTIA** Cass. 9222000

Compiled by N. Netnou

- (1) Hansen. 1976. *Flora europaea* 4: 139.

abyssinica (L.f.) Cass.

G. oleifera DC. (1)

Verbesina sativa Roxb. (1)

Annual. Herb. Ht up to 2 m. Alt up to 1700 m. G, M

oleifera DC. = **G. abyssinica**

GUTENBERGIA Sch.Bip. 8735000

rangei Muschl. ex Dinter = **Senecio niveus**

GYMNACHAENA Rchb. 9038010

bruniades Rchb. = **Stoebe capitata**

GYMNODISCUS Less. 9418000

Compiled by P.P.J. Herman

- (1) Harvey. 1865. *FC* 3: 345.
 (2) Jeffrey. 1992. *Kew Bulletin* 47: 99.
 (3) Herman *et al.* 1997. *List of southern African succulent plants*: 39.
 (4) Goldblatt & Manning. 2000. *Strelitzia* 9: 328.

capillaris (L.f.) DC.

Othonna capillaris L.f. (1)

Annual. Herb, succulent. Ht 0.05–0.5 m. Alt 15–1500 m. NC, WC

linearifolia DC.

Annual. Herb, succulent. Ht 0.05–0.4 m. Alt 245–915 m. NC, WC

GYMNOPENTZIA Benth. 9364000

Compiled by P.P.J. Herman

- (1) Hilliard. 1977. *Compositae in Natal*: 362, 363.
 (2) Källersjö. 1986. *Nordic Journal of Botany* 5: 538, 539.

bifurcata Benth.

Athanasia turbinata Burt Davy (1)

G. pilifera N.E.Br. (1)

Perennial. Shrub. Ht 0.5–1.2 m. Alt 1525–3050 m. M, FS, KZN, L, EC

pilifera N.E.Br. = **G. bifurcata**

GYMNOSTEPHIUM Less. 8882000

Compiled by P.P.J. Herman

- (1) Harvey. 1865. *FC* 3: 66–68.
 (2) Bolus. 1907. *Transactions of the South African Philosophical Society* 16: 138.
 (3) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 952.

(4) Nesom. 1994. *Phytologia* 76: 92–94.(5) Goldblatt *et al.* 2000. *Strelitzia* 9: 328, 329.**angustifolium** Harv.

Perennial. Suffrutex. Ht 0.3–0.5 m. Alt ± 975 m. WC

ciliare (DC.) Harv.*Felicia ciliaris* DC. (1, 4)*Heteractis falcata* DC. (4)*Osteospermum falcatum* E.Mey. ex DC. (4)

Perennial. Suffrutex. Ht 0.3–0.6 m. Alt 610–1465 m. WC

corymbosum (Turcz.) Harv.*Agathaea corymbosa* Turcz. (1, 4)

Perennial. Shrub. Ht 0.3–2.5 m. Alt 200–1450 m. WC

fruticosum DC.

Perennial. Suffrutex. Ht up to 0.5 m. Alt 1000–1300 m. WC

gracile Less.

Perennial. Suffrutex. Ht? Alt? WC

hirsutum Less.

Perennial. Suffrutex. Ht 0.3–0.6 m. Alt? WC

leve Bolus

Perennial. Suffrutex. Ht up to 1 m. Alt 900–1500 m. WC

papposum G.L.Nesom*Mairia corymbosa* Harv. (4)*Zyrphelis corymbosa* (Harv.) Kuntze (4)

Perennial. Shrub. Ht up to 1 m. Alt 300–1214 m. WC

GYMNOSTYLES Juss. 9352010*pterosperma* Juss. = **Soliva sessilis****GYNURA** Cass. 9405000*cernua* (L.f.) Benth. = **Crassocephalum rubens***coerulea* O.Hoffm. = **Crassocephalum coeruleum***crepidioides* Benth. = **Crassocephalum crepidioides***picridifolia* (DC.) Burttt Davy = **Crassocephalum ×picridifolium***rubens* (Jacq.) Muschl. = **Crassocephalum rubens***sarcobasis* DC. = **Crassocephalum sarcobasis****HAENELIA** Walp. 8887030*capensis* Walp. = **Amellus capensis****HAPLOCARPHA** Less. 9432030

Compiled by E. Retief

(1) Lewin. 1922. *Feddes Repertorium* 18: 300.(2) Lewin. 1922. *Feddes Repertorium* Beiheft 11: 1–95.(3) Hilliard. 1977. *Compositae in Natal*: 537–540.(4) Pope. 1992. *FZ* 6,1: 232–235.(5) Retief & Herman. 1997. *Strelitzia* 6: 311.(6) Beyers. 2000. In Goldblatt & Manning in *Strelitzia* 9: 329.*hirsuta* (Less.) P.Beauv. = **H. nervosa****lanata** (Thunb.) Less.*Arctotis lanata* Thunb. (2)*H. thunbergii* Less. (2)

Perennial. Herb. Ht up to 0.15 m. Alt 750–900 m. WC

leichtlinii N.E.Br. = **H. lyrata****lyrata** Harv.*H. leichtlinii* N.E.Br. (2)

Perennial. Herb. Ht up to 0.3 m. Alt 200–1500 m. G, M, FS, WC, EC

nervosa (Thunb.) P.Beauv.*H. hirsuta* (Less.) P.Beauv. (3)*H. ovata* Lewin (3)*H. serrata* Lewin (3)*Landtia hirsuta* Less. (3)*Landtia nervosa* (Thunb.) Less. (3)*Perdicium nervosum* Thunb. (3)

Perennial. Herb. Ht up to 0.2 m. Alt 200–3300 m. B, LIM, NW, M, FS, KZN, L, EC

ovata Lewin = **H. nervosa****parvifolia** (Schltr.) P.Beauv.*Arctotis parvifolia* Schltr. (1)

Perennial. Herb. Ht up to 0.15 m. Alt ± 1160 m. WC

scaposa Harv.*H. thunbergii* DC. (2)

Perennial. Herb. Ht up to 0.6 m. Alt 340–1800 m. NW, G, M, S, FS, KZN, L, EC

serrata Lewin = **H. nervosa***thunbergii* DC. = **H. scaposa***thunbergii* Less. = **H. lanata*****HEDYPNOIS** Mill. 9569000

Compiled by P.P.J. Herman

(1) Sell. 1976. *Flora europaea* 4: 307, 308.**cretica** (L.) Dum.Cours.*H. polymorpha* DC. (1)

Annual. Herb. Ht 0.3–0.6 m. Alt 0–50 m. WC, EC

polymorpha DC. = **H. cretica*****HELIANTHUS** L. 9200000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 309–311.**annuus** L.

Annual. Herb. Ht up to 4 m. Alt up to 90 m. FS, KZN, EC

argophyllus Torr. & A.Gray

Annual. Herb. Ht up to 4 m. Alt? KZN

cucumerifolius Torr. & A.Gray = **H. debilis** subsp. **cucumerifolius****debilis** Nutt. subsp. **cucumerifolius** (Torr. & A.Gray) Heiser*H. cucumerifolius* Torr. & A.Gray (1)

Annual. Herb. Ht up to 2 m. Alt up to 15 m. NW, G, KZN

HELICHRYSOPSIS Kirp. 8992030

Compiled by P.P.J. Herman

(1) Hilliard. 1983. *FSA* 33,7,2: 47, 48.**septentrionale** (Vatke) Hilliard*Anaxeton septentrionalis* Vatke (1)*Gnaphalium septentrionale* (Vatke) Hilliard (1)

Perennial. Herb, prostrate. Length up to 0.2 m. Alt 2–45 m. KZN

HELICHRYSUM Mill. 9006000

Compiled by W.G. Welman

(1) Dyer. 1933. *The Flowering Plants of South Africa* 13: t. 483.(2) Hilliard. 1983. *FSA* 33,7,2: 61–310.(3) Hilliard. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 198.(4) Mesfin & Reilly. 1995. In Hind *et al.* (eds), *Advances in Compositae systematics*: 379–450.(5) Beentje. 2000. *Kew Bulletin* 55: 349–365.

acrophilum Bolus*Gnaphalium deltoides* Thunb. (2)*H. spatulatum* Moeser (2)

Perennial. Dwarf shrub. Ht 0.15–0.7 m. Alt 900–1980 m. WC

acutatum DC.*H. acutatum* DC. var. *rhombofolium* Moeser (2)*H. danae* S.Moore (2)*H. eriophorum* Conrath (2)*H. floccosum* Klatt (2)*H. galpinii* Schltr. & Moeser (2)*H. schlechteri* Bolus (2)*H. transvalense* Staner (2)

Perennial. Herb. Ht 0.25–0.8 m. Alt 50–2440 m. LIM, NW, G, M, S, FS, KZN, L, EC

acutatum DC. var. *rhombofolium* Moeser = **H. acutatum****adenocarpum** DC. subsp. **adenocarpum**

Perennial. Herb. Ht 0.1–0.45 m. Alt 15–3050 m. LIM, G, M, S, FS, KZN, L, EC

adenocarpum DC. subsp. **ammophilum** Hilliard

Perennial. Herb. Ht 0.2–1 m. Alt 20–55 m. KZN

adscendens in sense of Moeser, not of (Thunb.) Less. = **H. cephaloideum***adscendens* (Thunb.) Less. var. *cephaloideum* (DC.) Moeser = **H. cephaloideum***agrostophilum* Klatt in part = **H. griseum***agrostophilum* Klatt in part = **H. pallidum***agrostophilum* Klatt var. *nemorosum* Bolus = **H. pallidum****albanense** Hilliard*H. subglomeratum* Less. var. *imbricatum* DC. (2)

Perennial. Herb. Ht 0.3–0.55 m. Alt 45–1675 m. EC

albertense Hilliard

Annual. Herb. Ht 0.01–0.05 m. Alt 610–1200 m. WC, EC

albilanatum Hilliard

Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 1000–2320 m. LIM, M

albirosulatum Killick

Perennial. Dwarf shrub. Ht 0.05–0.15 m. Alt 1500–2450 m. KZN, L, EC

albo-brunneum S.Moore*H. setigerum* Bolus (2)*H. setigerum* Bolus var. *minor* Bolus (2)

Perennial. Herb. Ht 0.15–0.3 m. Alt 1670–3355 m. FS, KZN, L, WC, EC

album N.E.Br.

Perennial. Herb. Ht 0.05–0.15 m. Alt 2000–3355 m. KZN

allioides Less.

Perennial. Herb. Ht 0.2–0.65 m. Alt 5–1845 m. M, KZN, EC

alsinoides DC.

Annual. Herb. Ht 0.02–0.05 m. Alt 300–350 m. N, NC, WC

alticolum Bolus

Perennial. Herb. Ht 0.05–0.25 m. Alt ?–1650 m. EC

alticolum Bolus var. *montanum* Bolus = **H. evansii****altigenum** Schltr. & Moeser

Perennial. Dwarf shrub. Ht 0.01–0.1 m. Alt 900–2000 m. WC, EC

amboense Schinz*H. spiciforme* DC. subsp. *amboense* (Schinz) Merxm. (2)*H. spiciforme* DC. var. *amboense* (Schinz) Moeser (2)

Perennial. Herb. Ht 0.01–0.1 m. Alt? N

ammitophilum Hilliard

Perennial. Herb. Ht 0.1–0.2 m. Alt 1675–1800 m. FS, L, EC

amoenum Moeser = **H. nudifolium** var. **oxyphyllum****amplectens** Hilliard

Perennial. Herb. Ht 0.15–0.6 m. Alt 2400–2800 m. KZN

anaxetonoides Schltr. & Moeser = **H. catipes***andersoniense* Burt Davy = **H. summo-montanum****anomalum** Less.*H. anomalum* Less. var. *ovatum* Harv. (2)*H. anomalum* Less. var. *turbinatum* Harv. (2)

Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 20–2450 m. L, WC, EC

anomalum Less. var. *ovatum* Harv. = **H. anomalum***anomalum* Less. var. *turbinatum* Harv. = **H. anomalum****appendiculatum** (L.f.) Less.*Gnaphalium appendiculatum* L.f. (2)

Perennial. Herb. Ht 0.25–0.75 m. Alt 5–2800 m. LIM, M, S, FS, KZN, L, WC, EC

araneosum Klatt = **H. auriceps****archeri** Compton

Perennial. Dwarf shrub. Ht 0.05–0.1 m. Alt? WC

arenicola M.D.Hend.*H. rangei* Moeser ex Dinter (2)

Perennial. Herb. Ht 0.05–0.2 m. Alt 885–1370 m. N, B, NW, FS, NC

aretioides Thell. = **H. sessilioides***aretioides* Turcz. = **Bryomorphe aretioides***argenteum* (Thunb.) Thunb. = **Syncarpha argentea****argentissimum** J.M.Wood

Perennial. Herb. Ht 0.1–0.4 m. Alt 900–3225 m. KZN, L, EC

argyrolepis MacOwan

Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 1220–2000 m. LIM, M, S, KZN, EC

argyrophyllum DC.

Perennial. Dwarf shrub. Ht 0.05–0.15 m. Alt 765–1675 m. EC

argyrosphaerum DC.

Annual. Herb. Ht 0.02–0.1 m. Alt 5–1900 m. N, B, LIM, NW, G, M, FS, KZN, NC, EC

armatum Dinter ex Merxm., naked name = **Amphiglossa triflora***aromaticum* Dinter = **H. tomentosulum** subsp. **aromaticum***asperifolium* Moeser = **H. nudifolium** var. **nudifolium***asperum* (Thunb.) Hilliard & B.L.Burt Davy var. **albidulum** (DC.) Hilliard*H. ericifolium* Less. var. *albidulum* DC. (2)

Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 330–795 m. N, NC, WC

asperum (Thunb.) Hilliard & B.L.Burt Davy var. **apressifolium** (Moeser) Hilliard*H. ericifolium* Less. var. *apressifolium* Moeser (2)

- Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 170–1535 m. EC
- asperum** (Thunb.) Hilliard & B.L.Burt var. **asperum**
H. ericifolium Less. (2)
H. ericifolium Less. var. *laxum* (DC.) Harv. (2)
Stoebe aspera Thunb. (2)
 Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 120–1200 m. NC, WC
- asperum** (Thunb.) Hilliard & B.L.Burt var. **comosum** (Sch.Bip.) Hilliard
H. comosum Sch.Bip. (2)
H. ericifolium Less. var. *lineare* in sense of Harv., not of *H. lineare* DC. (2)
 Perennial. Dwarf shrub. Ht 0.15–0.8 m. Alt 5–1000 m. KZN, WC, EC
- asperum** (Thunb.) Hilliard & B.L.Burt var. **glabrum** Hilliard
 Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 3–630 m. WC, EC
- athrxiifolium** (Kuntze) Moeser
Gnaphalium athrxiifolium O.Hoffm. ex Kuntze (2)
 Perennial. Herb. Ht 0.4–0.5 m. Alt 75–1520 m. G, M, S, KZN
- aureofolium** Hilliard
 Perennial. Herb. Ht 0.05–0.15 m. Alt? WC
- aureolum** Hilliard
 Perennial. Shrub, herb. Ht 0.3–1.5 m. Alt 1220–1730 m. LIM, M, S
- aureonitens** Sch.Bip.
H. helodes Hiern (2)
 Perennial. Herb. Ht 0.1–0.35 m. Alt 15–2745 m. LIM, NW, G, M, S, FS, KZN, L, EC
- aureum** (Houtt.) Merr. var. **argenteum** Hilliard
 Perennial. Herb. Ht 0.2–0.4 m. Alt 1800–2000 m. M
- aureum** (Houtt.) Merr. var. **aureum**
Gnaphalium aureum Houtt. (2)
H. fulgidum (L.f.) Willd. var. *angustifolium* DC. (2)
H. fulgidum (L.f.) Willd. var. *heterotrichum* DC. (2)
 Perennial. Herb. Ht 0.15–0.8 m. Alt 5–2170 m. KZN, EC
- aureum** (Houtt.) Merr. var. **candidum** Hilliard
 Perennial. Herb. Ht 0.05–0.3 m. Alt 1065–1370 m. M, S, KZN
- aureum** (Houtt.) Merr. var. **monocephalum** (DC.) Hilliard
H. fulgidum (L.f.) Willd. var. *monocephalum* DC. (2)
H. fulgidum (L.f.) Willd. var. *nanum* DC. (2)
 Perennial. Herb. Ht 0.05–0.35 m. Alt 10–2400 m. LIM, NW, G, M, S, FS, KZN, L, EC
- aureum** (Houtt.) Merr. var. **scopulosum** (M.D.Hend.) Hilliard
H. scopulosum M.D.Hend. (2)
 Perennial. Herb. Ht 0.05–0.35 m. Alt 1645–2750 m. KZN
- aureum** (Houtt.) Merr. var. **serotinum** Hilliard
 Perennial. Herb. Ht 0.1–0.4 m. Alt 1800–2600 m. KZN, L, EC
- auriceps** Hilliard
H. araneosum Klatt (2)
 Perennial. Herb. Ht 0.25–0.6 m. Alt 5–2000 m. KZN, EC
- auriculatum* in sense of Oliv. & Hiern, not of Less. = **H. panduratum** var. **panduratum**
- auriculatum* Less. = **H. pandurifolium**
auriculatum Less. var. *panduratum* Harv. = **H. panduratum** var. **panduratum**
- bachmannii** Klatt
 Perennial. Shrub. Ht 0.15–2 m. Alt 3–50 m. WC
- basalticum** Hilliard
Gnaphalium alticolum Compton (2)
 Perennial. Herb. Ht 0.05–0.25 m. Alt 2515–3355 m. KZN, L, EC
- bellidiastrum** Moeser
 Perennial. Herb. Ht 0.1–0.25 m. Alt 2000–3355 m. KZN, L, EC
- bellum** Hilliard
 Perennial. Herb. Ht 0.1–0.3 m. Alt 2400–3650 m. KZN, L, EC
- benguellense* Hiern var. *latifolium* S.Moore ex Moeser = **H. tomentosulum** subsp. **tomentosulum**
- bolusianum* Moeser = **H. pumilio** subsp. **pumilio**
- brunneum* Burt Davy = **H. nudifolium** var. **nudifolium**
- caespitium** (DC.) Harv.
H. lineare DC. var. *caespitium* DC. (2)
 Perennial. Herb. Ht 0.01–0.02 m. Alt 650–2440 m. LIM, NW, G, M, S, FS, KZN, L, NC, EC
- callicomum** Harv.
 Perennial. Herb. Ht 0.15–0.9 m. Alt 915–2300 m. LIM, NW, G, M, FS, KZN, L, EC
- calocephalum** Klatt
 Perennial. Herb. Ht 0.3–0.45 m. Alt 1065–1465 m. M, S
- calocephalum* Schltr. = **H. ecklonis**
- campanum* S.Moore = **H. cephaloideum**
- candolleianum** H.Buek
H. damarensis O.Hoffm. (2)
H. leptolepis DC. (2)
H. pachyrhizum Harv. (2)
 Perennial. Herb. Ht 0.05–0.4 m. Alt 30–2000 m. N, B, LIM, NW, G, M, S, KZN
- capense** Hilliard
H. marifolium of authors, not of DC. (2)
 Perennial. Herb. Ht 0.1–0.2 m. Alt 600–1500 m. WC
- capillaceum* (Thunb.) Less. = **Troglophyton capillaceum** subsp. **capillaceum**
- capillaceum* (Thunb.) Less. var. *diffusum* DC. = **Troglophyton capillaceum** subsp. **diffusum**
- capillaceum* (Thunb.) Less. var. *erectum* DC. = **Troglophyton parvulum**
- capillaceum* (Thunb.) Less. var. *majus* DC. = **Troglophyton capillaceum** subsp. **capillaceum**
- capitellatum* (Thunb.) Less. = **H. helianthemifolium**
- catipes** (DC.) Harv.
Eriosphaera catipes DC. (2)
H. anaxetonoides Schltr. & Moeser (2)
 Perennial. Herb. Ht 0.1–0.3 m. Alt 1500–1800 m. WC
- cephaloideum** DC.
H. adscendens in sense of Moeser, not of (Thunb.) Less. (2)
H. adscendens (Thunb.) Less. var. *cephaloideum* (DC.) Moeser (2)
H. campanum S.Moore (2)
H. infusum Burt Davy (2)
H. polyphyllum Conrath (2)
 Perennial. Herb. Ht 0.15–0.6 m. Alt 10–2620 m. LIM, NW, G, M, S, FS, KZN, L, EC

- cerastioides** DC. var. **aurosicum** Merxm. & A.Schreib.
H. engelium Dinter (2)
Perennial. Herb. Ht 0.02–0.2 m. Alt 1550–2340 m. N
- cerastioides** DC. var. **cerastioides**
H. cerastioides DC. var. *gracile* Moeser (2)
H. obvallatum DC. (2)
Perennial. Herb. Ht 0.02–0.3 m. Alt 915–1675 m. N, B, LIM, NW, G, M, FS, NC, EC
- cerastioides* DC. var. *gracile* Moeser = **H. cerastioides** var. **cerastioides**
- chionosphaerum** DC.
H. pondoense Schltr. (2)
H. randii S.Moore (2)
Perennial. Herb. Ht 0.05–0.15 m. Alt 300–2500 m. LIM, NW, G, M, S, FS, KZN, L, EC
- chlorochrysum* DC. = **Syncarpha chlorochrysum**
- chrysargyrum** Moeser
Perennial. Herb. Ht 0.2–0.5 m. Alt 1070–2260 m. LIM, M, S, KZN
- citricephalum** Hilliard & B.L.Burtt
Perennial. Shrub. Ht 0.5–1 m. Alt? KZN
- citrinum* Less. = **Syncarpha affinis**
- coactum* M.D.Hend. = **H. umbraculigerum**
- cochleariforme** DC.
H. imbricatum (L.) Less. (2)
H. stellatum (L.) Less. var. *globiferum* Harv. (2)
Perennial. Dwarf shrub. Ht 0.05–0.2 m. Alt 5–365 m. WC
- cochleariforme* in sense of Harv., not of DC. = **H. pulchellum**
- comosum* Sch.Bip. = **H. asperum** var. **comosum**
- concinnum* N.E.Br. = **H. pulchellum**
- confertifolium** Klatt
Perennial. Herb. Ht 0.05–0.5 m. Alt 170–2200 m. LIM, M, FS, KZN, EC
- confertum** N.E.Br.
Perennial. Dwarf shrub. Ht 0.07–0.2 m. Alt 1800–3355 m. KZN, L, EC
- cooperi** Harv.
Biennial. Herb. Ht 0.2–2 m. Alt 395–2900 m. M, FS, KZN, L, EC
- coriaceum* (DC.) Harv. = **H. rotundatum**
- coriaceum* Harv. = **H. nudifolium** var. **nudifolium**
- crassifolium* of authors, not of (L.) D.Don = **H. crispum**
- crispum** (L.) D.Don
Gnaphalium crispum L. (2)
H. crassifolium of authors, not of (L.) D.Don (2)
H. rotundifolium in sense of Moeser, not of (Thunb.) Less. (2)
Perennial. Herb. Ht 0.15–0.6 m. Alt 5–915 m. WC
- crispum* (L.) D.Don var. *citrinum* Harv. = **H. patulum**
- crispum* of authors, not of (L.) D.Don = **H. patulum**
- cylindricum* D.Don = **H. cylindriflorum**
- cylindriflorum** (L.) Hilliard & B.L.Burtt
Gnaphalium cylindriflorum L. (2)
H. cylindricum D.Don (2)
H. fastigiatum Harv. (2)
H. leipoldtii Bolus (2)
H. rubellum (Thunb.) Less. (2)
Perennial. Dwarf shrub. Ht 0.05–0.3 m. Alt 30–1450 m. NC, WC
- cyomosum** (L.) D.Don subsp. **calvum** Hilliard
H. infaustum J.M.Wood & M.S.Evans var. *discolor* Moeser (2)
Perennial. Shrub, dwarf shrub. Ht 0.15–0.55 m. Alt 1200–3170 m. M, FS, KZN, L, EC
- cyomosum** (L.) D.Don subsp. **cyomosum**
Gnaphalium cyomosum L. (2)
Perennial. Shrub, herb. Ht 0.1–1.8 m. Alt 5–2010 m. KZN, WC, EC
- damarensis* O.Hoffm. = **H. candolleianum**
- danae* S.Moore = **H. acutatum**
- dasyanthum** (Willd.) Sweet
Gnaphalium dasyanthum Willd. (2)
H. maritimum D.Don (2)
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 15–1310 m. NC, WC, EC
- dasycephalum** O.Hoffm.
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 1000–2500 m. FS, L, EC
- dasymallum** Hilliard
H. lanatum Harv., not of Schrank (2)
Perennial. Herb. Ht 0.1–0.4 m. Alt 1220–1465 m. LIM, NW, G, M, S, KZN
- davyi* S.Moore = **H. nudifolium** var. **nudifolium**
- declinatum* (L.f.) Less. = **Gnaphalium declinatum**
- decorum** DC.
Biennial. Herb. Ht 0.4–1.4 m. Alt 5–900 m. S, KZN, EC
- deserticola** Hilliard
Perennial. Dwarf shrub, herb. Ht 0.02–0.06 m. Alt? N
- difficile** Hilliard
Perennial. Herb. Ht 0.75–1.8 m. Alt 1520–2100 m. LIM, NW, G, M, S
- diffusum** DC.
Perennial. Herb. Ht 0.1–0.3 m. Alt 300–1575 m. KZN, WC
- dinteri* S.Moore var. *obtusum* S.Moore = **H. obtusum**
- drakensbergense** Killick
Perennial. Dwarf shrub, herb. Ht 0.2–0.4 m. Alt 1525–2805 m. KZN
- dregeanum** Sond. & Harv.
Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 300–2045 m. N, NW, G, FS, KZN, L, NC, EC
- dunense** Hilliard
Perennial. Herb. Ht 0.05–0.1 m. Alt 5–15 m. NC, WC
- dykei* Bolus = **Syncarpha dykei**
- ecklonis** Sond.
H. calocephalum Schltr. (2)
H. lamprocephalum Bolus (2)
H. scapiforme Moeser (2)
Perennial. Herb. Ht 0.1–0.5 m. Alt 5–2865 m. M, FS, KZN, L, EC
- edwardsii** Wild
Perennial. Shrub. Ht 0.3–1 m. Alt 1420–1675 m. LIM, M
- elegantissimum** DC.
Biennial. Herb. Ht 0.5–1 m. Alt 1370–2560 m. KZN, L, EC
- engelium* Dinter = **H. cerastioides** var. **aurosicum**
- epapposum** Bolus
H. flavum Burtt Davy (2)
H. inerme Moeser excl. var. *brachycladum* Moeser (2)

- Perennial. Herb. Ht 0.4–0.6 m. Alt 915–2100 m. LIM, NW, M, S, KZN, EC
- epapposum* Bolus var. *robustum* Bolus = **H. griseolanatum**
- ephelos** Hilliard
Perennial. Herb. Ht 0.1–0.4 m. Alt 1675–2180 m. KZN, EC
- ericifolium* Less. = **H. asperum** var. **asperum**
- ericifolium* Less. var. *albidulum* DC. = **H. asperum** var. **albidulum**
- ericifolium* Less. var. *appressifolium* Moeser = **H. asperum** var. **appressifolium**
- ericifolium* Less. var. *laxum* (DC.) Harv. = **H. asperum** var. **asperum**
- ericifolium* Less. var. *lineare* in sense of Harv., not of *H. lineare* DC. = **H. asperum** var. **comosum**
- ericifolium* Less. var. *metalsioides* (DC.) Harv. = **H. niveum**
- ericoides* (Lam.) Pers. = **Dolichothrix ericoides**
- eriophorum* Conrath = **H. acutatum**
- ernestianum* DC. = **H. sessile**
- erosum* Harv. = **H. rosum** var. **rosum**
- erubescens** Hilliard
Annual, occ. perennial. Herb. Ht 0.03–0.1 m. Alt? N
- evansii** Hilliard
H. alticolum Bolus var. *montanum* Bolus (3)
Perennial. Herb. Ht 0.03–0.1 m. Alt 2500–3355 m. FS, KZN, L
- excisum** (Thunb.) Less.
Gnaphalium excisum Thunb. (2)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 305–1220 m. WC, EC
- expansum* (Thunb.) Less. = **H. indicum**
- fasciculatum* (Andrews) Willd. = **Edmondia fasciculata**
- fastigiatum* Harv. = **H. cylindriflorum**
- felinum** Less.
Perennial. Herb. Ht 0.2–1 m. Alt 15–1900 m. KZN, WC, EC
- filagineum* DC. = **H. micropoides**
- filiforme* (D. Don) Less. = **Edmondia sesamoides**
- flanagani** Bolus
Perennial. Herb. Ht 0.05–0.25 m. Alt 1065–3475 m. KZN, L, EC
- flavum* Burt Davy = **H. epapposum**
- fleckii* S. Moore = **H. pumilio** subsp. **fleckii**
- fleckii* S. Moore var. *dinteri* (S. Moore) Merxm. & A. Schreib. = **H. pumilio** subsp. **fleckii**
- floccosum* Klatt = **H. acutatum**
- foetidum** (L.) Moench var. **foetidum**
Gnaphalium foetidum L. (2)
Biennial. Herb. Ht 0.3–1 m. Alt 5–1670 m. WC, EC
- fourcadei** Hilliard
Perennial. Dwarf shrub. Ht 0.05–0.1 m. Alt 810–850 m. WC, EC
- fruticans** (L.) D. Don
Gnaphalium fruticans L. (2)
Perennial. Herb. Ht 0.5–1 m. Alt 365–750 m. WC
- fulgidum* (L.f.) Willd. var. *angustifolium* DC. = **H. aureum** var. **aureum**
- fulgidum* (L.f.) Willd. var. *heterotrichum* DC. = **H. aureum** var. **aureum**
- fulgidum* (L.f.) Willd. var. *monocephalum* DC. = **H. aureum** var. **monocephalum**
- fulgidum* (L.f.) Willd. var. *nanum* DC. = **H. aureum** var. **monocephalum**
- fulgidum* (L.f.) Willd. var. *subnudatum* DC. = **H. tenax** var. **tenax**
- fulvellum* Harv. = **H. rotundatum**
- fulvum** N.E.Br.
Perennial. Herb. Ht 0.5–1 m. Alt 1400–2100 m. FS, KZN, EC
- galpinii** N.E.Br.
H. galpinii N.E.Br. var. *tenuis* Burt Davy (2)
Perennial. Dwarf shrub. Ht 0.01–0.03 m. Alt 915–2320 m. LIM, M, S
- galpinii* N.E.Br. var. *tenuis* Burt Davy = **H. galpinii**
- galpinii* Schltr. & Moeser = **H. acutatum**
- gariopinum** DC.
Annual, occ. perennial. Herb. Ht 0.05–0.2 m. Alt 90–915 m. N, NC
- gazense* S. Moore = **H. lepidissimum**
- gemmiferum* Bolus = **Atrichantha gemmifera**
- gerberifolium* A. Rich. = **H. nudifolium** var. **nudifolium**
- gerrardii* Harv. = **H. stenopterum**
- glaciale** Hilliard
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 2500–2910 m. KZN, L, EC
- glomeratum** Klatt
Perennial. Herb. Ht 0.2–0.45 m. Alt 1065–2600 m. M, FS, KZN, L, EC
- grandibracteatum** M.D. Hend.
Perennial. Herb. Ht 0.1–0.2 m. Alt 1350–2600 m. FS, KZN, L, EC
- grandiflorum** (L.) D. Don
Gnaphalium grandiflorum L. (2)
Perennial. Herb. Ht 0.1–0.45 m. Alt 300–460 m. WC
- griseolanatum** Hilliard
H. epapposum Bolus var. *robustum* Bolus (2)
H. inerme Moeser var. *brachycladum* Moeser (2)
Perennial. Dwarf shrub. Ht 0.15–0.25 m. Alt 1065–2620 m. KZN, L, EC
- griseum** Sond.
H. agrostophilum Klatt in part (2)
Perennial. Herb. Ht 0.35–0.75 m. Alt 60–1500 m. KZN, EC
- gymnocomum** DC.
Perennial. Herb. Ht 0.15–0.3 m. Alt 5–3000 m. KZN, L, EC
- hamulosum** E. Mey. ex DC.
Perennial. Shrub, dwarf shrub. Ht 0.3–0.75 m. Alt 365–1860 m. NC, WC, EC
- harveyanum** Wild
H. subulifolium Harv. (2)
Perennial. Herb. Ht 0.3–0.75 m. Alt 1120–1720 m. B, LIM, NW, G, M

haygarthii Bolus*H. multirosulatum* O.Hoffm. & Muschl. (2)

Perennial. Dwarf shrub. Ht 0.03–0.05 m. Alt 2000–2230 m. FS, KZN

hebelepis DC.

Perennial. Shrub. Ht 0.15–2.5 m. Alt 5–1270 m. NC, WC

helianthemifolium (L.) D.Don*Gnaphalium helianthemifolium* L. (2)*H. capitellatum* (Thunb.) Less. (2)

Annual, occ. perennial. Shrub, herb. Ht 0.2–1.5 m. Alt 50–1745 m. WC, EC

helodes Hiern = **H. aureonitens****herbaceum** (Andrews) Sweet*H. squamosum* of authors, not of (Jacq.) Thunb. (2)*Xeranthemum herbaceum* Andrews (2)

Perennial. Herb. Ht 0.15–0.45 m. Alt 45–2500 m. LIM, M, FS, KZN, L, EC

herniarioides DC.*Gnaphalium indicum* in sense of Dinter, not of L., misapplied name (2)

Annual. Herb. Ht 0.03–0.15 m. Alt 5–1675 m. N, NC, WC

heterolasium Hilliard

Biennial. Herb. Ht 0.2–0.8 m. Alt 2280–2850 m. KZN, L

hochstetteri (A.Rich.) Hook.f. = **H. stenopterum****homilochrysum** S.Moore

Perennial. Shrub, dwarf shrub. Ht 0.2–0.5 m. Alt 1350–1990 m. M, S

humile (Andrews) Less. = **Edmondia pinifolia***hutchinsonii* E.Phillips = **H. pumilio** subsp. **pumilio****hyphocephalum** Hilliard

Perennial. Herb. Ht 0.05–0.1 m. Alt 1830–2500 m. KZN

hypoleucum Harv.*Gnaphalium subcordatum* Kuntze (2)

Perennial. Shrub, herb. Ht 0.3–2 m. Alt 1200–2135 m. M, FS, KZN

imbricatum (L.) Less. = **H. cochleariforme****incarnatum** DC.*H. rubellum* (Thunb.) Less. var. *incarnatum* (DC.) Harv. (2)

Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 180–1170 m. WC

indicum (L.) Grierson*Gnaphalium indicum* L. (2)*H. expansum* (Thunb.) Less. (2)

Annual. Herb. Ht 0.1–0.4 m. Alt 15–825 m. WC

inermis Moeser excl. var. *brachycladum* Moeser = **H. epapposum***inermis* Moeser var. *brachycladum* Moeser = **H. griseolanatum****infaustum** J.M.Wood & M.S.Evans*Calomeria infausta* (J.M.Wood & M.S.Evans) Heine (2)*Humea infausta* (J.M.Wood & M.S.Evans) S.Moore (2)

Perennial. Dwarf shrub. Ht 0.15–0.2 m. Alt 400–2775 m. M, FS, KZN, L

infaustum J.M.Wood & M.S.Evans var. *discolor* Moeser = **H. cymosum** subsp. **calvum***infusum* Burt Davy = **H. cephaloideum****ingomense** Hilliard

Perennial. Herb. Ht 0.15–0.3 m. Alt ?–1335 m. KZN

inornatum Hilliard & B.L.Burt

Perennial. Herb. Ht 0.2–0.5 m. Alt 1500–2290 m. KZN

interjacens Hilliard

Perennial. Dwarf shrub, herb. Ht 0.3–0.6 m. Alt 1300–2300 m. M, S, KZN

interzonale Compton

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 550–1500 m. WC

intricatum DC.

Perennial. Herb. Ht 0.1–0.3 m. Alt ?–1675 m. WC, EC

involutratum Klatt = **H. spiralepis****isolepis** Bolus

Perennial. Herb. Ht 0.15–0.3 m. Alt 1645–2255 m. EC

jubilatum Hilliard

Annual. Herb. Ht 0.02–0.1 m. Alt? NC

junodii Moeser

Perennial. Shrub. Ht 0.2–0.5 m. Alt 1100–1925 m. LIM

kraussii Sch.Bip.*H. steetzii* (Vatke) O.Hoffm. (2)

Perennial. Shrub. Ht 0.1–1.5 m. Alt 5–1850 m. LIM, NW, G, M, S, FS, KZN

krebsianum Less.

Perennial. Herb. Ht 0.2–0.6 m. Alt 100–2135 m. KZN, EC

crookii Moeser

Perennial. Herb. Ht 0.3–0.4 m. Alt 1650–2835 m. KZN, L, EC

kuntzei (Kuntze) Moeser = **H. melanacme***laevigatum* Markötter = **H. sessile****lambertianum** DC.

Perennial. Shrub. Ht 0.3–0.6 m. Alt 155–1525 m. WC

lamprocephalum Bolus = **H. ecklonis***lanatomarginatum* Markötter = **H. thapsus***lanatum* Harv., not of Schrank = **H. dasymallum****lancifolium** (Thunb.) Thunb.*Xeranthemum lancifolium* Thunb. (2)

Perennial. Shrub, herb. Ht 0.15–0.3 m. Alt 670–1980 m. WC, EC

laneum S.Moore = **H. pumilio** subsp. **pumilio***lasianthum* Schltr. & Moeser = **Vellereophyton lasianthum***latifolium* (Thunb.) Less. = **H. nudifolium** var. **pilosellum***leiopodium* DC. = **H. nudifolium** var. **nudifolium***leiopodium* DC. var. *denudatum* Harv. = **H. nudifolium** var. **nudifolium***leipoldtii* Bolus = **H. cylindriflorum****leontonyx** DC.

Annual. Herb. Ht 0.01–0.05 m. Alt 120–1260 m. N, NC, WC, EC

lepidissimum S.Moore*H. gazense* S.Moore (2)*H. lepidissimum* S.Moore var. *flavidum* Moeser (2)

Perennial. Shrub, herb. Ht 0.1–0.75 m. Alt 1200–2080 m. LIM, NW, G, M, S, KZN, EC

lepidissimum S.Moore var. *flavidum* Moeser = **H. lepidissimum**

lepidopodium Bolus = **Syncarpha lepidopodium**

leptolepis DC. = **H. candolleianum**

leptorhizum DC.

Annual. Herb. Ht 0.03–0.06 m. Alt 300–330 m. NC, WC

lesliei Hilliard

Perennial. Shrub, herb. Ht 0.2–0.6 m. Alt 1370–1890 m. G, M

lineare DC.

H. seineri Moeser (2)

Perennial. Herb. Ht 0.07–0.15 m. Alt 730–1980 m. N, B, LIM, NW, G, FS, KZN, L, NC, WC, EC

lineare DC. var. *caespititium* DC. = **H. caespititium**

lineatum Bolus

Perennial, occ. annual. Herb. Ht 0.03–0.05 m. Alt 2700–3240 m. L, EC

lingulatum Hilliard

Perennial. Herb. Ht 0.1–0.2 m. Alt 1370–1950 m. KZN, L, EC

litorale Bolus

Leontonyx angustifolius DC. (2)

Leontonyx spathulatus Less. (2)

Perennial. Herb. Ht 0.05–0.5 m. Alt 5–1500 m. WC, EC

longebracteatum Schrank = **Edmondia pinifolia**

longifolium DC.

Perennial. Herb. Ht 0.25–0.6 m. Alt 10–915 m. KZN, EC

longinquum Hilliard

Perennial. Herb. Ht 0.2–0.3 m. Alt 2100–2440 m. KZN

lucilioides Less.

Leontonyx ramosissimum O.Hoffm. (2)

Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 900–1585 m. N, FS, NC, WC, EC

manopappum O.Hoffm. = **H. rutilans**

marginatum DC.

Perennial. Dwarf shrub, herb. Ht 0.1–0.15 m. Alt 2440–3355 m. FS, KZN, L, EC

mariepsopicum Hilliard

Perennial. Dwarf shrub, herb. Ht 0.15–0.3 m. Alt 1370–1675 m. M

marifolium DC.

H. umbellatum (Turcz.) Harv. (2)

Perennial. Herb. Ht 0.1–0.2 m. Alt 610–1500 m. WC

marifolium of authors, not of DC. = **H. capense**

maritimium D.Don = **H. dasyanthum**

marlothianum O.Hoffm.

Annual. Herb. Ht 0.02–0.1 m. Alt 300–400 m. N

marmarolepis S.Moore

Annual. Herb. Ht 0.03–0.25 m. Alt 30–400 m. NC, WC

melanacme DC.

H. kuntzei (Kuntze) Moeser (2)

H. pullulum Burt Davy (2)

H. tenuiculum in sense of Hilliard, not of DC. (2)

Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 1130–2835 m. G, M, S, FS, KZN, L, EC

metalsioides DC. = **H. niveum**

miconiifolium DC.

Perennial. Herb. Ht 0.2–0.9 m. Alt 185–3050 m. LIM, NW, G, M, S, FS, KZN, L, EC

micropoides DC.

Gnaphalium prostratum Thunb. (2)

H. filagineum DC. (2)

H. namaquense Schltr. & Moeser (2)

Annual, occ. perennial. Herb. Ht 0.02–0.05 m. Alt 10–1300 m. N, NC, WC

milfordiae Killick

Perennial. Dwarf shrub, herb. Ht 0.05–0.12 m. Alt 2440–3500 m. KZN, L

milleri Hilliard

Perennial. Shrub. Ht 0.5–1 m. Alt 1730–2000 m. M, S

mimetes S.Moore

Perennial. Dwarf shrub, herb. Ht 0.2–0.7 m. Alt 1065–2090 m. LIM, M, S

mixtum (Kuntze) Moeser var. **grandiceps** Hilliard

Perennial. Herb. Ht 0.25–0.6 m. Alt 660–1600 m. M, S

mixtum (Kuntze) Moeser var. **mixtum**

Gnaphalium mixtum Kuntze (2)

Perennial. Herb. Ht 0.25–0.6 m. Alt 15–1830 m. LIM, NW, G, M, S, KZN, EC

moeserianum Thell.

H. rutilans of authors, not of (L.) D.Don (2)

Annual. Herb. Ht 0.1–0.4 m. Alt 180–1005 m. NC, WC

molestum Hilliard

Perennial. Herb. Ht 0.5–1 m. Alt 1675–2050 m. LIM, G, M, S

mollifolium Hilliard

Perennial. Herb. Ht 0.35–0.6 m. Alt 2100–2450 m. KZN

montanum DC.

H. splendidum (Thunb.) Less. var. *montanum* (DC.) Harv. (2)

Perennial. Dwarf shrub. Ht 0.1–0.45 m. Alt 1370–2745 m. FS, KZN, L, EC

monticola Hilliard

Perennial. Herb. Ht 0.1–0.3 m. Alt 1500–2700 m. M, S, FS, KZN, EC

montis-cati Hilliard

Perennial. Shrub. Ht 0.5–3 m. Alt 1520–1670 m. EC

montosicolum Gand. = **Pseudognaphalium undulatum**

mucronatum (P.J.Bergius) Less. = **Syncarpha mucronata**

multirosulatum O.Hoffm. & Muschl. = **H. haygarthii**

mundtii Harv.

Perennial. Herb. Ht 0.5–1.5 m. Alt 700–2100 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

mutabile Hilliard

Perennial. Herb. Ht 0.3–1 m. Alt 750–2100 m. LIM, G, M, S

namaquense Schltr. & Moeser = **H. micropoides**

nanum Klatt

Perennial. Herb. Ht 0.1–0.2 m. Alt 1405–3355 m. FS, KZN, L, EC

natalitium DC.

Perennial. Herb. Ht 0.4–1 m. Alt 50–2500 m. KZN, EC

nimbicola Hilliard

Perennial. Herb. Ht 0.05–0.2 m. Alt 2500–2800 m.
KZN, EC

niveum (L.) Less.

Gnaphalium niveum L. (2)
H. ericifolium Less. var. *metalsioides* (DC.) Harv. (2)
H. metalsioides DC. (2)
Perennial. Dwarf shrub. Ht 0.06–0.9 m. Alt 5–180 m.
WC

niveum of authors, not of (L.) Less. = **H. rutilans**

nudifolium (L.) Less. var. *leiopodium* (DC.) Moeser =
H. nudifolium var. **nudifolium**

nudifolium (L.) Less. var. **nudifolium**

Gnaphalium nudifolium L. (2)
Gnaphalium plantaginifolium Kuntze (5)
H. asperifolium Moeser (2)
H. brunneum Burt Davy (5)
H. coriaceum Harv. (5)
H. davyi S.Moore (5)
H. gerberifolium A.Rich. (5)
H. leiopodium DC. (2)
H. leiopodium DC. var. *denudatum* Harv. (2)
H. nudifolium (L.) Less. var. *leiopodium* (DC.) Moeser (2)
H. nudifolium (L.) Less. var. *obovatum* Harv. (2)
H. nudifolium (L.) Less. var. *quinquenerve* (Thunb.) Moeser (2)
H. plantaginifolium O.Hoffm. ex Moeser (5)
H. quinquenerve (Thunb.) Less. (2)

Perennial. Herb. Ht 0.1–1.5 m. Alt 5–2500 m. LIM,
NW, G, M, S, FS, KZN, L, NC, WC, EC

nudifolium (L.) Less. var. *obovatum* Harv. = **H. nudifolium** var. **nudifolium**

nudifolium (L.) Less. var. **oxyphyllum** (DC.) Beentje

H. amoenum Moeser (5)
H. oxyphyllum DC. (5)
H. undatum (J.F.Gmel.) Less. (5)
Perennial. Herb. Ht 0.3–0.6 m. Alt 50–1675 m. LIM,
G, M, S, KZN, WC, EC

nudifolium (L.) Less. var. **pilosellum** (L.f.) Beentje

Gnaphalium pilosellum L.f. (5)
H. latifolium (Thunb.) Less. (5)
H. pedunculare (L.) DC. var. *pilosellum* (L.f.) Harv. (5)
H. pilosellum (L.f.) Less. (5)
Perennial. Herb. Ht 0.1–0.5 m. Alt 30–2810 m. LIM,
NW, G, M, S, FS, KZN, L, EC

nudifolium (L.) Less. var. *quinquenerve* (Thunb.)
Moeser = **H. nudifolium** var. **nudifolium**

nummularium Moeser = **H. rotundifolium**

obductum Bolus

H. obductum Bolus var. *laxior* Bolus (8)
Perennial. Dwarf shrub, herb. Ht 0.1–0.6 m. Alt 765–
2100 m. LIM, M, KZN

obductum Bolus var. *laxior* Bolus = **H. obductum**

obtusum (S.Moore) Moeser

H. dinteri S.Moore var. *obtusum* S.Moore (2)
H. obtusum (S.Moore) Moeser var. *microphyllum* Merxm. &
A.Schreib. (2)
H. obtusum (S.Moore) Moeser var. *namibense* Merxm. &
A.Schreib. (2)
Perennial. Dwarf shrub, herb. Ht 0.04–0.15 m. Alt 190–
1160 m. N, FS, NC, EC

obtusum (S.Moore) Moeser var. *microphyllum* Merxm.
& A.Schreib. = **H. obtusum**

obtusum (S.Moore) Moeser var. *namibense* Merxm. &
A.Schreib. = **H. obtusum**

obvallatum DC. = **H. cerastioides** var. **cerastioides**

odoratissimum (L.) Sweet

Gnaphalium odoratissimum L. (2)
Perennial. Shrub, herb. Ht 0.2–1.75 m. Alt 5–3050 m.
LIM, M, S, FS, KZN, L, WC, EC

oligopappum Bolus

Perennial. Herb. Ht 0.1–0.6 m. Alt 915–1675 m. KZN

opacum Klatt

Perennial. Herb. Ht 0.2–0.4 m. Alt 790–2100 m. M, S,
FS, KZN

orbiculare (Thunb.) Druce = **Plecostachys serpyllifolia**
oreophilum Dinter = **Troglophyton capillaceum** subsp.
capillaceum

oreophilum Klatt

Perennial. Herb. Ht 0.06–0.3 m. Alt 1005–2440 m.
LIM, G, M, S, FS, KZN, L

outeniquense Hilliard

Perennial. Dwarf shrub, herb. Ht 0.15–0.25 m. Alt?
EC

oxybelium DC.

Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 155–1220
m. NC, WC

oxyphyllum DC. = **H. nudifolium** var. **oxyphyllum**

pachyrhizum Harv. = **H. candolleianum**

pachyrhizum Harv. var. *thunbergii* Harv. = **H. pumilio**
subsp. **pumilio**

pagophilum M.D.Hend.

Perennial. Dwarf shrub. Ht 0.05–0.1 m. Alt 2745–
3500 m. KZN, L

paleatum Hilliard

Perennial. Herb. Ht 0.15–0.3 m. Alt 1900–2500 m.
KZN, L

pallidum DC.

H. agrostophilum Klatt in part (2)
H. agrostophilum Klatt var. *nemorosum* Bolus (2)
H. undatum (J.F.Gmel.) Less. var. *agrostophilum* (Klatt) Moeser (2)
H. undatum (J.F.Gmel.) Less. var. *pallidum* (DC.) Harv. (2)
Perennial. Herb. Ht 0.2–0.65 m. Alt 10–2700 m. LIM,
G, M, S, FS, KZN, L, EC

palustre Hilliard

Perennial. Herb. Ht 0.05–0.2 m. Alt 2300–3400 m.
KZN, L, EC

panduratum O.Hoffm. var. **panduratum**

H. auriculatum in sense of Oliv. & Hiern, not of Less. (2)
H. auriculatum Less. var. *panduratum* Harv. (2)
Perennial. Shrub, herb. Ht 0.3–0.6 m. Alt 10–1220 m.
KZN, EC

panduratum O.Hoffm. var. **transvaalense** Moeser

Perennial. Shrub, herb. Ht 0.3–0.6 m. Alt 610–1900 m.
LIM, M, S, KZN

pandurifolium Schrank

H. auriculatum Less. (2)
Perennial. Shrub, herb. Ht 0.3–1 m. Alt 15–1525 m.
WC, EC

paniculatum (L.) Willd. = **Syncarpha paniculata**

pannosum DC.

Perennial. Herb. Ht 0.45–1 m. Alt 220–650 m. KZN,
EC

paronychioides DC.

Perennial. Dwarf shrub, herb. Ht 0.02–0.05 m. Alt
610–1740 m. B, LIM, NW, G, M, FS, L, NC

- parviflorum* (Lam.) DC. = **H. rutilans**
- patulum** (L.) D. Don
Gnaphalium patulum L. (2)
H. crispum (L.) D. Don var. *citrinum* Harv. (2)
H. crispum of authors, not of (L.) D. Don (2)
 Perennial. Shrub, herb. Ht 0.3–1 m. Alt 5–640 m. WC
- pedunculare* (L.) DC. var. *pilosellum* (L.f.) Harv. = **H. nudifolium** var. **pilosellum**
- pedunculare* of authors, not of (L.) DC. = **H. pedunculatum**
- pedunculatum** Hilliard & B.L.Burt
H. pedunculare of authors, not of (L.) DC. (2)
 Perennial. Herb. Ht 0.2–0.5 m. Alt 30–1525 m. FS, L, WC, EC
- pentzioides** Less.
 Perennial. Shrub, dwarf shrub. Ht 0.3–1.2 m. Alt 120–1420 m. FS, NC, WC, EC
- petiolare** Hilliard & B.L.Burt
H. petiolatum of authors, not of (L.) DC. (2)
 Perennial. Shrub, herb. Ht 0.3–4.5 m. Alt 5–1890 m. WC, EC
- petiolatum* of authors, not of (L.) DC. = **H. petiolare**
- petraeum** Hilliard
 Perennial. Herb. Ht 0.1–0.3 m. Alt 1350–1850 m. S, KZN
- pilosellum* (L.f.) Less. = **H. nudifolium** var. **pilosellum**
- pinifolium* (Lam.) Schrank = **Edmondia pinifolia**
- plantaginifolium* O.Hoffm. ex Moeser = **H. nudifolium** var. **nudifolium**
- platypterum** DC.
Cassinia alba O.Hoffm. (2)
Gnaphalium amplum Kuntze (2)
 Perennial. Herb. Ht 0.3–1 m. Alt 50–2135 m. LIM, M, S, FS, KZN, L, EC
- plebeium** DC.
 Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 100–600 m. WC
- polycladum** Klatt
 Perennial. Herb. Ht 0.2–1 m. Alt 1200–3300 m. LIM, NW, G, M, S, KZN
- polyphyllum* Conrath = **H. cephaloideum**
- pondoense* Schltr. = **H. chionosphaerum**
- populifolium** DC.
 Perennial. Shrub. Ht 0.9–2 m. Alt 10–800 m. KZN, EC
- praecinctum** Klatt
H. rogersii S. Moore (2)
 Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 5–15 m. EC
- praecurrens** Hilliard
 Perennial. Herb. Ht 0.01–0.03 m. Alt 2050–3670 m. FS, KZN, L
- pseudofasciculatum* Schrank = **Edmondia sesamoides**
- psilolepis** Harv.
 Perennial. Herb. Ht 0.2–0.4 m. Alt 600–2500 m. G, M, FS, KZN, L, EC
- pulchellum** DC.
H. cochleariforme in sense of Harv., not of DC. (2)
H. concinnum N.E.Br. (2)
 Perennial. Herb. Ht 0.05–0.2 m. Alt 700–1220 m. NC, WC
- pullulum* Burt Davy = **H. melanacme**
- pulvinatum* O.Hoffm. ex Kuntze = **H. sutherlandii**
- pumilio** (O.Hoffm.) Hilliard & B.L.Burt subsp. **fleckii** (S. Moore) Hilliard
H. fleckii S. Moore (2)
H. fleckii S. Moore var. *dinteri* (S. Moore) Merxm. & A. Schreib. (2)
H. viscidissimum Hutch. (2)
H. viscidissimum Hutch. var. *volkii* Merxm. (2)
 Perennial. Dwarf shrub, herb. Ht 0.02–0.3 m. Alt 800–2480 m. N
- pumilio** (O.Hoffm.) Hilliard & B.L.Burt subsp. **pumilio**
H. bolusianum Moeser (2)
H. hutchinsonii E. Phillips (2)
H. laneum S. Moore (2)
H. pachyrhizum Harv. var. *thunbergii* Harv. (2)
Leontonyx pumilio O.Hoffm. (2)
 Perennial. Dwarf shrub, herb. Ht 0.02–0.25 m. Alt 135–2090 m. FS, NC, WC, EC
- qathlambanum** Hilliard
 Perennial. Herb. Ht 0.25–0.75 m. Alt 1800–3000 m. KZN, L
- quinquenerve* (Thunb.) Less. = **H. nudifolium** var. **nudifolium**
- randii* S. Moore = **H. chionosphaerum**
- rangei* Moeser ex Dinter = **H. arenicola**
- recurvatum* (L.f.) Thunb. = **Syncarpha recurvata**
- reflexum** N.E.Br.
 Perennial. Dwarf shrub, herb. Ht 0.25–0.75 m. Alt 1350–2400 m. LIM, M, S
- refractum** Hilliard
 Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 330–800 m. EC
- retortoides** N.E.Br.
 Perennial. Dwarf shrub, herb. Ht 0.05–0.2 m. Alt 2200–3355 m. KZN, L
- retortum** (L.) Willd.
Xeranthemum retortum L. (2)
 Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 5–45 m. WC
- retortum* (L.) Willd. var. *minus* DC. = **H. stoloniferum**
- retusum* (Lam.) Spreng. = **Facelis retusa**
- revolutum** (Thunb.) Less.
Gnaphalium revolutum Thunb. (2)
 Perennial. Shrub, dwarf shrub. Ht 0.25–2 m. Alt 5–1200 m. N, NC, WC
- rogersii* S. Moore = **H. praecinctum**
- roseo-niveum** Marloth & O.Hoffm.
 Annual, occ. perennial. Herb. Ht 0.03–0.15 m. Alt 200–1065 m. N
- rosum** (P.J.Bergius) Less. var. **arcuatum** Hilliard
 Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 50–1220 m. FS, EC
- rosum* (P.J.Bergius) Less. var. *concolorum* (DC.) Moeser = **H. rosum** var. **rosum**
- rosum** (P.J.Bergius) Less. var. **rosum**
Gnaphalium rosum P.J.Bergius (2)
H. erosum Harv. (2)
H. rosum (P.J.Bergius) Less. var. *concolorum* (DC.) Moeser (2)
 Perennial. Shrub, dwarf shrub. Ht 0.15–1 m. Alt 20–1830 m. WC, EC
- rotundatum** Harv.
Eriosphera coriacea DC. (2)
H. coriaceum (DC.) Harv. (2)
H. fulvellum Harv. (2)

- Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 1200–1525 m. WC
rotundifolium in sense of Moeser, not of (Thunb.) Less.
 = **H. crispum**
- rotundifolium** (Thunb.) Less.
Gnaphalium rotundifolium Thunb. (2)
H. nummularium Moeser (2)
 Perennial. Dwarf shrub, herb. Ht 0.05–0.2 m. Alt 580–2000 m. WC
- rubellum* (Thunb.) Less. = **H. cylindriflorum**
- rubellum* (Thunb.) Less. var. *incarnatum* (DC.) Harv. =
H. incarnatum
- ruderae** Hilliard & B.L.Burt
 Biennial. Herb. Ht 0.3–1 m. Alt 15–1050 m. KZN
- rudolfii** Hilliard
 Perennial. Shrub. Ht 0.3–1.3 m. Alt 1500–1675 m.
 LIM, M
- rugulosum** Less.
 Perennial. Herb. Ht 0.1–0.3 m. Alt 15–2225 m. LIM,
 NW, G, M, S, FS, KZN, L, WC, EC
- rutilans** (L.) D.Don
Gnaphalium rutilans L. (2)
H. manopappum O.Hoffm. (2)
H. niveum of authors, not of (L.) Less. (2)
H. parviflorum (Lam.) DC. (2)
 Perennial. Dwarf shrub, herb. Ht 0.01–0.6 m. Alt 10–1600 m. FS, NC, WC, EC
- rutilans* of authors, not of (L.) D.Don = **H. moeseria-num**
- saxicola** Hilliard
 Perennial. Dwarf shrub. Ht 0.03–0.05 m. Alt 2000–2170 m. WC
- scabrum** (Thunb.) Less.
H. scabrum (Thunb.) Less. var. *microphyllum* (DC.) Harv. (2)
H. scabrum (Thunb.) Less. var. *scaberrimum* Harv. (2)
 Perennial. Shrub. Ht 0.15–1.8 m. Alt 105–915 m. NC,
 WC
- scabrum* (Thunb.) Less. var. *microphyllum* (DC.) Harv.
 = **H. scabrum**
- scabrum* (Thunb.) Less. var. *scaberrimum* Harv. = **H. scabrum**
- scapiforme* Moeser = **H. ecklonis**
- schlechteri* Bolus = **H. acutatum**
- scitulum** Hilliard & B.L.Burt
 Perennial. Shrub, herb. Ht 0.05–0.1 m. Alt 1800–2000 m. WC, EC
- scleranthoides* S.Moore = **Ifloga molluginoides**
- scopulosum* M.D.Hend. = **H. aureum** var. *scopulosum*
- seineri* Moeser = **H. lineare**
- serpyllifolium* (P.J.Bergius) Pers. = **Plecostachys serpyllifolia**
- serpyllifolium* (P.J.Bergius) Pers. var. *orbiculare* (Thunb.)
 DC. = **Plecostachys serpyllifolia**
- serpyllifolium* (P.J.Bergius) Pers. var. *polifolium* (Thunb.)
 DC. = **Plecostachys polifolia**
- sesamoides* (L.) Willd. = **Edmondia sesamoides**
- sesamoides* (L.) Willd. var. *fasciculatum* (Andrews) Harv.
 = **Edmondia fasciculata**
- sesamoides* (L.) Willd. var. *filiforme* (D.Don) Harv. =
Edmondia sesamoides
- sesamoides* (L.) Willd. var. *heterophyllum* Harv. = **Edmondia sesamoides**
- sesamoides* (L.) Willd. var. *willdenowii* Harv. = **Edmondia sesamoides**
- sessile** DC.
H. ernestianum DC. (2)
H. laevigatum Markötter (2)
 Perennial. Dwarf shrub. Ht 0.04–0.1 m. Alt 1370–2855 m. FS, EC
- sessile* of authors, not of DC. = **H. sessilioides**
- sessilioides** Hilliard
H. aretioides Thell. (2)
H. sessile of authors, not of DC. (2)
 Perennial. Dwarf shrub. Ht 0.05–0.1 m. Alt 2000–3200 m. KZN, L, EC
- setigerum* Bolus = **H. albo-brunneum**
- setigerum* Bolus var. *minor* Bolus = **H. albo-brunneum**
- setosum** Harv.
 Perennial. Shrub, herb. Ht 0.25–1.2 m. Alt 1220–2000 m. LIM, NW, G, M, FS, KZN
- silicicolum* Compton = **H. simulans**
- silvaticum** Hilliard
 Perennial. Herb. Ht 0.1–0.4 m. Alt 5–50 m. KZN
- simii* Bolus = **Gnaphalium simii**
- simillimum** DC.
 Perennial. Herb. Ht 0.3–0.4 m. Alt 250–2315 m. KZN,
 WC, EC
- simulans** Harv. & Sond.
H. silicicolum Compton (2)
 Perennial. Dwarf shrub. Ht 0.05–0.15 m. Alt 270–1500 m. WC
- solitarium** Hilliard
 Perennial. Herb. Ht 0.01–0.05 m. Alt 2950–3000 m.
 WC
- sordescens* DC. = **Syncarpha sordescens**
- spathulatum* Moeser = **H. acrophilum**
- spectabile* Lodd. = **Edmondia pinifolia**
- sphaeroideum** Moeser
 Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 900–1600 m. WC
- spiciforme** DC.
 Perennial. Shrub, dwarf shrub. Ht 0.01–0.1 m. Alt 975–1525 m. N, B, NC
- spiciforme* DC. subsp. *amboense* (Schinz) Merxm. = **H. amboense**
- spiciforme* DC. var. *amboense* (Schinz) Moeser = **H. amboense**
- spinosum* (L.) Willd. = **Macleodium spinosum**
- spiralepis** Hilliard & B.L.Burt
H. involucreatum Klatt (2)
Leontonyx squarrosus DC. (2)
Leontonyx tomentosus Cass. (2)
 Perennial. Herb. Ht 0.1–0.3 m. Alt 5–2865 m. LIM,
 M, S, FS, KZN, L, WC, EC
- splendidum** (Thunb.) Less.
Gnaphalium splendidum Thunb. (2)
H. strictum (Lam.) Druce (2)
 Perennial. Shrub, herb. Ht 0.15–1.55 m. Alt 1045–2745 m. LIM, G, M, S, FS, KZN, L, WC,
 EC

splendidum (Thunb.) Less. var. *basuticum* E.Phillips = **H. witbergense**

splendidum (Thunb.) Less. var. *montanum* (DC.) Harv. = **H. montanum**

spodiophyllum Hilliard & B.L.Burt
Perennial. Dwarf shrub, herb. Ht 0.05–0.25 m. Alt 1370–2095 m. M, S, KZN, EC

squamosum (Jacq.) Thunb. = **Edmondia pinifolia**

squamosum of authors, not of (Jacq.) Thunb. = **H. herbaceum**

steetzii (Vatke) O.Hoffm. = **H. kraussii**

stellatum (L.) Less.
Gnaphalium stellatum L. (2)
Perennial. Shrub, dwarf shrub. Ht 0.1–0.45 m. Alt 30–915 m. NC, WC

stellatum (L.) Less. var. *globiferum* Harv. = **H. cochleariforme**

stenopterum DC.
Achyrocline stenoptera (DC.) Hilliard & B.L.Burt (4)
H. gerrardii Harv. (2)
H. hochstetteri (A.Rich.) Hook.f. (4)
Perennial. Herb. Ht 0.5–2 m. Alt 5–1830 m. B, LIM, NW, G, M, S, KZN, EC

stoloniferum (L.f.) Willd.
H. retortum (L.) Willd. var. *minus* DC. (2)
Xeranthemum stoloniferum L.f. (2)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 1200–1920 m. WC

striatum (Thunb.) Thunb. = **Syncarpha striata**

strictum (Lam.) Druce = **H. splendidum**

subfalcatum Hilliard
Perennial. Herb. Ht 0.1–0.2 m. Alt 2100–3355 m. KZN, L

subglomeratum Less.
H. subglomeratum Less. var. *lingulatum* Harv. (2)
Perennial. Herb. Ht 0.1–0.6 m. Alt 5–3475 m. N, LIM, G, M, FS, KZN, L, EC

subglomeratum Less. var. *imbricatum* DC. = **H. albansense**

subglomeratum Less. var. *lingulatum* Harv. = **H. subglomeratum**

subluteum Burt Davy
Perennial. Herb. Ht 0.15–0.35 m. Alt 1500–2440 m. LIM, M, S, KZN, L, EC

subulifolium Harv. = **H. harveyanum**

summo-montanum I.Verd.
H. andersoniense Burt Davy (2)
Perennial. Shrub. Ht 0.3–1 m. Alt 2000–2450 m. M

sutherlandii Harv.
H. pulvinatum O.Hoffm. ex Kuntze (2)
H. sutherlandii Harv. var. *semiglabrum* N.E.Br. (2)
Perennial. Shrub, dwarf shrub, herb. Ht 0.06–0.4 m. Alt 1310–3355 m. M, FS, KZN, L

sutherlandii Harv. var. *semiglabrum* N.E.Br. = **H. sutherlandii**

swynnertonii S.Moore
Perennial. Dwarf shrub, herb. Ht 0.1–0.15 m. Alt 915–2200 m. M, KZN, EC

tenax M.D.Hend. var. **pallidum** Hilliard & B.L.Burt
Perennial. Shrub, herb. Ht 0.3–1.8 m. Alt 1500–1700 m. KZN, EC

tenax M.D.Hend. var. **tenax**
H. fulgidum (L.f.) Willd. var. *subnudatum* DC. (2)
Perennial. Shrub, herb. Ht 0.3–1.9 m. Alt 1300–3355 m. KZN, L, EC

tenuiculum DC.
Perennial. Dwarf shrub, herb. Ht 0.15–0.6 m. Alt 650–1500 m. WC, EC

tenuiculum in sense of Hilliard, not of DC. = **H. melanacme**

tenuifolium Killick
Perennial. Shrub. Ht 0.6–2.1 m. Alt 1650–2745 m. KZN

teretifolium (L.) D.Don
Gnaphalium teretifolium L. (2)
H. teretifolium (L.) D.Don var. *natalense* Harv. (2)
Perennial. Shrub, dwarf shrub. Ht 0.1–0.3 m. Alt 5–1645 m. KZN, WC, EC

teretifolium (L.) D.Don var. *natalense* Harv. = **H. teretifolium**

thapsus (Kuntze) Moeser
Gnaphalium thapsus Kuntze (2)
H. lanatomarginatum Markötter (2)
Perennial. Herb. Ht 0.3–0.6 m. Alt 760–1700 m. LIM, M, S, KZN, EC

tinctum (Thunb.) Hilliard & B.L.Burt
Gnaphalium tinctum Thunb. (2)
Leontonyx bicolor DC. (2)
Leontonyx coloratus Cass. (2)
Leontonyx glomeratus (L.) DC. (2)
Annual, occ. perennial. Herb. Ht 0.01–0.1 m. Alt 250–1675 m. NC, WC, EC

tomentosulum (Klatt) Merxm. subsp. **aromaticum** (Dinter) Merxm.
H. aromaticum Dinter (2)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.2 m. Alt 915–1005 m. N, NC

tomentosulum (Klatt) Merxm. subsp. **tomentosulum**
H. benguellense Hiern var. *latifolium* S.Moore ex Moeser (2)
Stenocline tomentosula Klatt (2)
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 500–2135 m. N, B

tongense Hilliard
Biennial. Herb. Ht 0.5–1.2 m. Alt 5–55 m. S, KZN

transmontanum Hilliard
Perennial. Shrub. Ht 0.5–1.5 m. Alt 1200–1525 m. LIM, M, S

transvalense Staner = **H. acutatum**

tricastatum (Thunb.) Less.
Gnaphalium tricastatum Thunb. (2)
Perennial. Shrub. Ht 1–2 m. Alt 240–455 m. NC, WC

trilineatum DC.
Perennial. Shrub, dwarf shrub. Ht 0.15–1.2 m. Alt 1250–3355 m. KZN, L, EC

truncatum Burt Davy
Perennial. Herb. Ht 0.15–0.35 m. Alt 1370–2150 m. LIM, M, S

tysonii Hilliard
Annual. Herb. Ht 0.01–0.03 m. Alt 1800–2000 m. WC, EC

umbellatum (Turcz.) Harv. = **H. marifolium**

umbraculigerum Less.
H. coactum M.D.Hend. (2)

Perennial. Herb. Ht 0.25–1 m. Alt 5–2440 m. LIM, M, FS, KZN, L, EC
undatum (J.F.Gmel.) Less. = **H. nudifolium** var. **oxyphyllum**
undatum (J.F.Gmel.) Less. var. *agrostophilum* (Klatt) Moeser = **H. pallidum**
undatum (J.F.Gmel.) Less. var. *pallidum* (DC.) Harv. = **H. pallidum**
uninervium Burt Davy
 Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 1100–2075 m. LIM, G, M
variegatum Thunb. = **Syncarpha variegata**
vellereum R.A.Dyer = **Vellereophyton vellereum**
vernum Hilliard
 Perennial. Herb. Ht 0.1–0.3 m. Alt 1675–2895 m. KZN, L
versicolor O.Hoffm. & Muschl.
 Annual. Herb. Ht 0.1–0.4 m. Alt 5–50 m. WC, EC
vestitum (L.) Willd. = **Syncarpha vestita**
virgatum (P.J.Bergius) Willd. = **Syncarpha stachelina**
viscidissimum Hutch. = **H. pumilio** subsp. **fleckii**
viscidissimum Hutch. var. *volkii* Merxm. = **H. pumilio** subsp. **fleckii**
wilmsii Moeser
 Perennial. Shrub, dwarf shrub. Ht 0.25–0.9 m. Alt 1060–1980 m. LIM, M, S
witbergense Bolus
H. splendidum (Thunb.) Less. var. *basuticum* E.Phillips (2)
 Perennial. Shrub, dwarf shrub. Ht 0.1–0.9 m. Alt 2600–3475 m. L, EC
woodii N.E.Br.
 Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 600–915 m. KZN
xerochrysum DC.
 Perennial. Herb. Ht 0.3–1 m. Alt 670–1465 m. KZN, EC
zeyheri Less.
H. zeyheri Less. var. *burchellii* (DC.) Harv. (2)
H. zeyheri Less. var. *intermedium* (DC.) Harv. (2)
 Perennial. Shrub, dwarf shrub. Ht 0.1–1 m. Alt 185–2479 m. N, B, LIM, NW, FS, L, NC, WC, EC
zeyheri Less. var. *burchellii* (DC.) Harv. = **H. zeyheri**
zeyheri Less. var. *intermedium* (DC.) Harv. = **H. zeyheri**
zwartbergense Bolus
 Perennial. Herb. Ht 0.01–0.03 m. Alt 1200–2200 m. WC, EC

HELIPTERUM DC. 9000000
affine B.Nord. = **Syncarpha affinis**
argyropsis DC. = **Syncarpha argyropsis**
brachypterum Levyns = **Syncarpha zeyheri**
canescens (L.) DC. var. *canescens* = **Syncarpha canescens** subsp. **canescens**
canescens (L.) DC. var. *leucolepis* DC. = **Syncarpha canescens** subsp. **leucolepis**
canescens (L.) DC. var. *tricolor* DC. = **Syncarpha canescens** subsp. **tricolor**

citrinum (Less.) Harv. & Sond., illegitimate name = **Syncarpha affinis**
dregeanum DC. = **Syncarpha dregeana**
eximium (L.) DC. = **Syncarpha eximia**
fasciculatum (Andrews) DC. = **Edmondia fasciculata**
ferrugineum (Lam.) DC. = **Syncarpha ferruginea**
filiforme (D.Don) DC. = **Edmondia sesamoides**
flavum Compton = **Syncarpha flava**
gnaphaloides (L.) DC. = **Syncarpha gnaphaloides**
humile (Andrews) DC. = **Edmondia pinifolia**
humile (Andrews) DC. var. *pinifolium* (Lam.) DC. = **Edmondia pinifolia**
loganianum Compton = **Syncarpha loganiana**
marlothii Schltr. = **Syncarpha marlothii**
milleflorum (L.f.) Druce = **Syncarpha milleflora**
montanum B.Nord. = **Syncarpha montana**
phlomoides (Lam.) DC. = **Syncarpha milleflora**
sesamoides (L.) DC. = **Edmondia sesamoides**
speciosissimum (L.) DC. var. *angustifolium* DC. = **Syncarpha speciosissima** subsp. **angustifolia**
speciosissimum (L.) DC. var. *speciosissimum* = **Syncarpha speciosissima** subsp. **speciosissima**
variegatum (P.J.Bergius) DC. = **Syncarpha variegata**
virgatum (P.J.Bergius) DC. in sense of most authors, not *Xeranthemum virgatum* P.J.Bergius (1767) = **Syncarpha stachelina**
zeyheri Sond. = **Syncarpha zeyheri**

HERTIA Less. 9377000

Compiled by P.P.J. Herman

- (1) Kuntze. 1891. *Revisio generum plantarum* 1: 344.
- (2) Fourcade. 1940. *Memoirs of the Botanical Survey of South Africa* No. 20: 27.
- (3) Merxmüller. 1967. *FSWA* 139: 99, 100.
- (4) Herman *et al.* 1997. *List of southern African succulent plants*: 39.
- (5) Herman. 1998. *Bothalia* 28: 192.

alata (Thunb.) Kuntze

Doria alata Thunb. (1, 2)

Perennial. Shrub, succulent. Ht 0.3–1.3 m. Alt 320–1372 m. WC, EC

ciliata (Harv.) Kuntze

Doria ciliata Harv. (1, 3)

Othonna dinteri Muschl. ex Dinter (3)

Othonna macrocephala Muschl. ex Dinter (3)

Perennial. Shrub, succulent. Ht 0.15–0.6 m. Alt 800–1435 m. N, NW, FS, NC, EC

cluytiifolia (DC.) Kuntze

Doria cluytiifolia DC. (1)

Perennial. Shrub, succulent. Ht 0.45–1.5 m. Alt 465–1524 m. NC, EC

cneorifolia (DC.) Kuntze = **Lopholaena cneorifolia**

kraussii (Sch.Bip.) Fourc.

Doria kraussii Sch.Bip. (2)

Perennial. Shrub. Ht 0.3–1.25 m. Alt 60–1450 m. NC, WC, EC

kuntzei O.Hoffm. ex Kuntze = **Senecio lydenburgensis**

natalensis O.Hoffm. ex Kuntze = **Senecio affinis**

pallens (DC.) Kuntze

Othonna albicaulis Dinter (3)
Othonna muschleriana Dinter (3)
Othonna pallens DC. (1, 3)
 Perennial. Shrub, succulent. Ht 0.3–1 m. Alt 460–1435 m. N, NW, FS, NC, EC

HETERACTIS DC. 8882020
falcata DC. = **Gymnostephium ciliare**

HETEROLEPIS Cass. 9057000

Compiled by P.P.J. Herman

- (1) Harvey. 1865. *FC* 3: 469.
- (2) Druce. 1917. *Report of the Botanical Exchange Club of the British Isles* 1916: 628.
- (3) Merxmüller. 1950. *Mitteilungen der Botanischen Staatssammlung München* 1: 38, 39.

aliena (L.f.) Druce

H. decipiens Cass. (2, 3)
Minurothamnus phagnalooides DC. (3)
Oedera aliena L.f. (1, 2)

Perennial. Dwarf shrub or suffrutex. Ht 0.25–0.91 m. Alt 30–1500 m. WC

decipiens Cass. = **H. aliena**

mitis (Burm.) DC.

Gorteria mitis Burm. (1)

Perennial. Herb or suffrutex. Ht? Alt? EC

peduncularis DC.

Perennial. Dwarf shrub or suffrutex. Ht 0.2–1 m. Alt 50–430 m. WC

HETEROMMA Benth. 8931000

Compiled by P.P.J. Herman

- (1) Hilliard. 1977. *Compositae in Natal*: 100–102.

decurrens (DC.) O.Hoffm.

Chrysocoma decurrens DC. (1)
Chrysocoma decurrens DC. var. *pteroaula* (DC.) Harv. (1)
Chrysocoma pterocaula DC. (1)
Senecio evansii N.E.Br. (1)

Perennial. Herb. Ht 0.76–2.4 m. Alt up to 2485 m. FS, KZN, L, EC

crookii (O.Hoffm. & Muschl.) Hilliard & B.L.Burtt

Pentheriella crookii O.Hoffm. & Muschl. (1)

Perennial. Herb or shrub. Ht 0.8–1.2 m. Alt 1800–2225 m. FS, KZN

simplicifolium J.M.Wood & M.S.Evans

Perennial. Herb. Ht 0.91–1.06 m. Alt 1800–2500 m. KZN, EC

HETERORHACHIS Sch.Bip. 9438020
 ex Walp.

Compiled by E. Retief

- (1) Roessler. 1959. *Mitteilungen der Botanischen Staatssammlung München* 3: 312–315.
- (2) Goldblatt & Manning. 2000. *Strelitzia* 9: 336.

aculeata (Burm.f.) Roessler

Berkheya eryngiifolia Less. (1)
Berkheya palmata (Thunb.) Willd. (1)
Berkheya pinnata (Thunb.) Less. (1)
Carlina aculeata Burm.f. (1)
Crocodylodes eryngiifolium (Less.) Kuntze (1)
Crocodylodes palmatum (Thunb.) Kuntze (1)
Crocodylodes pinnatum (Thunb.) Kuntze (1)
H. spinosissima Sch.Bip. ex Walp. (1)

Rohria palmata Thunb. (1)
Stobaea pinnata Thunb. (1)

Perennial. Dwarf shrub. Ht 0.3–0.65 m. Alt ± 640 m. NC

spinosissima Sch.Bip. ex Walp. = **Heterorhachis aculeata**

HIERACIUM L. 9607000

capense L. = **Tolpis capensis**

polyodon Fr. = **Crepis hypochaeridea**

HILLIARDIA B.Nord. 9339020

Compiled by P.P.J. Herman

- (1) Nordenstam. 1987. *Opera Botanica* 92: 147–151.

zuurbergensis (Oliv.) B.Nord.

Matricaria zuurbergensis Oliv. (1)

Perennial. Suffrutex. Ht 0.5–2 m. Alt 500–2000 m. KZN, EC

HIPPIA L. 9357000

Compiled by P.P.J. Herman

- (1) Harvey. 1865. *FC* 3: 170, 171.
- (2) Druce. 1917. *Report of the Botanical Exchange Club of the British Isles* 1916: 628.
- (3) Hutchinson. 1917. *Annals of the South African Museum* 9: 394, 395.
- (4) Hutchinson. 1918. *Kew Bulletin* 1918: 178–181.
- (5) Compton. 1940. *Journal of South African Botany* 6: 60, 61.
- (6) Merxmüller. 1951. *Mitteilungen der Botanischen Staatssammlung München* 1: 79, 80.

bicolor (Roth) Smith = **Dichrocephala integrifolia** subsp. **integrifolia**

bolusae Hutch.

Perennial. Herb or suffrutex. Ht 0.15–0.6 m. Alt 152–2100 m. WC, EC

frutescens (L.) L.

Tanacetum frutescens L. (1, 4)

Perennial. Shrub or suffrutex. Ht 0.15–1.5 m. Alt 10–1150 m. WC, EC

gracilis Less. = **H. pilosa**

hirsuta DC.

Perennial. Suffrutex. Ht up to 0.3 m. Alt 1000–1065 m. WC

hutchinsonii Merxm.

Perennial. Shrub or suffrutex. Ht 0.45–0.9 m. Alt 0–1200 m. WC

integrifolia Less.

Perennial. Suffrutex. Ht up to 0.3 m. Alt 1219–1615 m. WC

integrifolia L.f. = **Dichrocephala integrifolia** subsp. **integrifolia**

montana Compton

Perennial. Suffrutex. Ht up to 0.5 m. Alt 610–1280 m. WC

pilosa (P.J.Bergius) Druce

H. gracilis Less. (2, 4)
Tanacetum pilosum P.J.Bergius (1, 2, 4)

Perennial. Suffrutex or herb. Ht 0.1–1 m. Alt 20–1645 m. WC, EC

trilobata Hutch.

Perennial. Suffrutex. Ht 0.15–0.3 m. Alt 400–500 m. WC

HIRPICIUM Cass. 9435000

Compiled by E. Retief

- (1) Roessler. 1959. *Mitteilungen der Botanischen Staatssammlung München* 3: 333–363.

- (2) Hilliard. 1977. *Compositae in Natal*: 545–547.
 (3) Pope. 1992. *FZ* 6,1: 246–252.
 (4) Retief & Herman. 1997. *Strelitzia* 6: 322.
 (5) Goldblatt & Manning. 2000. *Strelitzia* 9: 336.

alienatum (Thunb.) Druce

H. echinulatum Cass. (1)
Oedera alienata Thunb. (1)

Perennial. Dwarf shrub. Ht 1–1.5 m. Alt 100–1372 m.
 N, NC, WC

armerioides (DC.) Roessler

Gazania armerioides DC. (1)
H. armerioides (DC.) Roessler subsp. *rudatisii* Roessler (2)

Perennial. Herb. Ht 0.04–0.3 m. Alt 245–3475 m. M,
 FS, KZN, L, EC

armerioides (DC.) Roessler subsp. *rudatisii* Roessler =
H. armerioides

bechuanense (S.Moore) Roessler

Berkheyopsis bechuanensis S.Moore (1)
Berkheyopsis brevisquama Mattf. (1)
Berkheyopsis rehmannii Thell. (1)

Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 248–1400
 m. B, LIM, NW, G, M

echinulatum Cass. = **H. alienatum**

echinus Less.

Berkheyopsis echinus (Less.) O.Hoffm. (1)
Berkheyopsis kuntzei O.Hoffm. (1)
Gazania burchellii DC. (1)

Perennial. Herb. Ht 0.05–0.4 m. Alt 400–1380 m. N,
 FS, NC

gazanioides (Harv.) Roessler

Berkheya gazanioides Harv. (1)
Berkheyopsis pechuelii (Kuntze) O.Hoffm. (1)

Annual. Herb. Ht 0.15–0.4 m. Alt 320–1450 m. N, B,
 NC

gorterioides (Oliv. & Hiern) Roessler subsp. **gorterioides**

Berkheya gorterioides Oliv. & Hiern (1)
Berkheyopsis angolensis O.Hoffm. (1)
Berkheyopsis gorterioides (Oliv. & Hiern) Thell. (1)
Berkheyopsis gossweileri S.Moore (1)
Berkheyopsis langii Bremek. & Oberm. (1)

Annual. Herb. Ht 0.05–0.45 m. Alt 940–1450 m. N, B

gorterioides (Oliv. & Hiern) Roessler subsp. **schinzii** (O.Hoffm.) Roessler

Berkheyopsis schinzii O.Hoffm. (1)

Annual. Herb. Ht 0.2–0.3 m. Alt 1090–1500 m. N

integrifolium (Thunb.) Less.

Gazania integrifolia (Thunb.) Spreng. (1)
Gorteria integrifolia Thunb. (1)

Perennial. Dwarf shrub. Ht 0.2–0.45 m. Alt 215–565
 m. WC

linearifolium (Bolus) Roessler

Berkheyopsis linearifolia (Bolus) Burt Davy (1)
Gazania linearifolia Bolus (1)

Perennial. Herb. Ht 0.1–0.2 m. Alt 1500–2340 m. M, S

HOLOPHYLLUM Less. 9326040

capitatum (L.) Less. = **Athanasia capitata**

capitatum (L.) Less. var. *glabratum* DC. = **Athanasia capitata**

lanuginosum (Cav.) DC. = **Athanasia capitata**

scabrum DC. = **Athanasia capitata**

HOMOCHAETE Benth. 9053010

conferta Benth. = **Macowania conferta**

dinteriana Muschl. ex Dinter = **Antiphonia pinnatisecta**

HOMOCHROMA DC. 8839000

ecklonis DC. = **Zyrphelis ecklonis**

HOPLOPHYLLUM DC. 8749000

Compiled by N. Netnou

(1) Harvey. 1865. *FC* 3: 53, 54.

(2) Karis. 1992. *Taxon* 41: 193–198.

ferox Sond.

Perennial. Shrub. Ht up to 1 m. Alt up to 400 m. WC

spiniosum DC.

Perennial. Shrub. Ht 0.5–1.7 m. Alt 60–450 m. WC

HUMEA Sm. 9019010

infausta (J.M.Wood & M.S.Evans) S.Moore = **Heli-chrysum infaustum**

HYDROIDEA P.O.Karis 9043020

Compiled by M. Koekemoer

(1) Karis. 1990. *Botanical Journal of the Linnean Society* 102: 23–36.

elsiae (Hilliard) P.O.Karis

Atrichantha elsiae Hilliard (1)

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 700–1200
 m. WC

HYMENOLEPIS Cass. 9327000

Compiled by P.P.J. Herman

(1) Bremer & Källersjö. 1985. *Nordic Journal of Botany* 5: 517–520.

(2) Källersjö. 1985. *Nordic Journal of Botany* 5: 534.

cynopus K.Bremer & Källersjö

Perennial. Shrub. Ht 0.5–5 m. Alt 980–1460 m. WC

dentata (DC.) Källersjö

Athanasia schizolepis Harv. (1, 2)
Oligodora dentata DC. (1, 2)

Perennial. Shrub. Ht 0.91–1.5 m. Alt 915–2075 m.
 WC

dregeana DC. = **Inulanthera dregeana**

gnidioides (S.Moore) Källersjö

Phaeocephalus gnidioides S.Moore (1, 2)

Perennial. Shrub. Ht 0.5–3 m. Alt 575–1525 m. WC

incisa DC.

Athanasia incisa (DC.) Harv. (1, 2)

Perennial. Shrub. Ht 0.5–1.5 m. Alt 425–3500 m. WC

indivisa (Harv.) Källersjö

Athanasia indivisa Harv. (1, 2)

Perennial. Shrub. Ht up to 1.3 m. Alt 305–850 m. EC

leptocephala Cass. = **H. parviflora**

leuoclada DC. = **Inulanthera leuoclada**

parviflora (L.) DC.

Athanasia parviflora L. (1, 2)

H. leptocephala Cass. (1)

Perennial. Shrub. Ht 0.5–5 m. Alt 10–1000 m. NC,
 WC

punctata DC. = **Inulanthera dregeana**

speciosa (Hutch.) Källersjö

Athanasia speciosa Hutch. (1, 2)

Perennial. Shrub. Ht 0.45–1.5 m. Alt 762–1830 m.
 WC

HYOSERIS L. 9563000

tenella Thunb. = **Hypochoeris glabra**

HYPERICOPHYLLUM Steetz 9262000

Compiled by N. Netnou

(1) Pope. 1975. *Kirkia* 10,1: 108–110.**elatum** (O.Hoffm.) N.E.Br.*Jaumea elata* O.Hoffm. (1)

Annual. Herb. Ht up to 1 m. Alt 580–765 m. LIM

***HYPOCHAERIS** L. 9572000

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 599–603.(2) Pope. 1992. *FZ* 6,1: 192–194.(3) Jeffrey & Beentje. 2000. *FTEA* Compositae (Part 1): 73–75.**brasiliensis** (Less.) Griseb.*Porcellites brasiliensis* Less. (1)

Perennial. Herb. Ht up to 1 m. Alt 400–1750 m. G, FS, KZN, WC, EC

brasiliensis (Less.) Griseb. var. **albiflora** Kuntze = **H.****microcephala** var. **albiflora***capensis* Less. = **H. glabra****glabra** L.*Hyoseris tenella* Thunb. (1)*H. capensis* Less. (1)

Annual. Herb. Ht 0.2–0.5 m. Alt 50–1800 m. KZN, L, WC, EC

microcephala (Sch.Bip.) Cabrera var. **albiflora** (Kuntze) Cabrera*H. brasiliensis* (Less.) Griseb. var. **albiflora** Kuntze (1)

Perennial. Herb. Ht 0.2–0.5 m. Alt 600–1700 m. G, FS, KZN, EC

radicata L.

Perennial. Herb. Ht up to 0.6 m. Alt 50–2200 m. LIM, G, M, S, FS, KZN, L, WC, EC

IFLOGA Cass. 8967000

Compiled by P.P.J. Herman

(1) Hilliard. 1981. *Botanical Journal of the Linnean Society* 82: 293–303.*ambigua* (L.) Druce = **Trichogyne ambigua***ambigua* Thell. = **I. thellungiana****anomala** Hilliard

Annual. Herb. Ht 0.02–0.15 m. Alt 10–800 m. WC

aristulata Thell. = **I. glomerata***candida* Hilliard = **Trichogyne candida***decumbens* (Thunb.) Schltr. = **Trichogyne decumbens***disticha* (L.f.) Druce = **Trichogyne ambigua****glomerata** (Harv.) Schltr.*I. aristulata* Thell. (1)*Trichogyne glomerata* Harv. (1)

Annual. Herb. Ht 0.03–0.2 m. Alt 200–1600 m. N, NW, FS, L, NC, WC, EC

laricifolia (Lam.) Schltr. = **Trichogyne ambigua****molluginoides** (DC.) Hilliard*Comptonanthus molluginoides* (DC.) B.Nord. (1)*Helichrysum scleranthoides* S.Moore (1)*Lasiopogon micropoides* DC. var. β Harv. (1)*Lasiopogon molluginoides* DC. (1)

Annual. Herb. Length 0.02–0.25 m. Alt 40–1500 m. N, NC, WC

paronychioides (DC.) Fenzl = **Trichogyne paronychioides***pilulifera* Schltr. = **Trichogyne pilulifera***polycnemoides* Fenzl = **Trichogyne polycnemoides***reflexa* (L.f.) Schltr. = **Trichogyne repens***repens* (L.) Hilliard & B.L.Burttt = **Trichogyne repens***seriphioides* Schltr., illegitimate name = **Trichogyne ambigua****thellungiana** Hilliard & B.L.Burttt*I. ambigua* Thell. (1)

Annual. Herb. Ht 0.01–0.02 m. Alt 200–1000 m. WC

verticillata (L.f.) Fenzl = **Trichogyne verticillata***woodii* (N.E.Br.) B.L.Burttt = **Trichogyne decumbens****INEZIA** E.Phillips 9337010

Compiled by P.P.J. Herman

(1) Phillips. 1932. *Kew Bulletin* 1932: 297, 298.(2) Brusse. 1989. *Bothalia* 19: 27–29.**integrifolia** (Klatt) E.Phillips*Lidbeckia integrifolia* Klatt (1)

Perennial. Herb. Ht 0.2–0.6 m. Alt 650–2000 m. M, S

speciosa Brusse

Perennial. Herb. Ht up to 0.45 m. Alt 1500–1700 m. LIM

INULA L. 9061000

Compiled by P.P.J. Herman

(1) Desfontaines. 1799. *Flora atlantica* 2: 275.(2) Oliver & Hiern. 1877. *FTA* 3: 357–359.(3) Burttt Davy. 1935. *Kew Bulletin* 1935: 570.(4) Wild. 1980. *Kirkia* 12: 38–45.*aromatica* L. = **Printzia aromatica***capensis* Spreng. = **Pulicaria scabra***cernua* P.J.Bergius = **Printzia polifolia***foetida* L. = **Nidorella foetida****glomerata** Oliv. & Hiern

Perennial. Herb, occ. climber. Ht 0.76–2 m. Alt 780–1600 m. LIM, M

graveolens (L.) Desf. = **Dittrichia graveolens***indica* L. = **Pentanema indicum***lanceolata* (Harv.) O.Hoffm. ex Burttt Davy & Pott-Leendertz = **Pegolettia lanceolata****paniculata** (Klatt) Burttt Davy*Monactinocephalus paniculatus* Klatt (3, 4)

Perennial. Herb. Ht up to 2 m. Alt 1097–1500 m. LIM, M

petrosa Klatt ex Range = **Pentatrichia petrosa***pinifolia* L. = **Senecio pinifolius***rehmii* Merxm. = **Pentatrichia rehmii****INULANTHERA** Källersjö 9326010

Compiled by P.P.J. Herman

(1) Killick. 1976. *The Flowering Plants of Africa* 43: t. 1699.(2) Hilliard. 1977. *Compositae in Natal*: 333–342.(3) Källersjö. 1985. *Nordic Journal of Botany* 5: 539, 540.**calva** (Hutch.) Källersjö*Athanasia calva* Hutch. (3)

Perennial. Shrub. Ht 0.35–1.5 m. Alt 600–2000 m. LIM, M, S, FS, KZN

coronopifolia (Harv.) Källersjö*Athanasia coronopifolia* Harv. (3)

- Perennial. Herb. Ht up to 0.75 m. Alt 1675–1800 m.
KZN
- dregeana** (DC.) Källersjö
Athanasia dregeana (DC.) Harv. (3)
Athanasia punctata (DC.) Harv. (3)
Hymenolepis dregeana DC. (3)
Hymenolepis punctata DC. (1, 2, 3)
Perennial. Shrub. Ht 0.3–2 m. Alt 90–2315 m. FS,
KZN, EC
- leuoclada** (DC.) Källersjö
Athanasia leuoclada (DC.) Harv. (3)
Hymenolepis leuoclada DC. (3)
Perennial. Shrub. Ht 0.6–1.2 m. Alt 5–1830 m. KZN,
EC
- montana** (J.M.Wood) Källersjö
Athanasia montana J.M.Wood (3)
Perennial. Shrub. Ht up to 0.6 m. Alt 1500–2285 m.
KZN
- thodei** (Bolus) Källersjö
Athanasia thodei Bolus (3)
Perennial. Shrub. Ht 0.45–1.5 m. Alt 2350–3170 m.
KZN, L, EC
- tridens** (Oliv.) Källersjö
Athanasia tridens Oliv. (3)
Perennial. Herb. Ht up to 0.25 m. Alt 1525–2435 m.
KZN, EC
- IOCASTE** E.Mey. 9336020
acicularis E.Mey. ex Harv. = **Phymaspermum acicu-
lare**
- IPHIONA** Cass. 9065000
acuminata (DC.) Benth. ex B.D.Jacks. = **Pegolettia
retrofracta**
baccaridifolia (Less.) Benth. & Hook.f. ex Dinter =
Pegolettia baccaridifolia
dentata (Bolus) Bolus = **Anisothrix kuntzei**
fragrans Merxm. = **Antiphiona fragrans**
integra Compton = **Anisothrix integra**
pinnatisecta S.Moore = **Antiphiona pinnatisecta**
retrofracta (Thunb.) Druce = **Pegolettia retrofracta**
- JACOBAEA** Adans. 9411070
angustifolia Thunb. = **Senecio angustifolius**
mucronata Thunb. = **Senecio mucronatus**
nivea Thunb. = **Senecio niveus**
persicifolia Thunb. = **Senecio persicifolius**
vestita Thunb. = **Senecio vestitus**
- JACOBAEASTRUM** Kuntze 9417010
abrotanifolium (L.) Kuntze = **Euryops abrotanifolius**
algoense (DC.) Kuntze = **Euryops algoensis**
asparagoides (Licht. ex Less.) Kuntze = **Euryops
asparagoides**
athanasiae (L.f.) Kuntze = **Euryops speciosissimus**
calvescens (DC.) Kuntze = **Euryops calvescens**
candollei (Harv.) Kuntze = **Euryops candollei**
diversifolium (Harv.) Kuntze = **Euryops abrotanifolius**
- dregeanum* (Sch.Bip.) Kuntze = **Euryops dregeanus**
empetrifolium (DC.) Kuntze = **Euryops empetrifolius**
lateriflorum (L.f.) Kuntze = **Euryops lateriflorus**
lineare (Harv.) Kuntze = **Euryops linearis**
linifolium (L.) Kuntze = **Euryops linifolius**
longipes (DC.) Kuntze = **Euryops longipes** var. **longi-
pes**
oligoglossum (DC.) Kuntze = **Euryops oligoglossus**
subsp. **oligoglossus**
pectinatum (L.) Kuntze = **Euryops pectinatus**
punctatum (DC.) Kuntze = **Euryops subcarnosus**
subsp. **subcarnosus**
serra (DC.) Kuntze = **Euryops serra**
spathaceum (DC.) Kuntze = **Euryops spathaceus**
subcarnosum (DC.) Kuntze = **Euryops subcarnosus**
subsp. **subcarnosus**
subsessile (Sch.Bip.) Kuntze = **Euryops lateriflorus**
sulcatum (Thunb.) Kuntze = **Euryops sulcatus**
tenuissimum (L.) Kuntze = **Euryops tenuissimus**
trifidum (L.f.) Kuntze = **Euryops trifidus**
trifurcatum (L.f.) Kuntze = **Euryops tenuissimus**
subsp. **trifurcatus**
trilobum (Harv.) Kuntze = **Euryops trilobus**
virgineum (L.f.) Kuntze = **Euryops virgineus**
- JACQUEMONTIA** Bél. 9421020
ericifolia Bél. = **Euryops ericifolius**
- JAUMEA** Pers. 9262010
elata O.Hoffm. = **Hypericophyllum elatum**
- KAULFUSSIA** Nees 8881010
amelloides Nees = **Felicia heterophylla**
ciliata Spreng. = **Felicia tenella** subsp. **longifolia**
strigosa Spreng.f. = **Felicia ovata**
- KENTROPHYLLUM** Neck. 9477010
lanatum (L.) DC. = **Carthamus lanatus**
- KLEINIA** Mill. 9411050
Compiled by P.P.J. Herman
(1) Candolle. 1838. *Prodromus* 6: 336, 337.
(2) Hooker. 1866. *Curtis's Botanical Magazine* 92: t. 5590.
(3) Hooker. 1892. *Journal of Horticultural and Practical Gardening*
ser. 3: 3.
(4) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 28.
(5) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 179.
(6) Stapf. 1925. *Curtis's Botanical Magazine* 150: t. 9030.
(7) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 332.
(8) Henderson. 1963. *The Flowering Plants of Africa* 36: t. 1414.
(9) Jeffrey. 1986. *Kew Bulletin* 41: 923–929, 935, 936.
(10) Halliday. 1988. *Hooker's Icones Plantarum* 39: 1–135.
(11) Herman *et al.* 1997. *List of southern African succulent plants*: 39.
(12) Herman & Condy. 2001. *Flowering Plants of Africa* 57: 92–95, t.
2177.
(13) Smith *et al.* 2001. *Flowering Plants of Africa* 57: 96–102, t. 2178.
- acaulis* (L.f.) DC. = **Senecio acaulis**
aizoides DC. = **Senecio aizoides**
archeri Compton = **Senecio toxotis**

- articulata* (L.) Haw. = **Senecio articulatus**
breviscapa DC. = **Senecio cicatricosus**
cephalophora Compton
Senecio cephalophorus (Compton) H.Jacobsen (9)
 Perennial. Suffrutex, succulent. Ht 0.15–0.6 m. Alt ± 610 m. N, NC
crassulaefolia DC. = **Senecio crassulaefolius**
ficoides (L.) Haw. = **Senecio ficoides**
fulgens Hook.f.
Notonia fulgens (Hook.f.) Guillaumin (10)
Notonia welwitschii (O.Hoffm.) Hiern (10)
Notoniopsis fulgens (Hook.f.) B.Nord. (10)
Senecio fulgens (Hook.f.) G.Nicholson (9, 10)
Senecio hookerianus H.Jacobsen (10)
Senecio welwitschii O.Hoffm. (10)
 Perennial. Suffrutex, succulent. Ht 0.6–0.9 m. Alt 45–1220 m. LIM, G, M, S, KZN
galpinii Hook.f.
Notoniopsis galpinii (Hook.f.) B.Nord. (10, 12)
Senecio galpinii (Hook.f.) H.Jacobsen (12)
Senecio galpinii (Hook.f.) Hook.f. (10, 12)
 Perennial. Suffrutex, succulent. Ht 0.6–1 m. Alt 600–1525 m. LIM, M, S, KZN
haworthii (Sweet) DC. = **Senecio haworthii**
longiflora DC.
Senecio longiflorus (DC.) Sch.Bip. (9, 13)
 Perennial. Shrub, succulent. Ht 0.22–2 m. Alt 250–1880 m. N, B, LIM, NW, G, M, S, FS, NC, WC, EC
ovoidea Compton = **Senecio ovoideus**
pinguifolia DC. = **Senecio pinguifolius**
pusilla (Dinter) Merxm. = **Senecio sulcalyx**
radicans (L.f.) Haw. = **Senecio radicans**
repens L. = **Senecio serpens**
stapeliiformis (E.Phillips) Stapf
Senecio stapeliiformis E.Phillips (9, 10)
 Perennial. Herb, succulent. Ht 0.2–0.3 m. Alt 460–1465 m. LIM, G, M

KLENZEA Sch.Bip. 9056010

lycopodioides Sch.Bip. = **Dolichothrix ericoides**

LACHNOSPERMUM Willd. 9045000

Compiled by M. Koekemoer

- (1) Baillon. 1888. *The Natural History of Plants* 8: 1–316.
- (2) Hilliard & Burt. 1981. *Botanical Journal of the Linnean Society* 82: 181–232.
- (3) Koekemoer. 2002. *Systematics of the Metalasia group in the Relhaniae*. Unpublished Ph.D. thesis, Rand Afrikaans University.

ericifolium Willd. = **L. fasciculatum**

fasciculatum (Thunb.) Baillon

L. ericifolium Willd. (3)

L. neglectum Schltr. (3)

Stahelina fasciculata Thunb. (1)

Perennial. Shrub. Ht 0.3–0.6 m. Alt 0–900 m. WC

imbricatum (P.J.Bergius) Hilliard

Metalasia imbricata (P.J.Bergius) Harv. (2)

Metalasia uniflora D.Don (2)

Metalasia virgata Compton (2)

Stahelina imbricata P.J.Bergius (2)

Perennial. Shrub. Ht 0.5–0.8 m. Alt 0–100 m. WC

neglectum Schltr. = **L. fasciculatum**

umbellatum (L.f.) Pillans

Gnaphalium umbellatum L.f. (2)

Metalasia umbellata (L.f.) D.Don (2)

Perennial. Shrub. Ht 0.2–0.6 m. Alt 300–800 m. WC

LACTUCA L. 9596000

Compiled by P.P.J. Herman

(1) Forsskål. 1775. *Flora aegyptiaco-arabica* 5: 144.

(2) Jeffrey. 1966. *Kew Bulletin* 18: 436–457.

(3) Merxmüller. 1967. *FSWA* 140: 1, 2.

(4) Hilliard. 1977. *Compositae in Natal*: 629–633.

(5) Pope. 1992. *FZ* 6,1: 196–209.

capensis Thunb. = **L. inermis**

dregeana DC.

Perennial. Herb. Ht 0.4–1.2 m. Alt 1400–1700 m. FS, NC

***indica** L.

Annual or biennial. Herb. Ht up to 4 m. Alt 0–1200 m. KZN

inermis Forssk.

L. capensis Thunb. (5)

L. pallidocoerulea Dinter (5)

Perennial. Herb. Ht up to 1 m. Alt 100–2200 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

intybacea Jacq. = **Launaea intybacea**

nana Baker = **Launaea nana**

pallidocoerulea Dinter = **L. inermis**

scariola L. = **L. serriola**

***serriola** L.

L. scariola L. (4)

L. virosa of author, not of L., concept invalid (4)

Biennial or perennial. Herb. Ht up to 2 m. Alt 15–1800 m. B, LIM, NW, G, FS, KZN, L, NC, WC, EC

tysonii (E.Phillips) C.Jeffrey

Sonchus scapiforme Thell. (4)

Sonchus tysonii E.Phillips (4)

Perennial. Herb. Ht up to 0.5 m. Alt 300–2500 m. KZN, EC

virosa of author, not of L., concept invalid = **L. serriola**

LAEVICARPA (Koekemoer) 9039020
 Koekemoer

Compiled by M. Koekemoer

(1) Koekemoer. 1993. *Bothalia* 23: 197–206.

(2) Koekemoer. 2002. *Systematics of the Metalasia group in the Relhaniae*. Unpublished Ph.D. thesis, Rand Afrikaans University.

Note: *Disparago* section *Laevicarpa* Koekemoer (1)

kolbei (Bolus) Koekemoer

Amphiglossa kolbei Bolus (2)

Disparago kolbei (Bolus) Hutch. (2)

Disparago rosea Hutch. (1)

Perennial. Shrub. Ht 0.1–0.7 m. Alt 1200–1900 m. WC, EC

LAGGERA Benth. 8940000

Compiled by P.P.J. Herman

(1) Wild. 1968–69. *Kirkia* 7: 129, 130.

(2) Hilliard. 1977. *Compositae in Natal*: 114–116.

(3) Anderberg. 1991. *Plant Systematics and Evolution* 176: 161.

(4) Beentje. 2002. *FTEA Compositae* (Part 2): 352–356.

alata of authors, not (D.Don) Sch.Bip. ex Oliv. = **L. crispata**

aurita (L.f.) Sch.Bip. ex C.B.Clarke = **Pseudoconyza viscosa**

- crispata** (Vahl) Hepper & J.R.I. Wood
Blumea alata of authors, not of (D. Don) DC. (1, 2, 4)
Blumea crispata (Vahl) Merxm. (3, 4)
Blumea pterodonta DC. (1, 2, 3, 4)
Erigeron alatum D. Don (1, 2, 3)
L. alata of authors, not of (D. Don) Sch. Bip. ex Oliv. (1, 3, 4)
L. pterodonta (DC.) Sch. Bip. ex Oliv. (2, 3, 4)
 Annual. Herb. Ht 0.3–2 m. Alt 230–1675 m. N, B, LIM, NW, G, M, S, KZN, EC
- decurrens** (Vahl) Hepper & J.R.I. Wood
Blumea decurrens (Vahl) Merxm. (3)
Blumea gariiepina DC. (3)
L. gariiepina (DC.) Randeria, illegitimate name (1)
 Perennial. Herb. Ht 0.25–2 m. Alt 3–1830 m. N, B, LIM, NW, G, M, KZN, NC
- dinteri* Thell. ex Merxm. = **Nicolasia nitens** var. **nitens gariiepina** (DC.) Randeria, illegitimate name = **L. decurrens**
- humilis* O. Hoffm. = **Nicolasia felicioides**
- lyrata* (Humb., Bonpl. & Kunth) Leins = **Pseudoconyza viscosa**
- makarikariensis* Bremek. & Oberm. = **Nicolasia stenoptera** subsp. **makarikariensis**
- pterodonta* (DC.) Sch. Bip. ex Oliv. = **L. crispata**
- stenoptera* O. Hoffm. = **Nicolasia stenoptera** subsp. **stenoptera**
- LAMPROCEPHALUS** B. Nord. 9411080
 Compiled by P.P.J. Herman
 (1) Nordenstam. 1975. *Botaniska Notiser* 128: 323–326.
- montanus** B. Nord.
 Perennial. Shrub or dwarf shrub. Ht 0.2–0.5 m. Alt 1200–2100 m. WC
- LANCISIA** Lam. 9337020
bipinnata (Thunb.) Pers. = **Lasiospermum bipinnatum**
lobata (Thunb.) Pers. = **Lidbeckia quinqueloba**
pectinata (P.J. Bergius) Pers. = **Lidbeckia pectinata**
- LANDTIA** Less. 9432040
hirsuta Less. = **Haplocarpha nervosa**
nervosa (Thunb.) Less. = **Haplocarpha nervosa**
- LANGEBERGIA** Anderb. 8995010
 Compiled by P.P.J. Herman
 (1) Anderberg. 1991. *Opera Botanica* 104: 93, 94.
- canescens** (DC.) Anderb.
Anaxeton canescens (DC.) Benth. & Hook. ex B.D. Jacks. (1)
Petalacte canescens DC. (1)
 Perennial. Shrub. Ht up to 0.3 m. Alt 1000–1550 m. WC
- LANIPILA** Burch. 9321030
Lanipila (*sic*) Burch. = **Lasiospermum poteriooides**
- *LAPSANA** L. 9555000
 Compiled by P.P.J. Herman
 (1) Sell. 1976. *Flora europaea* 4: 344.
capillaris L. = **Crepis capillaris**
communis L. (insufficiently known)
- LASIOCOMA** Bolus 9417020
petrophiloides (DC.) Bolus = **Euryops multifidus**
petrophiloides of author, not of (DC.) Bolus, also not Compton = **Euryops cuneatus**
- LASIOPOGON** Cass. 8987000
 Compiled by P.P.J. Herman
 (1) Hilliard. 1983. *FSA* 33,7,2: 5–12.
 (2) Herman *et al.* 1997. *List of southern African succulent plants*: 39.
- brachypteris** O. Hoffm. ex Zahlbr.
Comptonanthus brachypteris (O. Hoffm. ex Zahlbr.) B. Nord. (1)
 Annual. Herb. Ht 0.01–0.05 m. Alt 305–2500 m. NC, WC
- debilis** (Thunb.) Hilliard
Comptonanthus subcarinosus B. Nord. (1)
Gnaphalium debile Thunb. (1)
 Annual. Herb, succulent. Length ± 0.15 m. Alt 500–2000 m. WC
- glomerulatus** (Harv.) Hilliard
Gnaphalium araneosum S. Moore (1)
Gnaphalium glomerulatum Harv. (1)
 Annual. Herb, prostrate. Length 0.01–0.08 m. Alt 61–1005 m. N, NW, FS, NC, WC, EC
- micropoides** DC.
 Annual. Herb, prostrate or decumbent. Length up to 0.15 m. Alt 230–1065 m. N, NC
- micropoides* DC. var. β Harv. = **Ifloga molluginoides**
- minutus** (B. Nord.) Hilliard & B.L. Burt
Gnaphalium minutum B. Nord. (1)
 Annual. Herb. Ht 0.015–0.04 m. Alt? WC
- molluginoides* DC. = **Ifloga molluginoides**
- muscooides** (Desf.) DC.
Gnaphalium muscooides Desf. (1)
 Annual. Herb, prostrate or decumbent. Length 0.01–0.15 m. Alt 610–1585 m. N, FS, NC, WC, EC
- ponticulus** Hilliard
 Annual. Herb, prostrate or decumbent. Length 0.01–0.08 m. Alt 100–1500 m. N, NC
- volkii** (B. Nord.) Hilliard
Gnaphalium volkii B. Nord. (1)
 Annual. Herb, prostrate. Length 0.03–0.1 m. Alt 100–1500 m. N
- LASIOPIUS** Cass. 9528030
ambiguus Cass. = **Gerbera ambigua**
- LASIOSPERMUM** Lag. 9321000
 Compiled by P.P.J. Herman
 (1) Harvey. 1865. *FC* 3: 153, 154.
 (2) Druce. 1917. *Report of the Botanical Exchange Club of the British Isles* 1916: 631.
 (3) Hutchinson. 1946. *A botanist in southern Africa*: 140.
 (4) Bremer & Humphries. 1993. *Bulletin of the Natural History Museum, Botany* 23: 94.
 (5) Müller *et al.* 2001. *FSA* 33,4,1: 64–73.
- bipinnatum** (Thunb.) Druce
Lancisia bipinnata (Thunb.) Pers. (5)
Lidbeckia bipinnata Thunb. (5)
Mataxa capensis Spreng. (5)
Matricaria bipinnata (Thunb.) Spreng. (5)
 Perennial. Herb. Ht up to 0.6 m. Alt 120–2400 m. NW, G, FS, L, NC, WC, EC

brachyglossum DC.

Annual. Herb. Ht 0.1–0.4 m. Alt 120–2000 m. N, NC, WC

erectum (Lam.) Druce = **L. pedunculare**

eriospermum (Pers.) G.Don = **L. pedunculare**

pedunculare Lag.

Eriocarpa peduncularis Lag. ex DC. (5)

Eriosphaera multifida F.Dietr. (5)

L. erectum (Lam.) Druce (5)

L. eriospermum (Pers.) G.Don (5)

Santolina alpina Bertol. (5)

Santolina erecta Lam. (1, 5)

Santolina eriosperma Pers. (1, 5)

?*Santolina pinnata* Donn (5)

Perennial. Herb. Ht 0.15–0.2 m. Alt 300–1500 m. NC, WC

poterioides Hutch.

Lanipila (sic) Burch. (5)

Perennial. Herb. Ht 0.1–0.3 m. Alt 1500–2500 m. NC

LAUNAEA Cass.

9593000

Compiled by P.P.J. Herman

(1) Jeffrey. 1966. *Kew Bulletin* 18: 463–477.

(2) Merxmüller. 1967. *FSWA* 140: 2, 3.

(3) Hilliard. 1977. *Compositae in Natal*: 619–621.

(4) Pope. 1992. *FZ* 6,1: 214–221.

(5) Kilian. 1997. *Englera* 17: 1–478.

(6) Jeffrey & Beentje. 2000. *FTEA Compositae* (Part 1): 98–108.

bellidifolia Cass. = **L. sarmentosa**

gorensis (Lam.) O.Hoffm. = **L. intybacea**

intybacea (Jacq.) P.Beauv.

Lactuca intybacea Jacq. (1, 5)

L. gorensis (Lam.) O.Hoffm. (1, 4, 5, 6)

Sonchus gorensis Lam. (2, 4, 5, 6)

Annual or biennial. Herb. Ht 0.3–2 m. Alt 300–1500 m. N, B, LIM

nana (Baker) Chiov.

Lactuca nana Baker (1, 5)

Perennial. Herb. Ht up to 0.05 m. Alt 500–800 m. LIM, M, KZN

rarifolia (Oliv. & Hiern) Boulos

Sonchus lanifer Dinter (2, 5, 6)

Sonchus rarifolius Oliv. & Hiern (1, 5)

Perennial. Herb. Ht 0.1–0.9 m. Alt 700–1900 m. N, B, NW, G, M, S, KZN, EC

sarmentosa (Willd.) Sch.Bip. ex Kuntze

L. bellidifolia Cass. (1, 5)

Microrhynchus dregeanus DC. (1, 5)

Prenanthes sarmentosa Willd. (1, 5)

Perennial. Herb. Length up to 1 m. Alt 0–10 m. KZN, EC

LEONTODON L.

9574000

bessarabicus Hornem. = **Taraxacum bessarabicum**

serotinus Waldst. & Kit. = **Taraxacum serotinum**

LEONTONYX Cass.

9008000

angustifolius DC. = **Helichrysum litorale**

bicolor DC. = **Helichrysum tinctum**

coloratus Cass. = **Helichrysum tinctum**

glomeratus (L.) DC. = **Helichrysum tinctum**

pumilio O.Hoffm. = **Helichrysum pumilio** subsp. **pumilio**

ramosissimum O.Hoffm. = **Helichrysum lucilioides**

spathulatus Less. = **Helichrysum litorale**

squarrosus DC. = **Helichrysum spiralepis**

tomentosus Cass. = **Helichrysum spiralepis**

LEPIDOSTEPHIUM Oliv.

9340000

Compiled by P.P.J. Herman

(1) Kroner. 1980. *Mitteilungen der Botanischen Staatssammlung München* 16: 102–107, 197–205.

asteroides (Bolus & Schltr.) Kroner

Athrixia asteroides Bolus & Schltr. (1)

Printzia asteroides Schltr. ex Bews (1)

Perennial. Herb. Ht 0.45–0.6 m. Alt 1100–1950 m. KZN, EC

denticulatum Oliv.

Perennial. Herb. Ht 0.4–0.55 m. Alt 900–1800 m. EC

LEPISIPHON Turcz.

9427030

dentatus Turcz. = **Chrysanthemoides monilifera** subsp. **monilifera**

LEPTOTHAMNUS DC.

8929010

ciliaris DC. = **Nolletia ciliaris**

rarifolius Turcz. = **Nolletia rarifolia**

LEUCANTHEMUM Kuntze

9098010

asteriscoides (L.) Kuntze = **Osmitopsis asteriscoides**

***LEUCANTHEMUM** Mill.

9341080

Compiled by P.P.J. Herman

(1) Heywood. 1976. *Flora europaea* 4: 174–177.

(2) Hilliard. 1977. *Compositae in Natal*: 349, 350.

(3) Soreng & Cope. 1991. *Baileya* 23: 145–165.

(4) Bremer & Humphries. 1993. *Bulletin of the Natural History Museum, Botany* 23: 141.

vulgare Lam.

Chrysanthemum leucanthemum L. (1)

Perennial. Herb. Ht 0.3–1 m. Alt 1050–2500 m. M, KZN, EC

LEUCOPTERA B.Nord.

9341020

Compiled by P.P.J. Herman

(1) Nordenstam. 1976. *Botaniska Notiser* 129: 140–147.

nodosa (Thunb.) B.Nord.

Arctotis nodosa Thunb. (1)

Chrysanthemum leptophyllum DC. (1)

Chrysanthemum nodosum (Thunb.) DC. (1)

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 0–1500 m. NC, WC

oppositifolia B.Nord.

Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 0–500 m. WC

subcarnosa B.Nord.

Chrysanthemum leptophyllum DC. var. *indivisum* DC. (1)

Perennial. Dwarf shrub. Length up to 0.5 m. Alt 0–500 m. WC

LEYSERA L.

9052000

Compiled by M. Koekemoer

(1) Bremer. 1978. *Botaniska Notiser* 131: 369–383.

gnaphalodes (L.) L.

Asteropterus dinteri Rothm. (1)
Asteropterus gnaphalodes (L.) Rothm. (1)
Asteropterus gracilis Rothm. (1)
Asteropterus incanus (Thunb.) Rothm. (1)
Callisia gnaphalodes L. (1)
L. incana Thunb. (1)
L. tenuifolia Salisb. (1)
 Perennial. Shrub, dwarf shrub. Ht 0.02–0.5 m. Alt 30–1900 m. N, NC, WC, EC

incana Thunb. = **L. gnaphalodes**

longipes K.Bremer = **Comborhiza longipes**

montana Bolus = **Oreoleysera montana**

ovata Thunb. = **Felicia ovata**

picta Thunb. = **Dicoma picta**

polifolia (L.) Thunb. = **Printzia polifolia**

tenella DC.

Asteropterus tenellus (DC.) Rothm. (1)

Annual, occ. perennial. Herb. Ht 0.01–0.45 m. Alt 300–1500 m. N, FS, NC, WC, EC

tenuifolia Salisb. = **L. gnaphalodes**

tridactyla E.Mey. ex DC. = **Amellus tridactylus** subsp. **tridactylus**

LIDBECKIA P.J.Bergius 9337000

Compiled by P.P.J. Herman

- (1) Harvey. 1865. *FC* 3: 154, 155.
- (2) Bremer & Humphries. 1993. *Bulletin of the Natural History Museum, Botany* 23: 146.
- (3) Goldblatt & Manning. 2000. *Strelitzia* 9: 339.

bipinnata Thunb. = **Lasiospermum bipinnatum**

capensis J.F.Gmel. = **L. pectinata**

integrifolia Klatt = **Inezia integrifolia**

lobata Thunb. = **L. quinqueloba**

pectinata P.J.Bergius

Lancisia pectinata (P.J.Bergius) Pers. (1)

L. capensis J.F.Gmel. (1)

Perennial. Suffrutex. Ht 0.5–1 m. Alt 400–1890 m. WC

quinqueloba (L.f.) Cass.

Cotula quinqueloba L.f. (1, 2)

Lancisia lobata (Thunb.) Pers. (1, 2)

L. lobata Thunb. (2)

Perennial. Suffrutex. Ht 0.3–0.5 m. Alt up to 1360 m. WC

LINZIA Walp. 8751030

glabra Steetz var. *glabra* = **Vernonia glabra** var. **glabra**

glabra Steetz var. *laxa* Steetz = **Vernonia glabra** var. **laxa**

LIPOTRICHE R.Br. 9204010

brownii of author, not of DC., concept invalid = **Melanthera scandens** subsp. **dregei**

LITOGYNE Harv. 8953010

Compiled by P.P.J. Herman

- (1) Hilliard. 1977. *Compositae in Natal*: 119, 120.
- (2) Wild. 1980. *Kirkia* 12: 35, 36.
- (3) Anderberg. 1991. *Plant Systematics and Evolution* 176: 168.

gariiepina (DC.) Anderb.

Epalties alata (Sond.) Steetz (3)

Epalties gariiepina (DC.) Steetz (3)

Ethulia alata Sond. (2)

Ethulia gariiepina DC. (3)

L. glabra Harv. (3)

Perennial. Herb or dwarf shrub. Ht up to 1 m. Alt 5–1500 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

glabra Harv. = **L. gariiepina**

LOPHOLAENA DC. 9401000

Compiled by P.P.J. Herman

- (1) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 346.
- (2) Phillips & Smith. 1934. *Transactions of the Royal Society of South Africa* 21: 221–238.
- (3) Merxmüller. 1967. *FSWA* 139: 110.
- (4) Hilliard. 1977. *Compositae in Natal*: 365–367.
- (5) Brusse. 1991. *Nordic Journal of Botany* 11: 79–83.

bainesii (Oliv. & Hiern) S.Moore = **L. coriifolia**

cneorifolia (DC.) S.Moore

Doria cneorifolia DC. (2, 3)

Hertia cneorifolia (DC.) Kuntze (2, 3)

Othonna avasimontana Dinter (3)

Othonna cneorifolia (DC.) Sch.Bip. (2, 3)

Senecio avasimontanus Dinter (3)

Perennial. Shrub, succulent. Ht 0.3–1.5 m. Alt 640–2400 m. N, NC

coriifolia (Sond.) E.Phillips & C.A.Sm.

L. bainesii (Oliv. & Hiern) S.Moore (2)

L. randii S.Moore (2)

Othonna coriifolia Sond. (2)

Perennial. Shrub, succulent. Ht 0.3–2 m. Alt 765–1830 m. LIM, NW, G, M, S

disticha (N.E.Br.) S.Moore

Othonna disticha N.E.Br. (2, 4)

Perennial. Herb or shrub, succulent. Ht 0.2–1.5 m. Alt 335–2285 m. LIM, M, S, KZN

dregeana DC.

Perennial. Herb, succulent. Ht 0.4–1 m. Alt 500–1220 m. KZN, EC

festiva Brusse

Perennial. Shrub. Ht 1.35–1.55 m. Alt 1100–1600 m. LIM

longipes (Harv.) Thell.

Doria longipes Harv. (2)

Perennial. Shrub. Ht? Alt? NC?

platyphylla Benth.

Perennial. Shrub. Ht 0.6–2 m. Alt 395–1400 m. S, KZN

randii S.Moore = **L. coriifolia**

segmentata (Oliv.) S.Moore

Senecio segmentatus Oliv. (2, 4)

Perennial. Herb, succulent. Ht 0.6–1 m. Alt 450–2100 m. M, S, KZN

LYSICHLAMYS Compton 9417030

erecta Compton = **Euryops erectus**

muirii (C.A.Sm.) Compton = **Euryops muirii**

MACLEDIUM Cass. 9501010

Compiled by N. Netnou & P.P.J. Herman

- (1) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 88.
- (2) Smith. 1927. *Bothalia* 2: 365.
- (3) Hilliard. 1977. *Compositae in Natal*: 582–586.
- (4) Pope. 1991. *Kew Bulletin* 46: 699–709.
- (5) Pope. 1992. *FZ* 6,1: 29–44.
- (6) Ortíz & Rodríguez-Oubiña. 1997. *Bothalia* 27: 48, 49.
- (7) Ortíz. 2001. *Taxon* 50,3: 733–744.

burmanni Cass., illegitimate name = **M. spinosum**

kirkii (Harv.) S.Ortíz subsp. **kirkii**

Dicoma kirkii Harv. subsp. *kirkii* (7)

Perennial. Herb. Ht 0.18–1 m. Alt? B?

latifolium (DC.) S.Ortíz

Dicoma latifolia DC. (7)

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 215–1046 m. WC

pretoriense (C.A.Sm.) S.Ortíz

Dicoma pretoriensis C.A.Sm. (7)

Perennial. Herb. Ht ± 0.1 m. Alt ± 1363 m. G

relhanioides (Less.) S.Ortíz

Dicoma relhanioides Less. (7)

Perennial. Dwarf shrub. Ht up to 1.5 m. Alt ± 600 m. WC

sessiliflorum (Harv.) S.Ortíz subsp. **sessiliflorum** var.

membranaceum (S.Moore) S.Ortíz

Dicoma membranacea S.Moore (7)

Dicoma sessiliflora Harv. subsp. *sessiliflora* var. *membranacea* (S.Moore) S.Ortíz & Rodr.Oubiña (7)

Perennial. Herb. Ht ± 0.2 m. Alt? N

speciosum (DC.) S.Ortíz

Dicoma speciosa DC. (7)

Perennial. Herb. Ht up to 1 m. Alt 460–1100 m. KZN

spinosum (L.) S.Ortíz

Dicoma burmannii (Cass.) Less., illegitimate name (7)

Dicoma diacanthoides Less. (7)

Dicoma spinosa (L.) Druce (7)

Helichrysum spinosum (L.) Willd. (7)

M. burmanni Cass., illegitimate name (7)

Xeranthemum spinosum L. (7)

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 15–1372 m. WC, EC

zeyheri (Sond.) S.Ortíz subsp. **argyrophyllum** (Oliv.) S.Ortíz

Dicoma argyrophylla Oliv. (7)

Dicoma zeyheri Sond. subsp. *argyrophylla* (Oliv.) G.V.Pope (7)

Perennial. Herb. Ht up to 0.5 m. Alt 40–1220 m. KZN, EC

zeyheri (Sond.) S.Ortíz subsp. **zeyheri**

Dicoma kirkii Harv. var. *microcephala* S.Moore (7)

Dicoma thyrsoflora (Klatt) Thell. & Schinz (7)

Dicoma zeyheri Sond. subsp. *zeyheri* (7)

Dicoma zeyheri Sond. var. *thyrsoflora* Klatt (7)

Perennial. Herb. Ht up to 0.4 m. Alt 505–2000 m. LIM, NW, G, M, KZN

MACOWANIA Oliv.

9053000

Compiled by P.P.J. Herman

(1) Hilliard & Burt. 1976. *Notes from the Royal Botanic Garden Edinburgh* 34: 260–276.

(2) Hilliard. 1977. *Compositae in Natal*: 262–269.

(3) Hilliard & Burt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42: 230–232.

(4) Anderberg. 1991. *Opera Botanica* 104: 51.

conferta (Benth.) E.Phillips

Homochaete conferta Benth. (1, 2)

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 1500–1830 m. KZN, EC

corymbosa M.D.Hend.

Perennial. Shrub. Ht 0.3–1.5 m. Alt 1525–2590 m. KZN

deflexa Hilliard & B.L.Burt

Perennial. Shrub. Ht up to 0.75 m. Alt 2100–2200 m. KZN

glandulosa N.E.Br.

Perennial. Dwarf shrub. Ht up to 0.22 m. Alt 1830–2080 m. KZN

hamata Hilliard & B.L.Burt

Perennial. Shrub. Ht up to 1 m. Alt 1800–2134 m. KZN

pinifolia (N.E.Br.) Kroner

Athrixia pinifolia N.E.Br. (4)

Perennial. Shrub. Ht up to 1 m. Alt 1300–3000 m. KZN, L

pulvinaris N.E.Br.

Perennial. Dwarf shrub. Ht 0.45–0.9 m. Alt 1220–2950 m. KZN, L, EC

revoluta Oliv.

Perennial. Shrub. Ht 1.21–1.5 m. Alt 650–1200 m. EC

sororis Compton

Perennial. Dwarf shrub. Ht 0.1–1.21 m. Alt 2133–3000 m. KZN, L

stypelioides (DC.) Kroner = **Arrowsmithia stypelioides**

tenuifolia M.D.Hend.

Perennial. Shrub. Ht 0.6–1 m. Alt up to 1980 m. LIM, G, M, KZN

MAIRIA Nees

8883000

Compiled by P.P.J. Herman

(1) Lessing. 1832. *Synopsis generum Compositarum*: 166.

(2) Nees von Esenbeck. 1832. *Genera et species Asterearum*: 247.

(3) Candolle. 1836. *Prodromus* 5: 217.

(4) Harvey. 1865. *FC* 3: 64–66.

(5) Bolus. 1897. *Hooker's Icones Plantarum* 6: t. 2541.

(6) Nesom. 1994. *Phytologia* 76: 90, 91.

(7) Goldblatt & Manning. 2000. *Strelitzia* 9: 339.

burchellii DC. = **Zyrphelis burchellii**

coriacea Bolus

Perennial. Herb. Ht up to 0.3 m. Alt up to 780 m. WC

corymbosa Harv. = **Gymnostephium papposum**

crenata (Thunb.) Nees

Arnica crenata Thunb. (4, 6)

Aster crenatus (Thunb.) Less. (4, 6)

Gerbera crenata (Thunb.) Ker Gawl. (6)

Zyrphelis crenata (Thunb.) Kuntze (6)

Perennial. Herb. Ht up to 0.1 m. Alt 365–1525 m. WC

decumbens Schltr. = **Zyrphelis decumbens**

ecklonis (DC.) Sond. = **Zyrphelis ecklonis**

felicoides Hutch. & Corbishley = **Felicia ovata**

foliosa Harv. = **Zyrphelis foliosa**

hirsuta DC.

Zyrphelis hirsuta (DC.) Kuntze (6)

Perennial. Herb. Ht up to 0.3 m. Alt 610–765 m. WC

lasiocarpa DC. = **Zyrphelis lasiocarpa**

microcephala (Less.) DC. = **Zyrphelis microcephala**

montana Schltr. = **Zyrphelis montana**

perezoides (Less.) Nees = **Zyrphelis perezoides**

taxifolia (L.) DC. = **Zyrphelis taxifolia**

***MANTISALCA** Cass.

9476010

Compiled by E. Retief

(1) Dostál. 1976. *Flora europaea* 4: 254.

salmantica (L.) Briq. & Cavill.

Centaurea salmantica L. (1)
Microlonchus salmanticus (L.) DC. (1)
 Annual. Herb. Ht 0.4–1 m. Alt 5–1000 m. WC, EC

MARASMODES DC. 9370000

Compiled by P.P.J. Herman

- (1) Hutchinson. 1916. *Kew Bulletin* 1916: 171, 172.
- (2) Compton. 1946. *Journal of South African Botany* 12: 87–89.
- (3) Källersjö. 1988. *Botanical Journal of the Linnean Society* 96: 306.
- (4) Goldblatt & Manning. 2000. *Strelitzia* 9: 339.

adenosolen Harv. = **Cymbopappus adenosolen**

duemmeri Bolus ex Hutch.

Perennial. Shrub. Ht 0.15–0.4 m. Alt ± 100 m. WC

oligocephala DC.

M. polycephala DC. var. *oligocephala* (DC.) Harv. (1)

Perennial. Shrub. Ht 0.3–0.4 m. Alt 75–1525 m. WC

polycephala DC.

Oligodorella teretifolia Turcz. (1)

Perennial. Shrub. Ht up to 0.3 m. Alt 18–1100 m. WC

polycephala DC. var. *oligocephala* (DC.) Harv. = **M. oligocephala**

undulata Compton

Perennial. Shrub. Ht up to 0.4 m. Alt 90–1340 m. WC

MATAXA Spreng. 9321010

capensis Spreng. = **Lasiospermum bipinnatum**

MATRICARIA L. 9339000

acutiloba (DC.) Harv. = **Myxopappus acutilobus**

africana P.J.Bergius = **Oncosiphon africanum**

albida (DC.) Fenzl ex Harv. = **Foveolina dichotoma**

albidiformis Thell. = **Foveolina albidiformis**

andreae E.Phillips = **Cotula andreae**

bipinnata (Thunb.) Spreng. = **Lasiospermum bipinnatum**

capensis L. = **Oncosiphon africanum**

dichotoma (DC.) Fenzl ex Harv. = **Foveolina dichotoma**

glabrata (Thunb.) DC. = **Oncosiphon glabratum**

globifera (Thunb.) Fenzl ex Harv. = **Oncosiphon piluliferum**

grandiflora (Thunb.) Fenzl ex Harv. = **Oncosiphon grandiflorum**

hirsutifolia S.Moore = **Foveolina dichotoma**

hirta (Thunb.) DC. = **Oncosiphon africanum**

multiflora Fenzl ex Harv. = **Oncosiphon suffruticosum**

nigellifolia DC. var. *nigellifolia* = **Cotula nigellifolia**
 var. *nigellifolia*

nigellifolia DC. var. *tenuior* DC. = **Cotula nigellifolia**
 var. *tenuior*

otaviensis Dinter = **Rennera eenii**

pilifera Thell. = **Cymbopappus piliferus**

pilulifera (L.f.) Druce = **Oncosiphon piluliferum**

pinnatifida Klatt = **Anisopappus pinnatifidus**

sabulosa Wolley-Dod = **Oncosiphon sabulosum**

schinziana Thell. = **Foveolina schinziana**

schlechteri Bolus ex Schltr. = **Oncosiphon schlechteri**

tenella DC. = **Foveolina tenella**

zuurbergensis Oliv. = **Hilliardia zuurbergensis**

***MELANTHERA Rohr** 9204000

Compiled by N. Netnou

- (1) Wild. 1966. *Kirkia* 5,1: 1–17.
- (2) Wild. 1967. *Kirkia* 6,1: 48–54.

albinervia O.Hoffm. subsp. **albinervia**

Aspilia eylesii S.Moore (1)

M. gossweileri S.Moore (1)

Annual. Herb. Ht up to 1 m. Alt? N, B

biflora (L.) Wild

Verbesina biflora L. (1)

Wedelia biflora (L.) Wight (1)

Perennial. Climber or decumbent herb. Ht up to 1 m.
 Alt 1–5 m. KZN

gossweileri S.Moore = **M. albinervia** subsp. **albinervia**

madagascariensis Baker = **M. scandens** subsp. **madagascariensis**

marlothiana O.Hoffm. = **M. triternata**

rivicola Muschl. ex Dinter = **M. triternata**

scandens (Schumach. & Thonn.) Roberty subsp. **dregei**
 (DC.) Wild

Lipotriche brownii of author, not of DC., concept invalid (1)

Psathurochaeta dregei DC. (1)

Trigonotheca natalensis Sch.Bip. (1)

Annual. Herb. Ht up to 1 m. Alt 5–915 m. M, S, KZN,
 EC

scandens (Schumach. & Thonn.) Roberty subsp. **madagascariensis** (Baker) Wild

M. madagascariensis Baker (1)

Annual or perennial. Herb. Ht up to 1.3 m. Alt up to
 940 m. N, B

schinziana S.Moore = **M. triternata**

seineri Muschl. ex Dinter = **M. triternata**

triternata (Klatt) Wild

M. marlothiana O.Hoffm. (1)

M. rivicola Muschl. ex Dinter (2)

M. schinziana S.Moore (2)

M. seineri Muschl. ex Dinter (2)

M. varians Hiern (1)

Wedelia triternata Klatt (1)

Annual. Herb. Ht up to 1 m. Alt 660–1525 m. N, B,
 LIM, M

varians Hiern = **M. triternata**

METALASIA R.Br. 9043000

Compiled by M. Koekemoer

- (1) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 381–400.
- (2) Pillans. 1954. *Journal of South African Botany* 20: 47–90.
- (3) Dyer. 1976. *The Flowering Plants of Africa* 43: t. 1719.
- (4) Karis. 1989. *Opera Botanica* 99: 1–150.

acuta P.O.Karis

Perennial. Shrub, dwarf shrub. Ht 0.4–1.5 m. Alt 100–
 1300 m. WC

adunca Less.

Perennial. Shrub, dwarf shrub. Ht 0.5–1.5 m. Alt 0–
 1000 m. WC

agathosmoides Pillans

Perennial. Shrub. Ht 0.1–0.8 m. Alt 1100–1700 m.
 WC

- albescens** P.O.Karis
Perennial. Shrub. Ht 0.3–0.8 m. Alt 700–800 m. WC
- alfredii** Pillans
Perennial. Shrub. Ht 0.5–1 m. Alt 1500–1700 m. WC
- aristata** DC. = **M. densa**
- aurea** D.Don
Perennial. Shrub. Ht 0.6–1.5 m. Alt 0–1000 m. WC, EC
- barnardii** L.Bolus = **M. muraltiifolia**
- bodkinii** L.Bolus
Perennial. Shrub, dwarf shrub. Ht 0.1–0.2 m. Alt 700–800 m. WC
- bolusii** L.Bolus = **M. capitata**
- brevifolia** (Lam.) Levyns
Gnaphalium brevifolium Lam. (2)
M. erubescens DC. var. *gemmulifera* Harv. (2)
M. fasciculata (P.J.Bergius) D.Don (2)
M. intermedia DC. (4)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.2 m. Alt 0–1500 m. WC
- caespitosa** Levyns = **M. pulchella**
- calcicola** P.O.Karis
Perennial. Shrub. Ht 0.5–1 m. Alt 0–100 m. WC
- capitata** (Lam.) Less.
Gnaphalium capitatum Lam. (4)
M. bolusii L.Bolus (4)
Perennial. Shrub. Ht 0.3–1 m. Alt 0–200 m. WC
- cephalotes** DC. = **M. seriphiifolia**
- cephalotes** Levyns = **M. cephalotes**
- cephalotes** (Thunb.) Less.
Gnaphalium cephalotes Thunb. (2)
M. cephalotes Levyns (2)
Perennial. Shrub. Ht 0.1–1 m. Alt 300–1200 m. WC
- compacta** Zeyh. ex Sch.Bip.
Perennial. Shrub. Ht 0.5–1.35 m. Alt 0–700 m. WC
- concinna** Harv. = **M. fastigiata**
- confusa** Pillans
Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt 500–1300 m. WC
- cymbifolia** Harv.
M. decora L.Bolus (2)
Perennial. Shrub, dwarf shrub. Ht 0.3–0.5 m. Alt 200–900 m. WC
- decora** L.Bolus = **M. cymbifolia**
- densa** (Lam.) P.O.Karis
Gnaphalium densum Lam. (4)
M. aristata DC. (4)
M. muricata (L.) D.Don in part (4)
M. polyanthos (Thunb.) D.Don (4)
M. stricta Less. (4)
Perennial. Shrub. Ht 0.5–2.5 m. Alt 0–2550 m. LIM, M, S, FS, KZN, L, NC, WC, EC
- depressa** Harv. = **M. divergens** subsp. **divergens**
- distans** (Schrank) DC.
Gnaphalium distans Schrank (4)
Perennial. Shrub. Ht 0.4–0.8 m. Alt 1200–1400 m. WC
- divergens** (Thunb.) D.Don subsp. **divergens**
Gnaphalium divergens Thunb. (4)
M. depressa Harv. (4)
Perennial. Shrub. Ht 0.3–0.7 m. Alt 0–1000 m. WC
- divergens** (Thunb.) D.Don subsp. **fusca** P.O.Karis
Perennial. Shrub. Ht 0.3–0.7 m. Alt 100–600 m. WC
- dregeana** DC.
Perennial. Shrub. Ht 1–2.5 m. Alt 200–1000 m. WC
- erectifolia** Pillans
Perennial. Shrub, dwarf shrub. Ht 0.3–0.5 m. Alt 0–100 m. WC
- ericoides** Sieber ex DC. = **M. muricata**
- erubescens** DC.
M. nitidula Harv. (4)
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 0–1000 m. WC
- erubescens** DC. var. *gemmulifera* Harv. = **M. brevifolia**
- fasciculata** (P.J.Bergius) D.Don = **M. brevifolia**
- fastigiata** (Thunb.) D.Don
Gnaphalium fastigiatum Thunb. (4)
M. concinna Harv. (4)
M. speciosa Hutch. (4)
Perennial. Shrub. Ht 1–2 m. Alt 700–1100 m. WC
- galpinii** L.Bolus
Perennial. Shrub. Ht 0.6–1.5 m. Alt 300–800 m. WC
- gnaphalodes** Druce = **M. pulcherrima** forma **palescens**
- humilis** P.O.Karis
Perennial. Shrub, dwarf shrub. Ht 0.1–0.2 m. Alt 700–900 m. WC
- imbricata** (P.J.Bergius) Harv. = **Lachnospermum imbricatum**
- incurva** Pillans = **M. phillipsii** subsp. **incurva**
- intermedia** DC. = **M. brevifolia**
- inversa** P.O.Karis
Perennial. Shrub, dwarf shrub. Ht 0.2–0.5 m. Alt 0–600 m. WC
- juniperoides** Pillans
Perennial. Shrub, dwarf shrub. Ht 0.1–0.3 m. Alt 400–600 m. WC
- langebergensis** Salter = **M. massonii**
- lichtensteinii** Less.
Perennial. Shrub. Ht 0.3–1.5 m. Alt 50–600 m. WC
- luteola** P.O.Karis
Perennial. Shrub. Ht 0.5–1.5 m. Alt 0–100 m. WC
- massonii** S.Moore
M. langebergensis Salter (4)
Perennial. Shrub. Ht 0.3–0.7 m. Alt 300–1700 m. WC
- montana** P.O.Karis
Perennial. Shrub, dwarf shrub. Ht 0.1–0.3 m. Alt 1200–1700 m. WC
- muraltiifolia** DC.
M. barnardii L.Bolus (4)
Perennial. Shrub. Ht 1–2.5 m. Alt 600–1900 m. WC
- muricata** (L.) D.Don
Gnaphalium muricatum L. (2)
M. ericoides Sieber ex DC. (4)
M. umbellata Cass. (2)
Perennial. Shrub. Ht 0.5–3 m. Alt 5–300 m. WC, EC
- muricata** (L.) D.Don in part = **Metalasia densa**
- nitidula** Harv. = **M. erubescens**
- octoflora** DC.
M. xanthocephala Salter (2)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt 100–500 m. WC

oligocephala P.O.Karis

Perennial. Shrub, dwarf shrub. Ht 0.2–0.5 m. Alt 300–400 m. WC

pallida Bolus

Perennial. Shrub. Ht 0.3–2 m. Alt 0–1900 m. WC

phillipsii L.Bolus subsp. **incurva** (Pillans) P.O.Karis

M. incurva Pillans (4)

Perennial. Shrub, dwarf shrub. Ht 0.2–0.5 m. Alt 1500–2100 m. WC

phillipsii L.Bolus subsp. **phillipsii**

Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt 1500–2200 m. WC

plicata P.O.Karis

Perennial. Shrub. Ht 0.5–1.5 m. Alt 200–1400 m. WC

polyanthos (Thunb.) D.Don = **M. densa****pulchella** (Cass.) P.O.Karis

M. caespitosa Levyns (4)

Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt 100–200 m. WC

pulcherrima Eckl. ex Harv. = **Stoebe gomphrenoides****pulcherrima** Less. forma **pallescens** (Harv.) P.O.Karis

M. gnaphalodes Druce (4)

M. pulcherrima Less. var. *pallescens* Harv. (4)

Perennial. Shrub. Ht 0.5–1.5 m. Alt 600–1500 m. WC

pulcherrima Less. forma **pulcherrima**

Perennial. Shrub. Ht 0.5–1.5 m. Alt 500–1200 m. WC

pulcherrima Less. var. **pallescens** Harv. = **M. pulcherrima** forma **pallescens****pungens** D.Don

Perennial. Shrub. Ht 0.5–2.5 m. Alt 0–1800 m. WC, EC

quinqueflora DC.

Perennial. Shrub, dwarf shrub. Ht 0.2–0.6 m. Alt 0–400 m. WC

rhoderoides Salter

Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt 700–1500 m. WC

riparia Salter

Perennial. Shrub. Ht 1–2.5 m. Alt 0–300 m. WC

rogersii S.Moore

Perennial. Shrub, dwarf shrub. Ht 0.1–0.3 m. Alt 1000–1500 m. WC

schlechteri L.Bolus = **Planea schlechteri****seriphiifolia** DC.

M. cephalotes DC. (4)

Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt 50–100 m. WC

seriphioides D.Don = **Trichogyne ambigua****serrata** P.O.Karis

Perennial. Shrub, dwarf shrub. Ht 0.2–0.6 m. Alt 100–500 m. WC

serrulata P.O.Karis

Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt 1200–1700 m. WC

speciosa Hutch. = **M. fastigiata****stricta** Less. = **M. densa****strictifolia** Bolus

Perennial. Shrub, dwarf shrub. Ht 0.2–0.5 m. Alt 1500–2100 m. WC

tenuifolia DC.

Perennial. Shrub, dwarf shrub. Ht 0.1–0.2 m. Alt 1500–2200 m. WC

tenuis P.O.Karis

Perennial. Shrub, dwarf shrub. Ht 0.1–0.2 m. Alt 100–1000 m. WC

tricolor Pillans

Perennial. Shrub. Ht 0.5–1 m. Alt 1200–1400 m. WC

trivialis P.O.Karis

Perennial. Shrub. Ht 0.6–3 m. Alt 5–1500 m. WC, EC

umbellata Cass. = **M. muricata****umbellata** (L.f.) D.Don = **Lachnospermum umbellatum****umbelliformis** P.O.Karis

Perennial. Shrub. Ht 0.5–1.2 m. Alt 0–100 m. WC

uniflora D.Don = **Lachnospermum imbricatum****virgata** Compton = **Lachnospermum imbricatum****xanthocephala** Salter = **M. octoflora****MICROGLOSSA** DC.

8921000

Compiled by P.P.J. Herman

(1) Grau. 1976. *Mitteilungen der Botanischen Staatssammlung München* 12: 399–401.

(2) Hilliard. 1977. *Compositae in Natal*: 78, 79.

caffrorum (Less.) Grau

Aster caffrorum Less. (1)

Felicia caffrorum (Less.) Nees (1)

Perennial. Shrub. Ht up to 1.5 m. Alt 300–700 m. EC

mespilifolia (Less.) B.L.Rob.

Aster mespilifolius Less. (2)

Erigeron natalensis Sch.Bip. (2)

Nidorella mespilifolia (Less.) DC. (2)

Perennial. Shrub. Ht 0.3–4.57 m. Alt 15–915 m. KZN, EC

MICROLONCHUS Cass.

9476030

salmanticus (L.) DC. = **Mantisalca salmantica****MICRORHYNCHUS** Sch.Bip.

9593010

dregeanus DC. = **Launaea sarmentosa****MIKANIA** Willd.

8818000

Compiled by E. Retief

(1) Hilliard. 1977. *Compositae in Natal*: 54, 55.

(2) Holmes. 1982. *Botanische Jahrbücher* 103: 211–246.

(3) King & Robinson. 1987. *Monographs in systematic botany from the Missouri Botanical Garden* 22: 419–426.

(4) Goldblatt & Manning. 2000. *Strelitzia* 9: 343.

angustifolia (O.Hoffm.) R.E.Fr. = **M. sagittifera****asparagoides** Licht. ex Less. = **Euryops asparagoides****auriculata** (Lam.) Willd. = **Senecio deltoideus****capensis** DC.

M. oxyota DC. (2)

Perennial. Climber. Ht? Alt 5–1500 m. LIM, M, S, KZN, EC

cordata in sense of Hilliard, not of (Burm.f.) B.L.Rob., misapplied name = **M. natalensis****natalensis** DC.

M. cordata in sense of Hilliard, not of (Burm.f.) B.L.Rob., misapplied name (2)

Perennial. Climber. Ht? Alt 10–840 m. KZN

oxyota DC. = **M. capensis**

sagittifera B.L.Rob.

M. angustifolia (O.Hoffm.) R.E.Fr. (2)

Perennial. Climber. Ht? Alt 950–1000 m. N, B

MIKANIOPSIS Milne-Redh. 9411100

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 499, 500.

(2) Jeffrey. 1986. *Kew Bulletin* 41: 878, 879.

cissampelina (DC.) C.Jeffrey

Cacalia cissampelina DC. (2)

Senecio cissampelinus (DC.) Sch.Bip. (2)

Perennial. Herb, climber. Ht up to 5 m. Alt 1000–2500 m. LIM, M, KZN, EC

MINUROTHAMNUS DC. 9064000

phagnaloides DC. = **Heterolepis aliena**

MIRASOLIA Sch.Bip. 9196010

diversifolia Hemsl. = **Tithonia diversifolia**

MONACTINOCEPHALUS Klatt 9061040

paniculatus Klatt = **Inula paniculata**

MONOCHLAENA Cass. 9320010

racemosus Cass. = **Eriocephalus africanus** var. **paniculatus**

***MONTANO**A La Llave & Lex. 9170000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 305.

(2) Wells *et al.* 1986. *Memoirs of the Botanical Survey of South Africa* No. 53: 360.

bipinnatifida (Kunth) K.Koch

Perennial. Herb or shrub. Ht up to 1.5 m. Alt? WC

hibiscifolia Benth.

Perennial. Shrub. Ht up to 6 m. Alt up to 155 m. KZN, EC

MONTICAPRA Koekemoer 9039030

Compiled by M. Koekemoer

(1) Koekemoer. 2002. *Systematics of the Metalasia group in the Relhaniinae*. Unpublished Ph.D. thesis, Rand Afrikaans University.

barbata (Koekemoer) Koekemoer

Disparago barbata Koekemoer (1)

Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt 1450–1550 m. WC

gongylodes (Koekemoer) Koekemoer

Disparago gongylodes Koekemoer (1)

Perennial. Shrub, dwarf shrub. Ht 0.05–0.35 m. Alt 1200–1600 m. WC

pilosa (Koekemoer) Koekemoer

Disparago pilosa Koekemoer (1)

Perennial. Shrub, dwarf shrub. Ht 0.1–0.25 m. Alt 1450–1550 m. WC

MORYSIA Cass. 9326020

acerosa DC. = **Phymaspermum acerosum**

aspera (Thunb.) Less. = **Athanasia dentata**

dentata (L.) DC. = **Athanasia dentata**

dentata (L.) DC. var. *kraussii* Sch.Bip. = **Athanasia dentata**

diversifolia Cass. = **Athanasia dentata**

fasciculata Less. = **Athanasia vestita**

juncea DC. = **Athanasia juncea**

lineariloba DC. = **Athanasia pectinata**

longifolia (Lam.) Less. = **Athanasia linifolia**

microcephala DC. = **Athanasia microcephala**

pachyphylla Sch.Bip. = **Athanasia dentata**

pauciflora DC. = **Athanasia microcephala**

spathulata DC. = **Athanasia spathulata**

velutina DC. = **Athanasia tomentosa**

MUNICHIA Cass. 8919060

brachyglossa (Cass.) Cass. = **Felicia cymbalariae** subsp. **cymbalariae**

cymbalariae (Aiton) Nees = **Felicia cymbalariae** subsp. **cymbalariae**

cymbalariae (Aiton) Nees var. *microcephala* DC. = **Felicia cymbalariae** subsp. **cymbalariae**

cymbalarioides DC. = **Felicia cymbalarioides**

hirsuta (Vent.) DC. = **Felicia cymbalariae** subsp. **cymbalariae**

MYROVERNIX Koekemoer 9041030

Compiled by M. Koekemoer

(1) Koekemoer. 2002. *Systematics of the Metalasia group in the Relhaniinae*. Unpublished Ph.D. thesis, Rand Afrikaans University.

glandulosus Koekemoer

Elytropappus glandulosus Less. (1)

Perennial. Shrub. Ht 0.2–0.6 m. Alt 1000–2000 m. WC

gnaphaloides Koekemoer

Disparago gomphrenoides Sch.Bip. (1)

Elytropappus ambiguus DC. (1)

Elytropappus canescens DC. (1)

Elytropappus glandulosus Less. var. *ambiguus* (DC.) Harv. (1)

Elytropappus gnaphaloides (L.) Levyns (1)

Elytropappus scaber Kuntze (1)

Seriphium gnaphaloides L. (1)

Perennial. Shrub. Ht 0.2–0.5 m. Alt 1000–1800 m. WC

intricata (Levyns) Koekemoer

Stoebe intricata Levyns (1)

Perennial. Shrub. Ht 0.3–1 m. Alt 700–1100 m. WC

muricata (Spreng. ex Sch.Bip.) Koekemoer

Elytropappus glandulosus Less. var. *longifolius* DC. (1)

Elytropappus glandulosus Less. var. *pallens* DC. (1)

Elytropappus longifolius (DC.) Levyns (1)

Stoebe muricata Spreng. ex Sch.Bip. (1)

Perennial. Shrub. Ht 0.4–2.5 m. Alt 600–1100 m. WC

scaber (L.f) Koekemoer

Elytropappus glandulosus Less. var. *microphyllus* DC. in part (1)

Elytropappus muricella Steud. ex Sch.Bip. (1)

Elytropappus scaber (L.f.) Druce (1)

Stoebe scabra L.f.

Perennial. Shrub, dwarf shrub. Ht 0.4–1.8 m. Alt 0–1500 m. WC

MYXOPAPPUS Källersjö 9366030

Compiled by P.P.J. Herman

(1) Källersjö. 1988. *Botanical Journal of the Linnean Society* 96: 314–316.

acutilobus (DC.) Källersjö
Matricaria acutiloba (DC.) Harv. (1)
Pentzia acutiloba (DC.) Hutch. (1)
Tanacetum acutilobum DC. (1)
 Annual. Herb. Ht 0.1–0.5 m. Alt 152–700 m. N, NC

hereroensis (O.Hoffm.) Källersjö
Pentzia galpinii Hutch. (1)
Pentzia hereroensis O.Hoffm. (1)
 Annual. Herb. Ht 0.07–0.45 m. Alt 0 m. N

NESTLERA Spreng. 9048000

Compiled by M. Koekemoer

- (1) Bremer. 1976. *Opera Botanica* 40: 1–85.
- (2) Anderberg & Bremer. 1991. *Annals of the Missouri Botanical Garden* 78: 1061–1072.

acerosa (DC.) Harv. = **Relhania acerosa**
angusta Compton = **Relhania tricephala**

biennis (Jacq.) Spreng.
Columellea biennis Jacq. (2)
N. reflexa (Thunb.) DC. (2)
Relhania biennis (Jacq.) K. Bremer (2)
Relhania reflexa Thunb. (1)
 Annual or biennial. Herb. Ht 0.05–0.5 m. Alt 60–200 m. NC, WC

conferta DC. = **Rosenia humilis**
consimilis S.Moore = **Relhania relhanioides**
corymbosa Bolus = **Relhania corymbosa**
dieterlenii E.Phillips = **Relhania dieterlenii**
dinteri Muschl. ex Dinter = **Rosenia humilis**
dregeana Harv. = **Rosenia spinescens**
garnotii (Less.) Harv. = **Relhania garnotii**
humilis Less. = **Rosenia humilis**
incana Dinter ex Merxm. = **Rosenia humilis**
levynsae Hutch. = **Rosenia oppositifolia**
minuta (L.f.) DC. = **Athanasia minuta** subsp. **minuta**
muriculata DC. = **Rosenia humilis**
oppositifolia DC. = **Rosenia humilis**
prostrata Harv. = **Rosenia oppositifolia**
reflexa (Thunb.) DC. = **N. biennis**
relhanioides Schltr. = **Relhania relhanioides**
rosenioides Hutch. ex Compton = **Rosenia humilis**
spinescens (DC.) Druce = **Rosenia spinescens**
tenuifolia DC. = **Relhania garnotii**
tricephala (DC.) Harv. = **Relhania tricephala**
virgata N.E.Br. = **Comborhiza virgata**

NEWTONIA O.Hoffm. 9374010

angolensis O.Hoffm. = **Distephanus angolensis**

NICOLASIA S.Moore 8951000

Compiled by P.P.J. Herman

- (1) Merxmüller. 1954. *Mitteilungen der Botanischen Staatssammlung München* 2: 1–10.
- (2) Merxmüller. 1967. *FSWA* 139: 113–117.
- (3) Leins. 1971. *Mitteilungen der Botanischen Staatssammlung München* 9: 107.
- (4) Wild. 1980. *Kirkia* 12: 26–32.
- (5) Beentje. 2002. *FTEA Compositae* (Part 2): 349–352.

affinis S.Moore = **N. heterophylla** subsp. **affinis**

costata (Klatt) Thell.
N. lugardii N.E.Br. ex S.Moore (1, 2, 4)
Nolletia costata Klatt (1, 2, 4)
 Perennial. Herb. Ht 0.05–0.3 m. Alt 900–1005 m. N, B

felicoides (Hiern) S.Moore
Athrixia felicoides Hiern (1, 2, 4)
Laggera humilis O.Hoffm. (1, 2, 4)
 Perennial. Herb. Ht 0.05–0.5 m. Alt? N

heterophylla S.Moore subsp. **affinis** (S.Moore)
 Merxm.
N. affinis S.Moore (1, 2)
 Perennial. Herb. Ht 0.12–0.3 m. Alt 1000–2000 m. N

heterophylla S.Moore subsp. **heterophylla**
Blumea suessenguthii Merxm. (1, 2)
 Perennial. Herb. Ht 0.2–0.4 m. Alt 1000–2000 m. N

lugardii N.E.Br. ex S.Moore = **N. costata**
nitens (O.Hoffm.) Eyles var. **nitens**
Laggera dinteri Thell. ex Merxm. (1, 2)
N. quinqueseta O.Hoffm. ex Thell. (3, 4, 5)
Pluchea nitens O.Hoffm. (3, 4, 5)
 Annual, occ. perennial. Herb. Ht 0.35–0.5 m. Alt 950–1300 m. N, B, LIM

pedunculata S.Moore subsp. **pedunculata** (4)
N. vedderiana Dinter ex Merxm. (1, 2)
 Perennial, occ. annual. Herb. Ht 0.05–0.3 m. Alt? N, B
quinqueseta O.Hoffm. ex Thell. = **N. nitens** var. **nitens**
stenoptera (O.Hoffm.) Merxm. subsp. **makarikariensis** (Bremek. & Oberm.) Merxm.
Laggera makarikariensis Bremek. & Oberm. (1, 2, 4)
 Perennial. Herb. Ht 0.1–0.4 m. Alt? B

stenoptera (O.Hoffm.) Merxm. subsp. **stenoptera**
Laggera stenoptera O.Hoffm. (1, 2)
 Perennial. Herb. Ht 0.1–1 m. Alt 400–2000 m. N, B, NW

vedderiana Dinter ex Merxm. = **N. pedunculata** subsp. **pedunculata**

NIDORELLA Cass. 8925000

Compiled by P.P.J. Herman

- (1) Wild. 1969. *Boletim da Sociedade Broteriana* 43: 209–245.
- (2) Wild. 1975. *Kirkia* 10: 62–72.
- (3) Hilliard. 1977. *Compositae in Natal*: 79–85.
- (4) Herman *et al.* 1997. *List of southern African succulent plants*: 39.

agria Hilliard
 Perennial. Herb. Ht up to 0.6 m. Alt 1525–2350 m. FS, KZN, L, EC

amplexicaulis DC. = **N. undulata**
angustifolia O.Hoffm. = **N. anomala**

anomala Steetz
N. angustifolia O.Hoffm. (3)
N. depauperata Harv. (3)
N. solidaginea of author, not of DC.; Wild, concept invalid (3)
 Annual, occ. perennial. Herb. Ht 0.15–1.48 m. Alt 975–2250 m. NW, G, M, S, FS, KZN, L, EC

auriculata DC.
Erigeron kraussii Sch.Bip. (1, 3)
Erigeron sprengelii Sch.Bip. (1, 2, 3)
N. auriculata DC. subsp. **polycephala** (DC.) Wild (3)
N. diversifolia Spreng. ex Steetz (1, 2)
N. kraussii (Sch.Bip. ex Walp.) Harv. (1, 2)
N. obovata DC. (1, 2, 3)
N. polycephala DC. (3)
N. senecionea DC. (1, 2, 3)
N. senecionea DC. var. **albanensis** DC. (1, 2)
N. sprengelii (Sch.Bip. ex Walp.) Harv. (1, 2)

Perennial. Herb. Ht 0.3–1.5 m. Alt 1–2500 m. B, LIM, NW, G, M, S, FS, KZN, L, EC
auriculata DC. subsp. *polycephala* (DC.) Wild = **N. auriculata**
densifolia O.Hoffm. = **N. resedifolia** subsp. **resedifolia**
depauperata Harv. = **N. anomala**
diversifolia Spreng. ex Steetz = **N. auriculata**
foetida (L.) DC.
Inula foetida L. (1)
N. hyssopifolia DC. (1)
N. hyssopifolia DC. var. *glabrata* DC. (1)
 Perennial. Suffrutex. Ht 0.01–1.2 m. Alt 5–2470 m. WC, EC
frutescens Dinter = **N. resedifolia** subsp. **frutescens**
gariepina DC. = **Nolletia gariepina**
hirta DC. = **N. resedifolia** subsp. **resedifolia**
hottentotica DC.
N. hottentotica DC. var. *lanata* Harv. (1)
 Annual. Herb. Ht 0.05–1.2 m. Alt 303–1830 m. LIM, NW, G, M, S, FS, NC
hottentotica DC. var. *lanata* Harv. = **N. hottentotica**
hyssopifolia DC. = **N. foetida**
hyssopifolia DC. var. *glabrata* DC. = **N. foetida**
kraussii (Sch.Bip. ex Walp.) Harv. = **N. auriculata**
krookii O.Hoffm. = **N. resedifolia** subsp. **resedifolia**
linifolia DC.
 Annual, occ. perennial. Herb. Ht 0.33–1 m. Alt 2–10 m. KZN
longifolia DC. = **N. undulata**
membranifolia Steetz = **N. microcephala**
mespilifolia (Less.) DC. = **Microglossa mespilifolia**
microcephala Steetz
N. membranifolia Steetz (2)
N. resedifolia DC. subsp. *microcephala* (Steetz) Wild (2)
 Annual. Herb. Ht 0.85–1.3 m. Alt up to 1100 m. LIM, KZN
nordenstamii Wild
 Annual. Herb. Ht up to 0.5 m. Alt 1500–2100 m. N
obovata DC. = **N. auriculata**
pinnatilobata DC. = **N. resedifolia** subsp. **resedifolia**
polycephala DC. = **N. auriculata**
punctulata DC. = **Psiadia punctulata**
rapunculoides DC. = **N. resedifolia** subsp. **resedifolia**
resedifolia DC. subsp. **frutescens** Merxm.
N. frutescens Dinter (1)
 Annual. Herb. Ht 0.5–1 m. Alt 971–1400 m. N
resedifolia DC. subsp. *microcephala* (Steetz) Wild = **N. microcephala**
resedifolia DC. subsp. **resedifolia**
N. densifolia O.Hoffm. (1, 2)
N. hirta DC. (1, 2, 3)
N. krookii O.Hoffm. (1, 2, 3)
N. pinnatilobata DC. (1, 2, 3)
N. rapunculoides DC. (1, 2, 3)
N. resedifolia DC. var. *subvillosa* Merxm. (1, 2)
N. solidaginea DC. (1, 2, 3)
 Annual. Herb. Ht 0.1–1 m. Alt 10–2135 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
resedifolia DC. var. *subvillosa* Merxm. = **N. resedifolia** subsp. **resedifolia**

senecionea DC. = **N. auriculata**
senecionea DC. var. *albanensis* DC. = **N. auriculata**
solidaginea DC. = **N. resedifolia** subsp. **resedifolia**
solidaginea of author, not of DC.; Wild, concept invalid = **N. anomala**
sprengelii (Sch.Bip. ex Walp.) Harv. = **N. auriculata**
tongensis Hilliard
 Perennial. Herb, succulent. Ht up to 0.5 m. Alt 0–60 m. KZN
undulata (Thunb.) Sond. ex Harv.
Chrysocoma undulata Thunb. (1, 2, 3)
N. amplexicaulis DC. (1, 2, 3)
N. longifolia DC. (1, 2, 3)
 Perennial. Herb. Ht 0.2–1 m. Alt 335–2525 m. LIM, M, KZN, L, WC, EC

NOLLETIA Cass. 8929000

Compiled by P.P.J. Herman

- (1) Merxmüller. 1955. *Mitteilungen der Botanischen Staatssammlung München* 2: 78, 79.
 (2) Merxmüller. 1967. *FSWA* 139: 118–120.
 (3) Hilliard. 1977. *Compositae in Natal*: 96–98.

arenosa O.Hoffm.
Chrysocoma dinteri Muschl. (2)
 Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 885–2290 m. N, B, NW, NC
ciliaris (DC.) Steetz
Leptothamnus ciliaris DC. (2, 3)
 Perennial. Suffrutex. Ht 0.15–0.5 m. Alt 1030–1900 m. N, B, NW, G, FS, KZN, L, NC, EC
costata Klatt = **Nicolasia costata**
ericoides Merxm.
 Perennial. Suffrutex. Ht 0.2–0.3 m. Alt? N
gariepina (DC.) Mattf.
Felicia gariepina (DC.) L.Bolus (2)
Nidorella gariepina DC. (2)
 Perennial. Shrub, dwarf shrub. Ht 0.2–0.6 m. Alt 550–2000 m. N, NC
rarifolia (Turcz.) Steetz
Leptothamnus rarifolius Turcz. (3)
 Perennial. Suffrutex. Ht 0.17–0.45 m. Alt 945–2000 m. LIM, NW, G, M, FS, KZN, NC, EC
ruderalis Hilliard
 Perennial. Suffrutex. Ht 0.2–0.4 m. Alt 0–801 m. M, S, KZN
tenuifolia Mattf.
Chrysocoma ciliata of author, not of L.; Dinter, concept invalid (2)
 Perennial. Dwarf shrub. Ht 0.3–0.45 m. Alt 1500–2100 m. N
zambesica R.E.Fr.
 Perennial. Shrub, herb. Ht 0.6–1.3 m. Alt? N, B
NOTONIA DC. 9411020
fulgens (Hook.f.) Guillaumin = **Kleinia fulgens**
welwitschii (O.Hoffm.) Hiern = **Kleinia fulgens**
NOTONIOPSIS B.Nord. 9411030
fulgens (Hook.f.) B.Nord. = **Kleinia fulgens**
galpinii (Hook.f.) B.Nord. = **Kleinia galpinii**

OEDERA L.

9322000

Compiled by M. Koekemoer

- (1) Harvey. 1865. *FC* 3: 44–530.
- (2) Smith. 1927. *Bothalia* 2: 360–365.
- (3) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 440.
- (4) Phillips. 1940. *The Flowering Plants of South Africa* 20: t. 786.
- (5) Levyns. 1948. *Journal of South African Botany* 14: 83–85.
- (6) Bremer. 1976. *Opera Botanica* 40: 1–85.
- (7) Anderberg & Bremer. 1991. *Annals of the Missouri Botanical Garden* 78: 1061–1072.
- (8) Goldblatt & Manning. 2000. *Strelitzia* 9: 344.
- (9) Beyers. 2001. *Bothalia* 31: 41, 42.

aliena L.f. = **Heterolepis aliena***alienata* Thunb. = **Hirpicium alienatum****capensis** (L.) Druce*Eroeda capensis* (L.) Levyns (7)*O. prolifera* L.f. (7)

Perennial. Shrub. Ht 0.1–0.3 m. Alt 50–600 m. WC, EC

conferta (Hutch.) Anderb. & K.Bremer*Relhania conferta* Hutch. (7)

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 1500–1600 m. NC

epaleacea Beyers

Perennial. Shrub. Ht 0.2–0.6 m. Alt 800–1000 m. WC

foveolata (K.Bremer) Anderb. & K.Bremer*Relhania foveolata* K.Bremer (7)

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 500–900 m. WC

genistifolia (L.) Anderb. & K.Bremer*Athanasia genistifolia* L. (7)*Geigeria passerinoides* (L'Hér.) Harv. (7)*Relhania genistifolia* (L.) L'Hér. (7)*Relhania genistifolia* (L.) L'Hér. var. *angustifolia* Harv. (7)*Relhania genistifolia* (L.) L'Hér. var. *discoidea* Harv. (7)*Relhania microphylla* L'Hér. (7)

Perennial. Shrub. Ht 0.2–0.6 m. Alt 500–2000 m. NC, WC, EC

hirta Thunb.*Eroeda hirta* (Thunb.) Levyns (7)

Perennial. Shrub. Ht 0.2–0.3 m. Alt 10–800 m. WC

imbricata Lam.*Eroeda imbricata* (Lam.) Levyns (7)*Eroeda intermedia* (DC.) Levyns (7)*O. intermedia* DC. (8)*O. latifolia* Less. (7)

Perennial. Shrub. Ht 0.2–0.4 m. Alt 70–1500 m. WC, EC

intermedia DC. = **O. imbricata****laevis** DC.*Eroeda laevis* (DC.) Levyns (7)*Eroeda muirii* (C.A.Sm.) Levyns (7)*O. muirii* C.A.Sm. (8)

Perennial. Shrub. Ht 0.2–0.6 m. Alt 250–700 m. WC, EC

latifolia Less. = **O. imbricata***muirii* C.A.Sm. = **O. laevis****multipunctata** (DC.) Anderb. & K.Bremer*Relhania multipunctata* DC. (7)

Perennial. Shrub. Ht 0.6–1 m. Alt 600–900 m. NC, WC

nordenstamii (K.Bremer) Anderb. & K.Bremer*Relhania nordenstamii* K.Bremer (7)

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 600–800 m. NC

prolifera L.f. = **O. capensis****resinifera** (K.Bremer) Anderb. & K.Bremer*Relhania resinifera* K.Bremer (7)

Perennial. Shrub. Ht 0.8–1 m. Alt 500–1000 m. WC

sedifolia (DC.) Anderb. & K.Bremer*Eclopes sedifolia* DC. (1)*Relhania sedifolia* (DC.) Harv. (7)

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 200–1700 m. NC, WC

silicicola (K.Bremer) Anderb. & K.Bremer*Relhania silicicola* K.Bremer (7)

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 100–120 m. WC

squarrosa (L.) Anderb. & K.Bremer*Relhania latifolia* Compton (7)*Relhania squarrosa* (L.) L'Hér. (7)*Relhania squarrosa* (L.) L'Hér. var. *brevifolia* Harv. (7)*Santolina squarrosa* L. (7)

Perennial. Shrub. Ht 0.2–1.6 m. Alt 500–1600 m. NC, WC, EC

steyniae (L.Bolus) Anderb. & K.Bremer*Relhania steyniae* L.Bolus (7)

Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 0–300 m. WC

uniflora (L.f.) Anderb. & K.Bremer*Athanasia uniflora* L.f. (7)*Relhania cuneata* L'Hér. (7)*Relhania cuneata* L'Hér. var. *virgata* (L'Hér.) S.Moore (7)*Relhania uniflora* (L.f.) Druce (7)

Perennial. Shrub. Ht 0.3–0.6 m. Alt 20–300 m. WC

viscosa (L'Hér.) Anderb. & K.Bremer*Relhania affinis* Sond. ex Harv. (7)*Relhania genistifolia* (L.) L'Hér. var. *glutinosa* (DC.) Harv. (7)*Relhania viscosa* L'Hér. (7)

Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt 100–400 m. WC

OLDENBURGIA Less.

9500000

Compiled by N. Netnou

- (1) Bond. 1987. *South African Journal of Botany* 53: 493–500.

arbuscula DC. = **O. grandis****grandis** (Thunb.) Baill.*Arnica grandis* Thunb. (1)*O. arbuscula* DC. (1)

Perennial. Shrub or small tree. Ht 1–5 m. Alt 500–690 m. EC

intermedia Bond

Perennial. Dwarf shrub, cushion-forming. Spread up to 0.06 m. Alt 600–1500 m. WC

papionum DC.

Perennial. Dwarf shrub. Ht? Alt 250–450 m. WC

paradoxa Less.

Perennial. Dwarf shrub, cushion forming. Spread up to 1 m. Alt 550–1300 m. WC

OLIGOCARPHA Cass.

8936010

neriifolia (L.) Cass. = **Brachylaena neriifolia****OLIGOCARPUS** Less.

9424000

Compiled by P.P.J. Herman

- (1) Lessing. 1832. *Synopsis generum Compositarum*: 90.
- (2) Harvey. 1865. *FC* 3: 433.
- (3) Norlindh. 1943. *Studies in the Calenduleae*: 346–352.
- (4) Nordenstam. 1994. *Compositae Newsletter* 25: 46–49.

acanthospermus (DC.) Bolus = **Osteospermum acanthospermum**

calendulaceus (L.f.) Less.

Calendula parviflora Thunb. (2, 4)

O. tripteroides DC. (3, 4)

Osteospermum calendulaceum L.f. (2, 4)

Annual. Herb. Length 0.05–0.5 m. Alt 20–1465 m.
KZN, NC, WC, EC

calendulaceus of author, not of Less.; Dinter, concept invalid = **Osteospermum muricatum** subsp. **muricatum**

tripteroides DC. = **O. calendulaceus**

OLIGODORA DC. 9326030

dentata DC. = **Hymenolepis dentata**

OLIGODORELLA Turcz. 9370005

teretifolia Turcz. = **Marasmodes polycephala**

OLIGOTHRIX DC. 9416000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 306.

(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 345.

gracilis DC.

Annual. Herb. Ht up to 0.3 m. Alt 1000–1676 m. WC

ONCOSIPHON Källersjö 9366020

Compiled by P.P.J. Herman

(1) Schlechter. 1899. *Botanische Jahrbücher* 27: 208.

(2) Källersjö. 1988. *Botanical Journal of the Linnean Society* 96: 310–314.

(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 345.

africanum (P.J.Bergius) Källersjö

Chrysanthemum hirtum Thunb. (2)

Matricaria africana P.J.Bergius (2)

Matricaria capensis L. (2)

Matricaria hirta (Thunb.) DC. (2)

Annual. Herb. Ht 0.25–0.5 m. Alt 2–30 m. WC

glabratum (Thunb.) Källersjö

Chrysanthemum glabratum Thunb. (2)

Matricaria glabrata (Thunb.) DC. (2)

Annual. Herb. Ht up to 0.3 m. Alt? WC

grandiflorum (Thunb.) Källersjö

Matricaria grandiflora (Thunb.) Fenzl ex Harv. (2)

Pentzia grandiflora (Thunb.) Hutch. (2)

Tanacetum grandiflorum Thunb. (2)

Annual. Herb. Ht 0.1–0.9 m. Alt 3–1372 m. N, NC, WC

intermedium (Hutch.) Källersjö

Pentzia intermedia Hutch. (2)

Annual. Herb. Ht up to 0.2 m. Alt 90–650 m. WC

piluliferum (L.f.) Källersjö

Cotula globifera Thunb. (2)

Cotula pilulifera L.f. (2)

Matricaria globifera (Thunb.) Fenzl ex Harv. (2)

Matricaria pilulifera (L.f.) Druce (2)

Pentzia globifera (Thunb.) Hutch. (2)

Pentzia pilulifera (L.f.) Fourc. (2)

Tanacetum obtusum Thunb. (2)

Annual. Herb. Ht 0.1–0.6 m. Alt 8–1645 m. NW, G, M, FS, KZN, L, NC, WC, EC

sabulosum (Wolley-Dod) Källersjö

Matricaria sabulosa Wolley-Dod (2)

Pentzia sabulosa (Wolley-Dod) Hutch. (2)

Annual. Herb. Length 0.15–0.5 m. Alt 4–46 m. NC, WC

schlechteri (Bolus) Källersjö

Matricaria schlechteri Bolus ex Schltr. (2)

Perennial. Shrub. Ht? Alt 0 m. WC

suffruticosum (L.) Källersjö

Cotula tanacetifolia L. (2)

Matricaria multiflora Fenzl ex Harv. (2)

Pentzia suffruticosa (L.) Hutch. ex Merxm. (2)

Pentzia tanacetifolia (L.) Hutch. (2)

Tanacetum suffruticosum L. (2)

Annual. Herb. Ht 0.1–0.6 m. Alt 15–1500 m. N, NC, WC

ONDETIA Benth. 9089000

Compiled by P.P.J. Herman

(1) Bentham. 1876. *Hooker's Icones Plantarum* 12: 11, 12, t. 1112.

(2) Merxmüller. 1967. *FSWA* 139: 120, 121.

linearis Benth.

Annual or perennial. Herb. Ht 0.1–0.9 m. Alt 950–1830 m. N

OREOLEYSERA K.Bremer 9052010

Compiled by M. Koekemoer

(1) Bremer. 1978. *Botaniska Notiser* 131: 449–453.

montana (Bolus) K.Bremer

Leysera montana Bolus (1)

Perennial. Dwarf shrub. Ht 0.03–0.08 m. Alt 1000–1100 m. WC

OSMITES L. 9099000

angustifolia DC. = **Osmitopsis pinnatifida** subsp. **angustifolia**

anthemoides DC. = **Osmitopsis osmitoides**

asteriscoides P.J.Bergius = **Osmitopsis asteriscoides**

bellidiastrum in sense of Thunb. = **Osmitopsis osmitoides**

calycina L.f. = **Relhania calycina** subsp. **calycina**

dentata Thunb. = **Osmitopsis dentata**

hirsuta Less. = **Osmitopsis afra**

leucantha (L.) Druce = **Osmitopsis afra**

parvifolia DC. = **Osmitopsis parvifolia**

pinnatifida DC. = **Osmitopsis pinnatifida** subsp. **pinnatifida**

OSMITOPSIS Cass. emended K.Bremer 9098000

Compiled by P.P.J. Herman

(1) Bremer. 1972. *Botaniska Notiser* 125: 9–48.

(2) Bremer. 1976. *Botaniska Notiser* 129: 21–24.

afra (L.) K.Bremer

Anthemis afra L. (1)

Osmites hirsuta Less. (1)

Osmites leucantha (L.) Druce (1)

Perennial. Suffrutex. Ht 0.1–0.4 m. Alt 360–1220 m. WC

asteriscoides (L.) Cass. = **O. asteriscoides**

asteriscoides (P.J.Bergius) Less.

Leucanthemum asteriscoides (L.) Kuntze (1)

Osmites asteriscoides P.J.Bergius (1)

O. asteriscoides (L.) Cass. (1)

O. calva Gand. (1)

Perennial. Shrub. Ht up to 2 m. Alt 15–1220 m. WC

calva Gand. = **O. asteriscoides**

- dentata** (Thunb.) K.Bremer
Osmites dentata Thunb. (1)
Perennial. Suffrutex. Ht 0.15–0.5 m. Alt 30–915 m.
WC
- glabra** K.Bremer
Perennial. Suffrutex. Ht 0.08–0.25 m. Alt ± 400 m.
WC
- nana** Schltr.
Perennial. Suffrutex. Ht 0.03–0.15 m. Alt 480–1220 m.
WC
- osmitoides** (Less.) K.Bremer
Bellidiastrum osmitoides Less. (1)
Osmites anthemoides DC. (1)
Osmites bellidiastrum in sense of Thunb. (1)
Perennial. Suffrutex. Ht 0.15–0.6 m. Alt 90–1380 m.
WC, EC
- parvifolia** (DC.) Hofmeyr
Osmites parvifolia DC. (1)
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 420–1250 m.
WC
- pinnatifida** (DC.) K.Bremer subsp. **angustifolia** (DC.) K.Bremer
Osmites angustifolia DC. (1)
Perennial. Suffrutex. Ht 0.3–0.5 m. Alt 600–1100 m.
WC
- pinnatifida** (DC.) K.Bremer subsp. **pinnatifida**
Osmites pinnatifida DC. (1)
Perennial. Suffrutex. Ht 0.3–0.5 m. Alt 600–1530 m.
WC
- pinnatifida** (DC.) K.Bremer subsp. **serrata** K.Bremer
Perennial. Suffrutex. Ht 0.3–0.5 m. Alt 760–1600 m.
WC
- tenuis** K.Bremer
Perennial. Suffrutex. Ht 0.1–1 m. Alt 1050–1380 m.
WC

OSTEOSPERMUM L. 9427000

Compiled by P.P.J. Herman

- (1) Harvey. 1865. *FC* 3: 433–446.
- (2) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 392–395.
- (3) Norlindh. 1939. *Botaniska Notiser*: 786–795.
- (4) Norlindh. 1943. *Studies in the Calenduleae*: 98–237, 353–357.
- (5) Norlindh. 1960. *Botaniska Notiser* 113: 388–392.
- (6) Norlindh. 1965. *Mitteilungen der Botanischen Staatssammlung München* 5: 646–649.
- (7) Merxmüller. 1967. *FSWA* 139: 121–129.
- (8) Hilliard & Burt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42: 232, 233.

- acanthospermum** (DC.) Norl.
Oligocarpus acanthospermus (DC.) Bolus (4)
Xenismia acanthosperma DC. (4)
Annual. Herb. Length 0.02–0.3 m. Alt 450–1200 m.
NC, WC
- aciphyllum** DC.
O. triquetrum L.f. var. *aciphyllum* (DC.) Harv. (4)
Perennial. Shrub. Length 0.15–0.6 m. Alt 300–600 m.
WC
- acutifolium** (Hutch.) Norl. = **Dimorphotheca acutifolia**
amplectens (Harv.) Norl. = **Tripteris amplectens**
angolense Norl. = **Tripteris angolensis**
arctotoides L.f. = **Arctotis arctotoides**
armatum Norl.

- Perennial. Shrub. Ht up to 0.5 m. Alt 700–1065 m. N,
NC
- asperulum** (DC.) Norl.
O. coriaceum DC. var. *asperulum* DC. (4)
Perennial. Suffrutex. Ht 0.1–1 m. Alt 700–1700 m.
WC
- asperum** (Thunb.) Less. = **O. rigidum** var. **rigidum**
attenuatum Hilliard & B.L.Burt
Perennial. Herb. Length 0.15–0.4 m. Alt 1675–2300 m.
KZN
- auriculatum** (S.Moore) Norl. = **Tripteris auriculata**
barberae (Harv.) Norl. = **Dimorphotheca barberae**
bidens Thunb.
O. ephedroides DC. (1, 4)
O. lavandulaceum DC. (4)
Senecio striatus Thunb. (1, 4)
Perennial. Herb. Ht 0.3–0.6 m. Alt 450–1400 m. NC,
WC
- bipinnatum** Thunb. = **Garuleum bipinnatum**
bolusii (Compton) Norl.
O. multicaule Norl. (4)
Tripteris bolusii Compton (4)
Perennial. Herb. Ht 0.5–0.8 m. Alt 400–1400 m. WC
- breviradiatum** Norl. = **Tripteris breviradiata**
burchellii DC. = **O. corymbosum**
caeruleum Aiton = **Garuleum pinnatifidum**
calcareum Muschl. ex Dinter = **O. montanum**
calendulaceum Harv. = **Garuleum latifolium**
calendulaceum L.f. = **Oligocarpus calendulaceus**
caulescens Harv. = **Dimorphotheca caulescens**
ciliatum P.J.Bergius
O. laxum DC. (4)
O. pungens Harv. (4)
Perennial. Shrub. Length up to 0.5 m. Alt 100–700 m.
WC
- clandestinum** (Less.) Norl. = **Tripteris clandestina**
connatum DC. = **Tripteris amplexicaulis**
coriaceum DC. = **O. junceum**
coriaceum DC. var. *asperulum* DC. = **O. asperulum**
corymbosum DC., not of L. = **O. imbricatum** subsp.
imbricatum
corymbosum DC. var. *lasiocaulon* DC. = **O. imbrica-**
tum subsp. **imbricatum**
corymbosum DC. var. *parvifolium* Harv. = **O. imbrica-**
tum subsp. **imbricatum**
corymbosum DC. var. *rotundifolium* DC. in part = **O.**
imbricatum subsp. **imbricatum**
- corymbosum** L.
O. burchellii DC. (4)
Perennial. Suffrutex. Ht 1–3 m. Alt 300–600 m. WC
- corymbosum** L. var. *rotundifolium* DC. in part = **O.**
rotundifolium
crassifolium (O.Hoffm.) Norl. = **Tripteris crassifolia**
cuspidatum DC. = **Tripteris tomentosa**
decumbens Fourc. = **O. pterigoideum**
dentatum Burm.f. = **Tripteris dentata**
dichotomum E.Mey. ex DC. = **O. imbricatum** subsp.
imbricatum

dregei (DC.) Norl. var. *dregei* = **Dimorphotheca dregei** var. **dregei**

dregei (DC.) Norl. var. *reticulatum* Norl. = **Dimorphotheca dregei** var. **reticulata**

ecklonis (DC.) Norl. = **Dimorphotheca ecklonis**

elegans Bolus = **O. rigidum** var. **elegans**

elsiae Norl.

Perennial. Sprawling shrub or suffrutex. Length up to 0.5 m. Alt 250–750 m. WC

ephedroides DC. = **O. bidens**

falcatum E.Mey. ex DC. = **Gymnostephium ciliare**

fallax Spreng. ex DC. = **Euryops munitus**

filiforme Thunb. = **O. triquetrum**

foveolatum DC. = **O. polygaloides** var. **polygaloides**

fruticosum (L.) Norl. = **Dimorphotheca fruticosa**

glaberrimum O.Hoffm. = **O. imbricatum** subsp. **nervatum** var. **nervatum**

glabratum (Thunb.) Less. = **Tripteris oppositifolia**

glabrum N.E.Br.

Tripteris glabra C.A.Sm. (4)

Perennial. Shrub. Ht 0.45–0.7 m. Alt 180–500 m. WC, EC

glandulosum Spreng.f., not of DC. = **O. imbricatum** subsp. **imbricatum**

grandidentatum DC.

O. grandidentatum DC. var. *hispidum* Harv. (4)

O. grandidentatum DC. var. *natalense* Sch.Bip. (4)

Perennial. Herb. Length 0.3–0.6 m. Alt 30–1600 m. S, KZN, EC

grandidentatum DC. var. *hispidum* Harv. = **O. grandidentatum**

grandidentatum DC. var. *natalense* Sch.Bip. = **O. grandidentatum**

grandiflorum DC.

Calendula muricata Thunb. (4)

Calendula rigida Aiton (4)

Tripteris arborescens Harv., not of Less. (4)

Tripteris petiolata DC. (4)

Perennial. Shrub or suffrutex. Ht 0.5–0.9 m. Alt 60–1400 m. NC, WC

hafstroemii Norl.

Perennial. Shrub. Length up to 0.2 m. Alt 0–5 m. WC

hamiltoni S.Moore = **O. muricatum** subsp. **muricatum**

helichrysoides DC. = **O. imbricatum** subsp. **nervatum** var. **helichrysoides**

herbaceum L.f.

O. zeyheri Spreng. ex DC. (1, 4)

Perennial. Herb. Ht 0.8–1 m. Alt 0–1000 m. KZN, EC

heterophyllum DC. = **Euryops brachypodus**

hirsutum Thunb.

Perennial. Shrub. Ht up to 0.5 m. Alt? WC?

hispidum Harv. var. **hispidum**

Perennial. Shrub or suffrutex. Ht up to 0.5 m. Alt 200–500 m. WC

hispidum Harv. var. **viride** Norl.

Perennial. Shrub or suffrutex. Ht up to 0.5 m. Alt? WC

hyoseroides (DC.) Norl. = **Tripteris hyoseroides**

ilicifolium L. = **Gibbaria ilicifolia**

imbricatum Harv., not of L. = **O. polygaloides** var. **polygaloides**

imbricatum L. subsp. **imbricatum**

O. corymbosum DC., not of L. (4)

O. corymbosum DC. var. *lasiocaulon* DC. (4)

O. corymbosum DC. var. *parvifolium* Harv. (4)

O. corymbosum DC. var. *rotundifolium* DC. in part (4)

O. dichotomum E.Mey. ex DC. (4)

O. glandulosum Spreng.f., not of DC. (4)

O. retirugum DC. (4)

Perennial. Shrub or suffrutex. Ht 0.5–2 m. Alt 0–1000 m. WC, EC

imbricatum L. subsp. **nervatum** (DC.) Norl. var. **helichrysoides** (DC.) Norl.

O. helichrysoides DC. (4)

Perennial. Shrub or suffrutex. Ht 0.5–2 m. Alt? KZN, EC

imbricatum L. subsp. **nervatum** (DC.) Norl. var. **nervatum**

O. glaberrimum O.Hoffm. (4)

O. nervatum DC. (4)

Perennial. Shrub or suffrutex. Ht 0.5–2 m. Alt 0–1500 m. KZN, WC, EC

incanum Burm.f. = **Chrysanthemoides incana**

jucundum (E.Phillips) Norl. = **Dimorphotheca jucunda**

junceum P.J.Bergius

O. coriaceum DC. (4)

O. marginatum Spreng.f. (4)

Perennial. Suffrutex. Ht 1–3 m. Alt 300–1000 m. WC, EC

karrooicum (Bolus) Norl.

Tripteris integrifolia Dinter (4, 7)

Tripteris karrooica Bolus (4, 7)

Perennial. Shrub. Ht 0.15–1 m. Alt 600–1911 m. N, NC

lanceolatum DC.

Perennial. Shrub. Ht up to 1 m. Alt 500–2000 m. KZN

lancifolium Norl. = **O. pterigoideum**

lanosum (DC.) Compton & E.Phillips = **Chrysanthemoides incana**

lavandulaceum DC. = **O. bidens**

laxum DC. = **O. ciliatum**

leiocarpum DC. = **Euryops leiocarpus**

leptolobum (Harv.) Norl.

Tripteris leptoloba Harv. (4)

Perennial. Shrub. Ht 0.3–0.6 m. Alt 500–1650 m. NW, FS, NC, WC, EC

marginatum Spreng.f. = **O. junceum**

marlothianum Muschl. ex Dinter = **Chrysanthemoides incana**

microcarpum (Harv.) Norl. subsp. *microcarpum* = **Tripteris microcarpa** subsp. **microcarpa**

microcarpum (Harv.) Norl. subsp. *septentrionale* (Norl.) Norl. = **Tripteris microcarpa** subsp. **septentrionalis**

microcarpum (Harv.) Norl. var. *septentrionale* Norl. = **Tripteris microcarpa** subsp. **septentrionalis**

microphyllum DC.

Perennial. Shrub. Ht 0.15–0.5 m. Alt 450–1524 m. B, NW?, NC, WC, EC

moniliferum L. = **Chrysanthemoides monilifera** subsp. **monilifera**

moniliferum L. forma *foliis-subintegris* Engl. = **Chrysanthemoides monilifera** subsp. **septentrionalis**

moniliferum L. var. *angustifolium* DC. = **Chrysanthemoides monilifera** subsp. **subcanescens**

moniliferum L. var. *lanosum* DC. in part = **Chrysanthemoides incana**

moniliferum L. var. *pisiferum* (L.) Harv. = **Chrysanthemoides monilifera** subsp. **pisifera**

moniliferum L. var. *rotundatum* (DC.) Harv. = **Chrysanthemoides monilifera** subsp. **rotundata**

montanum Klatt
O. calcareum Muschl. ex Dinter (7)
Perennial. Suffrutex. Ht 0.5–1 m. Alt 1500–2100 m. N

monticola Norl. = **O. thodei**

multicaule Norl. = **O. bolusii**

muricatum E.Mey. ex DC. subsp. **longiradiatum** Norl.
Perennial. Herb. Ht 0.4–0.6 m. Alt 1900–2350 m. N

muricatum E.Mey. ex DC. subsp. **muricatum**
Oligocarpus calendulaceus of author, not of Less.; Dinter, concept invalid (7)
O. hamiltoni S.Moore (4)
Perennial. Herb. Ht 0.2–0.6 m. Alt 364–1973 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

nervatum DC. = **O. imbricatum** subsp. **nervatum** var. **nervatum**

nervosum (Hutch.) Norl. = **Tripteris nervosa**

odoratum Klatt = **Tripteris microcarpa** subsp. **microcarpa**

oppositifolium (Aiton) Norl. = **Tripteris oppositifolia**

pachypteris DC. = **O. spinescens**

picridioides DC. = **Tripteris aghillana** var. **aghillana**

pinnatifidum Thunb. = **Garuleum pinnatifidum**

pinnatilobatum Norl. = **Tripteris pinnatilobata**

pinnatipartitum DC. = **Euryops pinnatipartitus**

pinnatum (Thunb.) Norl. var. **breve** Norl.
Annual. Herb. Ht/Length 0.12–0.3 m. Alt 90–1220 m. N, NC, WC

pinnatum (Thunb.) Norl. var. **pinnatum**
Acanthochea pinnatisecta DC. (3)
Calendula pinnata Thunb. (4, 7)
Chrysanthemum lidbeckioides Less. (4)
Dimorphothecha pinnata (Thunb.) Harv. (4)
Annual. Herb. Length 0.15–0.25 m. Alt 90–1200 m. N, NC, WC

pisiferum L. = **Chrysanthemoides monilifera** subsp. **pisifera**

pisiferum L. var. *canescens* DC. = **Chrysanthemoides monilifera** subsp. **canescens**

plebeium DC. = **O. rigidum** var. **rigidum**

polycephalum (DC.) Norl. = **Tripteris polycephala**

polygaloides L. var. **latifolium** Norl.
Perennial. Shrub or suffrutex. Ht 0.2–0.6 m. Alt 300–828 m. WC

polygaloides L. var. **polygaloides**
Calendula rosmarinifolia Hoult. (4)
O. foveolatum DC. (4)
O. imbricatum Harv., not of L. (4)
Perennial. Shrub or suffrutex. Ht 0.2–0.6 m. Alt 0–1800 m. WC

psammophilum Klatt = **Dimorphothecha polyptera**

pterigoideum Klatt
O. decumbens Fourc. (4)
O. lancifolium Norl. (4)
Perennial. Suffrutex. Length up to 0.5 m. Alt 0–250 m. WC, EC

pterospermum E.Mey. ex DC. = **O. spinosum** var. **runcinatum**

pterospermum E.Mey. ex DC. forma *integrifolium* O.Hoffm. = **O. spinosum** var. **spinosum**

pulchrum Norl. = **Dimorphothecha acutifolia**

pungens Harv. = **O. ciliatum**

pyrifolium Norl.
Perennial. Suffrutex. Ht up to 0.1 m. Alt 112–610 m. WC

rangei Muschl. = **Chrysanthemoides incana**

retirugum DC. = **O. imbricatum** subsp. **imbricatum**

rigidum Aiton var. **elegans** (Bolus) Norl.
O. elegans Bolus (4)
Perennial. Shrub or suffrutex. Ht 0.32–0.6 m. Alt 100–1065 m. WC

rigidum Aiton var. **rigidum**
Calendula aspera Thunb. (4)
O. asperum (Thunb.) Less. (4)
O. plebeium DC. (4)
O. squarrosum Harv. (4)
O. subauritum DC. (4)
O. trigonospermum DC. (4)
Tripteris rogersii S.Moore (4)
Perennial. Shrub or suffrutex. Ht 0.3–0.6 m. Alt 100–1525 m. WC

riparium O.Hoffm. = **Dimorphothecha fruticosa**

rosulatum Norl. = **Tripteris rosulata**

rotundatum DC. = **Chrysanthemoides monilifera** subsp. **rotundata**

rotundifolium (DC.) Norl.
O. corymbosum L. var. *rotundifolium* DC. in part (4)
Perennial. Shrub or suffrutex. Ht 1–2 m. Alt 100–1200 m. WC

scabrum Thunb. = **Gibbaria scabra**

scariosum DC. var. *integrifolium* (Harv.) Norl. = **Tripteris aghillana** var. **integrifolia**

scariosum DC. var. *scariosum* = **Tripteris aghillana** var. **aghillana**

sinuatum (DC.) Norl. var. *lineare* (Harv.) Norl. = **Tripteris sinuata** var. **linearis**

sinuatum (DC.) Norl. var. *sinuatum* = **Tripteris sinuata** var. **sinuata**

sonchifolium DC. = **Garuleum sonchifolium**

spathulatum (DC.) Norl. = **Tripteris spathulata**

spinescens Thunb.
O. pachypteris DC. (4)
O. tridens DC. (4)
O. tripteroideum DC. (4)
Tripteris concordiae Schltr. (4, 7)
Tripteris muschlerianus Dinter (4, 7)
Tripteris pachypteris (DC.) Harv. (4)
Tripteris spinescens (Thunb.) Harv. (4)
Perennial. Shrub. Ht 0.5–1 m. Alt 305–1800 m. N, NW, FS, NC, WC, EC

spinescens Willd. = **O. spinosum** var. **runcinatum**

spinigerum Norl. = **Tripteris spinigera**

spinosum L. var. *integrifolium* P.J.Bergius = **O. spinosum** L. var. **spinosum**

spinosum L. var. **runcinatum** P.J.Bergius

O. pterospermum E.Mey. ex DC. (4)
O. spinescens Willd. (4)

Perennial. Shrub. Ht 0.3–1 m. Alt 200–600 m. WC

spinosum L. var. **spinosum**

O. pterospermum E.Mey. ex DC. forma *integrifolium* O.Hoffm. (4)
O. spinosum L. var. *integrifolium* P.J.Bergius (4)

Perennial. Shrub. Ht 0.3–0.9 m. Alt 15–600 m. WC

squarrosus Harv. = **O. rigidum** var. **rigidum**

striatum Burt Davy

Dimorphotheca nervosa Hutch. (4)

Perennial. Herb. Ht 0.1–0.25 m. Alt 1000–2000 m. M

subauritum DC. = **O. rigidum** var. **rigidum**

subcanescens DC. = **Chrysanthemoides monilifera** subsp. **subcanescens**

subulatum DC.

Perennial. Shrub. Length 0.2–0.4 m. Alt 5–183 m. WC

tanacetifolium MacOwan = **Garuleum tanacetifolium**

tenuilobum DC. = **Euryops tenuilobus**

teretifolium Thunb. = **Pteronia teretifolia**

thodei Markötter

O. monticola Norl. (4)

Perennial. Shrub or suffrutex. Ht 0.3–0.6 m. Alt 1800–2700 m. FS, KZN, L

tomentosum (L.f.) Norl. = **Tripteris tomentosa**

tridens DC. = **O. spinescens**

trigonospermum DC. = **O. rigidum** var. **rigidum**

tripteroideum DC. = **O. spinescens**

triquetrum L.f.

O. filiforme Thunb. (4)

Perennial. Suffrutex. Ht 0.1–0.6 m. Alt 275–728 m. WC

triquetrum L.f. var. *aciphyllum* (DC.) Harv. = **O. aciphyllum**

wallianum Norl. = **Dimorphotheca walliana**

zeyheri Spreng. ex DC. = **O. herbaceum**

OTHONNA L. 9420000

Compiled by P.P.J. Herman

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- (25) Claassen. 1970. *The Flowering Plants of Africa* 40: t. 1588.
- (26) Nordenstam. 1971. *Annalen des Naturhistorischen Museums Wien* 75: 139–142.
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- (28) Hilliard. 1977. *Compositae in Natal*: 513, 514.
- (29) Nordenstam. 1980. *Botaniska Notiser* 133: 555–557.
- (30) Bond & Goldblatt. 1984. *Journal of South African Botany* Suppl. vol. 13: 185–187.
- (31) Wijnands. 1985. *Taxon* 34: 311.
- (32) Van Jaarsveld. 1986. *South African Journal of Botany* 52: 569–571.
- (33) Rowley. 1990. *Cactus and Succulent Journal Los Angeles* 62: 282.
- (34) Rowley. 1994. *Succulent Compositae*: 155–197.
- (35) Herman *et al.* 1997. *List of southern African succulent plants*: 39, 40.
- (36) Hilton-Taylor. 1997. *Bothalia* 27: 203.
- (37) Lavranos. 2002. *Cactus and Succulent Journal (U.S.)* 74,3: 142–145.

abrotanifolia (Harv.) Druce

Doria abrotanifolia Harv. (8)

Perennial. Shrub, succulent. Ht 0.45–1.5 m. Alt 800–1000 m. NC

abrotanifolia L. = **Euryops abrotanifolius**

aeonioides Dinter = **O. furcata**

alba Compton

Perennial. Geophyte, shrub, succulent. Ht up to 0.3 m. Alt 100–1220 m. WC

albicaulis Dinter = **Hertia pallens**

ambifaria S.Moore = **Emilia ambifaria**

amplexicaulis Thunb. = **O. parviflora**

amplexifolia DC.

O. perfoliata Jacq. (3)

Perennial. Geophyte, herb, climber, succulent. Length 0.1–0.6 m. Alt 50–1150 m. N, NC, WC

arborescens L.

Perennial. Shrub, succulent. Ht 0.3–0.9 m. Alt 2–305 m. WC

arbuscula (Thunb.) Sch.Bip.

Cacalia arbuscula Thunb. (2)

Doria arbuscula (Thunb.) DC. (2)

Perennial. Shrub, succulent. Ht 0.35–3 m. Alt 610–1500 m. NC

armiana Van Jaarsv.

Perennial. Dwarf shrub, succulent. Ht 0.03–0.9 m. Alt ± 900 m. NC

athanasiae L.f. = **Euryops speciosissimus**

auriculifolia Licht. ex Less.

O. cyanoglossa DC. (3)

O. lactucaefolia DC. (3)

O. picridioides DC. (3)

Perennial. Herb, geophyte, succulent. Ht 0.1–0.75 m. Alt 300–2000 m. FS, NC, WC, EC

avasimontana Dinter = **Lopholaena cneorifolia**

barkeriae Compton = **O. osteospermoides**

bergeri Spreng. = **O. coronopifolia**

brachypoda DC. = **O. heterophylla**

brandbergensis B.Nord.

Perennial. Shrub. Ht 1–2 m. Alt 1850–2000 m. N

bulbosa L.

O. tuberosa Thunb. (13)

Perennial. Herb, geophyte, succulent. Ht 0.05–0.4 m.
Alt 25–2250 m. NC, WC

burtii B.Nord.

Perennial. Dwarf shrub, succulent. Ht 0.12–0.2 m. Alt
1520–2910 m. KZN, L, EC

calalioides L.f.

O. minima DC. (24, 30)

O. pillansii Hutch. (16, 24)

Perennial. Shrub, geophyte, succulent. Ht 0.02–0.08
m. Alt 750–920 m. WC

cakilifolia DC.

Perennial. Herb, geophyte, succulent. Ht 0.05–0.4 m.
Alt 300–440 m. NC, WC

cakilifolia DC. var. *latifolia* DC. = **O. incisa**

capensis L.H.Bailey

O. crassifolia Harv. (22)

Perennial. Herb, succulent. Length 0.12–0.2 m. Alt 20–
1220 m. EC

capillaris L.f. = **Gymnodiscus capillaris**

carnosa Less. var. **carnosa**

Cineraria calalioides L.f. (3)

Perennial. Shrub, succulent. Ht 0.12–0.9 m. Alt 0–
1740 m. L, WC, EC

carnosa Less. var. **discoidea** Oliv.

Perennial. Herb, succulent. Ht up to 0.6 m. Alt 0–100
m. KZN, EC

chromochaeta (DC.) Sch.Bip.

Doria chromochaeta DC. (2)

Perennial. Herb, geophyte, succulent. Ht up to 0.18 m.
Alt 30–1050 m. NC

ciliata L.f.

Perennial. Suffrutex, succulent. Ht 0.2–0.4 m. Alt 180–
500 m. WC

clavifolia Marloth

Perennial. Shrub, succulent. Ht up to 0.25 m. Alt? N,
NC?

cneorifolia (DC.) Sch.Bip. = **Lopholaena cneorifolia**

coriifolia Sond. = **Lopholaena coriifolia**

coronopifolia L.

O. bergeri Spreng. (3)

Perennial. Shrub, succulent. Ht 0.3–2 m. Alt 5–1219
m. NC, WC

crassicaulis Compton = **O. protecta**

crassifolia Harv. = **O. capensis**

cuneata DC.

Perennial. Herb, geophyte, succulent. Ht 0.1–0.25 m.
Alt 90–1585 m. NC, WC

cyanoglossa DC. = **O. auriculifolia**

cyclophylla Merxm.

Perennial. Shrub, succulent. Ht 0.6–1 m. Alt ± 945 m.
N, NC

cylindrica (Lam.) DC.

Cacalia cylindrica Lam. (3)

O. tenuissima Haw. (3)

Perennial. Shrub, succulent. Ht 0.15–1 m. Alt 0–1500
m. N, NC, WC, EC

cylindrica of author, not of (Lam.) DC.; F.Bolus, Bolus
& Glover, concept invalid = **O. protecta**

dentata L.

Perennial. Shrub, succulent. Ht 0.2–0.9 m. Alt 2–450
m. WC

digitata L.

Doria digitata (L.) Less. (22)

Perennial. Herb, geophyte, succulent. Ht 0.2–0.4 m.
Alt 20–1065 m. WC

dinteri Muschl. ex Dinter = **Hertia ciliata**

disticha N.E.Br. = **Lopholaena disticha**

divaricata Hutch.

Perennial. Shrub. Ht 1–1.25 m. Alt ± 150 m. NC

diversifolia (DC.) Sch.Bip.

Doria diversifolia DC. (2)

Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt ± 900 m.
NC

ericoides L.f. = **Euryops ericoides**

eriocarpa (DC.) Sch.Bip.

Doria eriocarpa DC. (2)

Perennial. Herb, succulent. Ht 0.12–0.2 m. Alt ± 640
m. WC?, EC

euphorbioides Hutch.

Perennial. Dwarf shrub, succulent. Ht 0.03–0.3 m. Alt
1000–1800 m. NC

filicaulis Jacq.

Perennial. Herb, geophyte, climber, succulent. Ht up
to 0.4 m. Alt 60–500 m. N?, NC?, WC

floribunda of author, not of Schltr.; Range, concept
invalid = **O. sparsiflora**

floribunda Schltr.

Perennial. Shrub, succulent. Ht 0.3–1.2 m. Alt 1–1100
m. NC, WC

frutescens L.

Perennial. Suffrutex, succulent. Ht 0.25–0.4 m. Alt?
WC

furcata (Lindl.) Druce

Ceradia furcata Lindl. (19, 21)

Doria ceradia Harv. (19, 21)

O. aeonoides Dinter (19, 21)

Perennial. Shrub, succulent. Ht 0.3–1.5 m. Alt 400–
1035 m. N, NC

geifolia L. = **Cineraria geifolia**

glauca Klatt = **Emilia marlothiana**

grandidentata DC. = **O. pluridentata**

graveolens O.Hoffm.

Senecio cactaeiformis Klatt (19, 21)

Perennial. Shrub, succulent. Ht 0.5–2 m. Alt ± 1450
m. N, NC

gymnodiscus (DC.) Sch.Bip.

Doria gymnodiscus DC. (2)

Perennial. Herb, geophyte, succulent. Ht 0.2–0.3 m.
Alt 180–1550 m. WC, EC

hallii B.Nord.

Perennial. Dwarf shrub, geophyte, succulent. Ht 0.1–
0.25 m. Alt ± 815 m. NC, WC

hederifolia B.Nord.

Perennial. Herb, succulent. Ht 0.03–0.3 m. Alt 600–
2000 m. NC, WC

herrei Pillans

Perennial. Dwarf shrub, succulent. Ht 0.2–0.8 m. Alt ± 300 m. NC

heterophylla L.f.

O. brachypoda DC. (3)

O. tuberosa DC. (3)

Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 35–1200 m. NC, WC

humilis Schltr.

Perennial. Suffrutex. Ht 0.05–0.08 m. Alt 1220–2150 m. WC

imbricata Thunb. = **Euryops imbricatus**

incisa Harv.

O. cakilifolia DC. var. *latifolia* DC. (3)

Perennial. Herb, succulent. Ht 0.15–0.6 m. Alt 250–1220 m. NC

intermedia Compton

Perennial. Herb, geophyte, succulent. Ht up to 0.6 m. Alt? WC

lactucaeifolia DC. = **O. auriculifolia**

lamulosa Schinz = **O. lasiocarpa**

lasiocarpa (DC.) Sch.Bip.

Doria lasiocarpa DC. (19, 21)

O. lamulosa Schinz (19, 21)

O. litoralis Dinter (19, 21)

O. retrofracta, not of Jacq.; F.Bolus, Bolus & Glover (21)

O. schaeferi Muschl. ex Dinter (19, 21)

O. surculosa Muschl. ex Dinter (19, 21)

Perennial. Shrub, succulent. Ht 0.02–1 m. Alt 0–400 m. N, NC

lateriflora L.f. = **Euryops lateriflorus**

lepidocaulis Schltr.

Perennial. Dwarf shrub, succulent. Ht 0.15–0.25 m. Alt ± 600 m. NC, WC

leptodactyla Harv.

Perennial. Shrub, succulent. Ht 0.5–2 m. Alt 150–765 m. NC, WC

lineariifolia (DC.) Sch.Bip.

Doria linearifolia DC. (2)

Perennial. Herb, geophyte. Ht? Alt? 'CP'

lingua (Less.) Sch.Bip.

Doria lingua Less. (2)

Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt 30–1220 m. NC, WC

linifolia Burm.f., illegitimate name = **Euryops tenuissimus** subsp. **tenuissimus**

linifolia L. = **Euryops linifolius**

linifolia L.f. = **O. stenophylla**

litoralis Dinter = **O. lasiocarpa**

lobata Schltr.

Perennial. Shrub, succulent. Ht 0.3–0.5 m. Alt 210–2000 m. N, NC, WC, EC?

lyrata DC.

Perennial. Herb. Ht 0.2–0.6 m. Alt 90–245 m. WC

macrocephala Muschl. ex Dinter = **Hertia ciliata**

macrophylla DC.

Perennial. Herb, succulent. Ht 0.3–0.6 m. Alt 190–610 m. NC

macrosperma DC.

Perennial. Shrub, succulent. Ht? Alt? WC

membranifolia DC.

Perennial. Suffrutex. Ht up to 0.9 m. Alt ± 30 m. EC

minima DC. = **O. cacalioides**

mucronata Harv.

Perennial. Shrub, succulent. Ht 0.5–2 m. Alt 450–1100 m. WC

multicaulis Harv.

Perennial. Suffrutex, succulent. Ht 0.15–0.9 m. Alt 10–1675 m. WC

multifida Thunb. = **Euryops multifidus**

munita L.f. = **Euryops munitus**

muschleriana Dinter = **Hertia pallens**

natalensis Sch.Bip.

O. scapigera Harv. (27)

Perennial. Herb, succulent. Ht 0.2–0.6 m. Alt 0–2700 m. LIM, G, M, S, FS, KZN, L, EC

obtusiloba Harv.

Perennial. Suffrutex, succulent. Ht 0.2–0.6 m. Alt 90–765 m. NC, WC

oleracea Compton

Perennial. Herb, geophyte, succulent. Ht 0.15–0.3 m. Alt 300–1145 m. WC

opima Merxm.

Perennial. Dwarf shrub or suffrutex, succulent. Ht 0.3–0.9 m. Alt 90–610 m. N, NC

osteospermoides DC.

O. barkerae Compton (30)

Perennial. Shrub, succulent. Ht 0.5–1.5 m. Alt 335–1600 m. WC

ovalifolia Hutch.

Perennial. Herb, geophyte. Ht ± 0.18 m. Alt? NC

pachypoda Hutch.

Perennial. Dwarf shrub, succulent. Ht 0.15–0.6 m. Alt? NC, WC

pallens DC. = **Hertia pallens**

papaveroides Hutch.

Perennial. Herb, geophyte, succulent. Ht ± 0.35 m. Alt 300–610 m. WC

papillosa Dinter = **O. sedifolia**

parviflora L. = **O. quinquedentata**

parviflora P.J.Bergius

O. amplexicaulis Thunb. (31)

O. rigens (L.) Levyns (31)

Perennial. Shrub, succulent. Ht 0.6–2.5 m. Alt 3–1850 m. NC, WC, EC

patula Schltr.

Perennial. Dwarf shrub or suffrutex, succulent. Ht 0.1–0.2 m. Alt 1200–2045 m. EC

pavelkae Lavranos

Perennial. Dwarf shrub, succulent. Ht 0.8–1.2 m. Alt ± 900 m. NC

pavonia E.Mey.

Perennial. Shrub, succulent. Ht 0.3–1.8 m. Alt 90–1530 m. NC, WC, EC

pectinata L. = **Euryops pectinatus** subsp. **pectinatus**

perfoliata Jacq. = **O. amplexifolia**

perfoliata Thunb.

Doria perfoliata (Thunb.) DC. (2)

- Perennial. Herb, geophyte, succulent. Ht 0.3–0.9 m. Alt 0–1030 m. NC, WC
- petiolaris** DC.
Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt 200–700 m. WC
- picridioides* DC. = **O. auriculifolia**
- pillansii* Hutch. = **O. cacalioides**
- pinnata** L.f.
Perennial. Herb, geophyte, succulent. Ht 0.15–0.5 m. Alt 30–1065 m. WC
- pinnatifida* Thunb. = **Cineraria othonnoides**
- pinnatilobata* Sch.Bip. = **O. retrofracta**
- pluridentata** DC.
O. grandidentata DC. (3)
Perennial. Suffrutex. Ht? Alt? WC
- polycephala* Klatt = **Emilia ambifaria**
- primulina** DC.
Perennial. Dwarf shrub, succulent. Ht? Alt? 'CP'
- protecta** Dinter
O. crassicaulis Compton (19, 21)
O. cylindrica of author, not of (Lam.) DC.; F.Bolus, Bolus & Glover, concept invalid (21)
Perennial. Dwarf shrub, geophyte, succulent. Ht 0.1–0.3 m. Alt 560–1800 m. N, FS, NC, WC
- pteronioides** Harv.
Perennial. Shrub, succulent. Ht 0.3–1.5 m. Alt 300–1005 m. NC, WC
- purpurascens** Harv.
Perennial. Shrub, succulent. Ht ± 0.2 m. Alt? 'CP' (3)
- pusilla* Dinter = **Senecio sulcicalyx**
- pygmaea** Compton
Perennial. Dwarf shrub, geophyte, succulent. Ht 0.1–0.5 m. Alt 500–765 m. NC, WC
- quercifolia** DC.
Perennial. Shrub, succulent. Ht 0.3–0.6 m. Alt ± 1000 m. WC
- quinquedentata** Thunb.
O. parviflora L. (22)
O. subumbellata DC. (3)
Perennial. Shrub, succulent. Ht 0.9–4 m. Alt 10–1320 m. WC, EC
- quinqueradiata** DC.
Perennial. Suffrutex, succulent. Ht ± 0.5 m. Alt? WC
- ramulosa** DC.
Perennial. Shrub, succulent. Ht 0.6–2 m. Alt 760–1400 m. WC
- rechingeri** B.Nord.
Perennial. Herb, geophyte, succulent. Ht 0.1–0.3 m. Alt ± 670 m. NC
- reticulata** DC.
Perennial. Herb. Ht 0.3–0.6 m. Alt? WC
- retrofracta** Jacq.
Doria carnosa DC. (36)
O. pinnatilobata Sch.Bip. (36)
Perennial. Dwarf shrub or herb, succulent. Ht 0.075–0.4 m. Alt? N, NC, WC
- retrofracta* F.Bolus, Bolus & Glover = **O. lasiocarpa**
- retrorsa** DC. var. **retrorsa**
Perennial. Herb or dwarf shrub, geophyte, succulent. Ht 0.05–0.35 m. Alt 640–1160 m. NC
- retrorsa** DC. var. **spektakelensis** (Compton) G.D.Rowley
O. spektakelensis Compton (33)
Perennial. Herb, geophyte. Ht 0.25–0.35 m. Alt 1060–1160 m. NC
- rhopalophylla* Dinter = **Senecio aloides**
- rigens* (L.) Levyns = **O. parviflora**
- rosea** Harv.
Perennial. Herb, succulent. Ht? Alt? NC
- rosea* Klatt = **Emilia ambifaria**
- rotundifolia** DC.
Perennial. Herb. Ht 0.3–0.4 m. Alt ± 90 m. NC
- rufibarbis** Harv.
Perennial. Herb, geophyte, succulent. Ht 0.3–0.4 m. Alt 6–1630 m. WC, EC
- scapigera* Harv. = **O. natalensis**
- schaeferi* Muschl. ex Dinter = **O. lasiocarpa**
- schlechteriana* Dinter = **Euryops asparagoides**
- sedifolia** DC.
Euryops schenkii O.Hoffm. (19, 21)
O. papillosa Dinter (19, 21)
Perennial. Dwarf shrub or suffrutex, succulent. Ht 0.075–0.6 m. Alt 5–1175 m. N, NC, WC
- sonchifolia** DC.
Perennial. Herb, succulent. Ht ± 0.12 m. Alt ± 460 m. WC
- sparsiflora** (S.Moore) B.Nord.
Euryops sparsiflorus S.Moore (17, 19)
O. floribunda of author, not of Schltr.; Range, concept invalid (17, 19)
Perennial. Dwarf shrub, succulent. Ht 0.3–0.6 m. Alt? N
- spektakelensis* Compton = **O. retrorsa** var. **spektakelensis**
- spinescens** DC.
Perennial. Shrub. Ht? Alt? NC
- stenophylla** Levyns
O. linifolia L.f. (13)
Perennial. Herb, geophyte, succulent. Ht 0.2–0.5 m. Alt 18–162 m. WC
- subumbellata* DC. = **O. quinquedentata**
- sulcata* Thunb. = **Euryops sulcatus**
- surculosa* Muschl. ex Dinter = **O. lasiocarpa**
- tagetes* L. = **Steirodiscus tagetes**
- tenuissima* Haw. = **O. cylindrica**
- tenuissima* L. = **Euryops tenuissimus** subsp. **tenuissimus**
- tephrosioides** Sond.
Perennial. Herb. Ht 0.3–0.45 m. Alt? WC
- tomentosa* Salisb., illegitimate name = **Euryops pectinatus** subsp. **pectinatus**
- trifida* L.f. = **Euryops trifidus**
- trifurcata* L.f. = **Euryops tenuissimus** subsp. **trifurcatus**
- trinervia** DC.
Perennial. Shrub. Ht? Alt? 'CP' (3)
- triplinervia** DC.
Perennial. Shrub, succulent. Ht 0.6–2.4 m. Alt 120–800 m. EC

tuberosa DC. = **O. heterophylla**

tuberosa Thunb. = **O. bulbosa**

umbelliformis DC.

Perennial. Herb or suffrutex. Ht up to 0.3 m. Alt? WC

uniflora Savigny = **Euryops abrotanifolius**

viminea E.Mey.

Perennial. Shrub or suffrutex. Ht? Alt? WC

virginea L.f. = **Euryops virgineus**

zeyheri Sond.

Perennial. Herb. Ht ± 0.1 m. Alt? 'SA' (3)

OTOCHLAMYS DC. 9350000

eckloniana DC. = **Cotula eckloniana**

pedunculata Schltr. = **Cotula pedunculata**

OXYLAENA Benth. ex Anderb. 9049010

Compiled by P.P.J. Herman

(1) Bentham. 1876. *Hooker's Icones Plantarum* 12: 9, t. 1109.

(2) Anderberg. 1991. *Opera Botanica* 104: 53.

acicularis (Benth.) Anderb.

Anaglypha acicularis Benth. (2)

Perennial. Shrub. Ht up to 0.5 m. Alt 0–50 m. WC

***PARTHENIUM** L. 9138000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 294–295.

hysterothorus L.

Annual. Herb. Ht up to 0.6 m. Alt 152–305 m. M, S, KZN

PECHUEL-LOESCHEA O.Hoffm. 8943000

Compiled by P.P.J. Herman

(1) Merxmüller. 1967. *FSWA* 139: 135.

(2) Wild. 1969. *Kirkia* 7: 133, 134.

leubnitziae (Kuntze) O.Hoffm.

Pluchea leubnitziae (Kuntze) N.E.Br. (1)

Perennial. Shrub. Ht 1–1.5 m. Alt 90–1340 m. N, B, LIM, M, S, NC

PEGOLETTIA Cass. 9073000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 122, 123.

(2) Bolus. 1907. *Transactions of the South African Philosophical Society* 18: 395, 396.

(3) Merxmüller. 1967. *FSWA* 139: 135–138.

(4) Anderberg. 1985. *Nordic Journal of Botany* 5: 57–59.

(5) Anderberg. 1986. *Cladistics* 2: 158–186.

acuminata DC. = **P. retrofracta**

acuminata of author, not of DC., concept invalid = **P. plumosa**

arenicola Dinter ex Range = **Amellus flosculosus**

baccaridifolia Less.

Carphopappus baccaridifolius (Less.) Sch.Bip. (5)

Iphiona baccaridifolia (Less.) Benth. & Hook.f. ex Dinter (3, 5)

Perennial. Shrub. Ht 0.25–1 m. Alt 0–500 m. N, WC, EC

dentata Bolus = **Anisothrix kuntzei**

garipeina Anderb.

Perennial. Shrub. Ht 0.2–1 m. Alt up to 1400 m. N, NC

lanceolata Harv.

Bojeria lanceolata (Harv.) Benth. ex B.D.Jacks. (5)

Inula lanceolata (Harv.) O.Hoffm. ex Burtt Davy & Pott-Leendertz (5)

Vernonia collina Klatt (5)

Perennial. Herb. Ht up to 0.4 m. Alt 1000–2500 m. M, S

oxydonta DC.

Perennial. Herb or subshrub. Ht 0.22–1 m. Alt 275–1850 m. N, NC

pinnatilibata (Klatt) O.Hoffm. ex Dinter

Fresenia pinnatilibata Klatt (3, 5)

Perennial. Subshrub. Length up to 0.15 m. Alt 1600–2000 m. N

plumosa M.D.Hend.

P. acuminata of author, not of DC., concept invalid (3, 5)

Perennial. Dwarf shrub. Ht up to 1 m. Alt 1000–1500 m. N

polygalaefolia Less. = **P. retrofracta**

retrofracta (Thunb.) Kies

Eupatorium retrofractum Thunb. (3, 5)

Fresenia foliosa Klatt (3, 5)

Iphiona acuminata (DC.) Benth. ex B.D.Jacks. (5)

Iphiona retrofracta (Thunb.) Druce (3, 5)

P. acuminata DC. (5)

P. polygalaefolia Less. (3, 5)

Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt 305–2336 m. N, B, LIM, NW, FS, L, NC, WC, EC

senegalensis Cass.

Annual, occ. perennial. Herb. Ht 0.2–0.6 m. Alt 70–1525 m. N, B, LIM, NW, G, M, S, KZN

tenella DC. = **Vernonia galpinii**

tenuifolia Bolus

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 1000–1250 m. LIM

***PENTANEMA** Cass. 9061060

Compiled by P.P.J. Herman

(1) Rechinger. 1980. *Flora Iranica* 145: 96–105.

(2) Tadesse. 1995. *Kew Bulletin* 50: 401–408.

(3) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 314.

indicum (L.) Y.Ling

Conyza kotschyi (Sch.Bip. ex Schweinf. & Asch.) Schweinf. & Asch. (2)

Inula indica L. (1, 2)

Vicoa auriculata Cass. (1, 2)

Annual. Herb. Ht 0.4–1 m. Alt 200–1200 m. NW

PENTATRICHIA Klatt 9061010

Compiled by P.P.J. Herman

(1) Moore. 1917. *Journal of Botany, London* 55: 106.

(2) Merxmüller. 1950. *Mitteilungen der Botanischen Staatssammlung München* 1,2: 43, 44.

(3) Merxmüller. 1954. *Mitteilungen der Botanischen Staatssammlung München* 1,9,10: 436–442.

(4) Merxmüller. 1967. *FSWA* 139: 138, 139.

alata S.Moore

Philyrophyllum alatum Burtt Davy (3)

Pulicaria alata E.Phillips (3)

Perennial. Shrub. Ht up to 1 m. Alt 1000–1936 m. LIM, M

avasmontana Merxm.

P. confertifolia Merxm. (4)

Pulicaria confertifolia Klatt ex Merxm. (4)

Tetratrichia avasmontana Dinter ex Merxm. (4)

Perennial. Shrub. Ht 0.3–0.75 m. Alt? N

confertifolia Merxm. = **P. avasmontana**

petrosa Klatt

Inula petrosa Klatt ex Range (3, 4)

Perennial. Shrub. Ht 0.5–3 m. Alt 660–2150 m. N, NC

rehmii (Merxm.) Merxm.

Inula rehmii Merxm. (3, 4)

Perennial. Shrub. Ht? Alt? N

PENTHERIELLA O.Hoffm. 8931010

krookii O.Hoffm. & Muschl. = **Heteromma krookii**

PENTZIA Thunb. 9366000

Compiled by P.P.J. Herman

- (1) Burchell. 1822. *Travels in the interior of southern Africa*: 400.
- (2) Harvey. 1865. *FC* 3: 171–174.
- (3) Moore. 1904. *Bulletin de l'Herbier Boissier* ser. 2, 4: 1020, 1021.
- (4) Hutchinson. 1916. *Kew Bulletin* 1916: 241–254.
- (5) Hutchinson. 1917. *Annals of the South African Museum* 9: 390–394.
- (6) Kies. 1945. *Journal of South African Botany* 11: 118–122.
- (7) Merxmüller & Eberle. 1957. *Mitteilungen der Botanischen Staatssammlung München* 2, 17, 18: 334.
- (8) Merxmüller. 1967. *FSWA* 139: 139–146.
- (9) Nordenstam. 1967. *Botaniska Notiser* 120: 199–201.
- (10) Nordenstam. 1987. *Botanische Jahrbücher* 108: 195–199.
- (11) Källersjö. 1988. *Botanical Journal of the Linnean Society* 96: 299–306.

acutiloba (DC.) Hutch. = **Myxopappus acutilobus**

albida (DC.) Hutch. = **Foveolina dichotoma**

annua DC. = **Foveolina dichotoma**

argentea Hutch.

P. quinquefida of author, not of Less.; Dinter, concept invalid (8)

Perennial. Shrub. Ht 0.3–0.75 m. Alt 60–1405 m. N, NC

athanasioides S.Moore = **Phymaspermum athanasioides**

bolusii Hutch.

Perennial. Shrub or suffrutex. Ht up to 0.3 m. Alt? WC

burchellii (DC.) Fenzl = **P. punctata**

calcarea Kies

P. cooperi of author, not of Harv.; Dinter, concept invalid (8)

Perennial. Shrub or suffrutex. Ht 0.12–0.7 m. Alt 230–1432 m. N, B, LIM, NW, G, FS, NC

calva S.Moore

P. microcephala Dinter ex Range (8)

Perennial. Shrub or dwarf shrub. Ht 0.07–0.6 m. Alt 1060–2100 m. N, B

caudiculata Thell. = **P. pinnatisecta**

cinerascens DC. = **P. sphaerocephala**

cooperi Harv.

Perennial. Shrub. Ht 0.3–1.5 m. Alt 1000–3320 m. G, M, FS, KZN, L, EC

cooperi of author, not of Harv.; Dinter, concept invalid = **P. calcarea**

dentata (L.) Kuntze

Gnaphalium dentatum L. (4)

P. flabelliformis Willd. (4)

Perennial. Shrub. Ht 0.3–2 m. Alt 120–3020 m. NC, WC, EC

dichotoma DC. = **Foveolina dichotoma**

eenii S.Moore = **Rennera eenii**

elegans DC.

Perennial. Shrub. Ht 0.5–2 m. Alt 550–1500 m. NC?, WC

flabelliformis Willd. = **P. dentata**

galpinii Hutch. = **Myxopappus hereroensis**

globifera Licht. ex Less. = **P. globosa**

globifera (Thunb.) Hutch. = **Oncosiphon piluliferum**

globosa Less.

P. globifera Licht. ex Less. (4)

Perennial. Shrub. Ht 0.1–0.7 m. Alt 550–1830 m. NW, G, FS, L, NC, WC, EC

grandiflora (Thunb.) Hutch. = **Oncosiphon grandiflorum**

grisea Muschl. ex Dinter = **P. sphaerocephala**

hereroensis O.Hoffm. = **Myxopappus hereroensis**

incana (Thunb.) Kuntze

Chrysanthemum incanum Thunb. (4)

P. virgata Less. (4)

Perennial. Shrub. Ht 0.15–1 m. Alt 25–1600 m. N, B, NW, FS, NC, WC, EC

integrifolia Muschl. ex Dinter = **P. monocephala**

intermedia Hutch. = **Oncosiphon intermedium**

lanata Hutch.

Perennial. Shrub. Ht 0.2–1 m. Alt 120–1500 m. N, B, LIM, NW, G, FS, NC, WC, EC

laxa Bremek. & Oberm. = **Rennera laxa**

macrocephala Dinter ex Merxm. & Eberle = **P. spinescens**

membranacea Hutch. = **Foveolina albidiformis**

microcephala Dinter ex Range = **P. calva**

monocephala S.Moore

P. integrifolia Muschl. ex Dinter (8)

Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 1460–1850 m. N, NW, G

nana Burch.

P. quinquefida (Thunb.) Less. var. *nana* (Burch.) Harv. (4)

Perennial. Shrub or suffrutex. Ht? Alt? NC

peduncularis B.Nord.

Perennial. Suffrutex. Ht 0.2–1 m. Alt 0–750 m. NC, WC

pilulifera (L.f.) Fourc. = **Oncosiphon piluliferum**

pinnatifida Oliv. = **Phymaspermum pinnatifidum**

pinnatisecta Hutch.

P. caudiculata Thell. (8)

Perennial. Shrub. Ht 0.2–1 m. Alt 765–1500 m. N, B, FS, NC

punctata Harv.

P. burchellii (DC.) Fenzl (4)

Perennial. Shrub. Ht 0.3–1.5 m. Alt 245–1920 m. FS, NC, WC, EC

quinquefida of author, not of Less.; Dinter, concept invalid = **P. argentea**

quinquefida (Thunb.) Less.

Cotula quinquefida Thunb. (4)

Perennial. Shrub. Ht 0.22–0.75 m. Alt 1000–1730 m. FS, NC, WC, EC

quinquefida (Thunb.) Less. var. *nana* (Burch.) Harv. = **P. nana**

sabulosa (Wolley-Dod) Hutch. = **Oncosiphon sabulosum**

schinziana (Thell.) Merxm. & Eberle = **Foveolina schinziana**

sphaerocephala DC.

P. cinerascens DC. (4)
P. grisea Muschl. ex Dinter (8)
 Perennial. Shrub. Ht 0.3–0.6 m. Alt 320–1525 m. N,
 FS, NC, WC, EC

spinescens Less.

P. macrocephala Dinter ex Merxm. & Eberle (8)
 Perennial. Shrub. Ht 0.25–0.6 m. Alt 910–1435 m. N,
 FS, NC, WC

stenocephala Thell. = **Phymaspermum acerosum**

suffruticosa (L.) Hutch. ex Merxm. = **Oncosiphon suffruticosum**

tanacetifolia (L.) Hutch. = **Oncosiphon suffruticosum**

tomentosa B.Nord.

Perennial. Shrub. Ht 1–1.5 m. Alt 1800–2500 m. N

tortuosa (DC.) Fenzl ex Harv.

Tanacetum tortuosum DC. (4)
 Perennial. Dwarf shrub. Ht 0.075–0.3 m. Alt 914–
 2450 m. L, NC, EC

tysonii Thell. = **Phymaspermum woodii**

virgata Less. = **P. incana**

viridis Kies

Perennial. Suffrutex or shrub. Ht 0.15–0.5 m. Alt
 1100–1405 m. NW, FS, NC, EC

woodii Thell. = **Phymaspermum woodii**

PERDICIUM L. 9528020

Compiled by N. Netnou

(1) Hansen. 1985. *Nordic Journal of Botany* 5: 543–546.

capense L.

Gerbera taraxaci (Vahl) Schltr. (1)
P. semiflosculare L. (1)
P. taraxaci Vahl (1)
 Perennial. Herb. Ht? Alt? WC

leiocarpum DC.

Gerbera leiocarpa (DC.) Schltr. (1)
 Perennial. Herb. Ht? Alt? WC

nervosum Thunb. = **Haplocarpha nervosa**

semiflosculare L. = **P. capense**

taraxaci Vahl = **P. capense**

PEROTRICHE Cass. 9038000

microphylla Sch.Bip. = **Stoebe schultzei**

PETALACTE D.Don 8995000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 288.
 (2) Lundgren. 1974. *Botaniska Notiser* 127: 119–124.

canescens DC. = **Langebergia canescens**

coronata (L.) D.Don

Gnaphalium coronatum L. (1, 2)
 Perennial. Shrub. Ht 0.12–0.9 m. Alt 15–1400 m. NC,
 WC

epaleata Hilliard & B.L.Burt = **Anderbergia epaleata**

vlokii Hilliard = **Anderbergia vlokii**

PETALACTELLA N.E.Br. 8996000

woodii N.E.Br. = **Trichogyne decumbens**

PEYROUSEA DC. 9365000

argentea Compton = **Schistostephium umbellatum**

calycina DC. = **Schistostephium umbellatum**

oxylepis DC. = **Schistostephium umbellatum**

umbellata (L.f.) Fourc. = **Schistostephium umbellatum**

PHAENOCOMA D.Don 8997000

Compiled by M. Koekemoer

(1) Harvey. 1865. *FC* 3: 44–530.
 (2) Letty. 1930. *The Flowering Plants of South Africa* 10: t. 388.

prolifera (L.) D.Don

Xeranthemum proliferum L. (1)
 Perennial. Shrub. Ht 0.5–1.2 m. Alt 0–1500 m. WC

PHAEOCEPHALUS S.Moore 9325000

gnidioides S.Moore = **Hymenolepis gnidioides**

PHANEROGLOSSA B.Nord. 9411040

Compiled by P.P.J. Herman

(1) Oliver. 1884. *Hooker's Icones Plantarum* 15: 44, 45, t. 1456.
 (2) Nordenstam. 1978. *Opera Botanica* 44: 66–68.

bolusii (Oliv.) B.Nord.

Senecio bolusii Oliv. (2)
 Perennial. Suffrutex, succulent. Ht up to 0.6 m. Alt
 300–1675 m. NC?, WC

PHILYROPHYLLUM O.Hoffm. 9083000

Compiled by P.P.J. Herman

(1) Merxmüller. 1967. *FSWA* 139: 146, 147.
 (2) Wild. 1980. *Kirkia* 12: 51, 52.
 (3) Herman. 2003. *Bothalia* 33: 118–120.

alatum Burt Davy = **Pentatrichia alata**

brandbergense P.P.J.Herman

Perennial. Suffrutex. Ht 0.4–0.6 m. Alt up to 2000 m.
 N

schinzii O.Hoffm.

Perennial. Herb. Ht 0.25–2 m. Alt 425–1780 m. N, B,
 LIM, NW

PHYMASPERMUM Less. emended 9336000
Källersjö

Compiled by P.P.J. Herman

(1) Kuntze. 1898. *Revisio generum plantarum* 3,11: 167.
 (2) Thellung. 1923. *Mitteilungen aus dem Botanischen Museum der Universität Zürich* 102: 446–448.
 (3) Hilliard. 1973. *Notes from the Royal Botanic Garden Edinburgh* 32: 330, 331.
 (4) Hilliard. 1977. *Compositae in Natal*: 333–343.
 (5) Källersjö. 1985. *Nordic Journal of Botany* 5: 535–538.
 (6) Brusse. 1989. *Bothalia* 19: 29–31.

acerosum (DC.) Källersjö

Athanasia acerosa (DC.) Harv. (5)
Athanasia natalensis Schltr. (4)
Morysia acerosa DC. (5)
Pentzia stenocephala Thell. (4)
 Perennial. Shrub. Ht 0.22–2 m. Alt 90–2200 m. M, S,
 FS, KZN, L, EC

aciculare (E.Mey. ex Harv.) Benth. & Hook. ex B.D.
 Jacks.

Iocaste acicularis E.Mey. ex Harv. (5)
 Perennial. Shrub. Ht up to 0.9 m. Alt 655–2100 m. N,
 NW, FS, NC, WC, EC

appressum Bolus

Perennial. Shrub. Ht 0.4–1.2 m. Alt 732–1500 m. WC

argenteum Brusse

- Perennial. Suffrutex. Ht 0.75–0.85 m. Alt up to 2072 m. LIM, S
- athanasioides** (S.Moore) Källersjö
Brachymeris athanasioides (S.Moore) Hutch. (5)
Pentzia athanasioides S.Moore (5)
Perennial. Shrub. Ht 0.4–2 m. Alt 1520–1980 m. LIM, NW, G, M, S, FS
- bolusii** (Hutch.) Källersjö
Brachymeris bolusii Hutch. (5)
Perennial. Shrub. Ht 0.4–2 m. Alt 910–1850 m. LIM, M, S, FS
- equisetoides** Thell.
Perennial. Suffrutex. Ht up to 0.3 m. Alt? L
- erubescens** (Hutch.) Källersjö
Brachymeris erubescens Hutch. (5)
Perennial. Dwarf shrub or herb. Ht 0.3–0.6 m. Alt 460–1065 m. EC
- junceum** Less.
Perennial. Suffrutex. Ht 0.5–1 m. Alt 600–800 m. WC
- leptophyllum** (DC.) Benth. & Hook. ex B.D.Jacks.
Adenachaena leptophylla DC. (5)
Perennial. Shrub. Ht 0.6–1.6 m. Alt 500–600 m. WC
- montanum** (Hutch.) Källersjö
Brachymeris montana Hutch. (5)
Perennial. Shrub. Ht 0.15–1.5 m. Alt 1210–1950 m. LIM, NW, G, M
- parvifolium** (DC.) Benth. & Hook. ex B.D.Jacks.
Adenachaena parvifolia DC. (5)
Perennial. Dwarf shrub. Ht 0.1–0.8 m. Alt 155–1890 m. FS, NC, WC, EC
- peglerae** (Hutch.) Källersjö
Brachymeris peglerae Hutch. (5)
Perennial. Shrub. Ht 0.6–0.75 m. Alt 500–1000 m. EC
- pinnatifidum** (Oliv.) Källersjö
Athanasia pinnatifida (Oliv.) Hilliard (5)
Pentzia pinnatifida Oliv. (5)
Perennial. Herb. Ht 0.25–0.8 m. Alt 610–945 m. KZN
- pubescens** Kuntze
Perennial. Shrub. Ht 0.15–0.9 m. Alt 1200–1525 m. NC, WC, EC
- schroeteri** Compton
Perennial. Shrub. Ht 0.3–1.2 m. Alt 1000–1740 m. NC, WC
- scoparium** (DC.) Källersjö
Brachymeris scoparia DC. (5)
Perennial. Shrub. Ht 0.6–0.9 m. Alt 1000–1640 m. NC, EC
- villosum** (Hilliard) Källersjö
Athanasia villosa Hilliard (5)
Perennial. Herb. Ht up to 0.5 m. Alt 600–1370 m. KZN, EC
- woodii** (Thell.) Källersjö
Athanasia woodii (Thell.) Hilliard (5)
Pentzia tysonii Thell. (4)
Pentzia woodii Thell. (5)
Perennial. Herb. Ht up to 0.5 m. Alt 1140–2745 m. M, KZN, L, EC
- *PICRIS** L. 9575000
Compiled by P.P.J. Herman
(1) Hilliard. 1977. *Compositae in Natal*: 604–606.
- echioides** L.
Annual, occ. perennial. Herb. Ht up to 1 m. Alt 300–1400 m. NW, G, FS, KZN, WC, EC
- hieracioides** L.
Biennial or perennial. Herb. Ht up to 2 m. Alt 500–1000 m. KZN
- PILOSELLOIDES** C.Jeffrey 9528010
cordata (Thunb.) C.Jeffrey = **Gerbera cordata**
hirsuta (Forssk.) C.Jeffrey = **Gerbera piloselloides**
- PLANEA** P.O.Karis 9043030
Compiled by M. Koekemoer
(1) Karis. 1990. *Journal of the Linnean Society, Botany* 102: 23–36.
- schlechteri** (L.Bolus) P.O.Karis
Metalasia schlechteri L.Bolus (1)
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 700–1000 m. WC
- PLATYCARPHA** Less. 9441000
Compiled by E. Retief
(1) Harvey & Sonder. 1865. *FC* 3: 54.
(2) Oliver & Hiern. 1877. *FTA* 3: 429–430.
(3) Moore. 1903. *Journal of Botany, London* 41: 136, 137.
(4) Retief & Herman. 1997. *Strelitzia* 6: 330.
(5) Goldblatt & Manning. 2000. *Strelitzia* 9: 352.
- carlinoides** Oliv. & Hiern
Perennial. Herb, acaulescent. Spread up to 0.4 m. Alt 700–1645 m. N, B, FS, NC
- glomerata** (Thunb.) Less.
Cynara glomerata Thunb. (1)
Stobaea glomerata (Thunb.) Spreng. (1)
Perennial. Herb, acaulescent. Spread up to 0.6 m. Alt 5–460 m. KZN, EC
- parvifolia** S.Moore
Perennial. Herb, acaulescent. Spread up to 0.08 m. Alt 1200–1500 m. NW, M, FS
- PLECOSTACHYS** Hilliard & B.L.Burt 8992040
Compiled by P.P.J. Herman
(1) Hilliard. 1983. *FSA* 33,7,2: 49–51.
- polifolia** (Thunb.) Hilliard & B.L.Burt
Gnaphalium dodii Levyns (1)
Gnaphalium polifolium Thunb. (1)
Helichrysum serpyllifolium (P.J.Bergius) Pers. var. *polifolium* (Thunb.) DC. (1)
Perennial. Dwarf shrub. Ht 0.3–1.06 m. Alt 90–1525 m. S, KZN, WC, EC
- serpyllifolia** (P.J.Bergius) Hilliard & B.L.Burt
Gnaphalium orbiculare Thunb. (1)
Gnaphalium serpyllifolium P.J.Bergius (1)
Helichrysum orbiculare (Thunb.) Druce (1)
Helichrysum serpyllifolium (P.J.Bergius) Pers. (1)
Helichrysum serpyllifolium (P.J.Bergius) Pers. var. *orbiculare* (Thunb.) DC. (1)
Perennial. Dwarf shrub. Ht 0.25–1.21 m. Alt 5–1524 m. KZN, WC, EC
- PLEIOTAXIS** Steetz 9499000
Compiled by N. Netnou
(1) Merxmüller. 1967. *FSWA* 139: 148.
(2) Wild. 1972. *Kirkia* 8: 200.
(3) Pope. 1992. *FZ* 6,1: 16, 17.
- antunesii** O.Hoffm.
Vernonia schoenfeldiana Dinter ex Merxm. (1)

Perennial. Herb. Ht 0.2–0.6 m. Alt? N

eximia O.Hoffm. subsp. **eximia**

Perennial. Herb. Ht 0.15–1.3 m. Alt? B

PLUCHEA Cass. 8941000

Compiled by P.P.J. Herman

- (1) Oliver & Hiern. 1877. *FTA* 3: 327–330.
- (2) Mattfeld. 1922. *Notizblatt des Botanischen Gartens und Museums zu Berlin-Dahlem* 8: 177.
- (3) Merxmüller. 1967. *FSWA* 139: 149.
- (4) Hilliard. 1977. *Compositae in Natal*: 116, 117.
- (5) Merxmüller & Roessler. 1979. *Mitteilungen der Botanischen Staatssammlung München* 15: 374.
- (6) Anderberg. 1991. *Plant Systematics and Evolution* 176: 164–166.
- (7) King-Jones. 2001. *Englera* 23: 1–136.

bojeri (DC.) Humbert

P. integrifolia Mattf. (7)

Perennial. Shrub or herb. Ht 0.45–3.5 m. Alt 10–1310 m. N, B, LIM, M, S, KZN

integrifolia Mattf. = **P. bojeri**

leubnitziae (Kuntze) N.E.Br. = **Pechuel-Loeschea leubnitziae**

lycioides (Hiern) Merxm.

Psiadia lycioides Hiern (3, 7)

Perennial. Shrub. Ht up to 1.5 m. Alt? N

nitens O.Hoffm. = **Nicolasia nitens** var. **nitens**

ovalis (Pers.) DC.

Baccharis ovalis Pers. (1, 5, 7)

Perennial. Shrub. Ht 1–2 m. Alt up to 1000 m. N

scabrida DC. = **Conyza scabrida**

POECILOLEPIS Grau 8919020

Compiled by P.P.J. Herman

- (1) Grau. 1977. *Mitteilungen der Botanischen Staatssammlung München* 13: 243–254.
- (2) Herman et al. 1997. *List of southern African succulent plants*: 40.

ficoidea (DC.) Grau

Aster ficoideus (DC.) Harv. (1)

Felicia ficoidea DC. (1)

Annual, occ. perennial. Herb, succulent. Ht up to 0.21 m. Alt 1–10 m. WC, EC

maritima (Bolus) Grau

Felicia maritima Bolus (1)

Annual, occ. perennial. Herb. Ht up to 0.2 m. Alt 0–10 m. WC

POLYARRHENA Cass. 8919010

Compiled by P.P.J. Herman

- (1) Grau. 1970. *Mitteilungen der Botanischen Staatssammlung München* 7: 347–368.

imbricata (DC.) Grau

Aster imbricatus (DC.) Harv. (1)

Aster worcesterensis Kuntze (1)

Felicia imbricata DC. (1)

Perennial. Dwarf shrub. Ht 0.13–0.2 m. Alt 1200–2000 m. WC

prostrata Grau subsp. **dentata** Grau

Perennial. Dwarf shrub. Length up to 0.4 m. Alt? WC

prostrata Grau subsp. **prostrata**

Perennial. Dwarf shrub. Length up to 0.4 m. Alt 300–1400 m. WC

reflexa (L.) Cass. subsp. **brachyphylla** (Sond. ex Harv.) Grau

Aster reflexus L. var. *brachyphyllus* Sond. ex Harv. (1)

Perennial. Shrub. Ht up to 1 m. Alt 100–762 m. WC

reflexa (L.) Cass. subsp. **reflexa**

Aster imbricatus L. (1)

Aster reflexus L. (1)

Chrysocoma scabra Thunb. (1)

Cullumia setosa Sieber ex DC. (1)

Elphegea reflexa (L.) Less. (1)

Felicia reflexa (L.) DC. (1)

Xeranthemum ciliatum L. (1)

Perennial. Shrub. Ht 0.3–1 m. Alt 90–800 m. WC

stricta Grau

Perennial. Shrub. Ht up to 0.25 m. Alt 90–1000 m. WC

POLYCHAETIA Less. 9048020

acerosa DC. = **Relhania acerosa**

brevifolia DC. = **Geigeria brevifolia**

garnotii Less. = **Relhania garnotii**

oppositifolia DC. = **Rosenia oppositifolia**

pectidea DC. = **Geigeria pectidea**

tricephala DC. = **Relhania tricephala**

POLYMNIA L. 9122000

carnosa L.f. = **Didelta carnosa** var. **carnosa**

spinosa L.f. = **Didelta spinosa**

PORCELLITES Less. 9572010

brasiliensis Less. = **Hypochoeris brasiliensis**

PRENANTHES L. 9606000

japonica L. = **Youngia japonica**

sarmentosa Willd. = **Launaea sarmentosa**

PRINTZIA Cass. 9059000

Compiled by P.P.J. Herman

- (1) Kroner. 1980. *Mitteilungen der Botanischen Staatssammlung München* 16: 108–128, 206–232.

aromatica (L.) Less.

Inula aromatica L. (1)

Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 60–1300 m. WC

asteroides Schltr. ex Bews = **Lepidostephium asteroides**

auriculata Harv.

P. densifolia J.M.Wood & M.S.Evans (1)

P. laxa N.E.Br. (1)

Perennial. Shrub. Ht 0.3–2 m. Alt 610–2450 m. M, FS, KZN, L, EC

bergii Cass., illegitimate name = **P. polifolia**

cernua (P.J.Bergius) Druce = **P. polifolia**

densifolia J.M.Wood & M.S.Evans = **P. auriculata**

huttoni Harv.

Perennial. Shrub. Ht up to 0.75 m. Alt 1000–1712 m. EC

laxa N.E.Br. = **P. auriculata**

nutans (Bolus) Leins

Bojeria nutans Bolus (1)

Perennial. Herb. Ht 0.4–0.6 m. Alt 610–2750 m. FS, KZN, L

polifolia (L.) Hutch.*Aster papposus* Willd. ex Spreng. (1)*Aster polifolius* L. (1)*Inula cernua* P.J.Bergius (1)*Leysera polifolia* (L.) Thunb. (1)*P. bergii* Cass., illegitimate name (1)*P. cernua* (P.J.Bergius) Druce (1)

Perennial. Shrub. Ht 0.3–2 m. Alt 60–1200 m. WC, EC

pyrifolia Less.

Perennial. Shrub. Ht 0.9–1.6 m. Alt 600–1700 m. FS, KZN, L, EC

PRISTOCARPHA E.Mey. ex DC. 9326050*capitata* E.Mey. ex DC. = **Athanasia capitata****PSATHUROCHAETA** DC. 9204020*dregei* DC. = **Melanthera scandens** subsp. **dregei****PSEDNOTRICHIA** Hiern 8860000*australis* Alston = **Felicia australis****PSEUDOCONYZA** Cuatrec. 8940010

Compiled by P.P.J. Herman

(1) Wild. 1969. *Kirkia* 7: 128.(2) Anderberg. 1991. *Plant Systematics and Evolution* 176: 160.(3) Fayed & Mohamed. 1991. *Willdenowia* 20: 92.**viscosa** (Mill.) D'Arcy*Blumea aurita* (L.f.) DC. (3)*Blumea viscosa* (Mill.) V.M.Badillo (2)*Conyza aurita* L.f. (1, 3)*Laggera aurita* (L.f.) Sch.Bip. ex C.B.Clarke (1, 2)*Laggera lyrata* (Humb., Bonpl. & Kunth) Leins (2)

Annual. Herb. Ht 0.3–1 m. Alt 245–610 m. N, B, LIM, M

PSEUDOGNAPHALIUM Kirp. 8992050

Compiled by P.P.J. Herman

(1) Hilliard. 1983. *FSA* 33,7,2: 53–56.**luteo-album** (L.) Hilliard & B.L.Burt*Gnaphalium luteo-album* L. (1)*Gnaphalium trifidum* Thunb. (1)

Annual. Herb. Ht 0.13–0.5 m. Alt 5–2408 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

oligandrum (DC.) Hilliard & B.L.Burt*Anaphalis oligandra* DC. (1)*Gnaphalium oligandrum* (DC.) Hilliard & B.L.Burt (1)

Annual. Herb. Ht 0.22–1 m. Alt 5–2135 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

undulatum (L.) Hilliard & B.L.Burt*Gnaphalium undulatum* L. (1)*Helichrysum montosicolum* Gand. (1)

Annual. Herb. Ht 0.15–0.6 m. Alt 40–2745 m. N, G, FS, KZN, L, NC, WC, EC

PSIADIA Jacq. 8923000

Compiled by P.P.J. Herman

(1) Merxmüller. 1967. *FSWA* 139: 150.(2) Wild. 1975. *Kirkia* 10: 23–25.*aparine* Muschl. = **P. punctulata***arabica* Jaub. & Spach = **P. punctulata***lycioides* Hiern = **Pluchea lycioides****punctulata** (DC.) Oliv. & Hiern ex Vatke*Nidorella punctulata* DC. (1, 2)*P. aparine* Muschl. (1)*P. arabica* Jaub. & Spach (1, 2)*P. resiniflua* (Hochst. & Steud. ex DC.) Schweinf. & Asch. (2)*P. vernicosa* Schinz (1)

Perennial. Shrub. Ht 0.7–2 m. Alt 585–1524 m. N, B, LIM, NW, G, M, NC

resiniflua (Hochst. & Steud. ex DC.) Schweinf. & Asch. = **P. punctulata***vernicosa* Schinz = **P. punctulata****PSILOTHAMNUS** DC. 9421040*adpressifolius* DC. = **Euryops ericifolius***ericifolius* (Bél.) DC. = **Euryops ericifolius****PSILOTHONNA** E.Mey. 9421030*capillacea* (Thunb.) E.Phillips = **Steirodiscus capillaceus***gamolepis* (Bolus ex Schltr.) E.Phillips = **Steirodiscus gamolepis***schlechteri* (Bolus ex Schltr.) E.Phillips = **Steirodiscus schlechteri***speciosa* (Pillans) E.Phillips = **Steirodiscus speciosus***tagetes* (L.) E.Mey. = **Steirodiscus tagetes****PTERONIA** L. 8862000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 95–111.(2) Muschler. 1912. *Botanische Jahrbücher* 46: 95–103.(3) Hutchinson & Phillips. 1917. *Annals of the South African Museum* 9: 277–329.(4) Hutchinson & Phillips. 1922. *Kew Bulletin* 1922: 28, 196, 197.(5) Compton. 1931. *Transactions of the Royal Society of South Africa* 19: 314.(6) Dinter. 1932. *Feddes Repertorium* 30: 181–184.(7) Fourcade. 1934. *Transactions of the Royal Society of South Africa* 21: 87.(8) Merxmüller. 1952. *Mitteilungen der Botanischen Staatssammlung München* 1: 123–129.(9) Nordenstam. 1961. *Botaniska Notiser* 114: 279.(10) Henderson. 1962. *The Flowering Plants of Africa* 35: t. 1376.(11) Merxmüller. 1967. *FSWA* 139: 150–159.(12) Nordenstam. 1971. *Botaniska Notiser* 124: 9–14.(13) Brusse. 1990. *Bulletin du Jardin Botanique National de Belgique* 60: 151–154.(14) Van Jaarsveld & Nordenstam. 1993. *Aloe* 30: 10–12.(15) Herman *et al.* 1997. *List of southern African succulent plants*: 40.*acerosa* DC. = **P. teretifolia****acuminata** DC.*Dicoma ramosissima* Klatt (11)*P. carmosa* Muschl. (3, 11)*P. feddeana* Muschl. (3, 11)

Perennial. Shrub. Ht 0.3–1.2 m. Alt 915–1405 m. N, B, NC

acuta Muschl.

Perennial. Shrub. Ht 0.15–0.22 m. Alt 1150–1190 m. N, FS, NC, EC

adenocarpa Harv.*P. viscosa* DC. (1, 3)

Perennial. Shrub. Ht 0.15–0.9 m. Alt 305–1370 m. NC, WC, EC

aizoides Muschl. = **Eremothamnus marlothianus****ambrariifolia** Schltr.

Perennial. Shrub. Ht 0.3–1 m. Alt 660–1065 m. WC

anisata B.Nord.

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt? NC

anisata Dinter ex Merxm. = **P. glabrata**

aspalatha DC.

Perennial. Shrub. Ht 0.3–0.76 m. Alt 914–1315 m. NC, WC

aspera Thunb. = **P. camphorata** var. **camphorata**

baccharoides Less. = **P. teretifolia**

beckeoides DC.

Perennial. Shrub. Ht? Alt up to 1130 m. WC

bolusii E. Phillips

Perennial. Shrub. Ht up to 0.6 m. Alt 790–1310 m. NC, EC

bromoides S. Moore = **P. lucilioides**

callosa DC.

Perennial. Suffrutex. Ht up to 0.15 m. Alt? EC?

calvescens Drège, naked name = **P. gymnocline**

camphorata (L.) L. var. **armata** Harv.

Perennial. Shrub. Ht 0.75–1.5 m. Alt 100–1600 m. WC

camphorata (L.) L. var. *aspera* (Thunb.) Harv. = **P. camphorata** var. **camphorata**

camphorata (L.) L. var. **camphorata**

P. aspera Thunb. (3)

P. camphorata (L.) L. var. *aspera* (Thunb.) Harv. (3)

P. laricina Houtt. ex DC. (3)

Perennial. Shrub. Ht 0.15–1.5 m. Alt 100–3500 m. NC, WC

camphorata (L.) L. var. **laevigata** Harv.

Perennial. Shrub. Ht 0.3–1.2 m. Alt 670–1600 m. NC, WC, EC

camphorata (L.) L. var. **longifolia** Harv.

Perennial. Shrub. Ht 0.8–2 m. Alt 10–1160 m. WC

camphorata (L.) L. var. *stricta* (Aiton) Harv. = **P. stricta** var. **stricta**

cancellata Dinter = **P. pomonae**

candollei Harv. = **P. glauca**

canescens DC. = **P. cinerea**

carnosa Muschl. = **P. acuminata**

centauroides DC.

Perennial. Shrub. Ht up to 0.3 m. Alt 300–610 m. WC

chlorolepis Dinter = **P. sordida**

chrysocomifolia Poir. = **P. stricta** var. **stricta**

ciliata Thunb.

P. turbinata DC. (3)

Perennial. Shrub. Ht 0.15–1 m. Alt 150–1150 m. N, NC, WC

cinerea L.f.

P. canescens DC. (1, 3)

Perennial. Dwarf shrub. Ht 0.3–0.9 m. Alt 600–1140 m. NC, WC

connata DC. = **P. flexicaulis**

cylindracea DC.

Perennial. Shrub. Ht 0.25–0.75 m. Alt 1060–2100 m. N, B, NC

decumbens Banks ex S. Moore = **P. fastigiata**

dinteri S. Moore = **P. mucronata**

diosmifolia Brusse

Perennial. Shrub. Ht up to 0.5 m. Alt 1–5 m. WC

divaricata (P.J. Bergius) Less.

Eupatorium divaricatum P.J. Bergius (1, 11)

Perennial. Shrub. Ht 0.5–2 m. Alt 5–1200 m. N, NC, WC

echinata Thunb. = **Felicia echinata**

eenii S. Moore

Dicoma seitziana Dinter (11)

P. feldtmanniana Dinter ex Merxm., naked name (11)

Perennial. Shrub. Ht 0.3–0.5 m. Alt 1000–1525 m. N

elata B. Nord.

Perennial. Shrub. Ht 1–2 m. Alt? NC

elegans Sch. Bip. ex Walp. = **P. tenuifolia**

elongata Thunb.

Perennial. Shrub. Ht 0.3–0.6 m. Alt 150–1370 m. WC, EC

empetrifolia DC.

Perennial. Shrub. Ht 0.25–0.6 m. Alt 500–1370 m. NC, WC

engleriana Muschl. = **Amphiglossa tomentosa**

erythrochaeta DC.

Perennial. Shrub. Ht 0.3–0.9 m. Alt 1000–1435 m. FS, NC, EC

fasciculata L.f.

Perennial. Shrub. Ht 0.3–1.6 m. Alt 305–1150 m. NC, WC

fastigiata Thunb.

P. decumbens Banks ex S. Moore (3)

P. paniculata Thunb. var. *fastigiata* (Thunb.) Harv. (3)

Perennial. Shrub. Ht 0.3–0.8 m. Alt 300–900 m. NC, WC

feddeana Muschl. = **P. acuminata**

feldtmanniana Dinter ex Merxm., naked name = **P. eenii**

flexicaulis L.f.

P. connata DC. (1, 3)

Perennial. Shrub. Ht 0.25–1 m. Alt 100–1500 m. WC

flexicaulis DC. = **P. paniculata**

foleyi Hutch. & E. Phillips

Perennial. Shrub. Ht ± 0.3 m. Alt? WC

geigerioides Muschl. ex Dinter = **Athanasia minuta** subsp. **minuta**

glabrata DC. = **P. glauca**

glabrata L.f.

P. anisata Dinter ex Merxm. (8, 11)

P. sesuvifolia DC. (1, 3, 11)

P. succulenta of author, not of Thunb., concept invalid (11)

Perennial. Shrub, succulent. Ht 0.2–1.2 m. Alt 5–1200 m. N, NC, WC

glauca Thunb.

P. candollei Harv. (3)

P. glabrata DC. (3)

P. latisquama DC. (1, 3)

P. thymifolia Muschl. & Dinter (3, 11)

Perennial. Shrub. Ht 0.3–0.7 m. Alt 500–2500 m. N, B, FS, NC, WC, EC

glaucescens DC.

Perennial. Shrub. Ht 0.3–0.9 m. Alt 1000–1525 m. FS, NC, EC

glomerata in sense of Range, not of L.f., misapplied name = **P. sordida**

glomerata L.f.*P. microphylla* DC. (1, 3)Perennial. Shrub. Ht 0.15–0.76 m. Alt 460–1890 m.
NC, WC, EC**gymnocline** DC.*P. calvescens* Drège, naked name (1, 3)

Perennial. Shrub. Ht? Alt up to 300 m. NC

gymnocline E.Mey. = **P. lucilioides****heterocarpa** DC.Perennial. Shrub, succulent. Length 0.15–0.8 m. Alt
150–600 m. WC**hirsuta** L.f.*P. retorta* L.f. (1, 3)*P. uniflora* Poir. (3)Perennial. Herb or dwarf shrub. Ht 0.15–0.6 m. Alt
27–700 m. NC?, WC**hutchinsoniana** Compton

Perennial. Shrub. Ht up to 0.5 m. Alt ± 520 m. WC

incana (Burm.) DC.*Chrysocoma incana* Burm. (1, 2)*P. xantholepis* DC. (1, 3)Perennial. Shrub. Ht 0.3–1.5 m. Alt 0–2500 m. NC,
WC, EC**inflexa** Thunb. ex L.f.*P. lupulina* DC. (1, 3)Perennial. Shrub. Ht 0.15–0.45 m. Alt 60–1130 m. N,
NC, WC**intermedia** Hutch. & E.PhillipsPerennial. Shrub. Ht 0.2–0.6 m. Alt 430–580 m. NC,
WC*kingesii* Merxm. = **P. polygalifolia***laricina* Hoult. ex DC. = **P. camphorata** var. **camphorata***latisquama* DC. = **P. glauca****leptospermoides** DC.

Perennial. Shrub. Ht 0.7–1.5 m. Alt 305–1350 m. NC

leucoclada Turcz.Perennial. Shrub. Ht 0.3–0.6 m. Alt 700–1220 m. N,
NC**leucoloma** DC.

Perennial. Shrub. Ht? Alt? NC

lucilioides DC.*P. bromoides* S.Moore (3, 11)*P. gymnocline* E.Mey. (3)*P. lucilioides* DC. var. *sparsifolia* Harv. (3)*P. quadrifaria* Dinter (11)*P. roeseமானiana* Dinter ex Merxm. (11)Perennial. Shrub. Ht 0.2–2.5 m. Alt 190–2000 m. N,
NC*lucilioides* DC. var. *sparsifolia* Harv. = **P. lucilioides***lupulina* DC. = **P. inflexa***lycioides* Muschl. ex Dinter = **P. scariosa***marlothiana* (O.Hoffm.) Dinter = **Eremothamnus mar-**
lothianus**membranacea** L.f.Perennial. Shrub. Ht 0.4–1 m. Alt 500–1530 m. WC,
EC*microphylla* DC. = **P. glomerata***minuta* L.f. = **Athanasia minuta** subsp. **minuta****mooreiana** Hutch.

Perennial. Shrub. Ht? Alt? 'CP?'

mucronata DC.*P. dinteri* S.Moore (3, 11)*P. mucronata* DC. subsp. *dinteri* (S.Moore) Merxm. (11)Perennial. Shrub. Ht 0.15–1 m. Alt 600–1800 m. N, B,
FS, NC, WC*mucronata* DC. subsp. *dinteri* (S.Moore) Merxm. = **P.**
mucronata**oblanceolata** E.PhillipsPerennial. Shrub. Ht 0.3–1 m. Alt 370–1065 m. NC,
WC**onobromoides** DC.Perennial. Shrub. Ht 0.3–1.5 m. Alt 0–150 m. N, NC,
WC**oppositifolia** L.

Perennial. Shrub. Ht up to 0.3 m. Alt 130–780 m. WC

ovalifolia DC.

Perennial. Shrub. Ht 0.2–1.2 m. Alt 0–670 m. NC, WC

pallens L.f.Perennial. Shrub. Ht 0.15–1 m. Alt 305–915 m. NC,
WC**paniculata** Thunb.*P. flexicaulis* DC. (1, 3)Perennial. Shrub, succulent. Ht 0.15–1.5 m. Alt 10–
1524 m. N, NC, WC, EC*paniculata* Thunb. var. *fastigiata* (Thunb.) Harv. = **P.**
fastigiata*pauciflora* Sims = **Syncarpha stachelina****pillansii** Hutch.

Perennial. Dwarf shrub. Ht 0.3–0.45 m. Alt? NC, WC?

polygalifolia O.Hoffm.*P. kingesii* Merxm. (11)*P. quinquecostata* Dinter (11)Perennial. Shrub or dwarf shrub. Ht 0.25–0.7 m. Alt?
N**pomonae** Merxm.*P. cancellata* Dinter (8, 11)*P. villosa* in sense of Dinter, not of L.f., misapplied name (8, 11)

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt ± 200 m. N

punctata E.PhillipsPerennial. Shrub. Ht 0.15–0.6 m. Alt 730–1310 m. FS,
NC, EC*quadrifaria* Dinter = **P. lucilioides***quinquecostata* Dinter = **P. polygalifolia****quinqueflora** DC.Perennial. Dwarf shrub. Ht up to 0.2 m. Alt ± 855 m.
EC**rangei** Muschl.

Perennial. Shrub. Ht up to 0.5 m. Alt 1300–1600 m. N

retorta L.f. = **P. hirsuta***roeseமானiana* Dinter ex Merxm. = **P. lucilioides****scabra** Harv.Perennial. Dwarf shrub. Ht up to 0.2 m. Alt 60–300 m.
WC**scariosa** L.f.*P. lycioides* Muschl. ex Dinter (11)Perennial. Shrub. Ht 0.3–1.5 m. Alt 365–1370 m. N,
NC, WC*sesuviifolia* DC. = **P. glabrata****sordida** N.E.Br.*P. chlorolepis* Dinter (11)*P. glomerata* in sense of Range, not of L.f., misapplied name (11)

- Perennial. Shrub or dwarf shrub. Ht 0.2–0.6 m. Alt 790–1435 m. N, FS, NC, WC, EC
- spinulosa** E.Phillips
Perennial. Shrub. Ht 0.1–0.4 m. Alt ± 40 m. N
- stachelinoides** DC.
Perennial. Shrub. Ht 0.3–0.45 m. Alt 550–1370 m. WC, EC
- stricta** Aiton var. **longifolia** E.Phillips
Perennial. Shrub. Ht 0.6–1.5 m. Alt 240–1525 m. WC, EC
- stricta** Aiton var. **stricta**
P. camphorata (L.) L. var. *stricta* (Aiton) Harv. (3)
P. chrysocomifolia Poir. (3)
Perennial. Shrub. Ht 0.5–3 m. Alt 450–2000 m. WC
- succulenta** of author, not of Thunb., concept invalid = **P. glabrata**
- succulenta** Thunb.
Perennial. Dwarf shrub, succulent. Ht 0.1–0.8 m. Alt 390–490 m. NC, WC
- tenuifolia** DC.
P. elegans Sch.Bip. ex Walp. (3)
Perennial. Herb. Ht up to 0.3 m. Alt? WC
- teretifolia** (Thunb.) Fourc.
Osteospermum teretifolium Thunb. (7)
P. acerosa DC. (3)
P. baccharoides Less. (3, 7)
P. trigona E.Phillips (3)
Perennial. Shrub. Ht 0.45–1.2 m. Alt 45–800 m. WC, EC
- thymifolia** Muschl. & Dinter = **P. glauca**
- tricephala** DC.
Perennial. Shrub. Ht 0.3–0.8 m. Alt 1200–1600 m. FS, NC, EC
- trigona** E.Phillips = **P. teretifolia**
- turbinata** DC. = **P. ciliata**
- uncinata** DC.
P. verticillata DC. (1, 3)
Perennial. Shrub. Ht 0.45–0.8 m. Alt 5–800 m. WC
- undulata** DC.
Perennial. Shrub. Ht 0.3–1.5 m. Alt 500–1140 m. NC
- unguiculata** S.Moore
Perennial. Shrub. Ht 0.22–0.6 m. Alt 700–1525 m. N, NC, WC
- uniflora** Poir. = **P. hirsuta**
- utilis** Hutch.
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? WC
- verticillata** DC. = **P. uncinata**
- villosa** in sense of Dinter, not of L.f., misapplied name = **P. pomonae**
- villosa** L.f.
Perennial. Shrub. Ht 0.4–0.5 m. Alt? N, NC
- viscosa** DC. = **P. adenocarpa**
- viscosa** Thunb.
Perennial. Dwarf shrub. Ht 0.2–0.9 m. Alt 430–1524 m. N, NC, WC, EC
- xantholepis** DC. = **P. incana**
- PTEROTHRIX** DC. 9042000
engleriana (Muschl.) Hutch. & E.Phillips = **Amphiglossa tomentosa**
- flaccida** Schltr. ex Hutch. & E.Phillips = **Amphiglossa tomentosa**
- perotrichoides** (DC.) Harv. = **Amphiglossa perotrichoides**
- spinescens** DC. = **Amphiglossa triflora**
- tecta** Brusse = **Amphiglossa tecta**
- thuja** Merxm. = **Amphiglossa thuja**
- tomentosa** DC. = **Amphiglossa tomentosa**
- trifurcata** C.A.Sm. ex Merxm. = **Amphiglossa thuja**
- PULICARIA** Gaertn. 9078000
Compiled by P.P.J. Herman
(1) Hilliard. 1977. *Compositae in Natal*: 281, 282.
- alata** E.Phillips = **Pentatrichia alata**
- capensis** DC. = **P. scabra**
- capensis** DC. var. **erigeroides** (DC.) Harv. = **P. scabra**
- confertifolia** Klatt ex Merxm. = **Pentatrichia avasmontana**
- scabra** (Thunb.) Druce
Erigeron scabrum Thunb. (1)
Inula capensis Spreng. (1)
P. capensis DC. (1)
P. capensis DC. var. *erigeroides* (DC.) Harv. (1)
Annual. Herb. Ht 0.3–1.52 m. Alt 5–2200 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- PYRETHRUM** Zinn 9341065
cinerariifolium Trevir. = **Tanacetum cinerariifolium**
- RELHANIA** L'Hér. emended 9050000
K.Bremer
Compiled by M. Koekemoer
(1) Bremer. 1976. *Opera Botanica* 40: 1–85.
- acerosa** (DC.) K.Bremer
Nestlera acerosa (DC.) Harv. (1)
Polychaetia acerosa DC. (1)
Perennial. Shrub. Ht 0.15–0.5 m. Alt 2000–3000 m. KZN, L
- acicularis** Desf. ex Cass. = **R. pungens** subsp. **pungens**
- affinis** Sond. ex Harv. = **Oedera viscosa**
- apiculata** (DC.) Harv. = **R. calycina** subsp. **apiculata**
- biennis** (Jacq.) K.Bremer = **Nestlera biennis**
- calycina** (L.f.) L'Hér. subsp. **apiculata** (DC.) K.Bremer
Eclomes apiculata DC. (1)
R. apiculata (DC.) Harv. (1)
Perennial. Shrub. Ht 0.7–1 m. Alt 800–1400 m. WC
- calycina** (L.f.) L'Hér. subsp. **calycina**
Osmites calycina L.f. (1)
R. quinquevervis Thunb. (1)
R. rigida Hoffm. & Muschl. (1)
Perennial. Shrub. Ht 0.3–0.5 m. Alt 5–1000 m. WC
- calycina** (L.f.) L'Hér. subsp. **lanceolata** K.Bremer
Perennial. Shrub. Ht 0.3–0.5 m. Alt 0–100 m. WC, EC
- centauroides** (L.) Harv. = **Athanasia crenata**
- conferta** Hutch. = **Oedera conferta**
- corymbosa** (Bolus) K.Bremer
Nestlera corymbosa Bolus (1)
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 100–1500 m. WC

cuneata L'Hér. = **Oedera uniflora**

cuneata L'Hér. var. *virgata* (L'Hér.) S.Moore = **Oedera uniflora**

decussata L'Hér.

R. patersoniae L.Bolus (1)

Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 1000–2700 m. WC, EC

dieterlenii (E.Phillips) K.Bremer

Nestlera dieterlenii E.Phillips (1)

Perennial. Shrub. Ht 1–1.5 m. Alt 1500–2400 m. L

ericoides (P.J.Bergius) Cass. = **R. fruticosa**

foveolata K.Bremer = **Oedera foveolata**

fruticosa (L.) K.Bremer

Anthemis fruticosa L. (1)

R. ericoides (P.J.Bergius) Cass. (1)

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 80–1300 m. WC

garnotii (Less.) K.Bremer

Nestlera garnotii (Less.) Harv. (1)

Nestlera tenuifolia DC. (1)

Polychaetia garnotii Less. (1)

Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt 0–160 m. WC

genistifolia (L.) L'Hér. = **Oedera genistifolia**

genistifolia (L.) L'Hér. var. *angustifolia* Harv. = **Oedera genistifolia**

genistifolia (L.) L'Hér. var. *discoidea* Harv. = **Oedera genistifolia**

genistifolia (L.) L'Hér. var. *glutinosa* (DC.) Harv. = **Oedera viscosa**

lanata Compton = **Rosenia spinescens**

lateriflora L'Hér. = **Rhynchosidium sessiliflorum**

latifolia Compton = **Oedera squarrosa**

laxa L'Hér. = **Rhynchosidium pumilum**

microphylla L'Hér. = **Oedera genistifolia**

multipunctata DC. = **Oedera multipunctata**

nordenstamii K.Bremer = **Oedera nordenstamii**

patersoniae L.Bolus = **R. decussata**

pedunculata (DC.) Harv. = **Rhynchosidium pumilum**

pumila (L.f.) Thunb. = **Rhynchosidium pumilum**

pungens L'Hér. subsp. *angustifolia* (DC.) K.Bremer

Eclopes parallelinervis Less. var. *angustifolia* DC. (1)

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 180–1400 m. KZN, EC

pungens L'Hér. subsp. **pungens**

R. acicularis Desf. ex Cass. (1)

Perennial. Dwarf shrub. Ht 0.25–0.5 m. Alt 30–1800 m. WC, EC

pungens L'Hér. subsp. **trinervis** (Thunb.) K.Bremer

R. trinervis Thunb. (1)

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 10–1500 m. EC

quinquenervis Thunb. = **R. calycina** subsp. **calycina**

reflexa Thunb. = **Nestlera biennis**

relhanooides (Schltr.) K.Bremer

Nestlera consimilis S.Moore (1)

Nestlera relhanooides Schltr. (1)

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 800–1500 m. WC

resinifera K.Bremer = **Oedera resinifera**

rigida Hoffm. & Muschl. = **R. calycina** subsp. **calycina**
rotundifolia Less.

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 50–250 m. WC

sedifolia (DC.) Harv. = **Oedera sedifolia**

sessiliflora (L.f.) Thunb. = **Rhynchosidium sessiliflorum**

silicicola K.Bremer = **Oedera silicicola**

spathulifolia K.Bremer

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 0–80 m. WC

speciosa (DC.) Harv.

Eclopes speciosa DC. (1)

R. speciosa (DC.) Harv. var. *schizolepis* (DC.) Harv. (1)

R. styphelioides (DC.) Harv. (1)

Perennial. Shrub. Ht 0.7–1 m. Alt 600–1500 m. WC, EC

speciosa (DC.) Harv. var. *schizolepis* (DC.) Harv. = **R. speciosa**

squarrosa (L.) L'Hér. = **Oedera squarrosa**

squarrosa (L.) L'Hér. var. *brevifolia* Harv. = **Oedera squarrosa**

steyniae L.Bolus = **Oedera steyniae**

styphelioides (DC.) Harv. = **R. speciosa**

tomentosa Thunb. = **Amphiglossa tomentosa**

tricephala (DC.) K.Bremer

Nestlera angusta Compton (1)

Nestlera tricephala (DC.) Harv. (1)

Polychaetia tricephala DC. (1)

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 800–1300 m. WC

trinervis Thunb. = **R. pungens** subsp. **trinervis**

tuberosa K.Bremer = **Comborhiza virgata**

uniflora (L.f.) Druce = **Oedera uniflora**

viscosa L'Hér. = **Oedera viscosa**

RENNERA Merxm. emended 9366010
P.P.J.Herman

Compiled by P.P.J. Herman

(1) Bremekamp & Obermeyer. 1935. *Annals of the Transvaal Museum* 16: 441.

(2) Källersjö. 1988. *Botanical Journal of the Linnean Society* 96: 308, 309.

(3) Herman. 1999. *Botanical Journal of the Linnean Society* 129: 367–377.

eenii (S.Moore) Källersjö

Matricaria otaviensis Dinter (3)

Pentzia eenii S.Moore (2, 3)

Perennial. Shrub. Ht 0.1–0.9 m. Alt? N

laxa (Bremek. & Oberm.) Källersjö

Pentzia laxa Bremek. & Oberm. (2, 3)

Perennial. Suffrutex. Ht 0.01–0.6 m. Alt 800–896 m. B

limnophila Merxm.

Perennial. Suffrutex. Ht 0.1–0.4 m. Alt 800–1300 m. N, B

stellata P.P.J.Herman

Perennial. Herb. Length 0.1–0.3 m. Alt 1200–1500 m. NW, NC

RHYNCHOPSISIDIUM DC. 9050020

Compiled by M. Koekemoer

- (1) Bremer. 1976. *Opera Botanica* 40: 1–85.
 (2) Anderberg & Bremer. 1991. *Annals of the Missouri Botanical Garden* 78: 1061–1072.

pumilum (L.f.) DC.

- Athanasia pumila* L.f. (2)
Relhania laxa L'Hér. (2)
Relhania pedunculata (DC.) Harv. (2)
Relhania pumila (L.f.) Thunb. (2)
 Annual. Herb. Ht 0.03–0.25 m. Alt 600–1800 m. NC, WC

sessiliflorum (L.f.) DC.

- Athanasia sessiliflora* L.f. (2)
Relhania lateriflora L'Hér. (2)
Relhania sessiliflora (L.f.) Thunb. (2)
 Annual. Herb. Ht 0.02–0.25 m. Alt 600–1200 m. WC, EC

RHYNEA DC. 8994030*phylicifolia* DC. = **Tenrhynea phylicifolia****ROODEBERGIA B.Nord.** 8919070

Compiled by P.P.J. Herman

- (1) Nordenstam. 2002. *Acta Phytotaxonomica et Geobotanica* 53,2: 101–105.

kitamura B.Nord.

Perennial. Herb. Ht 0.1–0.2 m. Alt ± 1850 m. WC

ROHRIA Thunb. 9437010

- armata* Vahl = **Berkheya armata**
bisulca Thunb. = **Cullumia bisulca**
carlinoides Vahl = **Berkheya carlinoides**
cuneata Thunb. = **Berkheya cuneata**
decurrens Thunb. = **Berkheya decurrens**
palmata Thunb. = **Heterorhachis aculeata**
patula Thunb. = **Cullumia patula** subsp. **patula**
pectinata Thunb. = **Cullumia pectinata**
spinosissima Thunb. = **Berkheya spinosissima** subsp. **spinosissima**
sulcata Thunb. = **Cullumia sulcata** var. **sulcata**

ROSENIA Thunb. emended 9051000
K.Bremer

Compiled by M. Koekemoer

- (1) Bremer. 1976. *Botaniska Notiser* 129: 97–111.

angustifolia Compton = **R. oppositifolia****glandulosa** Thunb.

Perennial. Shrub. Ht 0.4–0.7 m. Alt 600–1200 m. WC

humilis (Less.) K.Bremer

- Nestlera conferta* DC. (1)
Nestlera dinteri Muschl. ex Dinter (1)
Nestlera humilis Less. (1)
Nestlera incana Dinter ex Merxm. (1)
Nestlera muriculata DC. (1)
Nestlera oppositifolia DC. (1)
Nestlera rosentoides Hutch. ex Compton (1)
R. nestleroides Compton (1)
 Perennial. Shrub. Ht 0.01–1.06 m. Alt 300–1500 m. N, B, NW, FS, NC, WC, EC

nestleroides Compton = **R. humilis****oppositifolia** (DC.) K.Bremer

- Nestlera levynsae* Hutch. (1)
Nestlera prostrata Harv. (1)
Polychaetia oppositifolia DC. (1)
R. angustifolia Compton (1)
 Perennial. Shrub. Ht 0.1–1 m. Alt 600–1800 m. FS, NC, WC, EC

spinescens DC.

- Nestlera dregeana* Harv. (1)
Nestlera spinescens (DC.) Druce (1)
Relhania lanata Compton (1)
 Perennial. Shrub. Ht 0.4–0.8 m. Alt 700–1700 m. WC

RUCKERIA DC. 9419000

- euryopoides* Drège ex Harv. = **Euryops othonnoides**
euryopsidis DC. = **Euryops othonnoides**
othonnoides DC. = **Euryops othonnoides**
tagetoides DC. = **Euryops tagetoides**

SANTOLINA L. 9328000

- alpina* Bertol. = **Lasiospermum pedunculare**
capitata L. = **Athanasia capitata**
crenata L. = **Athanasia crenata**
crithmifolia L. = **Athanasia crithmifolia** subsp. **crithmifolia**
dentata L. = **Athanasia dentata**
erecta Lam. = **Lasiospermum pedunculare**
eriosperma Pers. = **Lasiospermum pedunculare**
laevigata L. = **Athanasia dentata**
?pinnata Donn = **Lasiospermum pedunculare**
pubescens L. = **Athanasia pubescens**
squarrosa L. = **Oedera squarrosa**
trifurcata L. = **Athanasia trifurcata**

SCHISTOSTEPHIUM Less. 9356000

Compiled by P.P.J. Herman

- (1) Baker. 1897. *Kew Bulletin* 1897: 270.
 (2) Hutchinson. 1916. *Kew Bulletin* 1916: 99–104.
 (3) Compton. 1935. *Journal of South African Botany* 1: 71–74.
 (4) Hutchinson. 1946. *A botanist in southern Africa*: 347.
 (5) Bremer. 1977. *Botaniska Notiser* 130: 493–497.
 (6) Hilliard. 1977. *Compositae in Natal*: 357–360.
 (7) Bremer & Humphries. 1993. *Bulletin of the Natural History Museum, Botany* 23: 160.

argyreum (DC.) Fenzl ex Harv. = **S. flabelliforme****artemisiifolium** Baker

Perennial. Herb. Ht 0.2–1 m. Alt 1180–1830 m. LIM, M

crataegifolium (DC.) Fenzl ex Harv.

- S. villosum* Hutch. (6, 7)
Tanacetum consanguineum DC. (6)
Tanacetum crataegifolium DC. (2, 6)
 Perennial. Herb or suffrutex. Ht 0.22–1.2 m. Alt 300–2950 m. LIM, NW, G, M, S, FS, KZN, L, EC

flabelliforme Less.

- S. argyreum* (DC.) Fenzl ex Harv. (2)
Tanacetum argyreum DC. (2)
 Perennial. Shrub. Ht 0.45–1 m. Alt 300–1465 m. EC

griseum (Harv.) Hutch.

- Tanacetum griseum* Harv. (2, 6)
 Perennial. Herb. Ht 0.22–0.75 m. Alt 300–1300 m. M, S, KZN, EC

heptalobum (DC.) Oliv. & Hiern*S. saxicola* Hutch. (6, 7)*Tanacetum heptalobum* DC. (2, 6)

Perennial. Shrub. Ht 0.3–1.5 m. Alt 5–2300 m. LIM, NW, G, M, S, FS, KZN, EC

hippiifolium (DC.) Hutch.*Tanacetum hippifolium* DC. (2, 6)

Perennial. Shrub. Ht 0.45–1.4 m. Alt 120–1830 m. M, KZN, EC

radicale Killick & C. Claassen = **Cotula radicalis****rotundifolium** (DC.) Fenzl ex Harv.*Tanacetum rotundifolium* DC. (2, 6)

Perennial. Shrub. Ht 0.6–1.6 m. Alt 2–2000 m. M, S, KZN, EC

saxicola Hutch. = **S. heptalobum****scandens** Hutch.

Perennial. Shrub. Ht up to 5 m. Alt? LIM

umbellatum (L.f.) Bremer & Humphries*Cotula umbellata* L.f. (7)*Peyrousea argentea* Compton (5)*Peyrousea calycina* DC. (5)*Peyrousea oxylepis* DC. (5)*Peyrousea umbellata* (L.f.) Fourc. (7)

Perennial. Shrub. Ht 0.45–2 m. Alt 0–1500 m. WC, EC

villosum Hutch. = **S. crataegifolium*****SCHKUHRIA** Roth

9291000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 326, 327.*bonariensis* Hook. & Arn. = **S. pinnata****pinnata** (Lam.) Cabrera*S. bonariensis* Hook. & Arn. (1)

Annual. Herb. Ht 0.15–0.6 m. Alt 5–2125 m. N, B, LIM, G, M, S, FS, KZN, L, NC, WC, EC

SCLEROCARPUS Jacq.

9169000

Compiled by N. Netnou

(1) Merxmüller. 1967. *FSWA* 139: 161, 162.**africanus** Jacq. ex Murray

Annual. Herb. Ht up to 1.2 m. Alt up to 900 m. N, B

SENECIO L.

9411000

Compiled by W.G. Welman

(1) Harvey. 1865. *FC* 3: 346–408.(2) MacOwan. 1869. *Journal of the Linnean Society, Botany* 10: 480–482.(3) Bentham. 1876. *Hooker's Icones Plantarum*: t. 114.(4) Bolus. 1887. *Journal of the Linnean Society, Botany* 22: 177.(5) Klatt. 1896. *Bulletin de l'Herbier Boissier* 4: 469, 840–842.(6) Schlechter. 1900. *Botanische Jahrbücher* 27: 211.(7) Brown. 1906. *Kew Bulletin* 1906: 22.(8) Muschler. 1909. *Botanische Jahrbücher* 43: 59, 60.(9) Hutchinson. 1917. *Annals of the South African Museum* 9: 398, 399.(10) Moore. 1917. *Journal of Botany, London* 55: 124.(11) Moore. 1918. *Journal of Botany, London* 56: 7, 8.(12) Moore. 1921. *Journal of Botany, London* 59: 231.(13) Hutchinson. 1923. *The Flowering Plants of South Africa* 3: t. 83.(14) Mattfeld. 1924. *Botanische Jahrbücher* 59, Beiblatt 133: 24.(15) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 174.(16) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 332.(17) Dyer. 1931. *The Flowering Plants of South Africa* 11: tt. 424, 434.(18) Compton. 1934. *Journal of Botany, London* 72: 48, 49.(19) Fourcade. 1934. *Transactions of the Royal Society of South Africa* 21: 87–89.(20) Hutchinson & Burtt Davy. 1936. *Kew Bulletin* 1: 81, 82.(21) Dyer. 1937. *The Flowering Plants of South Africa* 17: tt. 662, 663.(22) Dyer. 1938. *The Flowering Plants of South Africa* 18: t. 696.(23) Henderson. 1957. *The Flowering Plants of Africa* 32: t. 1254.(24) Compton. 1967. *Journal of South African Botany* 33: 300–304.(25) Merxmüller. 1967. *FSWA* 139: 104–107, 162–173.(26) Hilliard. 1977. *Compositae in Natal*: 387–502, 639, 640.(27) Hilliard & Burtt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37: 295.(28) Nordenstam. 1980. *Mitteilungen der Botanischen Staatssammlung München Beiheft* 16: 29.(29) Hilliard & Burtt. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40: 271–274.(30) Hilliard & Burtt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42: 233–238.(31) Wijnands. 1985. *Taxon* 34: 311.(32) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 198, 199.(33) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 352, 353.(34) Jeffrey. 1986. *Kew Bulletin* 41: 873–943.(35) Bruyns. 1992. *South African Journal of Botany* 58: 50–55.(36) Jeffrey. 1992. *Kew Bulletin* 47: 49–109.(37) Rowley. 1994. *Succulent Compositae*: 1–238.(38) Smith *et al.* 1999. *Flowering Plants of Africa* 56: t. 2159, 110–114, t. 2160, 116–120.(39) Manning & Goldblatt. 2000. *Strelitzia* 9: 356–363.**abbreviatus** S. Moore

Perennial. Creeper, prostrate, succulent. Length 0.1–0.3 m. Alt? NC, WC

abrotanoides E. Mey. = **S. pinnatifidus****abruptus** Thunb.*S. heteroclinius* DC. (1)

Annual. Herb. Ht 0.2–0.5 m. Alt 5–1950 m. NC, WC

acaulis (L.f.) Sch. Bip.*Cacalia acaulis* L.f. (37)*Kleinia acaulis* (L.f.) DC. (37)

Perennial. Herb, succulent. Ht 0.1–0.3 m. Alt 30–? m. N, NC, WC, EC

achilleifolius DC.*S. achilleifolius* DC. var. *glanduloso-scaber* Thell. (26)*S. achilleifolius* DC. var. *glaucescens* (DC.) Harv. (26)

Perennial. Shrub, herb. Ht 0.2–1.2 m. Alt 220–3050 m. NW, G, M, FS, KZN, L, NC, WC, EC

achilleifolius DC. var. *glanduloso-scaber* Thell. = **S. achilleifolius***achilleifolius* DC. var. *glaucescens* (DC.) Harv. = **S. achilleifolius****acutifolius** DC.

Perennial. Shrub, shrublet. Ht 0.3–0.6 m. Alt 450–1370 m. NC, EC

addoensis Compton

Perennial. Herb. Ht 0.3–0.5 m. Alt? EC

adenocalyx Dinter = **S. radicans****adnatus** DC.*S. pauciligulatus* R.A. Dyer & C.A. Sm. (26)

Perennial. Herb. Ht 0.5–1.2 m. Alt 160–2440 m. LIM, M, S, FS, KZN, L, EC

adnatus DC. var. *monactis* Sch. Bip. = **S. humidanus****affinis** DC.*Hertia natalensis* O. Hoffm. ex Kuntze (26)*S. albanensis* DC. var. *leiophyllus* Harv. (26)*S. albanensis* DC. var. *pseudodecurrrens* Thell. (26)*S. paucicephalus* R.A. Dyer (26)

Perennial. Herb. Ht 0.3–1 m. Alt 155–2250 m. LIM, NW, G, M, FS, KZN, L, EC

- agapetes** C.Jeffrey
S. amabilis DC. (36)
Annual. Shrub, herb. Ht 0.35–1.15 m. Alt 25–2000 m. WC
- aizoides** (DC.) Sch.Bip.
Kleinia aizoides DC. (21)
Perennial. Herb, succulent. Ht 0.2–0.4 m. Alt 45–840 m. WC, EC
- albanensis** DC. var. **albanensis**
S. leiocarpus DC. (1)
Perennial. Herb. Ht 0.2–0.6 m. Alt 915–2130 m. LIM, G, M, S, FS
- albanensis** DC. var. **doroniciflorus** (DC.) Harv.
S. doroniciflorus DC. (26)
S. fibrosus O.Hoffm. ex Kuntze (26)
Perennial. Herb. Ht 0.4–0.6 m. Alt 15–1675 m. KZN, L, WC, EC
- albanensis* DC. var. *leiophyllus* Harv. = **S. affinis**
- albanensis* DC. var. *pseudodecurrrens* Thell. = **S. affinis**
- albanopsis** Hilliard
Perennial. Herb. Ht 0.4–1.5 m. Alt 5–900 m. KZN, EC
- albifolius** DC.
Perennial. Herb. Ht 0.05–0.25 m. Alt ?–2135 m. WC
- albo-punctatus** Bolus
Perennial. Herb. Ht 0.1–0.2 m. Alt ?–1000 m. NC
- alliarifolius** O.Hoffm.
Perennial. Shrub, shrublet. Ht 0.4–1.5 m. Alt 140–1000 m. N
- aloides** DC.
Othonna rhopalophylla Dinter (25)
S. rhopalophyllus (Dinter) Merxm. (25)
Perennial. Shrub, shrublet, succulent. Ht 0.35–0.75 m. Alt 5–640 m. N, NC, WC
- amabilis* DC. = **S. agapetes**
- anapetes** C.Jeffrey
S. expansus Harv. (36)
S. lyratus DC. (36)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.2 m. Alt ?–1585 m. WC
- angulatus** L.f.
S. macropodus DC. (1)
Perennial. Herb, climber, ± succulent. Ht 0.5–1.5 m. Alt 5–700 m. WC, EC
- angustifolius** (Thunb.) Willd.
Jacobaea angustifolia Thunb. (1)
Perennial. Shrubby, herb. Ht 0.2–0.6 m. Alt 10–1020 m. NC, WC, EC
- anomaloichrous** Hilliard
Perennial. Herb. Ht 0.4–1 m. Alt 1050–2420 m. G, M, FS, KZN
- anthemifolius** Harv.
Perennial. Herb. Ht 0.2–0.3 m. Alt? WC
- apiifolius** (DC.) Benth. & Hook.f. ex O.Hoffm.
S. peculiaris Dinter (25)
S. sisymbriifolius Dinter, not of DC., concept invalid (25)
Annual. Herb. Ht 0.2–1.2 m. Alt 460–1525 m. N, B, LIM, NW, G, FS, NC
- aquifoliaceus** DC.
Perennial. Herb. Ht 0.3–1 m. Alt? WC
- arabidifolius** O.Hoffm.
Perennial. Herb. Ht 0.1–0.25 m. Alt 1220–2440 m. KZN, L, EC
- archeri* (Compton) H.Jacobsen = **S. toxotis**
- arenarius** Thunb.
S. cakilefolius DC. var. *hispidulus* Thell. (25)
S. elegans Thunb. (1)
S. myrrhifolius Thunb. (1)
S. volkameri Sch.Bip. (1)
Annual. Herb. Ht 0.05–0.75 m. Alt 10–1340 m. N, NC, WC
- arniciflorus** DC.
Perennial. Dwarf shrub, herb. Ht 0.15–0.3 m. Alt 10–300 m. WC
- articulatus** (L.) Sch.Bip.
Kleinia articulata (L.) Haw. (39)
Perennial. Shrubby, succulent. Ht 0.2–0.6 m. Alt 30–685 m. WC, EC
- aschersonianus* Muschl. ex Dinter = **Anisopappus pinatifidus**
- asper* Aiton = **S. rosmarinifolius**
- asperulus** DC.
Perennial. Herb. Ht 0.2–0.75 m. Alt 515–2590 m. G, M, FS, KZN, L, NC, WC, EC
- austromontanus** Hilliard
Perennial. Herb. Ht 0.3–0.5 m. Alt 2350–2670 m. KZN, L, EC
- avasimontanus* Dinter = **Lopholaena cneorifolia**
- barbatus** DC.
S. thyrsoides DC. (26)
Perennial. Herb. Ht 0.15–0.3 m. Alt 600–3000 m. LIM, M, S, FS, KZN, L, EC
- barbertonicus** Klatt
Perennial. Shrub, succulent. Ht 0.5–1.8 m. Alt 35–1675 m. LIM, NW, G, M, S, KZN
- basalticus** Hilliard
Perennial. Herb. Ht 0.3–0.6 m. Alt 2520–2560 m. KZN
- basutensis* Thell. (1911) = **S. subcoriaceus**
- basutensis* Thell. (1921) = **S. umgeniensis**
- baurii** Oliv.
Perennial. Herb. Ht 0.25–0.35 m. Alt 1065–2135 m. KZN, EC
- bellis** Harv.
Annual, occ. perennial. Herb. Ht 0.2–0.3 m. Alt? EC
- bipinnatus** (Thunb.) Less.
Cacalia bipinnata Thunb. (1)
S. quinqueflorus DC. (1)
Perennial. Herb. Ht 0.3–0.9 m. Alt 245–1675 m. WC
- blattarioides* DC. = **S. oxyodontus**
- bolusii* Oliv. = **Phaneroglossa bolusii**
- brachyglossus* Turcz. = **S. glutinosus**
- brachypodus** DC.
S. natalensis Sch.Bip. (26)
Perennial. Shrub, scandent, ± succulent. Ht 0.5–4.5 m. Alt 5–1400 m. S, KZN, EC
- brevidentatus** M.D.Hend.
Perennial. Herb. Ht 0.3–0.6 m. Alt 600–2250 m. FS, KZN, EC
- brevilimbus* S.Moore = **S. flavus**
- brevilorus** Hilliard
Perennial. Herb. Ht 0.3–0.8 m. Alt 2100–2440 m. KZN

breviscapus (DC.) Sch.Bip. = **S. cicatricosus**

breyeri S.Moore = **S. polyodon** var. **polyodon**

bryoniifolius Harv.

Perennial. Herb, climber, ± succulent. Ht 1–2.5 m. Alt 5–1065 m. S, KZN, EC

bulbinifolius DC.

Perennial. Herb, succulent. Ht 0.1–0.15 m. Alt ?–730 m. N, NC, WC

bupleuriformis Sch.Bip. = **S. glaberrimus**

bupleuroides DC.

S. bupleuroides DC. var. *denticulatus* DC. (26)

S. bupleuroides DC. var. *falcatus* Sch.Bip. (26)

Perennial. Herb. Ht 0.25–0.75 m. Alt 75–1500 m. M, S, KZN, EC

bupleuroides DC. var. *denticulatus* DC. = **S. bupleuroides**

bupleuroides DC. var. *falcatus* Sch.Bip. = **S. bupleuroides**

bupleuroides DC. var. *latifolius* Harv. = **S. glaberrimus**

burchellii DC.

S. dracunculoides DC. (39)

Perennial. Shrub, dwarf shrub. Ht 0.2–0.5 m. Alt 5–1750 m. NC, WC, EC

burchellii DC. in part = **S. inaequidens**

burchellii of authors, not of DC., concept invalid = **S. madagascariensis**

byrnensis Hilliard

Perennial. Herb. Ht 0.3–1 m. Alt 1370–1435 m. KZN, EC

cactaeiformis Klatt = **Othonna graveolens**

cakilefolius DC.

Annual. Herb. Ht 0.15–0.45 m. Alt 460–1145 m. N, NC, WC

cakilefolius DC. var. *hispidulus* Thell. = **S. arenarius**

calamifolius Hook. = **S. scaposus**

caloneotes Hilliard

Perennial. Herb. Ht 0.1–0.2 m. Alt 2700–3300 m. KZN, L, EC

canalipes DC.

Perennial. Suffrutex. Ht? Alt? EC

cardaminifolius DC.

Annual. Herb. Ht 0.1–0.4 m. Alt 100–1000 m. NC, WC

carnosus Thunb.

Annual. Herb. Ht 0.3–1 m. Alt 5–95 m. EC

carroensis DC.

Annual. Herb. Ht 0.2–0.4 m. Alt 10–790 m. WC

cathcartensis O.Hoffm.

Perennial. Herb. Ht 0.3–0.6 m. Alt 1480–2440 m. FS, KZN, L, EC

caudatus DC.

Perennial. Herb. Ht 0.25–0.7 m. Alt 460–2470 m. LIM, M, S, KZN, EC

caulopterus DC. = **S. inornatus**

caulopterus Harv., not of DC., concept invalid = **S. scoparius**

cephalophorus (Compton) H.Jacobsen = **Kleinia cephalophora**

cernuus L.f. = **Crassocephalum rubens**

chamaemelifolius DC. = **S. diffusus**

chrysocoma Meerb.

S. graminifolius Jacq. (26)

S. paniculatus J.M.Wood, not of P.J.Bergius, concept invalid (26)

S. paniculatus P.J.Bergius var. *reclinatus* (L.f.) Harv. (26)

Biennial. Shrub, herb. Ht 0.5–2 m. Alt 60–900 m. KZN, WC, EC

cicatricosus Sch.Bip.

Kleinia breviscapa DC. (37)

S. breviscapus (DC.) Sch.Bip. (37)

Perennial. Herb, succulent. Ht 0.05–0.1 m. Alt? WC

cinerascens Aiton

Cineraria seminuda Klatt (25)

S. namaquanus Bolus (25)

S. tomentosus Salisb. (1)

Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 305–2000 m. N, NC, WC

cissampelinus (DC.) Sch.Bip. = **Mikaniopsis cissampelina**

citriceps Hilliard & B.L.Burtt

Perennial. Herb. Ht 0.25–0.55 m. Alt 1800–2335 m. KZN, EC

citriiformis G.D.Rowley

Perennial. Herb, succulent. Ht 0.05–0.25 m. Alt? N, WC

colensoensis O.Hoffm. ex Kuntze = **S. scoparius**

coleophyllus Turcz.

Perennial. Shrub. Ht 0.9–1.8 m. Alt 205–1525 m. WC

concolor DC. = **S. speciosus**

concolor DC. var. *subglaber* O.Hoffm. ex Kuntze = **S. polyodon** var. **subglaber**

conrathii N.E.Br.

S. pachythesis E.Phillips & C.A.Sm. (26)

Perennial. Herb. Ht 0.5–1.5 m. Alt 10–2200 m. LIM, M, S, FS, KZN, EC

consanguineus DC.

Annual. Herb. Ht 0.2–1.2 m. Alt 915–2000 m. N, B, LIM, NW, G, FS, KZN?, NC

cordifolius L.f.

Perennial. Herb. Ht 0.1–0.3 m. Alt 550–1220 m. WC

cornu-cervi MacOwan

Perennial. Shrub. Ht 0.45–0.75 m. Alt? EC

coronatus (Thunb.) Harv.

Cineraria coronata Thunb. (1)

S. lasiorhizoides Sch.Bip. (1)

S. lasiorhizus DC. (1)

Perennial. Herb. Ht 0.15–0.8 m. Alt 60–2400 m. B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

corymbiferus DC. = **S. sarcoides**

cotyledonis DC.

Perennial. Shrublet, succulent. Ht 0.3–0.6 m. Alt 305–1370 m. N, NC, WC, EC

crassiusculus DC.

S. pinnulatus Sieber (1)

Perennial. Shrub, dwarf shrub, ± succulent. Ht 0.3–0.6 m. Alt 30–1065 m. WC, EC

crassulaefolius (DC.) Sch.Bip.

Kleinia crassulaefolia DC. (37)

Perennial. Herb, succulent. Ht 0.1–0.3 m. Alt 30–1675 m. NC, WC, EC

- crenatus** Thunb.
Perennial. Shrub, dwarf shrub. Ht 0.45–1 m. Alt 20–640 m. WC, EC
- crenulatus** DC.
Perennial. Herb. Ht 0.1–0.3 m. Alt ?–610 m. WC?, EC
- crispus** Thunb.
S. sulcatus DC. (1)
Perennial. Herb. Ht 0.2–0.4 m. Alt 915–1280 m. WC
- cristimontanus** Hilliard
Perennial. Herb. Ht 0.15–0.2 m. Alt 1950–2435 m. KZN
- cryphiactis** O.Hoffm.
Annual. Herb. Ht 0.2–0.4 m. Alt? N, B
- cryptolanatus** Killick
Perennial. Herb. Ht 0.1–0.45 m. Alt 2200–3355 m. KZN, L, EC
- cupulatus* Volkens & Muschl. = **S. microglossus**
- curtophyllus* Klatt = **S. tysonii**
- cymbalarifolius* (Thunb.) Less. = **S. hastifolius**
- debilis* Harv. = **S. infirmus**
- decurrens** DC.
Biennial? Herb. Ht 0.75–1.35 m. Alt 305–2350 m. M, KZN, L, EC
- deltoideus** Less.
Cacalia scandens Aiton (26)
Mikania auriculata (Lam.) Willd. (26)
S. durbanensis Gand. (26)
S. fimbriifolius B.L.Rob. (26)
S. mikaniae DC. (1)
S. mikaniiformis DC. (1)
Perennial. Herb, scrambler. Ht 1.5–2.5 m. Alt 10–1900 m. LIM, M, S, KZN, WC, EC
- dieterlenii* E.Phillips = **S. rhomboideus**
- diffusus** Thunb.
S. chamaemelifolius DC. (1)
Annual. Herb. Ht 0.1–0.3 m. Alt ?–1065 m. WC
- digitalifolius** DC.
Biennial. Herb. Ht 0.7–1.5 m. Alt 765–2040 m. LIM, NW, G, M, FS, KZN, EC
- dinteri* Muschl. ex Dinter = **Emilia ambifaria**
- diodon** DC.
Perennial. Herb. Ht 0.5–1 m. Alt? WC
- discodregeanus** Hilliard & B.L.Burt
S. dregeanus DC. var. *discoideus* DC. (26)
Perennial. Herb. Ht 0.4–1 m. Alt 50–2375 m. G, M, S, FS, KZN, L, EC
- dissidens** Fourc.
Perennial. Shrub. Ht 1.2–2 m. Alt? WC
- dissimulans** Hilliard
Perennial. Herb. Ht 0.2–0.4 m. Alt 1900–2900 m. FS, KZN, L, EC
- diversidentatus* Muschl. = **S. inornatus**
- diversifolius** Harv.
Perennial. Herb. Ht 0.2–0.5 m. Alt 30–1310 m. NC, WC
- doroniciflorus* DC. = **S. albanensis** var. **doroniciflorus**
- dracunculoides* DC. = **S. burchellii**
- drakensbergis* Klatt = **S. sandersonii**
- dregeanus** DC.
Perennial. Herb. Ht 0.3–1 m. Alt 765–1340 m. KZN, EC
- dregeanus* DC. var. *discoideus* DC. = **S. discodregeanus**
- dumosus** Fourc.
Perennial. Shrub. Ht 0.9–1.5 m. Alt? WC
- durbanensis* Gand. = **S. deltoideus**
- ecklonianus* DC. = **S. spiraeifolius**
- eenii** (S.Moore) Merxm.
Cineraria eenii S.Moore (25)
S. lentior S.Moore (25)
S. rautaneni S.Moore (25)
Annual. Herb. Ht 0.1–0.9 m. Alt 245–1650 m. N, B, NC
- elegans** L.
S. elegans Willd. (1)
S. pseudo-elegans Less. (1)
Annual. Herb. Ht 0.15–1 m. Alt 5–200 m. WC, EC
- elegans* Thunb. = **S. arenarius**
- elegans* Willd. = **S. elegans**
- eminens** Compton
Perennial. Herb. Ht 0.6–1.2 m. Alt 1170–1500 m. M, S
- engleranus** O.Hoffm.
Perennial. Dwarf shrub, herb. Ht 0.05–0.5 m. Alt 100–300 m. N
- eribasis** DC.
Perennial. Herb. Ht 0.25–0.6 m. Alt 365–1450 m. NC, WC
- erosus** L.f.
Cineraria crenata Spreng. (1)
Doria incisa Thunb. (1)
Perennial. Herb. Ht 0.15–0.6 m. Alt 15–1770 m. NC, WC
- erubescens** Aiton var. **crepidifolius** DC.
Perennial. Herb. Ht 0.2–0.7 m. Alt 760–2865 m. LIM, NW, G, M, S, FS, KZN, L, EC
- erubescens* Aiton var. *crepidifolius* Harv., not of DC., concept invalid = **S. variabilis**
- erubescens** Aiton var. **dichotomus** DC.
Perennial. Herb. Ht 0.2–0.6 m. Alt 5–2835 m. LIM, M, S, KZN, EC
- erubescens** Aiton var. **erubescens**
S. erubescens Aiton var. *lyratus* Harv. (26)
S. vernonioides Sch.Bip. (1)
Perennial. Herb. Ht 0.2–0.6 m. Alt 50–2075 m. WC, EC
- erubescens** Aiton var. **incisus** DC.
Perennial. Herb. Ht 0.2–0.6 m. Alt 10–365 m. KZN, EC
- erubescens* Aiton var. *lyratus* Harv. = **S. erubescens** var. **erubescens**
- erysimoides** DC.
Annual. Herb. Ht 0.35–0.45 m. Alt 210–915 m. NC, WC
- euryopoides** DC.
Perennial. Shrub. Ht 0.5–1.5 m. Alt ?–1700 m. WC
- evansii* N.E.Br. = **Heteromma decurrens**
- evelynae** Muschl.
Perennial. Shrub, herb. Ht 0.5–1.3 m. Alt 1280–1465 m. M

expansus Harv. = **S. anapetes**

exuberans R.A.Dyer

Perennial. Herb. Ht 1.2–1.5 m. Alt ?–305 m. KZN

fibrosus O.Hoffm. ex Kuntze = **S. albanensis** var. **doroniflorus**

ficoides (L.) Sch.Bip.

Kleinia ficoides (L.) Haw. (37)

Perennial. Herb, succulent. Ht 0.1–0.5 m. Alt 155–1400 m. NC, WC, EC

filifolius Harv. = **S. mitophyllus**

filipes Turcz. = **S. matricariifolius**

fimbrillifer B.L.Rob. = **S. deltoideus**

flanaganii E.Phillips

Perennial. Herb. Ht 0.5–1 m. Alt 1950–2135 m. FS, KZN

flavus (Decne.) Sch.Bip.

Crassocephalum flavum Decne. (25)

S. brevilinguis S.Moore (25)

Annual. Herb. Ht 0.15–0.55 m. Alt 1100–1465 m. N, NC

foeniculoides Harv.

Perennial. Dwarf shrub, herb. Ht 0.2–0.4 m. Alt? WC

fraudulentus E.Phillips & C.A.Sm. = **S. inornatus**

fulgens (Hook.f.) G.Nicholson = **Kleinia fulgens**

galpinii (Hook.f.) H.Jacobsen = **Kleinia galpinii**

galpinii (Hook.f.) Hook.f. = **Kleinia galpinii**

gerrardii Harv.

Perennial. Herb. Ht 0.5–2 m. Alt 760–2200 m. LIM, NW, M, S, FS, KZN, L, EC

giessii Merxm.

Annual. Herb. Ht 0.15–0.35 m. Alt? N, NC

glaberrimus DC.

S. bupleuriformis Sch.Bip. (26)

S. bupleuroides DC. var. *latifolius* Harv. (26)

S. inophyllus E.Phillips & C.A.Sm. (26)

S. kuntzei O.Hoffm. (26)

S. swaziensis Compton (26)

Perennial. Herb. Ht 0.2–0.9 m. Alt 5–2700 m. G, M, S, FS, KZN, L, EC

glabrifolius DC.

Perennial. Herb. Ht 0.2–0.5 m. Alt 780–1615 m. NC, WC

glanduloso-lanosus Thell.

Perennial. Herb. Ht 0.2–0.45 m. Alt 915–1295 m. KZN, EC

glanduloso-pilosus Volkens & Muschl.

Perennial. Herb. Ht 0.2–0.6 m. Alt 1115–2075 m. LIM, NW, G, M, FS, KZN

glastifolius L.f.

Perennial. Shrub, dwarf shrub. Ht 0.4–1 m. Alt 60–1090 m. WC, EC

glutinarius DC.

S. glutinosus E.Mey. (1)

Annual. Herb. Ht 0.15–0.35 m. Alt 5–50 m. WC

glutinosus E.Mey. = **S. glutinarius**

glutinosus Thunb.

S. brachyglossus Turcz. (1)

S. inamoenus DC. (1)

Annual. Herb. Ht 0.3–1 m. Alt 5–1920 m. N, NC, WC, EC

gramineus Harv.

Perennial. Herb. Ht 0.15–0.45 m. Alt 1400–3275 m. KZN, L, WC, EC

graminicolus C.A.Sm. = **S. retrorsus**

graminifolius Jacq. = **S. chrysocoma**

grandiflorus P.J.Bergius

S. pauciflorus Thunb. (1)

S. venustus Aiton (1)

Perennial. Herb. Ht 0.75–1 m. Alt 120–1570 m. WC

gregatus Hilliard

S. serratuloides DC. var. *dieterlenii* Thell. (33)

S. serratuloides DC. var. *gracilis* Harv. (33)

S. serratuloides DC. var. *holubii* Thell. (33)

S. serratuloides DC. var. *rehmannii* Thell. (33)

Perennial. Herb. Ht 0.6–1 m. Alt 1400–2135 m. LIM, NW, G, M, S, FS, KZN

gyrophyllus Klatt = **S. macrocephalus**

halimifolius L.

S. populifolius L. (1)

S. sessilis Thunb. (1)

S. solidagineus Spreng. (1)

S. solidaginoides P.J.Bergius (1)

Perennial. Shrub. Ht 1–1.7 m. Alt 5–765 m. WC, EC

hallianus G.D.Rowley

Perennial. Herb, succulent. Ht 0.05–0.1 m. Alt 800–1400 m. WC, EC

harveianus MacOwan

S. vimineus Harv., not of DC., concept invalid (26)

Perennial. Dwarf shrub, herb. Ht 0.3–1 m. Alt 765–3290 m. LIM, NW, G, M, FS, KZN, L, EC

hastatus L.

S. hastulatus L. (26)

Perennial. Herb. Ht 0.25–0.4 m. Alt 45–3200 m. FS, KZN, L, NC, WC, EC

hastifolius (L.f.) Less.

Cineraria cymbalarifolia Thunb. (1)

Cineraria hastifolia L.f. (1)

S. cymbalarifolia (Thunb.) Less. (39)

Perennial. Herb. Ht 0.15–0.4 m. Alt 5–1000 m. WC

hastulatus L. = **S. hastatus**

haworthii (Sweet) Sch.Bip.

Kleinia haworthii (Sweet) DC. (37)

Perennial. Shrublet. Ht 0.3–0.5 m. Alt 905–1220 m. NC, WC, EC

haygarthii Hilliard

Cineraria montana Bolus (26)

Perennial. Shrub, herb. Ht 0.75–1 m. Alt 1370–2440 m. KZN, L

heliopsis Hilliard & B.L.Burt

Perennial. Herb. Ht 0.5–1 m. Alt 1060–2250 m. M, KZN, EC

helminthioides (Sch.Bip.) Hilliard

S. quinquelobus (Thunb.) DC. var. *helminthioides* Sch.Bip. (26)

Perennial. Herb, climber, ± succulent. Ht 2.5–4.5 m. Alt 5–1525 m. LIM, M, S, KZN, EC

hermannii B.Nord.

Annual. Herb. Ht 0.3–0.5 m. Alt? N

herreianus Dinter

Perennial. Herb, prostrate, succulent. Ht 0.03–0.05 m. Alt? N

heteroclinius DC. = **S. abruptus**

hieracioides DC.

S. johannesburgensis S.Moore (26)

- Perennial. Herb. Ht 0.15–0.45 m. Alt 1000–3050 m.
NW, G, M, FS, KZN, L, EC
- hirsutilobus** Hilliard
Perennial. Herb. Ht 0.2–0.6 m. Alt 1525–2450 m.
KZN, EC
- hirtellus** DC.
Annual, occ. perennial? Herb. Ht 0.15–0.45 m. Alt?
EC
- hirtifolius** DC.
Perennial. Dwarf shrub, herb. Ht 0.2–0.6 m. Alt? EC
- hochstetteri** Sch.Bip. ex A.Rich.
Perennial. Herb. Ht 0.2–0.5 m. Alt? LIM
- hollandii** Compton
Perennial. Shrub. Ht 0.5–1 m. Alt 365–860 m. WC,
EC
- holubii** Hutch. & Burt Davy
Perennial. Herb. Ht 0.2–0.4 m. Alt? NW
- hookerianus** H.Jacobsen = **Kleinia fulgens**
- humidanus** C.Jeffrey
S. adnatus DC. var. *monactis* Sch.Bip. (26)
S. hygrophilus R.A.Dyer & C.A.Sm. (36)
Perennial. Herb. Ht 0.7–1 m. Alt 765–2425 m. S,
KZN, L, EC
- hygrophilus** R.A.Dyer & C.A.Sm. = **S. humidanus**
- hypochoerideus** DC.
S. prionites MacOwan (26)
Perennial. Herb. Ht 0.25–0.9 m. Alt 1705–3325 m. FS,
KZN, L, EC
- ilicifolius** L.
S. quercifolius Thunb. (1)
Perennial. Shrub, herb. Ht 0.3–1 m. Alt 5–700 m. WC,
EC
- inaequidens** DC.
S. burchellii DC. in part (26)
Perennial. Herb. Ht 0.3–1 m. Alt 1000–2850 m. LIM,
NW, G, M, S, FS, KZN, L, NC, EC
- inamoenus** DC. = **S. glutinosus**
- incertus** DC. = **S. tuberosus**
- incisus** Thunb.
S. phalacrochaetus DC. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–0.9 m. Alt 60–?
m. WC
- incomptus** DC.
S. serratus E.Mey. (1)
Perennial. Dwarf shrub, herb. Ht 0.15–0.6 m. Alt
1220–1615 m. EC
- inconstans** DC. = **S. repandus**
- infirmus** C.Jeffrey
S. debilis Harv. (36)
Perennial. Shrublet, herb. Ht 0.3–0.6 m. Alt? WC, EC
- ingeliensis** Hilliard
Perennial. Herb. Ht 0.2–0.5 m. Alt 1850–2500 m.
KZN, L, EC
- inophyllus** E.Phillips & C.A.Sm. = **S. glaberrimus**
- inornatus** DC.
S. caulopterus DC. (26)
S. diversidentatus Muschl. (26)
S. fraudulentus E.Phillips & C.A.Sm. (26)
S. lygodes Hiern (34)
S. macroalatus M.D.Hend. (26)
S. ommani S.Moore (26)
- S. serra* Sond. (26)
S. sneeuwbergensis Bolus (26)
Perennial. Herb. Ht 0.3–1.8 m. Alt 40–3000 m. LIM,
NW, G, M, S, FS, KZN, L, EC
- intricatus** S.Moore
Perennial. Dwarf shrub. Ht 0.2–0.45 m. Alt 1065–
1220 m. FS, NC, EC
- iosensis** G.D.Rowley = **S. sulcicalyx**
- isatideus** DC.
Perennial. Herb. Ht 0.5–1.5 m. Alt 365–2650 m. LIM,
NW, G, M, FS, KZN, L, EC
- isatideus** DC. var. **macrophyllus** Thell. = **S. isatidioides**
- isatidioides** E.Phillips & C.A.Sm.
S. isatideus DC. var. *macrophyllus* Thell. (26)
S. macrophyllus E.Phillips (26)
Perennial. Herb. Ht 0.5–2.4 m. Alt 1065–2135 m.
LIM, M, S, FS, KZN
- johannesburgensis** S.Moore = **S. hieracioides**
- junceus** (DC.) Harv.
Brachyrhynchus junceus DC. (1)
Perennial. Shrub, herb, succulent. Ht 0.4–1.2 m. Alt
15–1370 m. NC, WC, EC
- juniperinus** L.f. var. **epitrachys** (DC.) Harv.
S. polyanthemus DC. var. *epitrachys* DC. (26)
Perennial. Shrub, herb. Ht 0.3–1 m. Alt 1370–1645 m.
KZN, EC
- juniperinus** L.f. var. **juniperinus**.
Perennial. Shrub, herb. Ht 0.5–1 m. Alt 45–2010 m.
WC, EC
- junodianus** O.Hoffm. = **S. madagascariensis**
- junodii** Hutch. & Burt Davy
Perennial. Shrub, herb. Ht 0.3–1.5 m. Alt 1052–2180
m. LIM, M
- kalingenwae** Hilliard & B.L.Burt
Perennial. Herb. Ht 0.1–0.25 m. Alt 2000–2235 m.
KZN
- klingshardianus** Dinter = **S. sulcicalyx**
- kuntzei** O.Hoffm. = **S. glaberrimus**
- laevigatus** Thunb. var. **integrifolius** Harv.
Annual. Herb. Ht 0.2–0.6 m. Alt 915–1690 m. LIM,
G, M, FS
- laevigatus** Thunb. var. **laevigatus**
S. plebeius DC. (1)
Annual. Herb. Ht 0.2–0.4 m. Alt 15–350 m. WC, EC
- lanatus** Thunb. = **Cineraria tomentosa**
- lanceus** Aiton
Perennial/biennial. Shrub. Ht 0.6–2.5 m. Alt 5–1525
m. KZN, WC, EC
- lanceifolius** Turcz. = **S. pellucidus**
- lasiorhizoides** Sch.Bip. = **S. coronatus**
- lasiorhizus** DC. = **S. coronatus**
- laticipes** Bruyns
Perennial. Shrublet, succulent. Ht 0.3–0.5 m. Alt 250–
600 m. NC, WC
- latifolius** DC.
S. sceleratus Schweick. (26)
Perennial. Herb. Ht 0.3–1 m. Alt 245–1700 m. LIM,
NW, M, S, FS, KZN, EC
- latifolius** DC. var. **barbellatus** (DC.) Harv. = **S. retror-**
sus

- latifolius* DC. var. *retrorsus* (DC.) Harv. = **S. retrorsus**
- latissimifolius** S.Moore
Perennial. Herb. Ht 0.3–0.5 m. Alt? M
- launayaefolius* O.Hoffm. = **S. paucicalyculatus**
- laxus** DC.
Annual. Herb. Ht 0.15–0.45 m. Alt 75–915 m. NC, WC
- leiocarpus* DC. = **S. albanensis** var. **albanensis**
- lentior* S.Moore = **S. eenii**
- leptocephalus** Mattf.
Annual. Herb. Ht 0.3–0.5 m. Alt? B
- leptophyllus** DC.
Perennial. Shrub, shrublet, herb. Ht 0.5–1 m. Alt 550–1830 m. NC, WC, EC
- lessingii** Harv.
Annual. Herb. Ht? Alt? WC
- leucoglossus** Sond.
Perennial. Herb. Ht 0.2–0.7 m. Alt? WC
- limosus* O.Hoffm. = **Emilia limosa**
- lineatus** (L.f.) DC.
Cineraria lineata L.f. (1)
S. persicifolius Burm. (1)
Perennial. Shrub, herb. Ht 0.3–0.8 m. Alt 20–1370 m. WC, EC
- linifolius** L.
Cineraria filifolius Thunb. (1)
S. longifolius L. (31)
Perennial. Shrub. Ht 0.6–1.2 m. Alt 20–1700 m. L, EC
- litorosus** Fourc.
Perennial. Herb, ± succulent. Ht 0.3–0.5 m. Alt 5–30 m. WC, EC
- littoreus** Thunb. var. **hispidulus** Harv.
Annual. Herb. Ht 0.2–0.6 m. Alt 10–100 m. WC
- littoreus** Thunb. var. **littoreus**
S. ustulatus DC. (1)
Annual. Herb. Ht 0.2–0.6 m. Alt 10–100 m. WC
- lobelioides** DC.
Annual. Herb. Ht 0.15–0.25 m. Alt ?–130 m. WC
- longiflorus* (DC.) Sch.Bip. = **Kleinia longiflora**
- longifolius* L. = **S. linifolius**
- longipedunculatus* Dinter = **S. maydae**
- lycopodioides** Schltr.
Perennial. Dwarf shrub, herb. Ht 0.1–0.15 m. Alt 75–185 m. WC
- lydenburgensis** Hutch. & Burtt Davy
Hertia kuntzei O.Hoffm. ex Kuntze (26)
S. verdoorniae R.A.Dyer (26)
Perennial. Herb. Ht 0.3–1.5 m. Alt 365–1850 m. NW, G, M, FS, KZN
- lygodes* Hiern = **S. inornatus**
- lyratus* DC. = **S. anapetes**
- lyratus** L.f.
S. lyratus Thunb. (1)
S. variifolius DC. (1)
Perennial. Shrub, herb. Ht 0.7–1.5 m. Alt 90–1615 m. WC, EC
- lyratus* L.f. var. *subcanescens* (DC.) Harv. = **S. subcanescens**
- lyratus* Thunb. = **S. lyratus**
- macowanii** Hilliard
S. prionites MacOwan var. *laxus* MacOwan (30)
Perennial. Herb. Ht 0.3–0.7 m. Alt 1675–2745 m. KZN, EC
- macroalatus* M.D.Hend. = **S. inornatus**
- macrocephalus** DC.
S. gyrophyllus Klatt (26)
Perennial. Herb. Ht 0.2–0.5 m. Alt 180–3475 m. LIM, M, FS, KZN, L, EC
- macroGLOSSOIDES** Hilliard
Perennial. Herb, climber, ± succulent. Ht 0.5–1.8 m. Alt 5–1675 m. M, KZN, EC
- macroGLOSSUS** DC.
Perennial. Herb, climber, ± succulent. Ht 0.75–2.45 m. Alt 15–915 m. M, KZN, EC
- macrophyllus* E.Phillips = **S. isatidioides**
- macropodus* DC. = **S. angulatus**
- macroSPERMUS** DC.
Perennial. Herb. Ht 0.75–1.2 m. Alt 2315–2895 m. KZN, L, EC
- madagascariensis** Poir.
S. burchellii of authors, not of DC., concept invalid (26)
S. junodianus O.Hoffm. (26)
S. ruderalis Harv. (26)
Annual. Herb. Ht 0.2–0.5 m. Alt 5–1830 m. M, S, KZN, WC, EC
- madagascariensis* Poir. var. *crassifolius* Humbert = **S. skirrhodon**
- marginalis** Hilliard
Perennial. Herb. Ht 0.4–1 m. Alt 1585–2135 m. KZN
- maritimus** L.
Annual. Herb, succulent. Ht 0.15–0.45 m. Alt 2–15 m. WC
- marlothianus* O.Hoffm. = **Emilia marlothiana**
- matricariifolius** DC.
S. filipes Turcz. (1)
Annual. Herb. Ht 0.15–0.2 m. Alt 185–1065 m. WC
- mauricei** Hilliard & B.L.Burtt
Perennial. Herb. Ht 0.2–0.5 m. Alt 1675–2440 m. KZN
- maydae** Merxm.
S. longipedunculatus Dinter (25)
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 350–1200 m. N, NC
- mbuluzensis** Compton
Perennial. Herb. Ht 0.6–1.5 m. Alt 765–1525 m. M, S, KZN
- medley-woodii** Hutch.
Perennial. Shrub, succulent. Ht 0.8–1.5 m. Alt 460–800 m. M, S, KZN
- membranifolius* DC. = **S. repandus**
- metallicorum* S.Moore = **S. polyodon** var. **polyodon**
- microGLOSSUS** DC.
S. cupulatus Volkens & Muschl. (26)
Perennial. Shrub, herb. Ht 0.4–1.3 m. Alt 305–1830 m. LIM, M, S, KZN, EC
- microSPERMUS** DC.
Perennial. Dwarf shrub, herb. Ht 0.1–0.2 m. Alt? EC
- mikaniae* DC. = **S. deltoideus**

mikaniiformis DC. = **S. deltoideus**

mikanooides Otto ex Harv. = **Delairea odorata**

mimetes Hutch. & R.A.Dyer

Perennial. Shrub, herb. Ht 0.5–1 m. Alt 15–1220 m. WC, EC

mitophyllus C.Jeffrey

S. filifolius Harv. (36)

Perennial. Shrublet, herb. Ht 0.2–0.4 m. Alt 30–765 m. WC

mlilwanensis Compton

Perennial. Herb. Ht 1–1.8 m. Alt 1065–1370 m. S

momordicifolius Dinter & Muschl. = **Cineraria canescens**

monticola DC.

Perennial. Herb. Ht 0.1–0.3 m. Alt 2000–3070 m. EC

mooreanus Hutch. & Burt Davy

Perennial. Herb. Ht 0.4–0.75 m. Alt 1435–2200 m. LIM, NW, M, FS, KZN

mucronatus (Thunb.) Willd.

Jacobaea mucronata Thunb. (1)

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt? NC, WC

mucronulatus Sch.Bip. = **S. purpureus**

muirii L.Bolus

Perennial. Herb, succulent. Ht 0.2–0.4 m. Alt? NC, WC

multibracteatus Harv.

Annual, occ. perennial. Herb. Ht 0.3–0.45 m. Alt 245–1525 m. EC

multicaulis DC.

Perennial. Dwarf shrub, herb. Ht 0.3–0.5 m. Alt? WC

muricatus Thunb.

Perennial. Shrublet. Ht 0.3–0.6 m. Alt? WC

myrrhifolius Thunb. = **S. arenarius**

namaquanus Bolus = **S. cinerascens**

napifolius MacOwan

Perennial. Herb. Ht 0.35–0.75 m. Alt 760–2100 m. FS, KZN, EC

natalensis Sch.Bip. = **S. brachypodus**

natalicola Hilliard

Perennial. Herb. Ht 0.3–0.6 m. Alt 275–365 m. KZN, EC

ngoyanus Hilliard

Perennial. Herb. Ht 0.3–0.6 m. Alt 5–460 m. KZN

niveus (Thunb.) Willd.

Gutenbergia rangei Muschl. ex Dinter (25)

Jacobaea nivea Thunb. (25)

Perennial. Shrub, dwarf shrub, herb. Ht 0.2–1 m. Alt 365–1650 m. N, NC, WC, EC

odontopterus DC.

Perennial. Herb. Ht 0.2–1 m. Alt? WC

oederiifolius DC.

Perennial. Shrub, dwarf shrub, herb. Ht 0.2–0.9 m. Alt 15–990 m. WC, EC

oliganthus DC. = **S. pauciflosculosus**

ommanei S.Moore = **S. inornatus**

orbicularis Sond. ex Harv. = **S. oxyriifolius**

oreophilus Muschl. ex Dinter = **Anisopappus pinnatifidus**

othonniflorus DC.

Brachyrhynchos eupatorioides Less. (1)

Doria denticulata Thunb. (1)

Perennial. Herb. Ht 0.3–1 m. Alt 45–2865 m. LIM, NW, G, M, FS, KZN, L, EC

othonniformis Fourc. = **S. ruwenzoriensis**

ovoideus (Compton) H.Jacobsen

Kleinia ovoidea Compton (37)

Perennial. Herb, succulent. Ht 0.2–0.5 m. Alt? WC

oxyodontus DC.

S. blattarioides DC. (26)

S. zeyheri Turcz. (26)

Perennial. Shrub, herb, succulent. Ht 0.2–1 m. Alt 100–1675 m. KZN, EC

oxyriifolius DC.

S. orbicularis Sond. ex Harv. (26)

S. peltatus DC. (26)

S. peltiformis DC. (26)

S. subnudus DC. (26)

S. subpeltatus Steud. (26)

Perennial. Herb, succulent. Ht 0.1–1 m. Alt 15–2400 m. LIM, NW, G, M, S, KZN, EC

paarlensis DC.

Annual. Herb. Ht 0.15–0.5 m. Alt 60–1675 m. WC

pachyhelis E.Phillips & C.A.Sm. = **S. conrathii**

paludaffinis Hilliard

Perennial. Herb. Ht 0.35–0.75 m. Alt 1370–2440 m. S, KZN

panduratus (Thunb.) Less.

Cineraria pandurata Thunb. (1)

Perennial. Herb. Ht 0.2–0.6 m. Alt 130–835 m. NC, WC

pandurifolius Harv. = **S. panduriformis**

panduriformis Hilliard

S. pandurifolius Harv. (26)

Biennial? Herb. Ht 0.9–2.4 m. Alt 600–1980 m. LIM, M, S, KZN, EC

paniculatus J.M.Wood, not of P.J.Bergius, concept invalid = **S. chrysocoma**

paniculatus P.J.Bergius

Perennial. Shrub, herb. Ht 0.5–2 m. Alt 15–1675 m. NC, WC, EC

paniculatus P.J.Bergius var. *reclinatus* (L.f.) Harv. = **S. chrysocoma**

parascitus Hilliard

Perennial. Herb. Ht 0.3–0.6 m. Alt 2000–3000 m. KZN, L

parentalis Hilliard & B.L.Burt

Perennial. Herb. Ht 0.3–0.6 m. Alt 1800–2165 m. KZN

parvifolius DC.

Perennial. Dwarf shrub, herb. Ht 0.2–0.75 m. Alt 765–1325 m. NC, WC

paucicalyculatus Klatt

S. launayaefolius O.Hoffm. (26)

Perennial. Herb. Ht 0.45–1 m. Alt 1065–2560 m. M, FS, KZN, L

paucicephalus R.A.Dyer = **S. affinis**

pauciflorus Thunb. = **S. grandiflorus**

pauciflosculosus C.Jeffrey

S. oliganthus DC. (36)

- Perennial. Shrub, herb. Ht 0.3–0.9 m. Alt 365–1525 m.
WC, EC
- paucifolius* DC. = **S. ruwenzoriensis**
- pauciligulatus* R.A.Dyer & C.A.Sm. = **S. adnatus**
- pearsonii** Hutch.
Perennial. Herb. Ht 0.2–0.4 m. Alt? NC
- peculiaris* Dinter = **S. apiifolius**
- pedicularifolius* DC. = **S. spiraeifolius**
- pellucidus** DC.
S. lancifolius Turcz. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt? EC
- peltatus* DC. = **S. oxyriifolius**
- peltiformis* DC. = **S. oxyriifolius**
- penninervius** DC.
Perennial. Herb. Ht 0.3–0.6 m. Alt? EC
- pentactinus** Klatt
Perennial. Shrub, herb. Ht 0.6–1.5 m. Alt 490–1850 m.
LIM, NW, G, M
- persicifolius* Burm. = **S. lineatus**
- persicifolius** L.
Jacobaea persicifolia Thunb. (1)
Annual. Herb. Ht 0.3–0.45 m. Alt? WC
- petiolaris** DC.
Doria undulata Thunb. (1)
Perennial. Herb. Ht 0.1–0.4 m. Alt ?–1645 m. WC
- phalachrolaenus* DC. = **S. incisus**
- phonolithicus* Dinter = **S. sarcoides**
- picridifolius* DC. = **Crassocephalum** × **picridifolium**
- pillansii** Levyns
Perennial. Shrublet. Ht 0.2–0.3 m. Alt 15–155 m. WC
- pinguifolius** (DC.) Sch.Bip.
Kleinia pinguifolia DC. (37)
Perennial. Herb, succulent. Ht 0.1–0.2 m. Alt 540–800 m. N, NC
- pinifolius** (L.) Lam.
Cineraria laricifolia Lam. (1)
Inula pinifolia L. (1)
Perennial. Shrublet. Ht 0.2–0.5 m. Alt 45–2490 m.
WC, EC
- pinnatifidus** (P.J.Bergius) Less.
Cacalia pinnatifida P.J.Bergius (1)
Doria bipinnata Thunb. (1)
S. abrotanoides E.Mey. (1)
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 955–1675 m. WC
- pinnulatus* Sieber = **S. crassiusculus**
- pinnulatus** Thunb.
S. scabriusculus DC. (1)
Annual or perennial. Shrublet, herb. Ht 0.3–0.7 m. Alt 15–1890 m. NC, WC
- piptocoma** O.Hoffm.
Annual. Herb. Ht 0.1–0.45 m. Alt 5–1400 m. N, NC, WC
- plebeius* DC. = **S. laevigatus** var. **laevigatus**
- pleistocephalus** S.Moore
Perennial. Shrub, scandent, ± succulent. Ht 0.75–4.75 m. Alt 50–1475 m. N, LIM, NW, G, M, S, KZN
- polelensis** Hilliard
Perennial. Herb. Ht 0.3–0.6 m. Alt 2040–2370 m.
KZN
- polyanthemoides** Sch.Bip.
Annual. Herb. Ht 0.3–1.8 m. Alt 40–1800 m. LIM, NW, M, S, KZN, WC, EC
- polyanthemus* DC. var. *epitrachys* DC. = **S. juniperinus** var. **epitrachys**
- polyodon** DC. var. **polyodon**
S. breyeri S.Moore (26)
S. metallicorum S.Moore (26)
S. versicolor Hiern (26)
Perennial. Herb. Ht 0.3–0.9 m. Alt 230–3100 m. G, M, S, FS, KZN, L, EC
- polyodon** DC. var. **subglaber** (Kuntze) Hilliard & B.L.Burtt
S. concolor DC. var. *subglaber* O.Hoffm. ex Kuntze (26)
Perennial. Herb. Ht 0.2–0.9 m. Alt 1700–3100 m. M, FS, KZN, L, EC
- populifolius* L. = **S. halimifolius**
- poseideonis** Hilliard & B.L.Burtt
Biennial? Herb. Ht 0.7–1.3 m. Alt 915–1295 m. KZN, EC
- praeteritus** Killick
Perennial. Herb. Ht 0.25–0.45 m. Alt 650–2250 m.
KZN, EC
- prionites* MacOwan = **S. hypochoerideus**
- prionites* MacOwan var. *laxus* MacOwan = **S. macowanii**
- prostratus** Klatt
Perennial. Herb. Ht 0.1–0.2 m. Alt 1770–2270 m. EC
- pseudo-elegans* Less. = **S. elegans**
- pseudo-rhynchochaenus* Thell. excl. var. *auriculatus* Thell. = **S. subrubriflorus**
- pseudo-rhynchochaenus* Thell. var. *auriculatus* Thell. = **S. rhynchochaenus**
- pseudo-sceptrum* Steud. = **S. spiraeifolius**
- pterophorus** DC.
S. pterophorus DC. var. *apterus* Harv. (26)
Annual. Shrub, herb. Ht 0.3–1.8 m. Alt 15–1980 m.
KZN, L, WC, EC
- pterophorus* DC. var. *apterus* Harv. = **S. pterophorus**
- puberulus** DC.
Annual, occ. perennial. Herb. Ht 0.15–0.3 m. Alt 5–700 m. EC
- pubigerus** L.
S. squamosus Thunb. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.2 m. Alt 5–1585 m. WC
- pullus* Klatt (1896) = **S. umgeniensis**
- purpureus** L.
S. mucronulatus Sch.Bip. (26)
Perennial. Herb. Ht 0.2–1.5 m. Alt 5–1830 m. KZN, WC, EC
- pyramidatus** DC.
Perennial. Shrub, shrublet, succulent. Ht 0.5–1 m. Alt 20–550 m. EC
- qathlambanus** Hilliard
Perennial. Herb. Ht 0.1–0.4 m. Alt 2300–3275 m.
KZN, L, EC
- quercifolius* Thunb. = **S. ilicifolius**
- quinqueflorus* DC. = **S. bipinnatus**

- quinquelobus** (Thunb.) DC.
Cacalia quinqueloba Thunb. (1)
Perennial. Herb, climber, ± succulent. Ht 1–4 m. Alt 10–1370 m. KZN, WC, EC
- quinquelobus** (Thunb.) DC. var. *helminthioides* Sch.Bip.
= **S. helminthioides**
- quinquenervius** Sond.
Perennial. Shrublet, herb. Ht 0.3–0.6 m. Alt? WC, EC
- radicans** (L.f.) Sch.Bip.
Kleinia radicans (L.f.) Haw. (26)
S. adenocalyx Dinter (25)
Perennial. Herb, succulent. Ht 0.05–0.15 m. Alt 20–1900 m. N, LIM, G, FS, KZN, L, NC, WC, EC
- rautaneni** S.Moore = **S. eenii**
- rehmannii** Bolus
Perennial. Shrublet, herb. Ht 0.3–0.6 m. Alt 100–550 m. WC
- repandus** Thunb.
S. inconstans DC. (1)
S. membranifolius DC. (1)
Annual. Herb. Ht 0.1–0.3 m. Alt 160–2165 m. NC, WC
- reptans** Turcz.
Perennial. Herb. Ht 0.05–0.15 m. Alt 915–1615 m. NW, FS, NC, EC
- retortus** (DC.) Benth.
Felicia retorta DC. (3)
Perennial. Shrublet. Ht 0.1–0.4 m. Alt? WC
- retrorsus** DC.
S. graminicolus C.A.Sm. (26)
S. latifolius DC. var. *barbellatus* (DC.) Harv. (26)
S. latifolius DC. var. *retrorsus* (DC.) Harv. (26)
S. retrorsus DC. var. *subdentulus* DC. (26)
Perennial. Herb. Ht 0.2–0.8 m. Alt 20–2135 m. KZN, L, EC
- retrorsus* DC. var. *subdentulus* DC. = **S. retrorsus**
- rhomboideus** Harv.
S. dieterlenii E.Phillips (26)
Perennial. Herb, succulent. Ht 0.2–1 m. Alt 30–3020 m. LIM, M, FS, KZN, L, WC, EC
- rhopalophyllus** (Dinter) Merxm. = **S. aloides**
- rhyncholaenus** DC.
S. pseudo-rhyncholaenus Thell. var. *auriculatus* Thell. (26)
Perennial. Herb. Ht 0.3–0.6 m. Alt 90–1525 m. S, KZN, EC
- rigescens** Jacq. = **S. rosmarinifolius**
- rigidus** L.
Perennial. Shrub. Ht 0.4–1.5 m. Alt 10–1615 m. WC, EC
- robertiifolius** DC.
Perennial. Herb. Ht 0.2–0.5 m. Alt 850–1615 m. NC, WC, EC
- rosmarinifolius** L.f.
S. asper Aiton (1)
S. rigescens Jacq. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 5–1350 m. NC, WC, EC
- rowleyanus** H.Jacobsen
Perennial. Herb, prostrate, succulent. Ht 0.05–0.2 m. Alt? WC, EC
- rubens** Juss. ex Jacq. = **Crassocephalum rubens**
- ruderalis** Harv. = **S. madagascariensis**
- ruwenzoriensis** S.Moore
S. othomifolius Fourc. (26)
S. paucifolius DC. (26)
Perennial. Herb, succulent. Ht 0.15–0.75 m. Alt 85–2850 m. LIM, NW, G, M, FS, KZN, NC, WC, EC
- sandersonii** Harv.
S. drakensbergis Klatt (26)
Perennial. Herb. Ht 0.3–0.5 m. Alt ?–1675 m. KZN
- saniensis** Hilliard & B.L.Burt
Perennial. Herb. Ht 0.25–0.45 m. Alt 2865–3135 m. KZN, L
- sarcoides** C.Jeffrey
S. corymbiferus DC. (39)
S. phonolithicus Dinter (25)
S. succulentus DC. (36)
Perennial. Shrub, shrublet, succulent. Ht 0.3–1 m. Alt 5–1005 m. N, NC, WC
- scabriusculus** DC. = **S. pinnulatus**
- scandens** DC. = **Delairea odorata**
- scapiflorus** (L'Hér.) C.A.Sm.
Perennial. Herb. Ht 0.2–0.5 m. Alt 30–1310 m. NC, WC
- scaposus** DC.
S. calamifolius Hook. (1)
Perennial. Herb, succulent. Ht 0.2–0.4 m. Alt 20–670 m. WC, EC
- sceleratus** Schweick. = **S. latifolius**
- schinzii** O.Hoffm. = **Emilia ambifaria**
- scitus** Hutch. & Burt Davy
Perennial. Herb. Ht 0.2–0.6 m. Alt 1115–3050 m. LIM, G, M, S, FS, KZN, L, EC
- scoparius** Harv.
S. caulopterus Harv., not of DC., concept invalid (26)
S. colensoensis O.Hoffm. ex Kuntze (29)
Perennial. Herb. Ht 0.6–1.5 m. Alt 365–1525 m. M, S, KZN, EC
- segmentatus** Oliv. = **Lopholaena segmentata**
- seminiveus** J.M.Wood & M.S.Evans
Perennial. Dwarf shrub. Ht 0.1–0.25 m. Alt 1615–3355 m. FS, KZN, L, EC
- serpens** G.D.Rowley
Kleinia repens L. (39)
Perennial. Dwarf shrub, succulent. Ht 0.1–0.2 m. Alt 400–1800 m. WC
- serra** Sond. = **S. inornatus**
- serratuloides** DC.
S. serratuloides DC. var. *glabratus* DC. (26)
Perennial. Herb. Ht 0.3–1 m. Alt 155–2425 m. LIM, M, G, S, KZN, EC
- serratuloides* DC. var. *dieterlenii* Thell. = **S. gregatus**
- serratuloides* DC. var. *glabratus* DC. = **S. serratuloides**
- serratuloides* DC. var. *gracilis* Harv. = **S. gregatus**
- serratuloides* DC. var. *holubii* Thell. = **S. gregatus**
- serratuloides* DC. var. *rehmannii* Thell. = **S. gregatus**
- serratus* E.Mey. = **S. incomptus**
- serrulatus** DC.
Perennial. Herb. Ht 0.2–0.5 m. Alt 2195–2470 m. L, EC

serrurioides Turcz.

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 425–825 m. EC

sessilis Thunb. = **S. halimifolius****sisymbriifolius** DC.

Annual. Herb. Ht 0.1–0.6 m. Alt 195–1405 m. N, NC

sisymbriifolius Dinter, not of DC., concept invalid = **S. apiifolius****skirrhodon** DC.

S. madagascariensis Poir. var. *crassifolius* Humbert (26)

Perennial. Herb, ± succulent. Ht 0.4–0.5 m. Alt 5–10 m. KZN, EC

sneeuwbergensis Bolus = **S. inornatus****sociorum** Bolus

Perennial. Shrublet. Ht 0.3–0.5 m. Alt 320–395 m. WC

solidagineus Spreng. = **S. halimifolius****solidaginoides** P.J.Bergius = **S. halimifolius****sophioides** DC.

Annual. Herb. Ht 0.1–0.3 m. Alt 180–1615 m. WC

speciosus Willd.

S. concolor DC. (26)

Perennial. Herb. Ht 0.15–0.75 m. Alt 10–3200 m. LIM, M, S, FS, KZN, L, WC, EC

spiraeifolius Thunb.

S. ecklonianus DC. (1)

S. pedicularifolius DC. (1)

S. pseudo-sceptrum Steud. (1)

Perennial. Herb. Ht 0.15–0.3 m. Alt 820–1370 m. NC, WC

squamosus Thunb. = **S. pubigerus****stapeliiformis** E.Phillips = **Kleinia stapeliiformis****striatifolius** DC.

Perennial. Herb. Ht 0.3–0.75 m. Alt 60–2010 m. LIM, NW, G, M, FS, KZN, EC

striatus Thunb. = **Osteospermum bidens****strictifolius** Hiern

Annual. Herb. Ht 1.5–1.75 m. Alt? N, B

subcanescens (DC.) Compton

S. lyratus L.f. var. *subcanescens* (DC.) Harv. (18)

Perennial. Shrub, herb. Ht 0.4–1.5 m. Alt 60–900 m. WC, EC

subcoriaceus Schltr.

S. basutensis Thell. (1911) (26)

Perennial. Herb. Ht 0.1–0.4 m. Alt 1185–2590 m. LIM, G, M, FS, KZN, L, EC

submontanus Hilliard & B.L.Burt

Perennial. Herb. Ht 0.35–0.75 m. Alt 1550–2440 m. KZN

subnudus DC. = **S. oxyriifolius****subpeltatus** Steud. = **S. oxyriifolius****subrubriflorus** O.Hoffm.

S. pseudo-rhyncholaenus Thell. excl. var. *auriculatus* Thell. (26)

S. viscidus N.E.Br. (26)

Perennial. Herb. Ht 0.2–0.7 m. Alt 1070–2500 m. M, FS, KZN, L

subsINUATUS DC.

Perennial. Suffrutex, ± succulent. Ht 0.3–0.45 m. Alt? WC?

succulentus DC. = **S. sarcoides****sulcatus** DC. = **S. crispus****sulcicalyx** Baker

Kleinia pusilla (Dinter) Merxm. (34)

Othonna pusilla Dinter (34)

S. iosensis G.D.Rowley (34)

S. klinghardtianus Dinter (34)

Perennial. Herb, succulent. Ht 0.1–0.2 m. Alt? N

surculosus MacOwan

Perennial. Dwarf shrub. Ht 0.5–1 m. Alt ?–670 m. EC

swaziensis Compton = **S. glaberrimus****tamoides** DC.

Perennial. Herb, climber, ± succulent. Ht 0.7–6 m. Alt 10–1905 m. LIM, M, S, KZN, EC

tanacetoides Sond. ex Harv. = **S. tanacetopsis****tanacetopsis** Hilliard

S. tanacetoides Sond. ex Harv. (26)

Perennial. Shrub, dwarf shrub. Ht 0.2–0.45 m. Alt 1370–2500 m. FS, KZN, L, EC

telmateius Hilliard

Perennial. Herb. Ht 0.15–0.3 m. Alt 2195–2440 m. KZN, L

tenellulus S.Moore = **Emilia tenellula****tenellus** DC.

Annual. Herb. Ht 0.07–0.15 m. Alt? WC

tenuilobus DC. = **S. umbellatus****thamathuensis** Hilliard

Perennial. Herb. Ht 0.2–0.5 m. Alt 2105–2135 m. KZN

thermarum Bolus = **Emilia transvaalensis****thunbergii** Harv.

Cacalia tomentosa Thunb. (1)

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt? EC

thyrsoideus DC. = **S. barbatus****tomentosus** Salisb. = **S. cinerascens****tortuosus** DC.

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 5–915 m. WC

toxotis C.Jeffrey

Kleinia archeri Compton (36)

S. archeri (Compton) H.Jacobsen (36)

Perennial. Herb, succulent. Ht 0.1–0.3 m. Alt? WC

trachylaenus Harv.

Annual. Herb. Ht 0.3–0.45 m. Alt ?–915 m. NC

trachyphyllus Schltr.

Perennial. Suffrutex. Ht 0.35–0.75 m. Alt ?–500 m. WC

transvaalensis Bolus = **Emilia transvaalensis****trifurcatus** Klatt = **S. triodontiphyllus****triodontiphyllus** C.Jeffrey

S. trifurcatus Klatt (36)

Perennial. Herb. Ht 0.3–0.8 m. Alt 975–1100 m. M

triplinervius DC.

Perennial. Herb. Ht 0.3–0.6 m. Alt? EC

triqueter DC.

Perennial. Shrublet. Ht 0.2–0.5 m. Alt 120–640 m. WC

tropaefolius MacOwan

- Perennial. Herb, ± succulent. Ht 0.2–0.4 m. Alt 640–825 m. EC
- tuberosus** (DC.) Harv.
Brachyrhynchos tuberosus DC. (1)
Doria pinnatifida Thunb. (1)
S. incertus DC. (1)
Perennial. Herb. Ht 0.15–0.45 m. Alt 105–1450 m. WC
- tugelensis** J.M.Wood & M.S.Evans
Perennial. Herb. Ht 0.1–0.3 m. Alt 2700–3355 m. KZN, L, EC
- tysonii** MacOwan
S. curtrophyllus Klatt (26)
Perennial. Herb. Ht 0.5–1.5 m. Alt 1370–1830 m. KZN, EC
- ulopterus** Thell.
Perennial. Herb. Ht 0.3–0.6 m. Alt 1200–2380 m. KZN
- umbellatus** L.
S. tenuilobus DC. (1)
Perennial. Herb. Ht 0.3–1 m. Alt 45–1525 m. WC, EC
- umgeniensis** Thell.
S. basutensis Thell. (1921) in part (26)
S. pullus Klatt (1896) (26)
Perennial. Herb. Ht 0.1–0.25 m. Alt 150–1050 m. KZN
- urophyllus** Conrath
Perennial. Herb. Ht 0.3–0.8 m. Alt 200–1705 m. G, M, KZN
- ustulatus** DC. = **S. littoreus** var. **littoreus**
- variabilis** Sch.Bip.
S. erubescens Aiton var. *crepidifolius* Harv., not of DC., concept invalid (26)
Perennial. Herb. Ht 0.15–0.6 m. Alt 5–600 m. KZN, EC
- variifolius** DC. = **S. lyratus**
- venosus** Harv.
Perennial. Herb. Ht 0.2–1.2 m. Alt 300–1725 m. B, LIM, NW, G, M, S, KZN
- venustus** Aiton = **S. grandiflorus**
- verbascifolius** Burm.f.
Cineraria hypoleuca Sieber (1)
Cineraria tussilaginea Thunb. in part (1)
Perennial. Herb. Ht 0.2–0.6 m. Alt 800–1000 m. WC
- verdoorniae** R.A.Dyer = **S. lydenburgensis**
- vernonioides** Sch.Bip. = **S. erubescens** var. **erubescens**
- versicolor** Hiern = **S. polyodon** var. **polyodon**
- vestitus** (Thunb.) P.J.Bergius
Jacobaea vestita Thunb. (1)
Perennial. Shrub, dwarf shrub, herb. Ht 0.3–1.5 m. Alt 700–1690 m. NC, WC
- villifructus** Hilliard
Perennial. Herb. Ht 0.2–0.4 m. Alt 1280–1370 m. KZN
- viminalis** Bremek.
Perennial. Shrub, scandent, succulent. Ht 0.5–4.5 m. Alt 55–1010 m. LIM, M, S, KZN
- vimineus** Harv., not of DC., concept invalid = **S. harveianus**
- viridiflorus** Hutch. = **Emilia marlothiana**
- viscidulus** Compton
Perennial. Herb. Ht 0.2–0.35 m. Alt 610–1675 m. S, KZN
- viscidus** N.E.Br. = **S. subrubriflorus**
- vitalis** N.E.Br.
Perennial. Shrub, succulent. Ht 0.75–0.9 m. Alt 5–715 m. EC
- volkameri** Sch.Bip. = **S. arenarius**
- *vulgaris** L.
Annual. Herb. Ht 0.15–0.5 m. Alt 5–570 m. G, L, WC, EC
- waterbergensis** S.Moore
Perennial. Shrublet. Ht 0.3–0.5 m. Alt? LIM
- welwitschii** O.Hoffm. = **Kleinia fulgens**
- windhoekensis** Merxm.
Annual. Herb. Ht 0.25–0.6 m. Alt 900–1675 m. N, NC
- wittebergensis** Compton
Perennial. Herb. Ht 0.1–0.2 m. Alt ?–1600 m. WC
- zeyheri** Turcz. = **S. oxyodontus**

SERIPHIMUM L. 9037010

Compiled by M. Koekemoer

(1) Koekemoer. 2002. *Systematics of the Metalasia group in the Relhaniae*. Unpublished Ph.D. thesis, Rand Afrikaans University.**adpressum** DC. = **Dicerotheramnus rhinocerotis****alopecuroides** Lam. = **Stoebe alopecuroides****cinereum** L.*Stoebe cinerea* (L.) Thunb. (1)

Perennial. Shrub. Ht 0.4–1.5 m. Alt 0–1600 m. LIM, M, FS, WC, EC

fuscum L. = **Stoebe fusca****gnaphaloides** L. = **Myrovernix gnaphaloides****gomphrenoides** Lam. = **Stoebe gomphrenoides****incanum** (Thunb.) Pers.*Stoebe incana* Thunb. (1)*Stoebe leiocarpa* Sch.Bip. (1)

Perennial. Shrub. Ht 0.3–0.6 m. Alt 100–1100 m. WC

nervigerum DC. = **Stoebe nervigera****phyllostachyum** DC. = **Stoebe phyllostachya****plumosum** L.*Artemisia ambigua* Thunb. (1)*Artemisia vermiculata* L. (1)*Elytropappus rusciarius* Dinter (1)*Stoebe burchellii* Levyns (1)*Stoebe cinerea* Thunb. var. *plumosa* (Less.) Harv. (1)*Stoebe plumosa* (L.) Thunb. (1)*Stoebe vulgaris* Levyns (1)

Perennial. Shrub. Ht 0.6–1.5 m. Alt 0–2200 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

prostratum (L.) Lam. = **Stoebe prostrata****saxatilis** (Levyns) Koekemoer*Stoebe saxatilis* Levyns (1)

Perennial. Shrub. Ht 0.3–0.6 m. Alt 1000–1600 m. WC

spirale (Less.) Koekemoer*Stoebe filaginea* (DC.) Sch.Bip.*Stoebe spiralis* Less. (1)*Stoebe spiralis* Less. var. *flavescens* (DC.) Harv. (1)

Perennial. Shrub. Ht 0.2–0.5 m. Alt 200–1400 m. WC

SERRATULA L.

9474000

arvensis L. = **Cirsium arvense**

***SIGESBECKIA L.** 9160000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 300–302.**orientalis L.**

Annual. Herb. Ht up to 1 m. Alt 10–2010 m. LIM, KZN, EC

***SILYBUM Adans.** 9464000

Compiled by E. Retief

(1) Hilliard. 1977. *Compositae in Natal*: 579, 580.**marianum (L.) Gaertn.***Carduus marianus* L. (1)

Annual. Herb. Ht 0.3–1.2 m. Alt 600–1600 m. G, EC

SOLANECIO (Sch.Bip.) Walp. 9411110

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 372.(2) Jeffrey. 1986. *Kew Bulletin* 41: 920–923.(3) Herman *et al.* 1997. *List of southern African succulent plants*: 40.(4) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 329, 330.**angulatus (Vahl) C.Jeffrey***Crassocephalum bojeri* (DC.) Robyns (2)*Crassocephalum subscandens* (A.Rich.) S.Moore (1, 2)

Perennial. Shrub, climber, succulent. Ht up to 30 m. Alt 10–945 m. LIM, KZN

***SOLIVA Ruíz & Pav.** 9352000

Compiled by P.P.J. Herman

(1) Lessing. 1832. *Synopsis generum Compositarum*: 268.(2) Tutin. 1976. *Flora europaea* 4: 178.(3) Bremer & Humphries. 1993. *Bulletin of the Natural History Museum, Botany* 23: 159, 160.*pterosperma* (Juss.) Less. = **S. sessilis****sessilis Ruíz & Pav.***Gymnostyles pterosperma* Juss. (1)*S. pterosperma* (Juss.) Less. (3)

Annual. Herb. Length 0.05–0.2 m. Alt? KZN, WC, EC

SONCHUS L. 9595000

Compiled by P.P.J. Herman

(1) Merxmüller. 1967. *FSWA* 140: 3, 4.(2) Boulos. 1973. *Botaniska Notiser* 126: 155–196.(3) Hilliard. 1977. *Compositae in Natal*: 621–629.(4) Pope. 1992. *FZ* 6.1: 221–229.(5) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 330, 331.***asper (L.) Hill subsp. asper***S. gigas* Boulos ex Humbert (4)*S. gigas* Boulos ex Humbert subsp. *medius* Boulos ex Humbert (4)*S. oleraceus* L. var. *asper* L. (1, 3, 4)

Annual, occ. perennial. Herb. Ht 0.2–2 m. Alt 5–1700 m. N, B, LIM, NW, G, S, FS, KZN, L, NC, WC

asper (L.) Hill subsp. glaucescens (Jord.) BallS. glaucescens* Jord. (2)

Annual. Herb. Ht 0.07–0.5 m. Alt 500–700 m. FS, EC

dregeanus DC.*S. ecklonianus* DC. (3)

Perennial. Herb. Ht 0.12–0.9 m. Alt 3–2200 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC

ecklonianus DC. = **S. dregeanus****friesii Boulos var. friesii**

Perennial. Herb. Ht up to 1 m. Alt 0–1000 m. KZN

gigas Boulos ex Humbert = **S. asper** subsp. **asper***gigas* Boulos ex Humbert subsp. *medius* Boulos ex Humbert = **S. asper** subsp. **asper***glaucescens* Jord. = **S. asper** subsp. **glaucescens***goreensis* Lam. = **Launaea intybacea****integrifolius Harv. var. integrifolius**

Perennial. Herb. Ht up to 0.4 m. Alt 0–1800 m. LIM, NW, G, M, S, FS, KZN, L, EC

integrifolius Harv. var. schlechteri R.E.Fr.

Perennial. Herb. Ht up to 0.4 m. Alt 5–2200 m. M, FS, KZN, L

jacottetianus Thell.

Perennial. Herb. Ht up to 0.3 m. Alt 1600–2000 m. KZN

lanifer Dinter = **Launaea rarifolia*****maritimus L.***S. otaviensis* Dinter (1)

Perennial. Herb. Ht up to 0.6 m. Alt 5–1200 m. N, LIM, NW, G, KZN, NC, WC

nanus Sond. ex Harv.

Perennial. Herb. Ht up to 0.2 m. Alt 1200–3400 m. LIM, NW, G, M, S, FS, KZN, L

***oleraceus L.**

Annual. Herb. Ht 0.1–1.5 m. Alt 3–1800 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

oleraceus L. var. *asper* L. = **S. asper** subsp. **asper***otaviensis* Dinter = **S. maritimus***rarifolius* Oliv. & Hiern = **Launaea rarifolia***scapiforme* Thell. = **Lactuca tysonii****tenerrimus L.**

Annual. Herb. Ht 0.1–0.8 m. Alt ± 1200 m. NC

tysonii E.Phillips = **Lactuca tysonii****wilmsii R.E.Fr.**

Perennial. Herb. Ht up to 1 m. Alt 0–1500 m. LIM, NW, G, M, S, FS, KZN, EC

SPHAERANTHUS L. 8955000

Compiled by P.P.J. Herman

(1) Robyns. 1924. *Kew Bulletin* 1924: 177–199.(2) Ross-Craig. 1955. *Hooker's Icones Plantarum* 36: 1–90, t. 3501–3525.(3) Merxmüller. 1966. *Mitteilungen der Botanischen Staatssammlung München* 6: 249, 250.(4) Merxmüller. 1967. *FSWA* 139: 173–175.(5) Kers. 1969. *Dinteria* 2: 3–12.(6) Wild. 1980. *Kirkia* 12: 19, 20, 96–113.(7) Anderberg. 1991. *Plant Systematics and Evolution* 176: 169.*brounae* Robyns = **S. flexuosus***calcareus* Robyns = **S. flexuosus***dinteri* Muschl. = **S. flexuosus****epigaeus Schinz**

Annual. Herb. Ht 0.15–0.5 m. Alt 1000–1050 m. N

flexuosus O.Hoffm. ex De Wild.*S. brounae* Robyns (2)*S. calcareus* Robyns (6)*S. dinteri* Muschl. (4)*S. humilis* O.Hoffm. (6)*S. kalahariensis* Bremek. & Oberm. (6)

Annual, occ. perennial. Herb. Ht 0.13–0.6 m. Alt 900–1500 m. N, B

humilis O.Hoffm. = **S. flexuosus**

incisus Robyns = **S. peduncularis** subsp. **peduncularis**
kalahariensis Bremek. & Oberm. = **S. flexuosus**
madagascariensis Robyns = **S. peduncularis** subsp.
rogersii

neglectus in sense of Ross-Graig = **S. peduncularis**
subsp. **rogersii**

peduncularis DC. subsp. **peduncularis**

S. incisus Robyns (6)

Perennial. Herb. Ht up to 0.9 m. Alt 30–1005 m. N?,
B, LIM, M, S, KZN, EC

peduncularis DC. subsp. **rogersii** (N.E.Br.) Wild

S. madagascariensis Robyns (2)

S. neglectus in sense of Ross-Graig (6)

S. rogersii N.E.Br. (2, 6)

Perennial. Herb. Ht 0.4–0.6 m. Alt? N, B

rogersii N.E.Br. = **S. peduncularis** subsp. **rogersii**

wattii Giess ex Merxm.

Perennial. Dwarf shrub. Ht up to 0.9 m. Alt? N

SPHAEROCLINIUM Sch.Bip. 9339010

nigellifolium (DC.) Sch.Bip. = **Cotula nigellifolia** var.
nigellifolia

***SPHAGNETICOLA** O.Hoffm. 9192020

Compiled by N. Netnou

(1) Pruski. 1996. *Novon* 6: 404–418.

trilobata (L.) Pruski

Thelechitonia trilobata (L.) H.Rob. & Cuatrec. (1)

Wedelia paludosa DC. (1)

Wedelia trilobata (L.) Hitchc. (1)

Perennial. Herb, creeper. Length up to 0.5 m. Alt 119–
900 m. M, KZN

SPHENOGYNE R.Br. 9431010

abrotanifolia R.Br. = **Ursinia abrotanifolia**

adonidifolia DC. = **Ursinia anthemoides** subsp. **anthe-**
moides

anethifolia Less. = **Ursinia paleacea**

anethoides DC. = **Ursinia anethoides**

anethoides DC. var. *brachyglossa* DC. = **Ursinia punctata**

anethoides DC. var. *ramossima* DC. = **Ursinia punctata**

anthemoides (L.) R.Br. = **Ursinia anthemoides** subsp.
anthemoides

anthemoides (L.) R.Br. var. *versicolor* (DC.) Harv. =
Ursinia anthemoides subsp. **versicolor**

brachyloba Kunze = **Ursinia brachyloba**

brachypoda Harv. = **Ursinia hispida**

brevifolia DC. = **Ursinia discolor**

calendulaeflora DC. = **Ursinia calenduliflora**

chamomillaefolia DC. = **Ursinia nudicaulis**

chamomillaefolia DC. var. *elongata* Harv. = **Ursinia**
nudicaulis

chrysanthemoides Less. = **Ursinia chrysanthemoides**

ciliaris DC. = **Ursinia tenuifolia** subsp. **ciliaris**

concolor Harv. = **Ursinia punctata**

coronopifolia Less. = **Ursinia coronopifolia**

crithmifolia R.Br. = **Ursinia paleacea**

crithmifolia R.Br. var. *grandiflora* Harv. = **Ursinia**
paleacea

crithmifolia R.Br. var. *trifurcata* DC. = **Ursinia palea-**
cea

dentata (L.) R.Br. = **Ursinia dentata**

dentata (L.) R.Br. var. *setigera* (DC.) Harv. = **Ursinia**
dentata

discolor Less. = **Ursinia discolor**

dregeana DC. = **Ursinia dregeana**

eckloniana Sond. = **Ursinia eckloniana**

filipes E.Mey. ex DC. = **Ursinia filipes**

foeniculacea (Jacq.) Less. = **Ursinia anthemoides**
subsp. **anthemoides**

gracilis DC. = **Ursinia punctata**

grandiflora DC. = **U. paleacea**

heterodonta DC. = **Ursinia heterodonta**

hispida DC. = **Ursinia hispida**

leptoglossa DC. = **Ursinia trifida** forma **trifida**

macropoda DC. = **Ursinia macropoda**

microcephala DC. = **Ursinia anthemoides** subsp. **anthe-**
moides

nudicaulis (Thunb.) Less. = **Ursinia nudicaulis**

nudicaulis (Thunb.) Less. var. *alpina* Harv. = **Ursinia**
nudicaulis

nudicaulis (Thunb.) Less. var. *gracilior* Harv. = **Ursinia**
nudicaulis

paleacea (Thunb.) Less. = **Ursinia subflosculosa**

pauciloba DC. = **Ursinia punctata**

pilifera (P.J.Bergius) DC. = **Ursinia pilifera**

pussila DC. = **Ursinia anthemoides** subsp. **anthe-**
moides

quinquepartita DC. = **Ursinia quinquepartita**

rigidula DC. = **Ursinia rigidula**

scapiformis DC. = **Ursinia nudicaulis**

scariosa (Aiton) R.Br. = **Ursinia scariosa** subsp. **scariosa**

sericea (Thunb.) Less. = **Ursinia sericea**

serrata (L.f.) DC. = **Ursinia serrata**

setigera DC. = **Ursinia dentata**

speciosa Knowles & Westc. = **Ursinia anthemoides**
subsp. **anthemoides**

subflosculosa DC. = **Ursinia subflosculosa**

subhirsuta DC. = **Ursinia scariosa** subsp. **subhirsuta**

tenuifolia (L.) DC. = **Ursinia tenuifolia** subsp. **tenuifolia**

tenuifolia (L.) DC. var. *heterochroma* Harv. = **Ursinia**
tenuifolia subsp. **tenuifolia**

trifida (Thunb.) Less. = **Ursinia trifida** forma **trifida**

trifurca Harv. = **Ursinia tenuifolia** subsp. **ciliaris**

triloba DC. = **Ursinia trifida** forma **trifida**

tripartita DC. = **Ursinia quinquepartita**

versicolor DC. = **Ursinia anthemoides** subsp. **versicolor**

SPILANTHES Jacq. 9207000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 313–315.

acmella of author, not of (L.) Murray, concept invalid =
S. mauritiana

- africana* DC. = **S. mauritiana**
- ***decumbens** (Sm.) A.H.Moore
S. repens of authors, not of Micheli, concept invalid (1)
 Annual. Decumbent herb. Length up to 0.5 m. Alt 45–1065 m. KZN, EC
- mauritiana** (Pers.) DC.
S. acmella of author, not of (L.) Murray, concept invalid (1)
S. africana DC. (1)
 Annual. Herb, occ. creeper. Ht up to 0.4 m. Alt 5–2550 m. LIM, M, S, KZN, EC
- repens* of authors, not of Micheli, concept invalid = **S. decumbens**
- SPIRALEPIS** D.Don 9008010
declinata (L.f.) D.Don = **Gnaphalium declinatum**
- STAEHELINA** L. 9456000
centauroides L. = **Athanasia crenata**
corymbosa L.f. = **Vernonia tigna**
fasciculata Thunb. = **Lachnospermum fasciculatum**
gnaphaloides L. = **Syncarpha gnaphaloides**
imbricata P.J.Bergius = **Lachnospermum imbricatum**
- STEIRODISCUS** Less. 9421010
 Compiled by P.P.J. Herman
 (1) Harvey. 1865. *FC* 3: 159, 160.
 (2) Schlechter. 1900. *Botanische Jahrbücher* 27: 216, 217.
 (3) Phillips. 1950. *Journal of South African Botany* 16: 15–17.
 (4) Nordenstam. 1968. *Opera Botanica* 20: 30, 31, 33.
 (5) Nordenstam. 1969. *Botaniska Notiser* 122: 398–408.
 (6) Jeffrey. 1992. *Kew Bulletin* 47: 99.
 (7) Goldblatt & Manning. 2000. *Strelitzia* 9: 364.
- capillaceus** (Thunb.) Less.
Cineraria capillacea Thunb. (1)
Psilothonna capillacea (Thunb.) E.Phillips (4)
 Annual. Herb. Ht 0.05–0.2 m. Alt 45–1143 m. NC, WC
- gamolepis** Bolus ex Schltr.
Psilothonna gamolepis (Bolus ex Schltr.) E.Phillips (4)
 Annual. Herb. Ht 0.05–0.1 m. Alt 90–215 m. WC
- linearilobus** DC.
 Annual. Herb. Ht 0.01–0.15 m. Alt? WC
- schlechteri** Bolus ex Schltr.
Psilothonna schlechteri (Bolus ex Schltr.) E.Phillips (4)
 Annual. Herb. Ht 0.05–0.2 m. Alt 50–150 m. WC
- speciosus** (Pillans) B.Nord.
Gamolepis speciosa Pillans (5)
Psilothonna speciosa (Pillans) E.Phillips (5)
 Annual. Herb. Ht 0.08–0.2 m. Alt up to 120 m. WC
- tagetes** (L.) Schltr.
Gamolepis tagetes (L.) DC. (2, 5)
Othonna tagetes L. (3)
Psilothonna tagetes (L.) E.Mey. (4)
 Annual. Herb. Ht 0.08–0.3 m. Alt 15–115 m. WC
- STENOCLINE** DC. 9003000
tomentosula Klatt = **Helichrysum tomentosulum** subsp. **tomentosulum**
- STEPHANOCOMA** Less. 9438050
carduoides Less. = **Berkheya carduoides**

- STILPNOGYNE** DC. 9385000
 Compiled by P.P.J. Herman
 (1) Harvey. 1865. *FC* 3: 306.
 (2) Goldblatt & Manning. 2000. *Strelitzia* 9: 364.
- bellidioides** DC.
 Annual. Herb. Ht 0.05–0.2 m. Alt 200–1450 m. NC, WC
- STILPNOPHYTON** Less. 9369000
axillare (Thunb.) Less. = **Athanasia minuta** subsp. **minuta**
inopinatum Hutch. = **Athanasia inopinata**
linifolium (L.f.) Less. = **Athanasia linifolia**
linifolium (L.f.) Less. var. *longifolium* (Thunb.) Harv. = **Athanasia linifolia**
longifolium (Thunb.) Less. = **Athanasia linifolia**
oocephalum DC. = **Athanasia oocephala**
- STOBAEA** Thunb. 9438060
acanthopoda DC. = **Berkheya acanthopoda**
acarnoides DC. = **Berkheya discolor**
aristosa DC. = **Berkheya rhapontica** subsp. **aristosa** var. **aristosa**
attractylodes (L.) Thunb. var. *carlinoides* (Thunb.) DC. = **Berkheya onobromoides** var. **carlinoides**
biloba DC. = **Berkheya heterophylla** var. **heterophylla**
bipinnatifida Harv. = **Berkheya bipinnatifida** subsp. **bipinnatifida**
buphthalmoides DC. = **Berkheya buphthalmoides**
cardopatifolia DC. = **Berkheya cardopatifolia**
carlinaefolia DC. = **Berkheya carlinifolia** subsp. **carlinifolia**
cirsiifolia DC. = **Berkheya cirsiifolia**
cruciata (Houtt.) Harv. = **Berkheya cruciata** subsp. **cruciata**
discolor DC. = **Berkheya discolor**
echinacea Harv. = **Berkheya echinacea** subsp. **echinacea**
echinopoda DC. = **Berkheya decurrens**
epitrachys DC. = **Berkheya pinnatifida** subsp. **pinnatifida**
eriobasis DC. = **Berkheya eriobasis**
erysithales DC. = **Berkheya erysithales**
gerrardii Harv. = **Berkheya echinacea** subsp. **echinacea**
glabrata Thunb. = **Berkheya glabrata**
glabriuscula DC. = **Berkheya decurrens**
glomerata (Thunb.) Spreng. = **Platycarpha glomerata**
grandifolia DC. = **Berkheya multijuga**
helianthiflora DC. = **Berkheya decurrens**
heterophylla Thunb. = **Berkheya heterophylla** var. **heterophylla**
heterophylla Thunb. var. *radiata* DC. = **Berkheya heterophylla** var. **radiata**

insignis Harv. = **Berkheya insignis**
mackenii Harv. = **Berkheya mackenii**
membranifolia DC. = **Berkheya decurrens**
microcephala DC. = **Berkheya discolor**
multijuga DC. = **Berkheya multijuga**
onobromoides DC. = **Berkheya onobromoides** var. **onobromoides**
onopordifolia DC. = **Berkheya onopordifolia** var. **onopordifolia**
oppositifolia DC. = **Berkheya spinosissima** subsp. **namaensis** var. **namaensis**
petiolata DC. = **Berkheya decurrens**
pinnata Thunb. = **Heterorhachis aculeata**
pinnatifida of author, not of Thunb. = **Berkheya carlinifolia** subsp. **promontorii**
pinnatifida Thunb. = **Berkheya pinnatifida** subsp. **pinnatifida**
platyptera Harv. = **Berkheya rhapontica** subsp. **platyptera**
polyacantha DC. = **Berkheya decurrens**
purpurea DC. = **Berkheya purpurea**
radula Harv. = **Berkheya radula**
rhapontica DC. = **Berkheya rhapontica** subsp. **rhapontica**
rigida Thunb. = **Berkheya rigida**
scolymoides DC. = **Berkheya decurrens**
seminivea DC. = **Berkheya bipinnatifida** subsp. **bipinnatifida**
sonchifolia Harv. = **Berkheya erysithales**
speciosa DC. = **Berkheya speciosa** subsp. **speciosa**
sphaerocephala DC. = **Berkheya sphaerocephala**
viscosa DC. = **Berkheya viscosa**
zeyheri Sond. & Harv. = **Berkheya zeyheri** subsp. **zeyheri**

STOEBE L. 9037000

Compiled by M. Koekemoer

- (1) Harvey. 1865. *FC* 3: 285.
- (2) Levyns. 1937. *Journal of South African Botany* 3: 1–35.
- (3) Pillans. 1954. *Journal of South African Botany* 20: 47–90.
- (4) Koekemoer. 1999. *Bothalia* 29: 65–75.
- (5) Koekemoer. 2002. *Systematics of the Metalasia group in the Relhaniainae*. Unpublished Ph.D. thesis, Rand Afrikaans University.

aethiopica L.
S. phylloides Thunb. (2)
 Perennial. Shrub. Ht 0.2–1.6 m. Alt 100–1900 m. WC
affinis S.Moore = **S. capitata**
alopecuroides (Lam.) Less.
Amphiglossa alopecuroides Sch.Bip. (4)
Seriphium alopecuroides Lam. (2)
 Perennial. Shrub. Ht 0.3–1.8 m. Alt 100–1200 m. WC, EC
aspera Thunb. = **Helichrysum asperum** var. **asperum**
bruniades (Rchb.) Levyns = **S. capitata**
burchellii Levyns = **Seriphium plumosum**
capitata P.J.Bergius

Gymnachaena bruniades Rchb. (1)
S. affinis S.Moore (2)
S. bruniades (Rchb.) Levyns (2)
S. mossii S.Moore (2)
 Perennial. Shrub, dwarf shrub. Ht 0.2–0.7 m. Alt 0–900 m. WC
cernua Thunb. = **Dicerotheramnus rhinocerotis**
cinerea (L.) Thunb. = **Seriphium cinereum**
cinerea Thunb. var. *plumosa* (Less.) Harv. = **Seriphium plumosum**
copholepis Sch.Bip. = **S. phyllostachya**
cupressina Rchb. = **Dicerotheramnus rhinocerotis**
cyathuloides Schltr.
S. humilis Levyns (5)
S. sphaerocephala Schltr. (5)
 Perennial. Shrub. Ht 0.2–0.8 m. Alt 0–400 m. WC
disticha L.f. = **Trichogyne ambigua**
ensorii Compton = **S. phyllostachya**
fasciculata Thunb. = **Trichogyne ambigua**
flaginea (DC.) Sch.Bip. = **Seriphium spirale**
fusca (L.) Thunb.
Seriphium fuscum L. (2)
 Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt 200–1400 m. NC, WC
gomphrenoides (Lam.) P.J.Bergius
Metalasia pulcherrima Eckl. ex Harv. (3)
Seriphium gomphrenoides Lam. (2)
 Perennial. Shrub. Ht 0.3–0.6 m. Alt 100–200 m. WC
humilis Levyns = **S. cyathuloides**
incana Thunb. = **Seriphium incanum**
intricata Levyns = **Myrovernix intricata**
leiocarpa Sch.Bip. = **Seriphium incanum**
leucocephala DC.
S. squarrosa Harv. (2)
 Perennial. Shrub. Ht 0.2–1 m. Alt 200–800 m. WC
microphylla DC.
 Perennial. Shrub. Ht 0.2–0.35 m. Alt 1100–1400 m. WC, EC
montana Schltr. ex Levyns
 Perennial. Dwarf shrub. Ht 0.1–0.15 m. Alt 1700–2300 m. WC
mossii S.Moore = **S. capitata**
muirii Levyns
 Perennial. Shrub. Ht 0.3–0.8 m. Alt 0–100 m. WC
muricata Spreng. ex Sch.Bip. = **Myrovernix muricata**
nervigera (DC.) Sch.Bip.
Seriphium nervigerum DC. (2)
 Perennial. Shrub, dwarf shrub. Ht 0.1–0.3 m. Alt 0–900 m. NC, WC
nivea Thunb. = **Dolichothrix ericoides**
phlaeoides (DC.) Sch.Bip. = **S. phyllostachya**
phylloides Thunb. = **S. aethiopica**
phyllostachya (DC.) Sch.Bip.
Seriphium phyllostachyum DC. (2)
S. copholepis Sch.Bip. (2)
S. ensorii Compton (2)
S. phlaeoides (DC.) Sch.Bip. (2)
 Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt 100–1000 m. WC, EC

plumosa (L.) Thunb. = **Seriphium plumosum**

prostrata L.

Seriphium prostratum (L.) Lam. (2)

Perennial. Shrub, dwarf shrub. Ht 0.2–0.35 m. Alt 1000–1500 m. WC

reflexum L.f. = **Trichogyne repens**

rhinocerotis L.f. = **Dicrothamnus rhinocerotis**

rosea Wolley-Dod

Perennial. Shrub. Ht 0.3–0.5 m. Alt 0–500 m. WC

rugulosa Harv.

Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt 100–300 m. WC

salteri Levyns = **S. schultzi**

saxatilis Levyns = **Seriphium saxatilis**

scabra L.f. = **Myrovernix scaber**

schultzi Levyns

Petrotriche microphylla Sch.Bip. (2)

S. salteri Levyns (2)

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 0–200 m. WC

sphaerocephala Schltr. = **S. cyathuloides**

spiralis Less. = **Seriphium spirale**

spiralis Less. var. *flavescens* (DC.) Harv. = **Seriphium spirale**

squarrosa Harv. = **S. leucocephala**

vulgaris Levyns = **Seriphium plumosum**

STOMATANTHES R.M.King 8816010
& H.Rob.

Compiled by E. Retief

- (1) King & Robinson. 1987. *Monographs in systematic botany from the Missouri Botanical Garden* 22: 69–71.
- (2) Retief & Herman. 1997. *Strelitzia* 6: 341.

africanus (Oliv. & Hiern) R.M.King & H.Rob.

Eupatorium africanum Oliv. & Hiern (1)

Perennial. Herb. Ht 0.3–0.4 m. Alt 1130–2200 m. LIM, M, S

SUSANNA E.Phillips 8887010

dinteri E.Phillips = **Felicia namaquana**

epaleacea (O.Hoffm.) E.Phillips = **Amellus epaleaceus**

microglossa (DC.) E.Phillips = **Amellus microglossus**

SYNCARPHA DC. 9000010

Compiled by P.P.J. Herman

- (1) Candolle. 1838. *Prodromus* 6: 211–214.
- (2) Harvey. 1865. *FC* 3: 256–260.
- (3) Bolus. 1907. *Transactions of the South African Philosophical Society* 18: 392.
- (4) Bolus. 1910. *Transactions of the Royal Society of South Africa* 1: 156, 157.
- (5) Compton. 1931. *Transactions of the Royal Society of South Africa* 19: 316, 317.
- (6) Dyer. 1941. *The Flowering Plants of South Africa* 21: t. 817.
- (7) Levyns. 1941. *Journal of South African Botany* 7: 84, 85.
- (8) Nordenstam. 1966. *Botaniska Notiser* 119: 368–370.
- (9) Hilliard. 1983. *FSA* 33,7,2: 310.
- (10) Nordenstam. 1989. *Compositae Newsletter* 17: 2–6.
- (11) Goldblatt & Manning. 2000. *Strelitzia* 9: 365–368.
- (12) Nordenstam. 2003. *Compositae Newsletter* 39: 52–57.

affinis (B.Nord.) B.Nord.

Helichrysum citrinum Less. (9, 10)

Helipterum affine B.Nord. (10)

Helipterum citrinum (Less.) Harv. & Sond., illegitimate name (10)

Perennial. Dwarf shrub. Ht 0.5–0.9 m. Alt 730–1000 m. NC, WC

argentea (Thunb.) B.Nord.

Helichrysum argenteum (Thunb.) Thunb. (10)

Xeranthemum argenteum Thunb. (10)

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 0–250 m. EC

argyropsis (DC.) B.Nord.

Helipterum argyropsis DC. (10)

Perennial. Suffrutex. Ht 0.3–1.5 m. Alt 5–200 m. WC

aurea B.Nord.

Perennial. Subshrub. Ht up to 0.5 m. Alt up to 17 m. WC

canescens (L.) B.Nord. subsp. **canescens**

Helipterum canescens (L.) DC. var. *canescens* (10)

Xeranthemum canescens L. (2, 10)

Perennial. Suffrutex. Ht 0.2–1.5 m. Alt 10–1980 m. NC, WC, EC

canescens (L.) B.Nord. subsp. **leucolepis** (DC.) B.Nord.

Helipterum canescens (L.) DC. var. *leucolepis* DC. (10)

Perennial. Suffrutex. Ht? Alt? WC?

canescens (L.) B.Nord. subsp. **tricolor** (DC.) B.Nord.

Helipterum canescens (L.) DC. var. *tricolor* DC. (10)

Perennial. Suffrutex. Ht up to 0.6 m. Alt 240–1600 m. WC

chlorochrysum (DC.) B.Nord.

Helichrysum chlorochrysum DC. (12)

Perennial. Dwarf shrub. Ht 0.3–1.5 m. Alt 7–280 m. WC

dregeana (DC.) B.Nord.

Helipterum dregeanum DC. (10)

Perennial. Suffrutex. Ht 0.2–0.9 m. Alt 700–1220 m. NC, WC

dykei (Bolus) B.Nord.

Helichrysum dykei Bolus (10)

Perennial. Dwarf shrub. Ht ± 0.2 m. Alt 1500–2020 m. WC

eximia (L.) B.Nord.

Gnaphalium eximium L. (2, 10)

Helipterum eximium (L.) DC. (2, 10)

Perennial. Shrub. Ht 0.6–2 m. Alt 150–1600 m. WC, EC

ferruginea (Lam.) B.Nord.

Helipterum ferrugineum (Lam.) DC. (10)

Xeranthemum ferrugineum Lam. (2, 10)

Perennial. Suffrutex. Ht 0.15–1.6 m. Alt 900–1625 m. WC

flava (Compton) B.Nord.

Helipterum flavum Compton (10)

Perennial. Dwarf shrub. Ht ± 0.3 m. Alt 900–1830 m. WC

gnaphaloides (L.) DC.

Helipterum gnaphaloides (L.) DC. (10)

Staelhelia gnaphaloides L. (2, 10)

Perennial. Suffrutex. Ht 0.15–0.9 m. Alt 30–1100 m. WC

lepidopodium (Bolus) B.Nord.

Helichrysum lepidopodium Bolus (10)

Perennial. Shrub or suffrutex. Ht 0.3–1.5 m. Alt 1050–1550 m. WC

loganiana (Compton) B.Nord.

Helipterum loganianum Compton (10)

- Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 1300–1500 m. WC
- marlothii** (Schltr.) B.Nord.
Helipterum marlothii Schltr. (10)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 1200–1830 m. WC
- milleflora** (L.f.) B.Nord.
Gnaphalium milleflorum L.f. (10)
Gnaphalium phlomoides Lam. (10)
Helipterum milleflorum (L.f.) Druce (10)
Helipterum phlomoides (Lam.) DC. (10)
Perennial. Shrub. Ht 0.9–2 m. Alt 160–1630 m. WC, EC
- montana** (B.Nord.) B.Nord.
Helipterum montanum B.Nord. (10)
Perennial. Dwarf shrub or suffrutex. Ht 0.1–0.3 m. Alt 1900–2200 m. WC
- mucronata** (P.J.Bergius) B.Nord.
Gnaphalium mucronatum P.J.Bergius (12)
Helichrysium mucronatum (P.J.Bergius) Less. (12)
Perennial. Dwarf shrub. Ht 0.25–1 m. Alt 15–800 m. WC
- paniculata** (L.) B.Nord.
Helichrysium paniculatum (L.) Willd. (10)
Xeranthemum paniculatum L. (10)
Perennial. Shrub or suffrutex. Ht 0.2–1.2 m. Alt 10–1800 m. WC, EC
- recurvata** (L.f.) B.Nord.
Helichrysium recurvatum (L.f.) Thunb. (10)
Xeranthemum recurvatum L.f. (10)
Perennial. Shrub. Ht 0.15–0.45 m. Alt 0–150 m. EC
- sordescens** (DC.) B.Nord.
Helichrysium sordescens DC. (10)
Perennial. Dwarf shrub or suffrutex. Ht 0.15–0.6 m. Alt 0–20 m. EC
- speciosissima** (L.) B.Nord. subsp. **angustifolia** (DC.) B.Nord.
Helipterum speciosissimum (L.) DC. var. *angustifolium* DC. (10)
Perennial. Shrub. Ht 0.1–0.5 m. Alt 360–1200 m. WC
- speciosissima** (L.) B.Nord. subsp. **speciosissima**
Helipterum speciosissimum (L.) DC. var. *speciosissimum* (10)
Xeranthemum speciosissimum L. (2, 10)
Perennial. Shrub. Ht 0.15–0.75 m. Alt 30–1800 m. WC
- stachelina** (L.) B.Nord.
Helichrysium virgatum (P.J.Bergius) Willd. (3, 9)
Helipterum virgatum (P.J.Bergius) DC. in sense of most authors, not
Xeranthemum virgatum P.J.Bergius (1767) (12)
Pteronia pauciflora Sims (12)
Xeranthemum stachelina L. (12)
Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 305–1500 m. WC
- striata** (Thunb.) B.Nord.
Helichrysium striatum (Thunb.) Thunb. (10)
Xeranthemum striatum Thunb. (10)
Perennial. Shrub. Ht 0.3–0.9 m. Alt 0–550 m. EC
- variegata** (P.J.Bergius) B.Nord.
Helichrysium variegatum Thunb. (2, 9)
Helipterum variegatum (P.J.Bergius) DC. (10)
Xeranthemum variegatum P.J.Bergius (10)
Perennial. Suffrutex. Ht 0.3–0.6 m. Alt 150–1500 m. WC
- vestita** (L.) B.Nord.
Helichrysium vestitum (L.) Willd. (10)
Xeranthemum vestitum L. (10)
Perennial. Shrub or suffrutex. Ht 0.3–1.5 m. Alt 30–1550 m. WC

- virgata** (P.J.Bergius) B.Nord.
Xeranthemum virgatum P.J.Bergius (10)
Perennial. Suffrutex. Ht up to 0.2 m. Alt? WC
- zeyheri** (Sond.) B.Nord.
Helipterum brachypterum Levyns (10)
Helipterum zeyheri Sond. (10)
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 300–1220 m. WC
- *TAGETES L.** 9311000
Compiled by N. Netnou
(1) Bailey & Bailey. 1977. *Hortus third*: 1095.
(2) Hilliard. 1977. *Compositae in Natal*: 328, 329.
- erecta** L.
Annual. Herb. Ht up to 1 m. Alt? G, M
- minuta** L.
Annual. Herb. Ht up to 3 m. Alt 14–2125 m. N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC
- rotundifolia* Mill. = **Tithonia rotundifolia**
- *TANACETUM L.** 9341070
Compiled by P.P.J. Herman
(1) Heywood. 1976. *Flora europaea* 4: 169–171, 472.
(2) Bailey. 1977. *Hortus third*: 267.
(3) Bremer & Humphries. 1993. *Bulletin of the Natural History Museum, Botany* 23: 100–104.
(4) Soreng & Cope. 1996. *Baileya* 23: 145–165.
- acutilobum* DC. = **Myxopappus acutilobus**
albidum DC. = **Foveolina dichotoma**
argyreum DC. = **Schistostephium flabelliforme**
axillare Thunb. = **Athanasia minuta** subsp. **minuta**
cinerariifolium (Trevir.) Sch.Bip.
Chrysanthemum cinerariifolium (Trevir.) Vis. (1)
Pyrethrum cinerariifolium Trevir. (1, 3)
Perennial. Herb. Ht 0.15–0.45 m. Alt? G (cult.), WC (cult.)
- consanguineum* DC. = **Schistostephium crataegifolium**
crataegifolium DC. = **Schistostephium crataegifolium**
frutescens L. = **Hippia frutescens**
grandiflorum Thunb. = **Oncosiphon grandiflorum**
griseum Harv. = **Schistostephium griseum**
heptalobum DC. = **Schistostephium heptalobum**
hippiifolium DC. = **Schistostephium hippiiifolium**
hispidum DC. = **Cotula hispida**
linearilobum DC. = **Cotula lineariloba**
linifolium (L.f.) Thunb. = **Athanasia linifolia**
longifolium Thunb. = **Athanasia linifolia**
obtusum Thunb. = **Oncosiphon piluliferum**
pilosum P.J.Bergius = **Hippia pilosa**
rotundifolium DC. = **Schistostephium rotundifolium**
suffruticosum L. = **Oncosiphon suffruticosum**
tortuosum DC. = **Pentzia tortuosa**
vestitum Thunb. = **Athanasia vestita**
- *TARAXACUM F.H. Wigg.** 9592000
Compiled by P.P.J. Herman
(1) Hilliard. 1977. *Compositae in Natal*: 608–619.
(2) Pope. 1992. *FZ* 6,1: 212–214.

bessarabicum (Hornem.) Hand.-Mazz.*Leontodon bessarabicus* Hornem. (1)*T. fulvipilis* Harv. (1)*T. magellanicum* of author, not of Sch.Bip.; Burt Davy, concept invalid (1)

Perennial. Herb. Ht up to 0.13 m. Alt 1000–1500 m. NW, NC, EC

brachyglossum (Dahlst.) Dahlst.*T. erythrospermum* Andr. ex Besser subsp. *brachyglossum* Dahlst. (1)

Perennial. Herb. Ht up to 0.15 m. Alt 750–3000 m. FS, KZN, L, EC

breviscapum A.J.Richards

Perennial. Herb. Ht up to 0.3 m. Alt 10–2200 m. NW, G, M, KZN, L, EC

brunneum Soest

Perennial. Herb. Ht up to 0.12 m. Alt ± 50 m. KZN

cophocentrum Dahlst.

Perennial. Herb. Ht up to 0.2 m. Alt? EC

dilatatum H.Lindb.

Perennial. Herb. Ht up to 0.3 m. Alt ± 1500 m. KZN

disseminatum G.E.Haglund

Perennial. Herb. Ht up to 0.2 m. Alt? KZN, EC

duplidens H.Lindb.

Perennial. Herb. Ht up to 0.2 m. Alt ± 2500 m. EC

eckmanii Dahlst.

Perennial. Herb. Ht up to 0.3 m. Alt? G, KZN, L, EC

erythrospermum Andr. ex Besser subsp. *brachyglossum* Dahlst. = **T. brachyglossum***fulvipilis* Harv. = **T. bessarabicum****hamatiforme** Dahlst.

Perennial. Herb. Ht up to 0.2 m. Alt 1150–2900 m. M, KZN, L

magellanicum of author, not of Sch.Bip.; Burt Davy, concept invalid = **T. bessarabicum****marklundii** Palmgr.

Perennial. Herb. Ht up to 0.15 m. Alt? KZN

officinale Weber, aggregate species

Perennial. Herb. Ht 0.01–0.4 m. Alt 400–2500 m. N, NW, G, M, S, FS, KZN, L, WC, EC

parvilobum Dahlst.

Perennial. Herb. Ht 0.04–0.06 m. Alt? KZN

privum Dahlst.

Perennial. Herb. Ht up to 0.35 m. Alt 1000–2400 m. FS

serotinum (Waldst. & Kit.) Poir.*Leontodon serotinus* Waldst. & Kit. (1)

Perennial. Herb. Ht up to 0.25 m. Alt? EC

TARCHONANTHUS L. 8937000

Compiled by P.P.J. Herman

- (1) Lessing. 1832. *Synopsis generum Compositarum*: 208.
- (2) Paiva. 1972. *Boletim da Sociedade Broteriana* 46: 355–368.
- (3) Pope. 1992. *FZ* 6.1: 9–11
- (4) Beentje. 1999. *Kew Bulletin* 54: 81–95.
- (5) Herman & Condy. 2001. *Flowering Plants of Africa* 57: 108–112, t. 2180.
- (6) Herman. 2002. *Bothalia* 32: 21–28.

abyssinicus Sch.Bip. ex Schweinf. & Asch. = **T. camphoratus***angustissimus* DC. = **T. minor***camphoratus* in sense of Hiern = **Brachylaena huillensis camphoratus L.***T. abyssinicus* Sch.Bip. ex Schweinf. & Asch., naked name (2, 3, 4)*T. camphoratus* L. var. *litakunensis* (DC.) Harv. (2, 4, 6)*T. litakunensis* DC. (2, 3, 4, 6)*T. procerus* Salisb. (4)

Perennial. Tree or shrub. Ht 1–8 m. Alt 750–2135 m. N, B, LIM, NW, G, M, FS, NC

camphoratus L. var. *litakunensis* (DC.) Harv. = **T. camphoratus***dentatus* Eckl. & Zeyh. ex DC. = **Brachylaena neriifolia***dentatus* Thunb. = **Brachylaena glabra***ellipticus* Thunb. = **Brachylaena elliptica***ericoides* L.f. = **Eriocephalus ericoides** subsp. **ericoides***galpinii* Hutch. & E.Phillips = **T. trilobus** var. **galpinii***glaber* L.f. = **Brachylaena glabra***lanceolatus* Thunb. = **Brachylaena neriifolia***litakunensis* DC. = **T. camphoratus****littoralis** P.P.J.Herman

Perennial. Tree or shrub. Ht 1–8 m. Alt 3–700 m. KZN, WC, EC

minor Less.*T. angustissimus* DC. (6)

Perennial. Shrub or small tree. Ht up to 5 m. Alt 450–1800 m. FS, L, NC, WC, EC

obovatus DC.

Perennial. Tree or shrub. Ht up to 2 m. Alt 1050–1380 m. NC

parvicapitulatus P.P.J.Herman

Perennial. Shrub or tree. Ht up to 8 m. Alt 30–1850 m. N, LIM, NW, G, M, S, KZN, EC

procerus Salisb. = **T. camphoratus***racemosus* Thunb. = **Brachylaena ilicifolia****trilobus** DC. var. **galpinii** (Hutch. & E.Phillips) Paiva*T. galpinii* Hutch. & E.Phillips (2, 3, 4)

Perennial. Tree, shrub. Ht 0.15–12 m. Alt 200–1850 m. LIM, M, S, KZN

trilobus DC. var. **trilobus**

Perennial. Tree or shrub. Ht 2.74–10 m. Alt 460–1830 m. KZN, EC

TENRHYNIA Hilliard & B.L.Burt 8994000

Compiled by P.P.J. Herman

(1) Hilliard. 1983. *FSA* 33,7,2: 57, 58.**phylicifolia** (DC.) Hilliard & B.L.Burt*Cassinia phylicifolia* (DC.) J.M.Wood (1)*Rhynia phylicifolia* DC. (1)

Perennial. Shrub or herb. Ht 0.3–1 m. Alt 120–1220 m. N, M, S, KZN, EC

TETRATRICHIA Dinter 9061050*avasmontana* Dinter ex Merxm. = **Pentatrachia avasmontana****THAMINOPHYLLUM Harv.** 9338000

Compiled by P.P.J. Herman

(1) Bond. 1980. *Journal of South African Botany* 46: 157–166.**latifolium** Bond

- Perennial. Suffrutex. Ht 0.5–0.75 m. Alt 60–305 m.
WC
- multiflorum** Harv.
Perennial. Suffrutex. Ht up to 0.6 m. Alt 457–915 m.
WC
- mundii** Harv.
Perennial. Suffrutex. Ht up to 0.45 m. Alt 91–830 m.
WC
- THELECHITONIA** Cuatrec. 9192010
trilobata (L.) H.Rob. & Cuatrec. = **Sphagneticola trilobata**
- THODAYA** Compton 9417040
elongata Compton = **Euryops subcarnosus** subsp. **subcarnosus**
microphylla Compton = **Euryops microphyllus**
- *TITHONIA** Desf. ex Juss. 9196000
Compiled by N. Netnou
(1) Hilliard. 1977. *Compositae in Natal*: 308, 309.
- diversifolia** (Hemsl.) A.Gray
Mirasolia diversifolia Hemsl. (1)
Annual. Herb. Ht 1–3.5 m. Alt 5–1200 m. LIM, S, KZN
- rotundifolia** (Mill.) S.F.Blake
Tagetes rotundifolia Mill. (1)
Annual. Herb. Ht up to 2 m. Alt 810–915 m. B, LIM, G, M, S, KZN
- TOLPIS** Adans. 9561000
Compiled by P.P.J. Herman
(1) Hilliard. 1977. *Compositae in Natal*: 598, 599.
(2) Pope. 1992. *FZ* 6,1: 190–192.
- capensis** (L.) Sch.Bip.
Hieracium capense L. (1)
Perennial. Herb. Ht 0.2–0.6 m. Alt 300–3000 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- *TRAGOPOGON** L. 9579000
Compiled by P.P.J. Herman
(1) Hilliard. 1977. *Compositae in Natal*: 606–608.
capensis Jacq. = **Urospermum picroides**
- dubius** Scop.
T. majus Jacq. (1)
Biennial. Herb. Ht up to 1 m. Alt 650–1950 m. LIM, G, M, FS, KZN, L, EC
- hybridus** L.
Geropogon glaber L. (1)
Biennial or perennial. Herb. Ht up to 0.5 m. Alt ± 5 m.
KZN
- majus* Jacq. = **T. dubius**
picroides L. = **Urospermum picroides**
- porrifolius** L.
Biennial. Herb. Ht up to 1 m. Alt 500–2300 m. G, M, FS, KZN, L, NC, WC, EC
- TRICHOGYNE** Less. 8967010
Compiled by P.P.J. Herman
(1) Hilliard. 1981. *Botanical Journal of the Linnean Society* 82: 304–312.
(2) Anderberg. 1991. *Opera Botanica* 104: 155.
(3) Beyers. 1995. *Bothalia* 25: 107–109.
- ambigua** (L.) Druce
Ifloga ambigua (L.) Druce (2)
Ifloga disticha (L.f.) Druce (1)
Ifloga laricifolia (Lam.) Schltr. (1)
Ifloga seriphioides Schltr., illegitimate name (1)
Metalasia seriphioides D.Don (1)
Stoebe disticha L.f. (1)
Stoebe fasciculata Thunb. (1)
T. laricifolia (Lam.) Less. (1)
T. seriphioides Less., illegitimate name (1)
Perennial. Shrub. Ht up to 1 m. Alt 0–1500 m. NC, WC
- candida** (Hilliard) Anderb.
Ifloga candida Hilliard (2)
Annual. Herb. Ht 0.02–0.09 m. Alt 250–1000 m. NC, WC
- decumbens** (Thunb.) Less.
Gnaphalium decumbens Thunb. (1)
Ifloga decumbens (Thunb.) Schltr. (2)
Ifloga woodii (N.E.Br.) B.L.Burtt (2)
Petalactella woodii N.E.Br. (2)
Perennial. Dwarf shrub. Ht/Length up to 0.2 m. Alt? M, FS, L, NC, WC, EC
- glomerata* Harv. = **Ifloga glomerata**
laricifolia (Lam.) Less. = **T. ambigua**
- lerouxiae** Beyers
Annual. Herb. Ht 0.04–0.15 m. Alt 150–250 m. NC
- paronychioides** DC.
Ifloga paronychioides (DC.) Fenzl (2)
Annual. Herb. Length 0.005–0.04 m. Alt 600–900 m. N, NC
- pilulifera** (Schltr.) Anderb.
Ifloga pilulifera Schltr. (2)
Perennial. Shrub. Ht up to 1 m. Alt? NC, WC
- polycnemoides** (Fenzl) Anderb.
Ifloga polycnemoides Fenzl (2)
Annual. Herb. Ht 0.04–0.15 m. Alt 600–900 m. NC, WC
- radicans* DC. = **T. repens**
reflexa (L.f.) Less. = **T. repens**
- repens** (L.) Anderb.
Gnaphalium repens L. (2)
Ifloga reflexa (L.f.) Schltr. (1)
Ifloga repens (L.) Hilliard & B.L.Burtt (2)
Stoebe reflexum L.f. (1)
T. radicans DC. (1)
T. reflexa (L.f.) Less. (1)
Perennial. Dwarf shrub. Length up to 0.5 m. Alt 10–500 m. WC
- seriphioides* Less., illegitimate name = **T. ambigua**
- verticillata** (L.f.) Less.
Ifloga verticillata (L.f.) Fenzl (2)
Annual. Herb. Ht 0.04–0.3 m. Alt 20–250 m. WC
- *TRIDAX** L. 9245000
Compiled by N. Netnou
(1) Hilliard. 1977. *Compositae in Natal*: 321.
- procumbens** L.
Annual, occ. perennial. Herb. Ht up to 0.35 m. Alt 5–640 m. LIM, M, KZN
- TRIGONOTHECA** Sch.Bip. 9204030
natalensis Sch.Bip. = **Melanthera scandens** subsp. **dregei**

TRIPLOCEPHALUM O.Hoffm. 8956000

glabrifolium Klatt = **Geigeria pectidea**

TRIPTERACHAENIUM Kuntze 9428010

humile Kuntze = **Tripteris aghillana** var. **aghillana**

scariosum (DC.) Kuntze = **Tripteris aghillana** var. **aghillana**

TRIPTERIS Less. 9428000

Compiled by P.P.J. Herman

- (1) Lessing. 1831. *Linnaea* 6: 97.
- (2) Lessing. 1832. *Synopsis generum Compositarum*: 90.
- (3) Candolle. 1838. *Prodromus* 6: 456–459.
- (4) Turczaninow. 1851. *Bulletin de la Société Impériale des Naturalistes de Moscou* xxiv, ii: 211.
- (5) Harvey. 1865. *FC* 3: 424–432.
- (6) Hoffmann. 1889. *Botanische Jahrbücher* 10: 280.
- (7) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 394, 395.
- (8) Hutchinson. 1917. *Annals of the South African Museum* 9: 416–418.
- (9) Moore. 1919. *Journal of Botany, London* 57: 90.
- (10) Norlindh. 1939. *Botaniska Notiser*: 795.
- (11) Norlindh. 1943. *Studies in the Calenduleae*: 263–346.
- (12) Norlindh. 1954. *Svensk Botanisk Tidskrift* 48: 148–152.
- (13) Norlindh. 1960. *Botaniska Notiser* 113: 393–399.
- (14) Nordenstam. 1994. *Compositae Newsletter* 25: 46–49.
- (15) Herman *et al.* 1997. *List of southern African succulent plants*: 40.

aghillana DC. var. **aghillana**

Osteospermum picridioides DC. (11)

Osteospermum scariosum DC. var. *scariosum* (14)

Tripterachaenium humile Kuntze (11)

Tripterachaenium scariosum (DC.) Kuntze (11)

T. flexuosa Harv. (11)

T. glandulosa Turcz. var. *dentata* Harv. (11)

T. humilis Turcz. (11)

T. natalensis Harv. (11)

Perennial. Herb, succulent. Ht 0.1–0.4 m. Alt 100–1900 m. N, B, LIM, NW, G, M, FS, L, NC, WC, EC

aghillana DC. var. **integrifolia** Harv.

Osteospermum scariosum DC. var. *integrifolium* (Harv.) Norl. (14)

T. glandulosa Turcz. in part (11)

T. kraussii Sch.Bip. (11)

T. setifera DC. (11)

Perennial. Herb, succulent. Ht 0.1–0.4 m. Alt 270–1500 m. NC, WC, EC

amplectens Harv.

Osteospermum amplectens (Harv.) Norl. (14)

T. amplexicaulis DC. in part (5, 11)

T. confusa Bolus (11)

T. gracilis Hutch. (11)

Annual. Herb. Ht 0.3–1.2 m. Alt 90–900 m. NC, WC

amplexicaulis DC. in part = **T. amplectens**

amplexicaulis (Thunb.) Less.

Calendula amplexicaulis Thunb. (5, 11)

Osteospermum connatum DC. (5, 14)

Perennial. Herb. Ht up to 0.5 m. Alt 500–1200 m. WC

amplexicaulis (Thunb.) Less. var. *microtis* DC. = **T. microcarpa** subsp. **microcarpa**

angolensis (Norl.) B.Nord.

Osteospermum angolense Norl. (14)

Perennial. Herb. Ht up to 1 m. Alt 500–1500 m. N

arborescens Harv., not of Less. = **Osteospermum grandiflorum**

arborescens (Jacq.) Less. = **T. dentata**

atropurpurea Turcz. = **T. clandestina**

auriculata S.Moore

Osteospermum auriculatum (S.Moore) Norl. (14)

Perennial. Shrub. Ht 1–3 m. Alt 1000–1500 m. LIM, M

bolusii Compton = **Osteospermum bolusii**

breviradiata (Norl.) B.Nord.

Osteospermum breviradiatum Norl. (14)

Annual. Herb. Ht 0.2–0.5 m. Alt 100–200 m. N, NC, WC

clandestina Less.

Osteospermum clandestinum (Less.) Norl. (14)

T. atropurpurea Turcz. (11)

T. herbacea E.Mey. ex DC. (11)

T. hyoseroides DC. var. *echinocarpa* DC. (11)

T. scariosa DC. (11)

Annual. Herb, succulent. Ht 0.2–0.5 m. Alt 15–900 m. N, NC, WC

concordiae Schltr. = **Osteospermum spinescens**

confusa Bolus = **T. amplectens**

crassifolia O.Hoffm.

Osteospermum crassifolium (O.Hoffm.) Norl. (14)

T. fruticosa Muschl. ex Engl., naked name (11)

Perennial. Shrub or suffrutex, succulent. Ht up to 1 m. Alt 5–900 m. N, NC, WC

dentata (Burm.f.) Harv.

Calendula arborescens Jacq. (11)

Osteospermum dentatum Burm.f. (14)

T. arborescens (Jacq.) Less. (11)

T. rigida Harv. (11)

Perennial. Herb. Ht 0.3–0.6 m. Alt 30–300 m. WC

flexuosa Harv. = **T. aghillana** var. **aghillana**

fruticosa Muschl. ex Engl., naked name = **T. crassifolia**

glabra C.A.Sm. = **Osteospermum glabrum**

glabrata (Thunb.) Harv. = **T. oppositifolia**

glandulosa Muschl. = **T. microcarpa** subsp. **microcarpa**

glandulosa Turcz. in part = **T. aghillana** var. **integrifolia**

glandulosa Turcz. var. *dentata* Harv. = **T. aghillana** var. **aghillana**

gracilis Hutch. = **T. amplectens**

herbacea E.Mey. ex DC. = **T. clandestina**

humilis Turcz. = **T. aghillana** var. **aghillana**

hyoseroides DC.

Osteospermum hyoseroides (DC.) Norl. (14)

Annual. Herb. Ht 0.2–0.7 m. Alt 50–900 m. NC, WC

hyoseroides DC. var. *echinocarpa* DC. = **T. clandestina**

incana Harv. = **T. oppositifolia**

integrifolia Dinter = **Osteospermum karrooicum**

karrooica Bolus = **Osteospermum karrooicum**

kraussii Sch.Bip. = **T. aghillana** var. **integrifolia**

leptoloba Harv. = **Osteospermum leptolobum**

limonifolia DC. = **T. polycephala**

linearis Harv. = **T. sinuata** var. **linearis**

macroptera DC. = **T. oppositifolia**

microcarpa Harv. subsp. **microcarpa**

Osteospermum microcarpum (Harv.) Norl. subsp. *microcarpum* (14)

Osteospermum odoratum Klatt (11)

T. amplexicaulis (Thunb.) Less. var. *microtis* DC. (12)

T. glandulosa Muschl. (11)

T. microtis (DC.) Hutch. (11)

T. namaquensis Schltr. (11)

Annual. Herb. Ht 0.5–1 m. Alt 0–1300 m. N, NC, WC

microcarpa Harv. subsp. **septentrionalis** (Norl.) B.Nord.
Osteospermum microcarpum (Harv.) Norl. subsp. *septentrionale* (Norl.) Norl. (14)
Osteospermum microcarpum (Harv.) Norl. var. *septentrionale* Norl. (14)
 Annual. Herb. Ht 0.5–1 m. Alt 0–1500 m. N

microtis (DC.) Hutch. = **T. microcarpa** subsp. **microcarpa**

muschlerianus Dinter = **Osteospermum spinescens**

namaquensis Schltr. = **T. microcarpa** subsp. **microcarpa**

natalensis Harv. = **T. aghillana** var. **aghillana**

nervosa Hutch.
Osteospermum nervosum (Hutch.) Norl. (14)
 Annual. Herb. Ht up to 1.2 m. Alt 600–1300 m. N

oppositifolia (Aiton) B.Nord.
Calendula glabrata Thunb. (5, 11, 13, 14)
Calendula oppositifolia Aiton (11, 13, 14)
Osteospermum glabratum (Thunb.) Less. (5, 13, 14)
Osteospermum oppositifolium (Aiton) Norl. (14)
T. glabrata (Thunb.) Harv. (11)
T. incana Harv. (11)
T. macroptera DC. (5, 11)
T. pallescens DC. (11)
T. thomii Harv. (11)
 Perennial. Shrub. Ht 0.5–1 m. Alt 75–1100 m. N, NC, WC

pachypteris (DC.) Harv. = **Osteospermum spinescens**

pallescens DC. = **T. oppositifolia**

petiolata DC. = **Osteospermum grandiflorum**

pinnatilobata (Norl.) B.Nord.
Osteospermum pinnatilobatum Norl. (14)
 Perennial. Suffrutex. Ht 0.2–0.3 m. Alt 500–1000 m. NC

polycephala DC.
Osteospermum polycephalum (DC.) Norl. (14)
T. limonifolia DC. (11)
 Annual. Herb. Ht up to 0.5 m. Alt 100–500 m. N, NC

rigida Harv. = **T. dentata**

rogersii S.Moore = **Osteospermum rigidum** var. **rigidum**

rosulata (Norl.) B.Nord.
Osteospermum rosulatum Norl. (14)
 Perennial. Herb. Ht 0.2–0.5 m. Alt 1000–1500 m. EC

scariosa DC. = **T. clandestina**

setifera DC. = **T. aghillana** var. **integrifolia**

sinuata DC. var. **linearis** (Harv.) B.Nord.
Osteospermum sinuatum (DC.) Norl. var. *lineare* (Harv.) Norl. (14)
T. linearis Harv. (11, 14)
 Perennial. Shrub. Ht 0.3–0.9 m. Alt 500–1500 m. NC, WC, EC

sinuata DC. var. **sinuata**
Osteospermum sinuatum (DC.) Norl. var. *sinuatum* (14)
 Perennial. Shrub. Ht 0.3–0.9 m. Alt 80–1600 m. N, NC, WC, EC

spathulata DC.
Osteospermum spathulatum (DC.) Norl. (14)
 Perennial. Herb. Length 0.2–0.5 m. Alt 150–550 m. EC

spinescens (Thunb.) Harv. = **Osteospermum spinescens**

spinigera Norl.

Osteospermum spinigerum Norl. (14)
 Perennial. Shrub. Ht 0.1–0.15 m. Alt 2000–3000 m. EC

thomii Harv. = **T. oppositifolia**

tomentosa (L.f.) Less.

Calendula tomentosa L.f. (5, 11)
Osteospermum cuspidatum DC. (11)
Osteospermum tomentosum (L.f.) Norl. (14)
 Perennial. Herb. Ht 0.1–0.2 m. Alt 100–900 m. WC

TROGLOPHYTON Hilliard & B.L.Burt 8992020

Compiled by P.P.J. Herman

(1) Hilliard. 1983. *FSA* 33,7,2: 39–46.

acocksianum Hilliard

Perennial. Herb, prostrate. Length up to 0.5 m. Alt 1000–2000 m. NC

capillaceum (Thunb.) Hilliard & B.L.Burt subsp. **capillaceum**

Gnaphalium capillaceum Thunb. (1)
Helichrysum capillaceum (Thunb.) Less. (1)
Helichrysum capillaceum (Thunb.) Less. var. *majus* DC. (1)
Helichrysum oreophilum Dinter (1)
 Annual. Herb. Ht 0.05–0.3 m. Alt 45–1800 m. N, FS, NC, WC, EC

capillaceum (Thunb.) Hilliard & B.L.Burt subsp. **diffusum** (DC.) Hilliard

Helichrysum capillaceum (Thunb.) Less. var. *diffusum* DC. (1)
 Annual. Herb. Ht 0.05–0.3 m. Alt 900–2100 m. FS, KZN, L, EC

elsiae Hilliard

Annual. Herb, creeping. Length up to 0.12 m. Alt 1500–2000 m. WC

leptomerum Hilliard

Annual. Herb, weakly erect or prostrate. Length up to 0.12 m. Alt 500–1500 m. NC, WC

parvulum (Harv.) Hilliard & B.L.Burt

Gnaphalium parvulum Harv. (1)
Helichrysum capillaceum (Thunb.) Less. var. *erectum* DC. (1)
 Annual. Herb. Ht 0.01–0.15 m. Alt 460–1220 m. N, NC, WC

tenellum Hilliard

Annual. Herb. Ht 0.03–0.1 m. Alt up to 1000 m. NC, WC

***UROSPERMUM** Scop. 9573000

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 603, 604.

capense (Jacq.) Spreng. = **U. picroides**

picroides (L.) Scop. ex F.W.Schmidt

Tragopogon capensis Jacq. (1)
Tragopogon picroides L. (1)
U. capense (Jacq.) Spreng. (1)
 Annual or biennial. Herb. Ht up to 1.2 m. Alt 0–300 m. KZN, WC, EC

URSINIA Gaertn. 9431000

Compiled by P.P.J. Herman

- (1) Kunze. 1847. *Linnaea* 20: 21.
- (2) Brown. 1887. *The Gardeners' Chronicle* 1,3: 670.
- (3) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 393, 394.
- (4) Henderson. 1956. *The Flowering Plants of Africa* 31: t. 1232.
- (5) Prassler. 1967. *Mitteilungen der Botanischen Staatssammlung München* 6: 363–478.

(6) Hall. 1969. *The Flowering Plants of Africa* 40: t. 1575.

(7) Claassen. 1970. *The Flowering Plants of Africa* 40: t. 1587.

(8) Jeffrey. 1970. *Curtis's Botanical Magazine* 177: t. 564.

(9) Hilliard. 1977. *Compositae in Natal*: 530–535.

(10) Wijnands. 1985. *Taxon* 34: 310, 311.

abrotanifolia (R.Br.) Spreng.

Sphenogyne abrotanifolia R.Br. (5)

Perennial. Suffrutex. Ht 0.2–0.4 m. Alt 460–1300 m.
WC

abyssinica Sch.Bip. ex Walp. = **U. nana** subsp. **nana**

affinis Harv. = **U. nana** subsp. **nana**

alpina N.E.Br.

Perennial. Herb. Ht 0.08–0.38 m. Alt 1525–2745 m.
M, FS, KZN, EC

anethifolia (Less.) N.E.Br. = **U. paleacea**

anethoides (DC.) N.E.Br.

Sphenogyne anethoides DC. (5)

Perennial. Shrub. Ht 0.2–0.5 m. Alt 5–900 m. WC, EC

annua Less. ex Harv. = **U. nana** subsp. **nana**

anthemoides (L.) Poir. subsp. **anthemoides**

Arctotis anthemoides L. (5)

Arctotis foeniculacea Jacq. (5)

Sphenogyne adonidifolia DC. (5)

Sphenogyne anthemoides (L.) R.Br. (5)

Sphenogyne foeniculacea (Jacq.) Less. (5)

Sphenogyne microcephala DC. (5)

Sphenogyne pusilla DC. (5)

Sphenogyne speciosa Knowles & Westc. (5)

U. foeniculacea (Jacq.) N.E.Br. (5)

U. pulchra N.E.Br. (5)

U. pusilla (DC.) N.E.Br. (5)

Annual. Herb. Ht 0.05–0.5 m. Alt 15–1065 m. NC,
WC, EC

anthemoides (L.) Poir. subsp. **versicolor** (DC.) Prassler

Sphenogyne anthemoides (L.) R.Br. var. *versicolor* (DC.) Harv. (5)

Sphenogyne versicolor DC. (5)

U. versicolor (DC.) N.E.Br. (5)

Annual. Herb. Ht 0.05–0.5 m. Alt 190–1525 m. N,
NC, WC

apiculata DC. = **U. montana** subsp. **apiculata**

argentea Compton = **U. sericea**

bolusii Thell. = **U. scariosa** subsp. **scariosa**

brachyloba (Kunze) N.E.Br.

Sphenogyne brachyloba Kunze (2)

Perennial. Dwarf shrub. Ht 1.2–1.5 m. Alt? 'CP' (1)

brachypoda (Harv.) N.E.Br. = **U. hispida**

brevicaulis J.M.Wood & M.S.Evans = **U. montana**
subsp. **montana**

cakilefolia DC.

Annual. Herb. Ht 0.06–0.5 m. Alt 70–915 m. NC, WC

caledonica (E.Phillips) Prassler

Ursiniopsis caledonica E.Phillips (5)

Perennial. Shrub. Ht 0.3–0.6 m. Alt 655–3450 m. WC

calenduliflora (DC.) N.E.Br.

Sphenogyne calendulaeflora DC. (5)

Annual. Herb. Ht 0.04–0.35 m. Alt 250–750 m. NC,
WC

chrysanthemoides (Less.) Harv.

Sphenogyne chrysanthemoides Less. (5)

U. chrysanthemoides (Less.) Harv. var. *geyeri* (L.Bolus & Harry
Hall) Prassler (8)

U. geyeri L.Bolus & Harry Hall (8)

Annual, occ. perennial. Herb. Ht 0.15–1 m. Alt 5–
3352 m. NC, WC, EC

chrysanthemoides (Less.) Harv. var. *geyeri* (L.Bolus &
Harry Hall) Prassler = **U. chrysanthemoides**

ciliaris (DC.) N.E.Br. = **U. tenuifolia** subsp. **ciliaris**

concolor (Harv.) N.E.Br. = **U. punctata**

coronopifolia (Less.) N.E.Br.

Sphenogyne coronopifolia Less. (5)

Perennial. Suffrutex. Ht 0.3–0.5 m. Alt 400–1450 m.
WC

crithmifolia (R.Br.) Spreng. = **U. paleacea**

crithmifolia (R.Br.) Spreng. var. *grandiflora* (Harv.)
N.E.Br. = **U. paleacea**

crithmoides (P.J.Bergius) Poir. = **U. paleacea**

dentata (L.) Poir.

Arctotis dentata L. (5)

Arctotis pectinata Thunb. (5)

Sphenogyne dentata (L.) R.Br. (5)

Sphenogyne dentata (L.) R.Br. var. *setigera* (DC.) Harv. (5)

Sphenogyne setigera DC. (5)

U. dentata (L.) Poir. var. *setigera* (DC.) N.E.Br. (5)

Perennial. Suffrutex. Ht 0.3–0.6 m. Alt 15–1525 m.
NC, WC, EC

dentata (L.) Poir. var. *setigera* (DC.) N.E.Br. = **U. den-**
tata

discolor (Less.) N.E.Br.

Sphenogyne brevifolia DC. (5)

Sphenogyne discolor Less. (5)

Perennial. Suffrutex. Ht 0.2–0.4 m. Alt 12–1450 m.
WC, EC

dregeana (DC.) N.E.Br.

Sphenogyne dregeana DC. (5)

Perennial. Suffrutex. Ht 0.3–0.6 m. Alt 500–1500 m.
NC, WC

eckloniana (Sond.) N.E.Br.

Sphenogyne eckloniana Sond. (5)

Ursiniopsis eckloniana (Sond.) E.Phillips (5)

Perennial. Shrub. Ht 0.3–0.6 m. Alt 120–1220 m. WC

engleriana Muschl. = **U. nana** subsp. **nana**

filiformis (A.Spreng.) Griess. = **U. pinnata**

filipes (E.Mey. ex DC.) N.E.Br.

Sphenogyne filipes E.Mey. ex DC. (5)

Perennial. Suffrutex. Ht up to 0.4 m. Alt 610–1065 m.
WC

foeniculacea (Jacq.) N.E.Br. = **U. anthemoides** subsp.
anthemoides

frutescens Dinter

Perennial. Shrub. Ht up to 0.8 m. Alt ± 620 m. N, NC

geyeri L.Bolus & Harry Hall = **U. chrysanthemoides**

heterodonta (DC.) N.E.Br.

Sphenogyne heterodonta DC. (5)

Perennial. Suffrutex. Ht 0.3–0.5 m. Alt 15–1320 m.
NC, WC, EC

hispida (DC.) N.E.Br.

Sphenogyne brachypoda Harv. (5)

Sphenogyne hispida DC. (5)

U. brachypoda (Harv.) N.E.Br. (5)

Perennial. Suffrutex. Ht 0.25–0.35 m. Alt 300–1370
m. WC

incisa (DC.) N.E.Br. = **U. serrata**

indecora DC. = **U. nana** subsp. **nana**

jacottetiana Thell. = **U. montana** subsp. **montana**

longiscapa E.Phillips = **U. paleacea**

macropoda (DC.) N.E.Br.*Sphenogyne macropoda* DC. (5)

Perennial. Herb. Ht 0.2–0.35 m. Alt up to 1350 m. WC

matricariifolia Dinter = **U. nana** subsp. **nana****merxmuelleri** Prassler

Perennial. Suffrutex. Ht 0.4–0.6 m. Alt up to 1219 m. WC

montana DC. subsp. **apiculata** (DC.) Prassler*U. apiculata* DC. (5)

Perennial. Herb. Ht 0.1–0.2 m. Alt up to 2000 m. EC

montana DC. subsp. **montana***U. brevicaulis* J.M.Wood & M.S.Evans (5)*U. jacottetiana* Thell. (5)*U. subintegrifolia* Bolus (5)

Perennial. Herb. Ht 0.1–0.25 m. Alt 457–3355 m. LIM, M, FS, KZN, L, EC

montana DC. subsp. **tenuiloba** (DC.) Prassler = **U. tenuiloba****nana** DC. subsp. **leptophylla** Prassler

Perennial. Herb. Ht 0.15–0.5 m. Alt up to 2195 m. B?, LIM, NW, G, M, FS, NC

nana DC. subsp. **nana***U. abyssinica* Sch.Bip. ex Walp. (5)*U. affinis* Harv. (5)*U. annua* Less. ex Harv. (5)*U. engleriana* Muschl. (5)*U. indecora* DC. (5)*U. matricariifolia* Dinter (5)*U. schinzii* Dinter (5)

Annual. Herb. Ht 0.03–0.4 m. Alt 5–2479 m. N, LIM, G, M, FS, L, NC, WC, EC

natalensis (Sch.Bip.) N.E.Br. = **U. tenuiloba****nudicaulis** (Thunb.) N.E.Br.*Arctotis nudicaulis* Thunb. (5)*Sphenogyne chamomillaefolia* DC. (5)*Sphenogyne chamomillaefolia* DC. var. *elongata* Harv. (5)*Sphenogyne nudicaulis* (Thunb.) Less. (5)*Sphenogyne nudicaulis* (Thunb.) Less. var. *alpina* Harv. (5)*Sphenogyne nudicaulis* (Thunb.) Less. var. *gracilior* Harv. (5)*Sphenogyne scapiformis* DC. (5)

Perennial. Herb. Ht 0.15–0.6 m. Alt 15–1525 m. WC, EC

oreogena Schltr. ex Prassler

Perennial. Suffrutex. Ht 0.3–0.5 m. Alt up to 765 m. WC

paleacea (L.) Moench*Arctotis crithmoides* P.J.Bergius (5)*Arctotis paleacea* L. (10)*Sphenogyne anethifolia* Less. (5)*Sphenogyne crithmifolia* R.Br. (5)*Sphenogyne crithmifolia* R.Br. var. *grandiflora* Harv. (5)*Sphenogyne crithmifolia* R.Br. var. *trifurcata* DC. (5)*Sphenogyne grandiflora* DC. (5)*U. anethifolia* (Less.) N.E.Br. (5)*U. crithmifolia* (R.Br.) Spreng. (5)*U. crithmifolia* (R.Br.) Spreng. var. *grandiflora* (Harv.) N.E.Br. (5)*U. crithmoides* (P.J.Bergius) Poir. (10)*U. longiscapa* E.Phillips (5)

Perennial. Shrub. Ht 0.25–0.6 m. Alt 30–1450 m. WC, EC

pauciloba (DC.) N.E.Br. = **U. punctata****pilifera** (P.J.Bergius) Poir.*Arctotis pilifera* P.J.Bergius (5)*Sphenogyne pilifera* (P.J.Bergius) DC. (5)

Perennial. Herb. Ht 0.15–0.35 m. Alt 215–1610 m. NC, WC

pinnata (Thunb.) Prassler*Arctotis pinnata* Thunb. (5)*U. filiformis* (A.Spreng.) Griess. (5)

Perennial. Shrub. Ht 0.5–1.5 m. Alt 245–2100 m. NC, WC

pulchra N.E.Br. = **U. anthemoides** subsp. **anthemoides****punctata** (Thunb.) N.E.Br.*Arctotis punctata* Thunb. (5)*Sphenogyne anethoides* DC. var. *brachyglossa* DC. (5)*Sphenogyne anethoides* DC. var. *ramossima* DC. (5)*Sphenogyne concolor* Harv. (5)*Sphenogyne gracilis* DC. (5)*Sphenogyne pauciloba* DC. (5)*U. concolor* (Harv.) N.E.Br. (5)*U. pauciloba* (DC.) N.E.Br. (5)

Perennial. Suffrutex. Ht 0.3–0.6 m. Alt 244–1525 m. NC, WC

pusilla (DC.) N.E.Br. = **U. anthemoides** subsp. **anthemoides****pygmaea** DC.

Annual. Herb. Ht 0.03–0.2 m. Alt up to 365 m. WC

quinquepartita (DC.) N.E.Br.*Sphenogyne quinquepartita* DC. (5)*Sphenogyne tripartita* DC. (5)*Ursiniopsis quinquepartita* (DC.) E.Phillips (5)

Perennial. Shrub. Ht up to 0.4 m. Alt 245–975 m. WC

rigidula (DC.) N.E.Br.*Sphenogyne rigidula* DC. (5)

Perennial. Suffrutex. Ht 0.2–0.5 m. Alt 45–1525 m. WC

saxatilis N.E.Br.

Perennial. Herb. Ht 0.05–0.7 m. Alt 600–2400 m. LIM, M, S, FS, KZN, L, WC, EC

scariosa (Aiton) Poir. subsp. **scariosa***Arctotis scariosa* Aiton (5)*Sphenogyne scariosa* (Aiton) R.Br. (5)*U. bolusii* Thell. (5)

Perennial. Shrub, herb. Ht 0.45–1.5 m. Alt 91–1065 m. WC, EC

scariosa (Aiton) Poir. subsp. **subhirsuta** (DC.) Prassler*Sphenogyne subhirsuta* DC. (5)*U. subhirsuta* (DC.) N.E.Br. (5)

Perennial. Shrub, herb. Ht 0.2–1.5 m. Alt 460–1065 m. NC, WC

schinzii Dinter = **U. nana** subsp. **nana****sericea** (Thunb.) N.E.Br.*Arctotis sericea* Thunb. (5)*Sphenogyne sericea* (Thunb.) Less. (5)*U. argentea* Compton (5)

Perennial. Suffrutex. Ht 0.2–0.75 m. Alt 460–2895 m. NC, WC

serrata (L.f.) Poir.*Arctotis serrata* L.f. (5)*Sphenogyne serrata* (L.f.) DC. (5)*U. incisa* (DC.) N.E.Br. (5)

Perennial. Herb. Ht 0.3–0.6 m. Alt 91–1435 m. WC

speciosa DC.

Annual. Herb. Ht 0.1–0.5 m. Alt 151–915 m. N, NC, WC

subflosculosa (DC.) Prassler*Arctotis paleacea* Thunb. (5)*Sphenogyne paleacea* (Thunb.) Less. (5)*Sphenogyne subflosculosa* DC. (5)

Perennial. Suffrutex. Ht 0.3–0.6 m. Alt up to 1200 m. WC

subhirsuta (DC.) N.E.Br. = **U. scariosa** subsp. **subhirsuta**

subintegrifolia Bolus = **U. montana** subsp. **montana**

tenuifolia (L.) Poir. subsp. **ciliaris** (DC.) Prassler

Sphenogyne ciliaris DC. (5)

Sphenogyne trifurca Harv. (5)

Ursinia ciliaris (DC.) N.E.Br. (5)

Ursinia trifurca (Harv.) N.E.Br. (5)

Perennial. Herb. Ht 0.15–0.3 m. Alt 5–380 m. WC

tenuifolia (L.) Poir. subsp. **tenuifolia**

Arctotis tenuifolia L. (5)

Sphenogyne tenuifolia (L.) DC. (5)

Sphenogyne tenuifolia (L.) DC. var. *heterochroma* Harv. (5)

Perennial. Herb. Ht 0.15–0.3 m. Alt up to 75 m. WC

tenuiloba DC.

U. montana DC. subsp. *tenuiloba* (DC.) Prassler (9)

U. natalensis (Sch.Bip.) N.E.Br. (9)

U. tysoniana E.Phillips (9)

Annual. Herb. Ht 0.1–0.3 m. Alt 16–2440 m. LIM, M, S, KZN, EC

trifida (Thunb.) N.E.Br. forma **calva** Prassler

Perennial. Shrub. Ht 0.3–0.6 m. Alt 305–600 m. WC

trifida (Thunb.) N.E.Br. forma **trifida**

Arctotis trifida Thunb. (5)

Sphenogyne leptoglossa DC. (5)

Sphenogyne trifida (Thunb.) Less. (5)

Sphenogyne triloba DC. (5)

Perennial. Shrub. Ht 0.25–0.6 m. Alt 48–1228 m. WC

trifurca (Harv.) N.E.Br. = **U. tenuifolia** subsp. **ciliaris**

tysoniana E.Phillips = **U. tenuiloba**

versicolor (DC.) N.E.Br. = **U. anthemoides** subsp. **versicolor**

URSINIOPSIS E.Phillips 9431020

caledonica E.Phillips = **Ursinia caledonica**

eckloniana (Sond.) E.Phillips = **Ursinia eckloniana**

quinquepartita (DC.) E.Phillips = **Ursinia quinquepartita**

VELLEREOPHYTON Hilliard 8992010
& B.L.Burt

Compiled by P.P.J. Herman

(1) Hilliard. 1983. *FSA* 33,7,2: 31–37.

dealbatum (Thunb.) Hilliard & B.L.Burt

Gnaphalium candidissimum Lam., illegitimate name (1)

Gnaphalium carroëense Schrank. (1)

Gnaphalium dealbatum Thunb. (1)

Gnaphalium maculatum Thunb. (1)

Gnaphalium micranthum Thunb. (1)

Perennial. Herb, prostrate to weakly erect. Length 0.03–0.45 m. Alt 0–750 m. NC, WC, EC

felinum Hilliard

Perennial. Herb, decumbent. Length 0.05–0.15 m. Alt 1000–1220 m. WC

gracillimum Hilliard

Annual. Herb, decumbent, then erect. Length 0.01–0.04 m. Alt 600–1000 m. NC, WC

lasianthum (Schltr. & Moeser) Hilliard

Helichrysum lasianthum Schltr. & Moeser (1)

Annual? Herb, prostrate. Length up to 0.15 m. Alt 1500–2500 m. NC

niveum Hilliard

Perennial. Herb, prostrate to weakly erect. Length 0.03–0.45 m. Alt 10–975 m. WC

pulvinatum Hilliard

Perennial. Herb, prostrate. Length up to 0.05 m. Alt up to 500 m. WC

vellereum (R.A.Dyer) Hilliard

Helichrysum vellereum R.A.Dyer (1)

Perennial. Herb, decumbent or ascending. Length up to 0.6 m. Alt 0–10 m. EC

VENIDIUM Less. 9432010

arctotooides (L.f.) Less. = **Arctotis arctotooides**

aureum DC. = **Arctotis fastuosa**

bellidiastrum S.Moore = **Arctotis bellidiastrum**

bolusii S.Moore = **Arctotis bolusii**

cinerarium DC. = **Arctotis perfoliata**

decurrens Less. = **Arctotis arctotooides**

discolor Less. = **Arctotis discolor**

erosum Harv. = **Arctotis erosa**

fastuosum (Jacq.) Stapf = **Arctotis fastuosa**

fugax Harv. = **Arctotis hirsuta**

hirsutum Harv. = **Arctotis hirsuta**

hispidulum DC. = **Arctotis hirsuta**

hispidulum Less. = **Arctotis hispidula**

kraussii Sch.Bip. = **Arctotis hirsuta**

macrocephalum DC. = **Arctotis fastuosa**

macrosperrum DC. = **Arctotis macrosperma**

microcephalum DC. = **Arctotis microcephala**

perfoliatum Less. = **Arctotis perfoliata**

puberulum DC. = **Arctotis hispidula**

rogersii S.Moore = **Arctotis rogersii**

semipapposum DC. = **Arctotis semipapposa**

serpens S.Moore = **Arctotis serpens**

subacaule DC. = **Arctotis hirsuta**

wyleyi Harv. = **Arctotis fastuosa**

***VERBESINA** L. 9218000

Compiled by N. Netnou

(1) Steyermark. 1963. *Flora of Missouri*: 1578–1580.

(2) Merxmüller. 1967. *FSWA* 139: 179.

asteroides L. = **Amellus asteroides** subsp. **asteroides**

biflora L. = **Melanthera biflora**

encelioides (Cav.) Benth. & Hook. var. **encelioides**

Ximenesia encelioides Cav. (2)

Annual. Herb. Ht 0.5–1 m. Alt 90–1465 m. N, B, LIM, NW, NC

encelioides (Cav.) Benth. & Hook. var. **exauriculata**
C.B.Rob. & Greenm.

Annual. Herb. Ht up to 1 m. Alt 30–610 m. EC

sativa Roxb. = **Guizotia abyssinica**

VERNONIA Schreb. 8751000

Compiled by P.P.J. Herman

(1) Harvey. 1865. *FC* 3: 48–53.

(2) Oliver. 1875. *Transactions of the Linnean Society of London* 29: 90–93.

(3) Oliver & Hiern. 1877. *FTA* 3: 266–297.

(4) Hoffmann. 1889. *Botanische Jahrbücher* 10: 272.

(5) Klatt. 1892. *Annalen des Naturhistorischen Museums, Wien* 7: 100.

(6) Moore. 1914. *Journal of Botany, London* 52: 95.

- (7) Fries. 1916. *Wissenschaftliche Ergebnisse der Schwedischen Rhodesia-Kongo-Expedition* 1: 324.
- (8) Bremekamp. 1933. *Annals of the Transvaal Museum* 15: 262.
- (9) Phillips. 1936. *Journal of Botany, London* 74: 205, 206.
- (10) Henderson. 1956. *The Flowering Plants of Africa* 31: t. 1213.
- (11) Merxmüller. 1960. *Mitteilungen der Botanischen Staatssammlung München* 3: 608, 609.
- (12) Merxmüller. 1967. *FSWA* 139: 179–184.
- (13) Claassen. 1970. *The Flowering Plants of Africa* 40: t. 1592.
- (14) Hilliard. 1977. *Compositae in Natal*: 25–46.
- (15) Willd. 1978. *Kirkia* 11: 31–127.
- (16) Merxmüller & Roessler. 1979. *Mitteilungen der Botanischen Staatssammlung München* 15: 377, 378.
- (17) Hilliard & Burt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42: 238, 239.
- (18) Anderberg. 1986. *Cladistics* 2: 184.
- (19) Pope. 1986. *Kew Bulletin* 41: 37–43.
- (20) Jeffrey. 1988. *Kew Bulletin* 43: 195–248.
- (21) Pope. 1988. *Kew Bulletin* 43: 279–289.
- (22) Pope. 1992. *FZ* 6,1: 57–151.
- (23) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 335–349.
- (24) Jeffrey & Beentje. 2000. *FTEA Compositae (Part 1)*: 159–270.
- acuminatissima** S.Moore
V. rogersii S.Moore (20, 22)
Annual. Herb. Ht up to 1.2 m. Alt ± 760 m. LIM, KZN
- adoensis** Sch.Bip. ex Walp. var. **kotschyana** (Sch.Bip. ex Walp.) G.V.Pope = **Baccharoides adoensis** var. **kotschyana**
- adoensis** Sch.Bip. ex Walp. var. **mossambiquensis** (Steetz) G.V.Pope = **Baccharoides adoensis** var. **mossambiquensis**
- africana** (Sond.) Druce
V. vernonella Harv. (14)
Perennial. Herb, geophyte. Ht up to 0.5 m. Alt 75–150 m. KZN
- ampla** O.Hoffm. = **V. myriantha**
- amygdalina** Delile
V. randii S.Moore (14, 20, 22)
Perennial. Tree or shrub. Ht up to 8 m. Alt 130–1065 m. B, LIM, M, S, KZN
- angolensis** (O.Hoffm.) N.E.Br. = **Distephanus angolensis**
- angulifolia** DC. = **Distephanus angulifolius**
- anisochaetoides** Sond. = **Distephanus anisochaetoides**
- anthelmintica** (L.) Willd. = **Baccharoides anthelmintica**
- aristata** (DC.) Sch.Bip. = **V. natalensis**
- aurantiaca** (O.Hoffm.) N.E.Br. = **Distephanus divaricatus**
- bainesii** Oliv. & Hiern subsp. **bainesii**
Perennial. Herb. Ht 0.6–1.2 m. Alt? 'Tvl'? (22)
- capensis** (Houtt.) Druce
Cacalia capensis (Houtt.) Kuntze (14)
Conyza canescens L.f. (14)
Conyza pinifolia Lam. (14)
Erigeron capense Houtt. (14)
V. pinifolia (Lam.) Less. (14)
Webbia pinifolia (Lam.) DC. (14)
Perennial. Herb, geophyte. Ht 0.2–1 m. Alt 15–2100 m. M, S, FS, KZN, L, WC, EC
- centaureoides** Klatt
Annual, occ. perennial. Herb. Ht 0.15–1 m. Alt 18–1570 m. M, S, KZN
- cinerascens** Sch.Bip.
V. luederitziana O.Hoffm. (12)
V. porta-taurinae Dinter ex Merxm. (12)
V. squarrosa Dinter ex Merxm. (12)
- Perennial. Shrub. Ht 0.5–3 m. Alt 360–1200 m. N, B, LIM, M?
- cinerea** (L.) Less. var. **cinerea** = **Cyanthillium cinereum** var. **cinereum**
- collina** Klatt = **Pegolettia lanceolata**
- collina** Schltr. = **V. thodei**
- colorata** (Willd.) Drake subsp. **colorata**
Eupatorium coloratum Willd. (14, 22)
V. senegalensis (Pers.) Less. (14, 22)
Perennial. Tree or shrub. Ht 0.9–9 m. Alt 20–975 m. B, LIM, M, S, KZN
- corymbosa** (L.f.) Less. = **V. tigna**
- crataegifolia** Hutch.
V. mespilifolia Less. var. *subcanescens* DC. (14)
V. pseudo-corymbosa Thell. (14)
Perennial. Shrub. Ht 0.6–2 m. Alt 60–2000 m. LIM, M, S, KZN, EC
- dregeana** Sch.Bip.
Cacalia nudicaulis (DC.) Kuntze (14)
Webbia nudicaulis DC. (14)
Perennial. Herb, geophyte. Ht 0.3–0.8 m. Alt 0–1920 m. M, KZN, EC
- elaeagnoides** (DC.) Sch.Bip. = **V. oligocephala**
- erinacea** Wild = **V. rhodanthoidea**
- fastigiata** Oliv. & Hiern
V. schinzii O.Hoffm. (14, 22)
Annual, occ. perennial. Herb. Ht 0.3–1 m. Alt 30–1800 m. N, B, LIM, NW, G, M, S, FS, KZN
- flanaganii** (E.Phillips) Hilliard
V. hirsuta (DC.) Sch.Bip. ex Walp. var. *flanaganii* E.Phillips (17)
Perennial. Herb. Ht 0.6–1.2 m. Alt 1350–2135 m. FS, KZN
- fulviseta** S.Moore = **Baccharoides adoensis** var. **mossambiquensis**
- galpinii** Klatt
Cacalia harveyi Kuntze (14)
Pegolettia tenella DC. (18)
V. monocephala Harv., illegitimate name (14, 22)
Perennial. Herb. Ht 0.01–0.6 m. Alt 91–2100 m. B, LIM, NW, G, M, S, FS, KZN, EC
- gerberiformis** Oliv. & Hiern subsp. **macrocyanus** (O.Hoffm.) C.Jeffrey
V. primulina O.Hoffm. (16, 22)
Perennial. Herb. Ht 0.04–0.75 m. Alt ± 700 m. N, B, LIM
- gerrardii** Harv.
Cacalia gerrardii (Harv.) Kuntze (14)
Perennial. Herb. Ht 0.18–0.6 m. Alt 150–1600 m. KZN
- glabra** in sense of Wild in part, not of (Steetz) Vatke, misapplied name = **V. rosenii**
- glabra** (Steetz) Vatke var. **glabra**
Linzia glabra Steetz var. *glabra* (12, 20)
V. glabra (Steetz) Vatke var. *ondongensis* (Klatt) Merxm. (15, 22)
V. obconica Oliv. & Hiern (15, 20)
V. ondongensis Klatt (15, 22)
Perennial. Herb. Ht 1.2–3 m. Alt 900–1158 m. N, B, LIM
- glabra** (Steetz) Vatke var. **laxa** (Steetz) Brenan
Linzia glabra Steetz var. *laxa* Steetz (20, 22)
Perennial. Herb. Ht 0.5–1.85 m. Alt 15–1000 m. N, B, LIM, M, S, KZN

glabra (Steetz) Vatke var. *ondongensis* (Klatt) Merxm.
= **V. glabra** var. **glabra**

hirsuta (DC.) Sch.Bip. ex Walp.
V. hirsuta (DC.) Sch.Bip. ex Walp. var. *obtusifolia* Harv. (14)
Webbia hirsuta DC. (22)
Perennial. Herb. Ht 0.3–1.5 m. Alt 5–2285 m. LIM,
NW, G, M, S, FS, KZN, L, EC

hirsuta (DC.) Sch.Bip. ex Walp. var. *flanaganii*
E.Phillips = **V. flanaganii**

hirsuta (DC.) Sch.Bip. ex Walp. var. *obtusifolia* Harv. =
V. hirsuta

inhacensis G.V.Pope
Perennial. Shrub, climber or scrambler. Ht up to 0.5 m.
Alt 5–50 m. KZN

kraussii Sch.Bip. ex Walp. = **V. oligocephala**

leptolepis Baker = **Baccharoides adoensis** var. **kot-
schyana**

luederitziana O.Hoffm. = **V. cinerascens**

lutea N.E.Br. = **Distephanus angolensis**

meiostephana C.Jeffrey
Annual. Herb. Ht 0.6–1.5 m. Alt 350–850 m. LIM, M,
S

melleri Oliv. & Hiern var. **melleri**
Perennial. Herb. Ht 0.3–1.5 m. Alt? B

merenskiana Dinter ex Merxm., naked name = **Erlangea
misera**

mespilifolia Less.
Cacalia mespilifolia (Less.) Kuntze (14)
Perennial. Shrub, climber or scrambler. Ht 0.6–9 m.
Alt 0–1830 m. LIM, M, S, KZN, WC, EC

mespilifolia Less. var. *subcanescens* DC. = **V. crataegi-
folia**

misera Oliv. & Hiern = **Erlangea misera**

monocephala Harv., illegitimate name = **V. galpinii**

mossambiquensis (Steetz) Oliv. & Hiern = **Baccharoi-
des adoensis** var. **mossambiquensis**

myriantha Hook.f.
V. ampla O.Hoffm. (20, 22)
V. podocoma Sch.Bip. ex Vatke (20, 22)
V. stipulacea Klatt (20, 22)
Perennial. Shrub. Ht 1.2–7 m. Alt 430–1920 m. LIM,
M, S, KZN

natalensis Oliv. & Hiern
Cacalia aristata (DC.) Kuntze (14)
V. aristata (DC.) Sch.Bip. (22)
V. pseudonatalensis Wild (22)
Webbia aristata DC. (14, 20, 22)
Perennial. Herb. Ht 0.1–1.2 m. Alt 5–2200 m. LIM,
NW, G, M, S, FS, KZN, L, EC

neocorymbosa Hilliard = **V. tigna**

nestor S.Moore
Perennial. Herb. Ht up to 0.9 m. Alt? KZN

obconica Oliv. & Hiern = **V. glabra** var. **glabra**

obionifolia O.Hoffm. subsp. **dentata** Merxm.
Perennial. Shrub. Ht 0.2–1.8 m. Alt 1000–1850 m. N

obionifolia O.Hoffm. subsp. **obionifolia**
Perennial. Shrub. Ht 1–1.5 m. Alt 1000–1420 m. N,
NC

oligocephala (DC.) Sch.Bip. ex Walp.

Cacalia elaeagnoides (DC.) Kuntze (14)
V. elaeagnoides (DC.) Sch.Bip. (22)
V. kraussii Sch.Bip. ex Walp. (12, 14, 20, 22)
Webbia elaeagnoides DC. (14, 22)
Webbia oligocephala DC. (12, 14, 22)
Perennial. Herb. Ht 0.08–1 m. Alt 15–2338 m. N, B,
LIM, NW, G, M, S, FS, KZN, L, NC, EC

ondongensis Klatt = **V. glabra** var. **glabra**

petersii Oliv. & Hiern ex Oliv.
Annual. Herb. Ht 0.1–1.2 m. Alt up to 1160 m. N, B

pinifolia (Lam.) Less. = **V. capensis**

podocoma Sch.Bip. ex Vatke = **V. myriantha**

porta-taurinae Dinter ex Merxm. = **V. cinerascens**

poskeana Vatke & Hildebr. subsp. **botswanica** G.V.Pope
Annual. Herb. Ht 0.1–1.5 m. Alt 300–1850 m. N, B,
LIM, NW, G, M, S, FS, NC

poskeana Vatke & Hildebr. var. *chlorolepis* (Steetz)
O.Hoffm. = **V. steetziana**

potamophila Klatt
Perennial. Shrub. Ht 1–2.6 m. Alt 500–1000 m. N

primulina O.Hoffm. = **V. gerberiformis** subsp. **macro-
cyanus**

pseudo-corymbosa Thell. = **V. crataegifolia**

pseudonatalensis Wild = **V. natalensis**

randii S.Moore = **V. amygdalina**

rhodanthoidea Muschl.
V. erinacea Wild (24)
Annual. Herb. Ht 0.1–2 m. Alt ± 1000 m. LIM, NW, G

rogersii S.Moore = **V. acuminatissima**

rosenii R.E.Fr.
V. glabra in sense of Wild in part, not of (Steetz) Vatke, misapplied
name (22)
Perennial. Herb. Ht 0.12–0.9 m. Alt? B

schinzii O.Hoffm. = **V. fastigiata**

schlechteri O.Hoffm.
Perennial. Herb. Ht 0.5–0.75 m. Alt 600–1650 m. M, S

schoenfelderiana Dinter ex Merxm. = **Pleiotaxis antu-
nesii**

senegalensis (Pers.) Less. = **V. colorata** subsp. **colorata**

shirensis Oliv. & Hiern = **Baccharoides adoensis** var.
mossambiquensis

squarrosa Dinter ex Merxm. = **V. cinerascens**

stachelinoides Harv.
Perennial. Shrub or suffrutex. Ht 0.15–1 m. Alt 1000–
1830 m. LIM, NW, G, M, FS

steetziana Oliv. & Hiern
V. poskeana Vatke & Hildebr. var. *chlorolepis* (Steetz) O.Hoffm.
(19, 22)
Annual. Herb. Ht 0.2–1 m. Alt 305–1030 m. N, B,
LIM, M, S, KZN

stenolepis Oliv. = **Baccharoides anthelmintica**

stipulacea Klatt = **V. myriantha**

sutherlandii Harv.
Perennial. Herb. Ht 0.15–0.9 m. Alt 455–1830 m.
LIM, NW, G, M, S, KZN

thodei E.Phillips
V. collina Schltr. (14)
Perennial. Herb. Ht 0.04–0.17 m. Alt 900–2135 m. M,
FS, KZN

tigna Klatt*Cacalia corymbosa* (L.f.) Kuntze (22)*Staelina corymbosa* L.f. (22)*V. corymbosa* (L.f.) Less. (22)*V. neocorymbosa* Hilliard (22)

Perennial. Shrub. Ht 0.5–3 m. Alt 0–2000 m. LIM, M, S, FS, KZN, EC

transvaalensis Hutch. = **V. wollastonii****triflora** Bremek.

Perennial. Shrub. Ht 0.6–2.4 m. Alt 1200–1740 m. LIM, M

umbratica Oberm. = **V. wollastonii****vallicola** S.Moore

Perennial. Shrub. Ht up to 0.9 m. Alt? N

vernonella Harv. = **V. africana***vitellina* N.E.Br. = **Distephanus divaricatus***whyteana* Britten = **Baccharoides adoensis** var. **mos-sambiquensis****wollastonii** S.Moore*V. transvaalensis* Hutch. (15, 22)*V. umbratica* Oberm. (15, 20, 22)

Perennial. Shrub, scrambler. Ht 0.6–3 m. Alt 155–1980 m. LIM, M, S, KZN

woodii O.Hoffm. = **Baccharoides adoensis** var. **kotschyana****VICOA** Cass. 9061030*auriculata* Cass. = **Pentanema indicum****WEBBIA** Sch.Bip. 8926010*aristata* DC. = **Vernonia natalensis***elaegnoides* DC. = **Vernonia oligocephala***hirsuta* DC. = **Vernonia hirsuta***kraussii* Sch.Bip. = **Conyza obscura***nudicaulis* DC. = **Vernonia dregeana***oligocephala* DC. = **Vernonia oligocephala***pinifolia* (Lam.) DC. = **Vernonia capensis*****WEDELIA** Jacq. 9192000

Compiled by N. Netnou

(1) Wells *et al.* 1986. *Memoirs of the Botanical Survey of South Africa* No. 53: 543.(2) Pruski. 1996. *Novon* 6: 404–418.*biflora* (L.) Wight = **Melanthera biflora***diversipapposa* S.Moore = **Aspilia mossambicensis****glauca** (Ortega) Hoffm. ex Hicken

Perennial. Herb. Ht up to 0.2 m. Alt up to 1486 m. G

gossweileri S.Moore = **Blainvillea gayana***mossambicensis* Oliv. = **Aspilia mossambicensis***natalensis* Sond. = **Aspilia natalensis***paludosa* DC. = **Sphagneticola trilobata***trilobata* (L.) Hitchc. = **Sphagneticola trilobata***triternata* Klatt = **Melanthera triternata*****XANTHIUM** L. 9148000

Compiled by N. Netnou

(1) Hilliard. 1977. *Compositae in Natal*: 297–299.*natalense* Widder = **X. strumarium***pungens* Wallr. = **X. strumarium****spinosum** L.

Annual. Herb. Ht up to 1 m. Alt 45–1620 m. B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

strumarium L.*X. natalense* Widder (1)*X. pungens* Wallr. (1)

Annual. Herb. Ht up to 1.5 m. Alt 30–2125 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

XENISMIA DC. 9427040*acanthosperma* DC. = **Osteospermum acanthospermum****XERANTHEMUM** L. 9445000*argenteum* Thunb. = **Syncarpha argentea***canescens* L. = **Syncarpha canescens** subsp. **canescens***ciliatum* L. = **Polyarrhena reflexa** subsp. **reflexa***ericoides* Lam. = **Dolichothrix ericoides***fasciculatum* Andrews = **Edmondia fasciculata***ferrugineum* Lam. = **Syncarpha ferruginea***herbaceum* Andrews = **Helichrysum herbaceum***humile* Andrews = **Edmondia pinifolia***lancifolium* Thunb. = **Helichrysum lancifolium***paniculatum* L. = **Syncarpha paniculata***pinifolium* Lam. = **Edmondia pinifolia***proliferum* L. = **Phaenocoma prolifera***recurvatum* L.f. = **Syncarpha recurvata***retortum* L. = **Helichrysum retortum***sesamoides* L. = **Edmondia sesamoides***speciosissimum* L. = **Syncarpha speciosissima** subsp. **speciosissima***spinosum* L. = **Macleodium spinosum***squamosum* Jacq. = **Edmondia pinifolia***staehelina* L. = **Syncarpha staehelina***stoloniferum* L.f. = **Helichrysum stoloniferum***striatum* Thunb. = **Syncarpha striata***variegatum* P.J.Bergius = **Syncarpha variegata***vestitum* L. = **Syncarpha vestita***virgatum* P.J.Bergius = **Syncarpha virgata****XEROTHAMNUS** DC. 9427050*ecklonianus* DC. = **Gibbaria scabra****XIMENESIA** Cav. 9218010*encelioides* Cav. = **Verbesina encelioides** var. **ence-lioides*****YOUNGIA** Cass. 9605010

Compiled by P.P.J. Herman

(1) Hilliard. 1977. *Compositae in Natal*: 635, 636.**japonica** (L.) DC.*Crepis japonica* (L.) Benth. (1)*Prenanthes japonica* L. (1)

Annual. Herb. Ht up to 0.45 m. Alt 0–500 m. KZN

***ZINNIA L.** 9155000

Compiled by N. Netnou

- (1) Torres. 1963. *Brittonia* 15: 1–25.
 (2) Hilliard. 1977. *Compositae in Natal*: 299, 300.

multiflora L. = **Z. peruviana****peruviana** (L.) L.*Z. multiflora* L. (2)Annual. Herb. Ht 0.3–1 m. Alt 40–2125 m. B, LIM,
NW, G, M, S, FS, KZN, L, NC, EC**ZOUTPANSBERGIA Hutch.** 9051010*caerulea* Hutch. = **Callilepis caerulea****ZYRPHELIS Cass.** 8882010

Compiled by P.P.J. Herman

- (1) Nees von Esenbeck. 1832. *Genera et species Asterearum*: 250, 252.
 (2) Harvey. 1865. *FC* 3: 64–66.
 (3) Kuntze. 1891. *Revisio generum plantarum* 1: 374.
 (4) Schlechter. 1900. *Botanische Jahrbücher* 27: 199, 200.
 (5) Grau. 1973. *Mitteilungen der Botanischen Staatssammlung München* 9: 565.
 (6) Nesom. 1994. *Phytologia* 76: 85–93.
 (7) Goldblatt & Manning. 2000. *Strelitzia* 9: 372, 373.

burchellii (DC.) Kuntze*Mairia burchellii* DC. (6)

Perennial. Herb. Ht 0.05–0.2 m. Alt 425–855 m. WC

corymbosa (Harv.) Kuntze = **Gymnostephium papposum***crenata* (Thunb.) Kuntze = **Mairia crenata****decumbens** (Schltr.) G.L.Nesom*Mairia decumbens* Schltr. (6)Perennial. Suffrutex. Length 0.05–0.1 m. Alt ± 1200
m. WC**ecklonis** (DC.) Kuntze*Homochroma ecklonis* DC. (2, 6)*Mairia ecklonis* (DC.) Sond. (6)Perennial. Dwarf shrub or suffrutex. Ht 0.15–0.3 m.
Alt 180–520 m. WC**foliosa** (Harv.) Kuntze*Mairia foliosa* Harv. (6)Perennial. Suffrutex. Ht 0.1–0.3 m. Alt 80–1220 m.
WC*hirsuta* (DC.) Kuntze = **Mairia hirsuta****lasiocarpa** (DC.) Kuntze*Felicia lasiocarpa* (DC.) Compton, not of *F. lasiocarpa* DC. (6)*Mairia lasiocarpa* DC. (6)Perennial. Shrub or suffrutex. Ht 0.1–0.6 m. Alt 900–
1860 m. WC**microcephala** (Less.) Nees*Elphegea microcephala* Less. (2, 6)*Mairia microcephala* (Less.) DC. (6)Perennial. Dwarf shrub or suffrutex. Ht 0.3–0.4 m. Alt
120–1490 m. WC**montana** (Schltr.) G.L.Nesom*Aster leiocarpus* (DC.) Harv. (5)*Mairia montana* Schltr. (6)Perennial. Dwarf shrub or suffrutex. Ht 0.1–0.3 m. Alt
140–915 m. WC**perezoides** (Less.) G.L.Nesom*Aster perezoides* Less. (2, 6)*Mairia perezoides* (Less.) Nees (6)Perennial. Herb. Ht 0.05–0.25 m. Alt 480–1370 m.
WC**taxifolia** (L.) Nees*Aster taxifolius* L. (2, 6)*Mairia taxifolia* (L.) DC. (6)Perennial. Dwarf shrub or suffrutex. Ht 0.1–0.6 m. Alt
360–1400 m. WC

AVICENNIACEAE

Compiled by E. Retief & H.F. Glen

AVICENNIA L. 7205000

- (1) Baker. 1900. *FTA* 5: 331, 332.
 (2) Moldenke & Moldenke. 1983. *A revised handbook to the flora of Ceylon* 4: 126–136.
 (3) Duke. 1991. *Australian Systematic Botany* 4: 299–324.
 (4) Verdcourt. 1992. *FTEA Verbenaceae*: 144–146.
 (5) Everett. 1994. *Telopea* 5: 627–629.

(6) Van Wyk *et al.* 2000. *Photographic guide to trees of southern Africa*: 57.**marina** (Forssk.) Vierh.*A. officinalis* in sense of Baker, not L. (1)

Perennial. Tree. Ht 2–15 m. Alt 0–50 m. KZN, EC

officinalis in sense of Baker, not L. = **A. marina**

BALANITACEAE

Compiled by M. Jordaan

BALANITES Delile 3980000

- (1) Launert. 1963. *FZ* 2: 221–224.
 (2) Merxmüller. 1973. *FSWA* 66: 1.
 (3) Sands. 2001. *Kew Bulletin* 56: 1–128.

aegyptiaca (L.) Delile var. **aegyptiaca**

Perennial. Shrub or tree. Ht 1.5–12 m. Alt? N, B

angolensis (Welw.) Welw. ex Mildbr. & Schltr. subsp.**welwitschii** (Tiegh.) Sands*B. welwitschii* (Tiegh.) Exell & Mendonça (3)

Perennial. Shrub or tree. Ht 1–4 m. Alt? N

australis Bremek. = **B. pedicellaris** subsp. **pedicellaris***dawei* Sprague = **B. maughamii** subsp. **maughamii**

maughamii Sprague subsp. **maughamii***B. dawei* Sprague (1)

Perennial. Tree. Ht 2–20 m. Alt 0–1000 m. LIM, M, S, KZN

pedicellaris Mildbr. & Schltr. subsp. **pedicellaris***B. australis* Bremek. (1)

Perennial. Shrub or tree. Ht 1.5–8 m. Alt 15–1450 m.

B, LIM, M, S, KZN

welwitschii = **B. angolensis** subsp. **welwitschii****BALANOPHORACEAE**

Compiled by A.M. Makwarela & M.C. Makgakga

MYSTROPETALON Harv.

2155000

1650 m. WC

(1) Wright. 1925. *FC* 5,2: 214, 215.(2) Hansen. 1986. *Botanische Jahrbücher* 106,3: 370–374.*polemannii* Harv. = **M. thomii***sollyii* Harv.-Gibs. = **M. thomii****thomii** Harv.*M. polemannii* Harv. (2)*M. sollyii* Harv.-Gibs. (2)

Perennial. Herb, parasite. Ht 0.06–0.25 m. Alt 45–

SARCOPHYTE Sparrm.

2158000

(1) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 176.(2) Wright. 1925. *FC* 5,2: 213, 214.(3) Hansen. 1986. *Botanische Jahrbücher* 106,3: 364–367.**sanguinea** Sparrm. subsp. **sanguinea**

Perennial. Herb, parasite. Ht 0.2–0.3 m. Alt 60–1800

m. LIM, M, KZN, EC

BALSAMINACEAE

Compiled by R.H. Archer

IMPATIENS L.

4856000

(1) Grey-Wilson. 1980. *Impatiens of Africa*: 1–235.*capensis* Thunb. = **I. hochstetteri** subsp. **hochstetteri***duthieae* L.Bolus = **I. hochstetteri** subsp. **hochstetteri****flanaganiae** Hemsl.

Perennial. Herb. Ht 1–2 m. Alt 10–150 m. KZN, EC

hochstetteri Warb. subsp. **hochstetteri***I. capensis* Thunb. (1)*I. duthieae* L.Bolus (1)*I. marlothiana* G.M.Schulze (1)

Annual or perennial. Herb. Ht 0.2–1.21 m. Alt 70–2155 m. LIM, NW, M, S, FS, KZN, L, WC, EC

marlothiana G.M.Schulze = **I. hochstetteri** subsp. **hochstetteri***oliveri* C.H.Wright ex W.Watson = **I. sodenii*****sodenii** Engl. & Warb.*I. oliveri* C.H.Wright ex W.Watson (1)

Perennial. Shrub or herb. Ht 1–3 m. Alt? G, M

sylvicola Burt Davy & Greenway

Annual or perennial. Herb. Ht 0.25–0.75 m. Alt 930–1675 m. LIM, M, KZN

***walleriana** Hook.f.

Perennial. Herb. Ht 0.3–0.8 m. Alt ?–770 m. LIM, G, M

BASELLACEAE

Compiled by M. Jordaan

***ANREDERA** Juss.

2428000

(1) Stannard. 1988. *FZ* 9,1: 161.**cordifolia** (Ten.) Steenis

Perennial. Climber, succulent. Ht 1.5–8 m. Alt 10–1800 m. M, S, KZN, L, WC, EC

BASELLA L.

2424000

(1) Verdcourt. 1964. *Kew Bulletin* 17: 496–498.(2) Verdcourt. 1968. *FTEA* Basellaceae: 1–4.(3) Stannard. 1988. *FZ* 9,1: 161–163.**paniculata** Volkens

Perennial. Climber, succulent. Ht variable. Alt 30–100 m. LIM, KZN

BEGONIACEAE

Compiled by C.L. Bredenkamp

BEGONIA L.

5397000

(1) Phillips. 1928. *The Flowering Plants of South Africa* 8: t. 283.(2) Phillips. 1937. *The Flowering Plants of South Africa* 17: t. 673.(3) Marais. 1956. *The Flowering Plants of Africa* 31: t. 1233.(4) Hilliard. 1976. *The Flowering Plants of Africa* 43: t. 1698.

- (5) Hilliard. 1976. *FSA* 22: 136–144.
 (6) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 137–139.
 (7) McLellan. 1994. *South African Journal of Botany* 60: 136, 137.
 (8) Tebbitt. 1997. *European garden flora* 5: 277–290.
 (9) McLellan. 2000. *Botanical Journal of the Linnean Society* 132: 79–95.

buttonii Irmsch = **B. sutherlandii** subsp. **sutherlandii**
caffra Meisn. = **B. homonyma**

***cucullata** Willd.

Perennial. Herb. Ht? Alt up to 305 m. EC

dissecta Irmsch = **B. sutherlandii** subsp. **sutherlandii**

dregei Otto & A.Dietr.

- B. natalensis* Hook. (5)
B. richardsiana T.Moore (5)
B. suffruticosa Meisn. (5)

Perennial. Herb, caudiciform. Ht up to 0.3 m. Alt 5–1219 m. KZN, EC

geranioides Hook.f.

Perennial. Herb. Ht up to 0.5 m. Alt 700–1375 m. KZN

***hirtella** Link

Annual. Herb. Ht up to 0.75 m. Alt? KZN

homonyma Steud.

B. caffra Meisn. (5)
 Perennial. Herb, caudiciform. Ht 0.15–1.06 m. Alt 30–765 m. KZN, EC

natalensis Hook. = **B. dregei**

richardsiana T.Moore = **B. dregei**

sonderiana Irmsch.

Perennial. Herb. Ht 0.01–1 m. Alt 200–1925 m. LIM, M, S, KZN

suffruticosa Meisn. = **B. dregei**

suffruticosa Meisn. var. *gueinziana* A.DC. = **B. sutherlandii** subsp. **sutherlandii**

sutherlandii Hook.f. subsp. **sutherlandii**

- B. buttonii* Irmsch (5)
B. dissecta Irmsch (5)
B. suffruticosa Meisn. var. *gueinziana* A.DC. (5)

Perennial. Herb. Ht 0.01–1 m. Alt 200–2800 m. LIM, M, S, FS, KZN, L, EC

BIGNONIACEAE

Compiled by S.J. Smithies

BIGNONIA L.

7705000

africana Lam. = **Kigelia africana**

capensis Thunb. = **Tecoma capensis**

unguis-cati L. = **Macfadyena unguis-cati**

CATOPHRACTES D.Don

7723000

- (1) Sprague. 1904. *FC* 4,2: 453.
 (2) Verdoorn. 1949. *The Flowering Plants of Africa* 27: t. 1060.
 (3) Diniz. 1988. *FZ* 8,3: 70–72, t. 12.

alexandri D.Don

C. welwitschii Seem. (1)
 Perennial. Shrub or small tree. Ht 0.9–2(–4) m. Alt 530–2000 m. N, B, LIM, NC

welwitschii Seem. = **C. alexandri**

DOLICHANDRONE Cham.

7712000

obtusifolia Baker, as '*Dolichandra*' = **Markhamia obtusifolia**

DOXANTHA Miers

7670000

unguis-cati (L.) Miers emended Rehder = **Macfadyena unguis-cati**

GELSEMINUM Kuntze

7714000

capense (Thunb.) Kuntze = **Tecoma capensis**

***JACARANDA** Juss.

7725000

- (1) Bailey & Bailey. 1977. *Hortus third*: 610.
 (2) Gentry & Morawetz. 1992. In Gentry, *Flora neotropica*, Monograph 25,II: 51–104.
 (3) Henderson. 2001. *Alien weeds and invasive plants*: 224.

mimosifolia D.Don

J. ovalifolia R.Br. (1)
 Perennial. Tree. Ht up to 22 m. Alt 5–1800 m. LIM, NW, G, M, S, KZN, EC

ovalifolia R.Br. = **J. mimosifolia**

KIGELIA DC.

7761000

- (1) Phillips. 1935. *The Flowering Plants of South Africa* 15: t. 573.
 (2) Merxmüller & Schreiber. 1967. *FSWA* 128: 2, 3.
 (3) Diniz. 1988. *FZ* 8,3: 83–85, t. 18.

africana (Lam.) Benth.

Bignonia africana Lam. (2)
K. pinnata (Jacq.) DC. (2)
 Perennial. Tree. Ht 2–25 m. Alt 25–1070 m. N, B, LIM, G, M, S, KZN

pinnata (Jacq.) DC. = **K. africana**

***MACFADYENA** A.DC.

7706000

- (1) Gentry. 1973. *Annals of the Missouri Botanical Garden* 60: 870–876.
 (2) Henderson. 2001. *Alien weeds and invasive plants*: 62.

unguis-cati (L.) A.H.Gentry

Bignonia unguis-cati L. (1)
Doxantha unguis-cati (L.) Miers emended Rehder (1)
 Perennial. Climber. Ht? Alt 3–1800 m. LIM, G, M, S, KZN

MARKHAMIA Seem. ex Baill.

7744000

- (1) Merxmüller & Schreiber. 1967. *FSWA* 128: 3, 4.
 (2) Ross. 1978. *The Flowering Plants of Africa* 44: t. 1757.
 (3) Diniz. 1988. *FZ* 8,3: 72–77, t. 14A.
 (4) Diniz. 1993. *CFA* 122: 21–26.

acuminata (Klotzsch) K.Schum. = **M. zanzibarica**

obtusifolia (Baker) Sprague

Dolichandrone obtusifolia Baker, as '*Dolichandra*' (1)
 Perennial. Shrub or tree. Ht 0.6–15 m. Alt 910–945 m. N, B, LIM?

zanzibarica (Bojer ex DC.) K.Schum.

M. acuminata (Klotzsch) K.Schum. (3)
Spathodea acuminata Klotzsch (3)
Spathodea zanzibarica Bojer ex DC. (3)

Perennial. Shrub or tree. Ht ?–9 m. Alt 520–940 m. N, B, LIM, M

PANDOREA Spach 7716000

ricasoliana (Tanfani) Baillon = **Podranea ricasoliana**

PODRANEA Sprague 7716010

- (1) Sprague. 1904. *FC* 4,2: 449, 450.
(2) Verdoorn. 1961. *The Flowering Plants of Africa* 34: t. 1347.

ricasoliana (Tanfani) Sprague

Pandorea ricasoliana (Tanfani) Baillon (1)
Tecoma ricasoliana Tanfani (1)

Perennial. Scrambler, occ. shrub. Ht? Alt 6–240 m. KZN, EC

RHIGOZUM Burch. 7722000

- (1) Sprague. 1904. *FC* 4,2: 450–453.
(2) Sprague. 1906. *FTA* 4,2: 530–532.
(3) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 381.
(4) Merxmüller & Schreiber. 1967. *FSWA* 128: 4, 5.
(5) Giess. 1968. *Dinteria* 1: 31–51.
(6) Diniz. 1988. *FZ* 8,3: 67–70.

brevispinosum Kuntze

R. linifolium S.Moore (2)
R. spinosum Burch. ex Sprague (2)

Perennial. Shrub. Ht 0.6–4 m. Alt 60–1400 m. N, B, LIM, NW, M, NC

linifolium S.Moore = **R. brevispinosum**

obovatum Burch.

Perennial. Shrub or small tree. Ht 0.7–4.5 m. Alt 200–1980 m. N, LIM, M, FS, NC, WC, EC

spinosum Burch. ex Sprague = **R. brevispinosum**

trichotomum Burch.

Perennial. Shrub. Ht 0.6–2(–4) m. Alt 600–1600 m. N, B, FS, NC, WC, EC

virgatum Merxm. & A.Schreib.

Perennial. Shrub. Ht up to 3 m. Alt ± 1200 m. N

zambesiicum Baker

Perennial. Shrub or small tree. Ht 1.2–7 m. Alt 30–790 m. B, LIM, M, S, KZN

SPATHODEA P.Beauv. 7742000

acuminata Klotzsch = **Markhamia zanzibarica**

zanzibarica Bojer ex DC. = **Markhamia zanzibarica**

TECOMA Juss. 7733000

- (1) Gentry. 1992. *Flora neotropica*, Monograph. 25,II: 273–293.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 373.
(3) Henderson. 2001. *Alien weeds and invasive plants*: 215.

capensis (Thunb.) Lindl.

Bignonia capensis Thunb. (1)
Gelsemium capense (Thunb.) Kuntze (1)
Tecomaria capensis (Thunb.) Spach (1)
Tecomaria krebsii Klotzsch (1)
Tecomaria petersii Klotzsch (1)

Perennial. Shrub, scrambler or small tree. Ht 0.5–7.5(–10) m. Alt 15–1645 m. LIM, M, S, KZN, WC?, EC

ricasoliana Tanfani = **Podranea ricasoliana**

***stans** (L.) Juss. ex Humb., Bonpl. & Kunth var. **stans**

Perennial. Shrub or small tree. Ht 2–4(–6) m. Alt 3–1670 m. LIM, NW, G, M, S, KZN, EC

TECOMARIA (Endl.) Spach 7713000

Note: the sinking of *Tecomaria* under *Tecoma* is questionable and a close study of the two genera is needed. Recent authors vary in their use of the two names.

- (1) Sprague. 1904. *FC* 4, 2: 448, 449.
(2) Phillips. 1943. *The Flowering Plants of South Africa* 23: t. 903.
(3) Diniz. 1988. *FZ* 8,3: 64–67.
(4) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 461.
(5) Van Wyk & Van Wyk. 1997. *Field guide to trees of southern Africa*: 416.

capensis (Thunb.) Spach = **Tecoma capensis**

krebsii Klotzsch = **Tecoma capensis**

petersii Klotzsch = **Tecoma capensis**

BOMBACACEAE

Compiled by M. Jordaan

ADANSONIA L. 5023000

- (1) Willd. 1961. *FZ* 1: 512, 513.
(2) Killick. 1988. *The Flowering Plants of Africa* 50: t. 1967.

digitata L.

Perennial. Tree. Ht 3–18 m. Alt 100–1060 m. N, B, LIM

BORAGINACEAE

Compiled by E. Retief

AFROTYSONIA Rauschert 7072010

- (1) Mill. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 467–475.
(2) Pooley. 1998. *A field guide to wild flowers of KwaZulu-Natal and the eastern region*: 180, 181.

africana (Bolus) Rauschert

Tysonia africana Bolus (1)
Perennial. Herb. Ht 0.91–1.42 m. Alt ± 1300 m. KZN

glochidiata (R.R.Mill) R.R.Mill

Tysonia glochidiata R.R.Mill (1)
Perennial. Herb. Ht 0.7–1.5 m. Alt 1600–2400 m. KZN, EC

***AMSINCKIA** Lehm. 7082000

- (1) Chater. 1972. *Flora europaea* 3: 110.
(2) Retief & Herman. 1997. *Strelitzia* 6: 350.

- (3) Retief. 2000. *Strelitzia* 9: 374.
 (4) Retief & Van Wyk. 2001. *South African Journal of Botany* 67: 287–293.

angustifolia Lehm. = **A. calycina**

calycina (Moris) Chater

A. angustifolia Lehm. (1)

A. hispida I.M.Johnst. (1)

Perennial. Herb. Ht 0.15–0.3 m. Alt 600–1100 m. NC, WC

hispida I.M.Johnst. = **A. calycina**

menziesii (Lehm.) A.Nelson & J.F.Macbr., misapplied name (4)

retrorsa Suksd.

Annual. Herb. Ht 0.15–0.45 m. Alt 20–1569 m. NW, NC, WC, EC

ANCHUSA L. 7093000

- (1) De Candolle. 1846. *Prodromus* 10: 41–54.
 (2) Wright. 1904. *FC* 4: 16–18.
 (3) Chater. 1972. *Flora europaea* 3: 106–109.
 (4) Retief & Herman. 1997. *Strelitzia* 6: 350.
 (5) Retief. 2000. In Goldblatt & Manning, *Strelitzia* 9: 374.

***azurea** Mill.

A. italica Retz. (3)

Perennial. Herb. Ht 0.2–1.5 m. Alt ± 1220 m. NW, FS, WC, EC

capensis Thunb.

Perennial. Herb. Ht 0.2–1 m. Alt 60–3200 m. N, G, M, FS, L, NC, WC, EC

italica* Retz. = **A. azurea

riparia A.DC.

Perennial. Herb. Ht 0.3–1.5 m. Alt 170–1800 m. NW, FS, L, NC, WC, EC

BORAGINELLA Kuntze 7056030

africana (L.) Kuntze = **Trichodesma africanum**

angustifolium (Harv.) Kuntze = **Trichodesma angustifolium** subsp. **angustifolium**

BORRAGINOIDES Boehm. 7056040

aculeata (L.) Moench = **Trichodesma africanum**

africana (L.) Hiern = **Trichodesma africanum**

BORAGO L. 7091000

africana L. = **Trichodesma africanum**

zeylanica Burm. = **Trichodesma zeylanicum**

***BUGLOSSOIDES** Moench 7109010

- (1) Fernandes. 1972. *Flora europaea* 3: 87, 88.
 (2) Retief & Herman. 1997. *Strelitzia* 6: 350.
 (3) Retief & Van Wyk. 2002. *Bothalia* 32: 9–13.

arvensis (L.) I.M.Johnst.

Lithospermum arvense L. (1)

Lithospermum incrassatum Guss. (1)

Annual. Herb. Ht up to 0.6 m. Alt 30–1920 m. NW, G, FS, L, NC, WC, EC

CODON L. 7032000

- (1) Friedrich-Holzhammer. 1967. *FSWA* 118: 1, 2.
 (2) Ferguson. 1999. *Systematic Botany* 23: 253–268.
 (3) Retief. 2000. In Goldblatt & Manning, *Strelitzia* 9: 374.

luteum Marloth & Engl. = **C. schenckii**

royenii L.

Annual or shortly perennial. Herb. Ht 0.15–0.45 m. Alt 245–2000 m. N, NC

schenckii Schinz

C. luteum Marloth & Engl. (1)

Annual or shortly perennial. Shrub, herb. Ht up to 1.5 m. Alt 400–1850 m. N, NC

COLDENIA L. 7046000

(1) Martins. 1990. *FZ* 7,4: 79–81.

(2) Verdcourt. 1991. *FTEA Boraginaceae*: 44–46.

angolensis Welw. = **C. procumbens**

procumbens L.

C. angolensis Welw. (2)

Lobophyllum tetrandrum F.Muell. (2)

Annual. Herb, procumbent. Length up to 0.4 m. Alt ± 400 m. LIM, M

CORDIA L. 7038000

(1) De Candolle. 1845. *Prodromus* 9: 479.

(2) Wright. 1904. *FC* 4: 4.

(3) Obermeyer. 1937. *Annals of the Transvaal Museum* 17: 219, 220.

(4) Hutchinson. 1946. *A botanist in southern Africa*: 315.

(5) Taton. 1971. *Flore du Congo du Rwanda et du Burundi Boraginaceae*: 3–19.

(6) Glen. 1984. *The Flowering Plants of Africa* 48: t. 1890.

(7) Verdcourt. 1989. *Kew Bulletin* 44: 166.

(8) Martins. 1990. *FZ* 7,4: 60–72.

(9) Verdcourt. 1991. *FTEA Boraginaceae*: 3–33.

(10) Retief & Herman. 1997. *Strelitzia* 6: 351.

(11) Van Wyk & Van Wyk. 1997. *Field guide to trees of southern Africa*: 134–137.

(12) Retief. In prep. *Contributions towards the systematics of southern African Boraginaceae*. Unpublished Ph.D. thesis, University of Pretoria, Pretoria.

abyssinica R.Br. = **C. africana**

africana Lam.

C. abyssinica R.Br. (12)

Perennial. Tree. Ht 10–24 m. Alt 730–745 m. LIM

caffra Sond.

Perennial. Tree, shrub. Ht 2–10 m. Alt 5–1065 m. LIM, M, S, KZN, EC

grandicalyx Oberm.

Perennial. Tree, shrub. Ht 2.5–7 m. Alt 379–1850 m. N, B, LIM

monoica Roxb., misapplied name (12)

ovalis R.Br. ex A.DC.

Perennial. Tree, shrub. Ht 1–5 m. Alt 200–830 m. LIM, M, S

pilosissima Baker

Perennial. Tree, shrub. Ht 4–10 m. Alt ± 915 m. B

quercifolia Klotzsch

Perennial. Tree. Ht 1–5 m. Alt 130–700 m. LIM, M, KZN

rogersii Hutch. (insufficiently known)

sinensis Lam.

Perennial. Tree, shrub. Ht 1.5–3 m. Alt 250–1000 m. N, LIM, M

CYNOGLOSSUM L. 7064000

(1) Brand. 1921. *Das Pflanzenreich* 78,IV,252: 114–153.

(2) Hilliard & Burt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37: 287, 288.

(3) Hilliard & Burt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 345–350.

- (4) Martins. 1990. *FZ* 7,4: 102–108.
 (5) Verdcourt. 1991. *FTEA* Boraginaceae: 102–117.
 (6) Retief & Van Wyk. 1996. *South African Journal of Botany* 62: 169–172.
 (7) Retief & Herman. 1997. *Strelitzia* 6: 351.
 (8) Retief. 2000. In Goldblatt & Manning, *Strelitzia* 9: 374, 375.

alticola Hilliard & B.L.Burt
 Perennial. Herb. Ht 0.5–0.6 m. Alt 2500–2866 m.
 KZN, L, EC

***amabile** Stapf & J.R.Drumm.
 Perennial. Herb. Ht ± 0.6 m. Alt ± 1300 m. KZN

austroafricanum Hilliard & B.L.Burt
C. austroafricanum Weim., naked name (3)
 Annual, occ. perennial. Herb. Ht 0.3–1 m. Alt 1492–
 3000 m. NW, G, M, S, FS, KZN, L, NC, EC

austroafricanum Weim., naked name = **C. austroafricanum**

basuticum Weim. ex Jacot Guill. = **C. spelaeum**

enerve Turcz. = **C. hispidum**

geometricum Baker & C.H.Wright
C. lanceolatum Forssk. subsp. *geometricum* (Baker & C.H.Wright)
 Brand (3)
 Annual, occ. perennial. Herb. Ht 0.6–1.6 m. Alt ± 1828
 m. LIM, KZN

hispidum Thunb.
C. enerve Turcz. (1)
 Biennial. Herb. Ht 0.3–0.6 m. Alt 15–2685 m. LIM,
 NW, G, M, S, FS, KZN, L, WC, EC

lanceolatum Forssk.
C. micranthum Desf. (1)
 Biennial. Herb. Ht 0.3–1.2 m. Alt 5–2750 m. LIM,
 NW, G, M, S, FS, KZN, L, WC, EC

lanceolatum Forssk. subsp. *geometricum* (Baker &
 C.H.Wright) Brand = **C. geometricum**

micranthum Desf. = **C. lanceolatum**

obtusicalyx Retief & A.E.van Wyk
 Perennial. Herb. Ht 0.3–0.4 m. Alt 975–1676 m. NC,
 WC

spelaeum Hilliard & B.L.Burt
C. basuticum Weim. ex Jacot Guill. (2)
 Perennial. Herb. Ht up to 1 m. Alt 1800–2600 m. FS,
 KZN, L, EC

ECHINOSPERMUM Sw. ex Lehm. 7073010

capense A.DC. = **Lappula capensis**

cynoglossoides Lam. = **Lappula cynoglossoides**

ECHIOSTACHYS Levyns 7117010

- (1) Levyns. 1934. *Journal of the Linnean Society, Botany* 49: 445–
 451.
 (2) Retief. 2000. In Goldblatt & Manning, *Strelitzia* 9: 375.

ecklonianus (H.Buek) Levyns
Echium galpinii (C.H.Wright) I.M.Johnst. (1)
Lobostemon ecklonianus H.Buek (1)
 Perennial. Herb. Ht 0.15–0.36 m. Alt ± 60 m. WC

incanus (Thunb.) Levyns
Echium incanum Thunb. (1)
Lobostemon spicatus H.Buek (1)
Lobostemon splendens H.Buek (1)
 Perennial. Herb. Ht 0.15–0.4 m. Alt ± 100 m. WC

spicatus (Burm.f.) Levyns
Echium spicatum Burm.f. (1)
Lobostemon alopecuroideus C.H.Wright (1)

Lobostemon caudatus H.Buek (1)
Lobostemon eriostachyus H.Buek (1)
Lobostemon latifolius H.Buek (1)
 Perennial. Herb. Ht ± 0.4 m. Alt 91–120 m. WC

***ECHIUM** L. 7118000

- (1) Levyns. 1934. *Journal of the Linnean Society, Botany* 49: 393–445.
 (2) Bramwell. 1972. *Lagascalia* 2: 37–115.
 (3) Gibbs. 1972. *Flora europaea* 3: 97–100.
 (4) Retief & Herman. 1997. *Strelitzia* 6: 351.
 (5) Retief. 2000. In Goldblatt & Manning, *Strelitzia* 9: 375.
 (6) Willis & Smith. 2002. *Aloe* 39: 15–22.

angustifolium Thunb. = **Lobostemon glaucophyllus**

argenteum P.J.Bergius = **Lobostemon argenteus**

buekii I.M.Johnst. = **Lobostemon echioides**

capitatum L. = **Lobostemon capitatum**

capitifolium (A.DC.) I.M.Johnst. = **Lobostemon capitatum**

cephaloideum (A.DC.) I.M.Johnst. = **Lobostemon capitatum**

curvifolium (H.Buek) I.M.Johnst. = **Lobostemon curvifolium**

diversifolium (H.Buek) I.M.Johnst. = **Lobostemon echioides**

echioides (Lehm.) I.M.Johnst. = **Lobostemon echioides**

falcatum Lam. = **Lobostemon glaucophyllus**

fastigiatum (H.Buek) I.M.Johnst. = **Lobostemon echioides**

ferocissimum Andr. = **Lobostemon argenteus**

ferox Pers. = **Lobostemon argenteus**

formosum Pers. = **Lobostemon regulareflorus**

fruticosum L. var. *fruticosum* = **Lobostemon fruticosus**

fruticosum L. var. *major* Lehm. = **Lobostemon fruticosus**

fruticosum L. var. *minor* Curtis = **Lobostemon fruticosus**

galpinii (C.H.Wright) I.M.Johnst. = **Echiostachys ecklonianus**

glaber Thunb. = **Lobostemon glaucophyllus**

glabrum Vahl = **Lobostemon glaber**

glaucophyllum Jacq. = **Lobostemon glaucophyllus**

grandiflorum Andrews = **Lobostemon regulareflorus**

hispidum Burm. = **Lobostemon capitatum**

hispidum Thunb. = **Lobostemon glaber**

incanum Thunb. = **Echiostachys incanum**

laevigatum L. = **Lobostemon laevigatus**

laevigatum Lam. = **Lobostemon glaucophyllus**

lucidum Lehm. = **Lobostemon lucidum**

lycopsis L. = **Echium plantagineum**

microphyllum (H.Buek) I.M.Johnst. = **Lobostemon echioides**

montanum (H.Buek) A.DC. = **Lobostemon montanum**

nitidum (Bolus) I.M.Johnst. = **Lobostemon echioides**

obovatum (A.DC.) I.M.Johnst. = **Lobostemon fruticosus**

obtusifolium I.M.Johnst. = **Lobostemon trigonus**

oederaefolium (A.DC.) I.M.Johnst. = **Lobostemon oederaefolium**

paniculatum Thunb. = **Lobostemon paniculatus**

paniculiforme I.M.Johnst. = **Lobostemon paniculiformis**

pilicaule (C.H.Wright) I.M.Johnst. = **Lobostemon argenteus**

plantagineum L.

E. lycopsis L. (3)

E. violaceum L. (3)

Biennial. Herb. Ht 0.2–0.6 m. Alt 70–2300 m. M, FS, KZN, L, WC, EC

pubiflorum (C.H.Wright) I.M.Johnst. = **Lobostemon echioides**

regulareflorum Ker Gawl. = **Lobostemon regulateflorus**

sanguineum (Schltr.) I.M.Johnst. = **Lobostemon sanguineus**

scabrum Lehm. = **Lobostemon strigosus**

scabrum Thunb. = **Lobostemon fruticosus**

schlechteri I.M.Johnst. = **Lobostemon collinus**

simplex L.

Perennial. Herb. Ht ± 2 m. Alt ± 30 m. WC

spicatum Burm.f. = **Echiostachys spicatus**

sphaerocephalum Vahl = **Lobostemon capitatus**

sprengelianum (H.Buek) A.DC. = **Lobostemon montanus**

stachydeum (A.DC.) I.M.Johnst. = **Lobostemon stachydeus**

strigosum Lehm. = **Lobostemon strigosus**

swartzii Lehm. = **Lobostemon glaber**

trichotomum Thunb. = **Lobostemon trichotomus**

trigonum Thunb. = **Lobostemon trigonus**

tubiferum Poir. = **Lobostemon regulateflorus**

vahlia Roem. & Schult. = **Lobostemon glaber**

verrucosum Thunb. = **Lobostemon trichotomus**

violaceum L. = **Echium plantagineum**

virgatum (H.Buek) I.M.Johnst. = **Lobostemon echioides**

vulgare L.

Perennial. Herb. Ht 0.2–0.9 m. Alt 1370–2439 m. M, FS, L, EC

wurmbii (A.DC.) I.M.Johnst. = **Lobostemon trichotomus**

EHRETIA P.Browne 7043000

(1) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 353.

(2) Friedrich-Holzhammer. 1967. *FSWA* 119: 1–10.

(3) Martins. 1990. *FZ* 7,4: 75–79.

(4) Verdcourt. 1991. *FTEA* Boraginaceae: 33–40.

(5) Retief & Herman. 1997. *Strelitzia* 6: 351, 352.

(6) Retief & Van Wyk. 2001. *Bothalia* 31: 9–23.

alba Retief & A.E.van Wyk

Perennial. Shrub. Ht up to 4 m. Alt 997–1800 m. N, B, NW, FS, NC

amoena Klotzsch

E. goetzei Gürke (6)

E. mossambicensis Klotzsch (6)

E. stuhlmannii Gürke (6)

Perennial. Tree, shrub. Ht up to 5 m. Alt 30–1600 m. LIM, M, S, KZN

coerulea Gürke

E. coerulea Gürke var. *glandulosa* Suess. (6)

Perennial. Shrub, tree. Ht up to 8 m. Alt ± 1000 m. N, B

coerulea Gürke var. *glandulosa* Suess. = **E. coerulea**

fischeri Gürke = **E. obtusifolia**

goetzei Gürke = **E. amoena**

hottentotica Burch. = **E. rigida** subsp. **rigida**

mossambicensis Klotzsch = **E. amoena**

namibiensis Retief & A.E.van Wyk subsp. **kaokoensis**

Retief & A.E.van Wyk

Perennial. Shrub. Ht up to 4 m. Alt ± 1000 m. N

namibiensis Retief & A.E.van Wyk subsp. **namibiensis**

Retief & A.E.van Wyk

Perennial. Shrub. Ht up to 3 m. Alt 900–1752 m. N, B

obtusifolia Hochst. ex A.DC.

E. fischeri Gürke (6)

Perennial. Suffrutex, shrub or small tree. Ht up to 3 m.

Alt 30–1400 m. LIM, G, M, S, KZN

rigida (Thunb.) Druce subsp. **nervifolia** Retief & A.E.van Wyk

Perennial. Shrub. Ht up to 5 m. Alt 25–1700 m. B,

LIM, NW, G, M, S, FS, KZN, L

rigida (Thunb.) Druce subsp. **rigida**

Capraria rigida Thunb. (6)

E. hottentotica Burch. (6)

Freylinia rigida (Thunb.) G.Don (6)

Perennial. Shrub, tree. Ht up to 4 m. Alt 150–1400 m.

NC, WC, EC

rigida (Thunb.) Druce subsp. **sylvatica** Retief & A.E.van Wyk

Perennial. Shrub, tree. Ht up to 12 m. Alt 150–500 m.

KZN, EC

stuhlmannii Gürke = **E. amoena**

FRIEDRICHSTHALIA Fenzl 7056020

physaloides Fenzl = **Trichodesma physaloides**

HELIOPHYTUM Cham. 7052010

lineare A.DC. = **Heliotropium lineare**

HELIOTROPIUM L. 7052000

(1) Wright. 1904. *FC* 4, 2: 7–10.

(2) Friedrich-Holzhammer. 1967. *FSWA* 119: 1–10.

(3) Hilliard & Burt. 1970. *Notes from the Royal Botanic Garden Edinburgh* 30: 113–118.

(4) Taton. 1971. *Flore du Congo du Rwanda et du Burundi* Boraginaceae: 28–36.

(5) Verdcourt. 1989. *Kew Bulletin* 44: 166.

(6) Martins. 1990. *FZ* 7,4: 108–110.

(7) Verdcourt. 1991. *FTEA* Boraginaceae: 50–77.

(8) Retief & Herman. 1997. *Strelitzia* 6: 352, 353.

(9) Förther. 1998. *Sendtnera* 5: 35–241.

(10) Retief. 2000. In Goldblatt & Manning, *Strelitzia* 9: 375.

(11) Retief. In prep. *Contributions towards the systematics of southern African Boraginaceae*. Unpublished Ph.D. thesis, University of Pretoria, Pretoria.

albiflorum Engl.

H. erongense Dinter ex Friedr.-Holzh. (2)

Perennial. Herb. Ht up to 0.6 m. Alt ± 700 m. N

***amplexicaule** Vahl

Perennial. Herb, procumbent, decumbent, erect. Ht up to 0.5 m. Alt 5–1370 m. LIM, G, KZN, EC

baclei A.DC. var. **rostratum** Johnst.

H. katangense Gürke ex De Wild. (4)

Perennial. Herb, procumbent. Ht up to 0.4 m. Alt 379–915 m. N

burmanni Roem. & Schult. = **H. tubulosum**

capense Lehm. = **H. supinum**

ciliatum Kaplan

H. gibbosum Friedr.-Holzh. (3)

H. pustulatum Kaplan (3)

Tournefortia tuberculosa Cham. (3)

Perennial. Herb. Ht 0.2–0.8 m. Alt 62–1740 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

constrictum Kaplan = **H. strigosum**

***curassavicum** L.

Perennial, occ. annual. Herb, succulent, procumbent.

Ht 0.06–0.15 m. Alt 2–1667 m. N, B, LIM, NW,

G, M, FS, KZN, NC, WC, EC

dissimile N.E.Br. = **H. nelsonii**

erectum Friedr.-Holzh. = **H. giessii**

erongense Dinter ex Friedr.-Holzh. = **H. albiflorum**

gibbosum Friedr.-Holzh. = **H. ciliatum**

***europaeum** L.

Perennial. Herb. Ht ± 0.3 m. Alt ± 215 m. WC

giessii Friedr.-Holzh.

H. erectum Friedr.-Holzh. (2)

Perennial. Herb. Ht 0.4–1 m. Alt 275–1200 m. N, B, LIM, M

hereroense Schinz

H. pseudostrigosum Dinter (2)

Perennial. Shrub. Ht 0.3–1 m. Alt 168–1850 m. N, LIM, NC

inconspicuum Dinter ex Vaupel = **H. zeylanicum**

***indicum** L.

Annual, occ. perennial. Herb. Ht ± 1.5 m. Alt 20–915

m. N, B, LIM, KZN

katangense Gürke ex De Wild. = **H. baclei** var. **rostratum**

kuntzei Gürke = **H. lineare**

lineare (A.DC.) Gürke

Heliophyllum lineare A.DC. (2)

H. kuntzei Gürke (2)

Perennial. Herb. Ht 0.3–0.45 m. Alt 320–1390 m. N, B, LIM, NW, M, FS, L, NC

marifolium Retz., misapplied name

nelsonii C.H. Wright

H. dissimile N.E.Br. (3)

H. rogersii Kaplan (3)

Perennial. Herb. Ht 0.6–0.9 m. Alt 70–1525 m. N, B, LIM, NW, G, M, S, KZN, NC

oliveranum Schinz

Perennial. Herb. Ht up to 0.45 m. Alt 100–795 m. N

ovalifolium Forssk.

Annual, occ. perennial. Herb. Ht up to 0.6 m. Alt 5–1525 m. N, B, LIM, NW, M, S, KZN, NC, WC, EC

pseudostrigosum Dinter = **H. hereroense**

pustulatum Kaplan = **H. ciliatum**

rogersii Kaplan = **H. nelsonii**

steudneri Vatke, misapplied name (11)

strigosum Willd.

H. constrictum Kaplan (3)

Annual, occ. perennial. Herb. Ht 0.15–0.35 m. Alt 30–1560 m. N, B, NW, LIM, G, M, S, KZN

subulatum (Hochst. ex A.DC.) Vatke = **H. zeylanicum**

***supinum** L.

H. capense Lehm. (9)

Annual. Herb, procumbent. Ht? Alt 3–1220 m. N, B, LIM, NC, WC, EC

tubulosum E.Mey. ex A.DC.

H. burmannii Roem. & Schult. (9)

Perennial. Herb. Ht 0.15–0.35 m. Alt 100–1400 m. N, NC

zeylanicum (Burm.f.) Lam.

H. inconspicuum Dinter ex Vaupel (5)

H. subulatum (Hochst. ex A.DC.) Vatke (5)

Tournefortia subulata Hochst. ex A.DC. (5)

Perennial. Herb. Ht 0.3–0.6 m. Alt 275–940 m. N, B, LIM, M

LAPPULA Moench

7073000

(1) Gürke 1896. *Die natürlichen Pflanzenfamilien* 4, 3a: 106, 107.

(2) Brand. 1922. *Feddes Repertorium* 18: 312.

(3) Hilliard & Burt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37: 288, 289.

(4) Retief & Herman. 1997. *Strelitzia* 6: 353.

(5) Riedl. 1996. *Annalen des Naturhistorischen Museums in Wien, Supplement* 98B: 79–86.

(6) Retief. In prep. *Contributions towards the systematics of southern African Boraginaceae*. Unpublished Ph.D. thesis, University of Pretoria, Pretoria.

capensis (A.DC.) Gürke

Echinosperrum capense A.DC. (1)

Echinosperrum cynoglossoides Lam. (6)

L. cynoglossoides (Lam.) Gürke (6)

L. eckloniana Brand (6)

Annual. Herb. Ht 0.01–0.2 m. Alt 155–1640 m. FS, L, NC, WC, EC

cynoglossoides (Lam.) Gürke = **L. capensis**

***echinata** Gilib. = **L. heteracantha**

eckloniana Brand = **L. capensis**

***heteracantha** Ledeb.

L. echinata Gilib. (3)

L. squarrosa (L.) Dumort. subsp. *heteracantha* (Ledeb.) Chater (3)

Perennial. Herb. Ht up to 0.6 m. Alt 155–2795 m. NW, G, FS, KZN, L, NC, EC

***squarrosa** (L.) Dumort. subsp. *heteracantha* (Ledeb.)

Chater = **L. heteracantha**

LEIOCARYA Hochst.

7056050

kotschyana Hochst. = **Trichodesma zeylanicum**

LITHOSPERMUM L.

7109000

(1) Wright. 1904. *FC* 4,2: 20–24.

(2) Taton. 1971. *Flore du Congo du Rwanda et du Burundi Boraginaceae*: 56–58.

(3) Martins. 1990. *FZ* 7,4: 108–110.

(4) Verdcourt. 1991. *FTEA Boraginaceae*: 77–79.

(5) Retief & Herman. 1997. *Strelitzia* 6: 353.

(6) Retief. In prep. *Contributions towards the systematics of southern African Boraginaceae*. Unpublished Ph.D. thesis, University of Pretoria, Pretoria.

affine A.DC.

Perennial. Herb. Ht 0.3–0.4 m. Alt 1600–2000 m. EC

afromontanum Weim.

L. officinale of author, not of L., concept invalid (3)

Perennial. Shrub, herb. Ht 0.5–1.8 m. Alt 1300–2130 m. M, S, KZN, L

arvense L. = **Buglossoides arvensis**

cinereum A.DC.

L. inornatum A.DC. (6)

Perennial. Herb. Ht 0.1–0.3 m. Alt 1020–2300 m. N, NW, FS, KZN, L, EC

diversifolium A.DC.

Perennial. Herb. Ht ± 0.3 m. Alt 1800–2000 m. L, EC

flexuosum Lehm. (insufficiently known)

hirsutum E.Mey. ex A.DC.

Perennial. Herb. Ht 0.3–0.4 m. Alt ± 1500 m. FS, NC

incrassatum Guss. = **Buglossoides arvensis**

inornatum A.DC. = **L. cinereum**

officinale* of author, not of L., concept invalid = **L. afromontanum

papillosum Thunb.

Perennial. Herb. Ht 0.15–0.3 m. Alt 700–2800 m. M, S, KZN, L, WC, EC

scabrum Thunb.

Perennial. Herb. Ht 0.25–0.4 m. Alt 570–2000 m. FS, NC, EC

LOBOPHYLLUM F.Muell. 7046010

tetrandrum F.Muell. = **Coldenia procumbens**

LOBOSTEMON Lehm. 7117000

- (1) Buek. 1837. *Linnaea* 11: 129–149.
- (2) Levyns. 1934. *Kew Bulletin* 1934: 101.
- (3) Levyns. 1934. *Journal of the Linnean Society, Botany* 49: 393–451.
- (4) Buys & Van der Walt. 1994. *Bothalia* 24: 170.
- (5) Buys & Van der Walt. 1996. *South African Journal of Botany* 62: 31–35.
- (6) Buys. 1997. *A systematic revision of Lobostemon (Boraginaceae)*. Unpublished Ph.D. thesis, University of Stellenbosch, Stellenbosch.
- (7) Buys & Van der Walt. 1999. *South African Journal of Botany* 65: 144–148.

alopeuroideus C.H.Wright = **Echiostachys spicatus**

argenteus (P.J.Bergius) H.Buek

- Echium argenteum* P.J.Bergius (3)
Echium ferocissimum Andr. (6)
Echium ferox Pers. (6)
Echium pilicaule (C.H.Wright) I.M.Johnst. (3)
L. ferocissimus (Andr.) A.DC. (6)
L. montanus H.Buek var. *minor* C.H.Wright (6)
L. pilicaulis C.H.Wright (6)
L. zeyheri H.Buek (3)

Perennial. Shrub. Ht 0.3–0.9 m. Alt 30–1065 m. NC, WC, EC

belliformis M.H.Buys

Perennial. Shrub. Ht 1–1.5 m. Alt ± 130 m. WC

bolusii Levyns = **L. capitatus**

breviflorus A.DC. = **L. trichotomus**

capitatus (L.) H.Buek

- Echium capitatum* L. (3)
Echium capitiforme (A.DC.) I.M.Johnst. (3)
Echium cephaloideum (A.DC.) I.M.Johnst. (3)
Echium hispidum Burm. (6)
Echium sphaerocephalum Vahl (6)
L. bolusii Levyns (6)
L. capitiformis A.DC. (6)
L. cephaloideus A.DC. (6)
L. inconspicuus Levyns (6)
L. sphaerocephalus (Vahl) H.Buek (3)

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt ± 120 m. WC

capitiformis A.DC. = **L. capitatus**

caudatus H.Buek = **Echiostachys spicatus**

cephaloideus A.DC. = **L. capitatus**

collinus Schltr. ex C.H.Wright

Echium schlechteri I.M.Johnst. (3)
 Perennial. Shrub. Ht 0.2–0.4 m. Alt ± 25 m. WC

curvifolius H.Buek

Echium curvifolium (H.Buek) I.M.Johnst. (3)
L. magnisepalum N.E.Br. (3)
 Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 30–1830 m. WC

daltonii M.H.Buys

Perennial. Shrub. Ht 0.6–1 m. Alt 200–400 m. WC

decorus Levyns

Perennial. Shrub. Ht 0.6–1 m. Alt 533–1525 m. WC

diversifolius H.Buek = **L. echioides**

dregei A.DC. = **L. glaucophyllus**

echioides Lehm.

- Echium buekii* I.M.Johnst. (3)
Echium diversifolium (H.Buek) I.M.Johnst. (3)
Echium echioides (Lehm.) I.M.Johnst. (3)
Echium fastigiatum (H.Buek) I.M.Johnst. (3)
Echium microphyllum (H.Buek) I.M.Johnst. (3)
Echium nitidum (Bolus) I.M.Johnst. (3)
Echium pubiflorum (C.H.Wright) I.M.Johnst. (3)
Echium virgatum (H.Buek) I.M.Johnst. (3)
L. diversifolius H.Buek (6)
L. elongatus H.Buek (3)
L. fastigiatus H.Buek (6)
L. lehmannianus H.Buek (6)
L. microphyllum H.Buek (6)
L. nitidus C.H.Wright (6)
L. pubiflorus C.H.Wright (6)
L. virgatus H.Buek (6)

Perennial. Shrub. Ht 0.2–0.8 m. Alt 123–1370 m. NC, WC, EC

ecklonianus H.Buek = **Echiostachys ecklonianus**

elongatus H.Buek = **L. echioides**

eristachyus H.Buek = **Echiostachys spicatus**

falcatus Druce = **L. glaucophyllus**

fastigiatus H.Buek = **L. echioides**

ferocissimus A.DC. var. *albicalyx* C.H.Wright = **L. stachydeus**

ferocissimus (Andr.) A.DC. = **L. argenteus**

formosus (Pers.) H.Buek = **L. regulareflorus**

fruticosus (L.) H.Buek

- Echium fruticosum* L. var. *fruticosum* (6)
Echium fruticosum L. var. *major* Lehm. (6)
Echium fruticosum L. var. *minor* Curtis (6)
Echium obovatum (A.DC.) I.M.Johnst. (3)
Echium scabrum Thunb. (6)
L. fruticosus (L.) H.Buek var. *bergianus* A.DC. (6)
L. fruticosus (L.) H.Buek var. *fruticosus* (6)
L. lasiophyllus A.DC. (3)
L. obovatus A.DC. (6)
L. scaber (Thunb.) A.DC. (6)

Perennial. Shrub. Ht 0.5–0.8 m. Alt 30–1372 m. WC

fruticosus (L.) H.Buek var. *bergianus* A.DC. = **L. fruticosus**

fruticosus (L.) H.Buek var. *fruticosus* = **L. fruticosus**

glaber (Thunb.) A.DC. = **L. glaucophyllus**

glaber (Vahl) H.Buek

- Echium glabrum* Vahl (6)
Echium hispidum Thunb. (6)
Echium swartzii Lehm. (6)
Echium vahlilii Roem. & Schult. (6)
L. hispidum (Thunb.) A.DC. (6)

- Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 160–1160 m. WC
- glaucophyllus** (Jacq.) H.Buek
Echium angustifolium Thunb. (6)
Echium falcatum Lam. (6)
Echium glaber Thunb. (6)
Echium glaucophyllum Jacq. (3)
Echium laevigatum Lam. (6)
L. dregei A.DC. (6)
L. falcatus Druce (3)
L. glaber (Thunb.) A.DC. (6)
L. swartzii (Lehm.) H.Buek (6)
 Perennial. Shrub. Ht 0.5–1 m. Alt 30–1660 m. NC, WC
- gracilis** Levyns
 Perennial. Shrub. Ht 0.3–1 m. Alt 170–250 m. WC
- grandiflorus** (Andrews) Levyns = **L. regulareflorus**
- hispidus** (Thunb.) A.DC. = **L. glaber**
- horridus** Levyns
 Perennial. Shrub. Ht ± 0.8 m. Alt ± 900 m. WC
- hottentoticus** Levyns
 Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 160–300 m. WC
- inconspicuus** Levyns = **L. capitatus**
- laevigatus** (L.) H.Buek
Echium laevigatum L. (1)
 Perennial. Shrub. Ht 0.6–1.4 m. Alt 155–1615 m. WC
- lasiophyllum** A.DC. = **L. fruticosus**
- latifolius** H.Buek = **Echiostachys spicatus**
- lehmannianus** H.Buek = **L. echioides**
- lucidus** (Lehm.) H.Buek
Echium lucidum Lehm. (3)
 Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 65–610 m. WC
- magnisepalum** N.E.Br. = **L. curvifolius**
- marlothii** Levyns
 Perennial. Shrub. Ht 0.6–1 m. Alt 945–1525 m. WC, EC
- microphyllum** H.Buek = **L. echioides**
- montanum** H.Buek
Echium montanum (H.Buek) A.DC. (3)
Echium sprengelianum (H.Buek) A.DC. (6)
L. sprengelianus H.Buek (6)
 Perennial. Shrub. Ht 0.8–1.5 m. Alt 30–1006 m. WC
- montanum** H.Buek var. *minor* C.H.Wright = **L. argenteus**
- muirii** Levyns
 Perennial. Shrub. Ht 0.6–1 m. Alt ± 1200 m. WC
- nitidus** C.H.Wright = **L. echioides**
- obovatus** A.DC. = **L. fruticosus**
- obtusifolius** A.DC. = **L. trigonus**
- oederiaefolius** A.DC.
Echium oederiaefolium (A.DC.) I.M.Johnst. (3)
 Perennial. Shrub. Ht 0.4–1 m. Alt 215–1280 m. WC
- paniculatus** (Thunb.) H.Buek
Echium paniculatum Thunb. (3)
 Perennial. Shrub. Ht 0.3–0.8 m. Alt 105–1650 m. WC
- paniculiformis** A.DC.
Echium paniculiforme I.M.Johnst. (3)
 Perennial. Shrub. Ht 0.45–1 m. Alt 61–230 m. WC
- pearsonii** Levyns
 Perennial. Shrub. Ht 0.6–1 m. Alt 25–759 m. NC, WC
- pilicaulis** C.W.Wright = **L. argenteus**
- pubiflorus** C.H.Wright = **L. echioides**
- regulareflorus** (Ker Gawl.) M.H.Buys
Echium formosum Pers. (4)
Echium grandiflorum Andrews (4)
Echium regulareflorum Ker Gawl. (6)
Echium tubiferum Poir. (6)
L. formosum (Pers.) H.Buek (6)
L. grandiflorum (Andrews) Levyns (4)
 Perennial. Shrub. Ht 1–1.5 m. Alt 1000–1700 m. WC
- sanguineus** Schltr.
Echium sanguineum (Schltr.) I.M.Johnst. (3)
 Perennial. Shrub. Ht 0.5–1.5 m. Alt 5–395 m. WC
- scaber** A.DC. = **L. trigonus**
- sphaerocephalus** (Vahl) H.Buek = **L. capitatus**
- spicatus** H.Buek = **Echiostachys incanus**
- splendens** H.Buek = **Echiostachys incanus**
- sprengelianus** H.Buek = **L. montanum**
- stachydeus** A.DC.
Echium stachydeum (A.DC.) I.M.Johnst. (3)
L. ferocissimus A.DC. var. *albicalyx* C.H.Wright (6)
 Perennial. Shrub. Ht 0.3–0.6 m. Alt 275–1676 m. NC, WC, EC
- strigosus** (Lehm.) H.Buek
Echium scabrum Lehm. (3)
Echium strigosum Lehm. (3)
 Perennial. Shrub. Ht 0.5–1 m. Alt 91–1240 m. WC
- swartzii** (Lehm.) H.Buek = **L. glaucophyllum**
- thunbergianus** H.Buek = **L. trigonus**
- thymeloideus** A.DC. var. *longifolius* A.DC. = **L. trichotomus**
- thymeloideus** A.DC. var. *setulosus* A.DC. = **L. trichotomus**
- thymeloideus** A.DC. var. *thymeloideus* = **L. trichotomus**
- trichotomus** (Thunb.) A.DC.
Echium trichotomum Thunb. (3)
Echium verrucosum Thunb. (6)
Echium wurmbii (A.DC.) I.M.Johnst. (6)
L. breviflorus A.DC. (6)
L. thymeloideus A.DC. var. *longifolius* A.DC. (6)
L. thymeloideus A.DC. var. *setulosus* A.DC. (6)
L. thymeloideus A.DC. var. *thymeloideus* (6)
L. verrucosum (Thunb.) H.Buek (3)
L. wurmbii A.DC. (6)
 Perennial. Shrub. Ht 0.4–0.9 m. Alt 30–1295 m. WC
- trigonum** (Thunb.) H.Buek
Echium obtusifolium I.M.Johnst. (3)
Echium trigonum Thunb. (3)
L. obtusifolius A.DC. (6)
L. scaber A.DC. (3)
L. thunbergianus H.Buek (6)
 Perennial. Shrub. Ht 0.5–0.7 m. Alt 5–970 m. WC, EC
- verrucosum** (Thunb.) H.Buek = **L. trichotomus**
- virgatus** H.Buek = **L. echioides**
- wurmbii** A.DC. = **L. trichotomus**
- zeyheri** H.Buek = **L. argenteus**

MYOSOTIS L.

7100000

- (1) Wright. 1904. *FC* 4: 18–20.
- (2) Grau & Merxmüller. 1972. *Flora europaea* 3: 111–117.
- (3) Retief & Herman. 1997. *Strelitzia* 6: 353.
- (4) Retief. In prep. *Contributions towards the systematics of southern African Boraginaceae*. Unpublished Ph.D. thesis, University of Pretoria, Pretoria.

afropalustris C.H.Wright

Perennial. Herb. Ht up to 0.5 m. Alt 1800–3200 m. FS, KZN, L, EC

***arvensis** (L.) Hill

M. intermedia Link (2)

Annual. Herb. Ht 0.15–0.2 m. Alt 60–300 m. WC, EC

***discolor** Pers.

M. versicolor (Pers.) Sm. (2)

Annual. Herb. Ht 0.05–0.25 m. Alt ± 50 m. WC

galpinii C.H.Wright

Perennial. Herb. Ht 0.5–0.7 m. Alt 1400–2000 m. M, KZN, EC

graminifolia A.DC.

Perennial. Herb. Ht 0.0.2–0.4 m. Alt 1700–2430 m. FS, KZN, L, EC

intermedia** Link = **M. arvensis*semiamplexicaulis** A.DC. (insufficiently known)***sylvatica** Hoffm.

Perennial. Herb. Ht 0.4–0.6 m. Alt 90–3475 m. LIM, M, S, FS, KZN, L, WC, EC

versicolor** (Pers.) Sm. = **M. discolor**PHACELIA** Juss. 7025000

(1) Brand. 1913. *Das Pflanzenreich* 59: 60–130.

artemisioides Griseb.

Annual. Herb, decumbent. Ht ± 0.15 m. Alt ± 1400 m. FS

***ROCHELIA** Rchb. 7124000

(1) Ferguson. 1972. *Flora europaea* 3: 110.

(2) Retief. In prep. *Contributions towards the systematics of southern African Boraginaceae*. Unpublished Ph.D. thesis, University of Pretoria, Pretoria.

disperma (L.f.) K.Koch

Cervia disperma (L.f.) Hayek (1)

Annual. Herb. Ht up to 0.2 m. Alt 800–1600 m. NC

TOURNEFORTIA L. 7051000

tuberculosa Cham. = **Heliotropium ciliatum**

subulata Hochst. ex A.DC. = **Heliotropium zeylanicum**

TRICHODESMA R.Br. 7056000

(1) Brand. 1921. *Das Pflanzenreich* 78, IV, 252: 19–44.

(2) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 351.

(3) Brummitt. 1990. *FZ* 7: 94–99.

(4) Verdcourt. 1991. *FTEA* Boraginaceae: 91–102.

(5) Retief & Herman. 1997. *Strelitzia* 6: 353, 354.

(6) Retief & Van Wyk. 2002. *Bothalia* 32: 151–166.

africanum (L.) Lehm.

Borago africana L. (6)

Boraginella africana (L.) Kuntze (6)

Boraginoides aculeata (L.) Moench (6)

Boraginoides africana (L.) Hiern (6)

Annual or biennial. Herb. Ht up to 1 m. Alt 70–1300 m. N, NC, WC, EC

ambacense Welw. subsp. **hockii** (De Wild.) Brummitt

T. hockii De Wild. (3)

T. ledermannii Vaupel (3)

T. tinctorium Brand (3)

T. verdickii Brand (3)

Perennial. Herb. Ht up to 0.5 m. Alt ± 1000 m. N, B

angustifolium Harv. subsp. **angustifolium**

Boraginella angustifolium (Harv.) Kuntze (6)

T. lanceolatum Schinz (6)

Perennial. Dwarf shrub, herb. Ht up to 1.2 m. Alt 170–2000 m. N, B, NW, LIM, G, M, KZN

angustifolium Harv. subsp. **argenteum** Retief & A.E.van Wyk

Perennial. Dwarf shrub, herb. Ht up to 0.5 m. Alt 1100–1200 m. N

arenicola Gürke, misapplied name (6)

droogmansianum De Wild. & T.Durand = **T. physaloides**

glabrescens Gürke = **T. physaloides**

hockii De Wild. = **T. ambacense** subsp. **hockii**

lanceolatum Schinz = **T. angustifolium** subsp. **angustifolium**

ledermannii Vaupel = **T. ambacense** subsp. **hockii**

physaloides (Fenzl) A.DC.

Friedrichsthalia physaloides Fenzl (3)

T. droogmansianum De Wild. & T.Durand (3)

T. glabrescens Gürke (3)

T. ringoetii De Wild. (3)

Perennial. Herb. Ht up to 0.5 m. Alt 610–1980 m. LIM, G, M, S, KZN

ringoetii De Wild. = **T. physaloides**

tinctorium Brand = **T. ambacense** subsp. **hockii**

verdickii Brand = **T. ambacense** subsp. **hockii**

zeylanicum (Burm.) R.Br.

Borago zeylanica Burm. (1)

Leiocarya kotschyana Hochst. (6)

Perennial. Herb. Ht 0.3–1.5 m. Alt 35–960 m. LIM, M, S, KZN

TYSONIA Bolus 7072000

africana Bolus = **Afrotysonia africana**

glochidiata R.R.Mill = **Afrotysonia glochidiata**

WELLSTEDIA Balf.f. 7131000

(1) Friedrich-Holzhammer. 1967. *FSWA* 121: 1.

(2) Hunt. 1969. *Hooker's Icones Plantarum* 37: t. 3665–3667.

(3) Thulin & Johansson. 1996. In L.J.G. van der Maesen *et al.*, *The biodiversity of African plants*: 73–86.

(4) Retief. In prep. *Contributions towards the systematics of southern African Boraginaceae*. Unpublished Ph.D. thesis, University of Pretoria, Pretoria.

dinteri Pilg. var. **dinteri**

Perennial. Dwarf shrub. Ht 0.03–0.3 m. Alt 440–1220 m. N, NC

dinteri Pilg. var. **gracilior** Hunt

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt ± 1400 m. N

BRASSICACEAE

Compiled by H.F. Glen & M. Jordaan

- *ALYSSUM L.** 3006000
(1) Marais. 1970. *FSA* 13: 99.
glomeratum Burch. ex DC. = **A. minutum**
maritimum (L.) Lam. = **Lobularia maritima**
minutum Schtdl. ex DC.
A. glomeratum Burch. ex DC. (1)
Annual. Herb. Ht 0.02–0.12 m. Alt 750–1600 m. NC
- APLANODES** Marais 2875010
(1) Marais. 1970. *FSA* 13: 102–104.
doidgeana Marais
Perennial. Herb. Ht 0.5–0.75 m. Alt 1750–2250 m.
KZN
sisymbrioides (Schltr.) Marais
Heliophila sisymbrioides Schltr. (1)
Perennial. Herb. Ht 0.4–0.5 m. Alt 2450–3050 m. L,
EC
- *ARABIDOPSIS** Heynh. 2999000
(1) Marais. 1970. *FSA* 13: 117.
(2) O’Kane & Al-Shehbaz. 1997. *Novon* 7: 323–327.
thaliana (L.) Heynh.
Arabis thaliana L. (1)
Sisymbrium thalianum J.Gay ex Monnard (1)
Annual or biennial. Herb. Ht 0.02–0.3 m. Alt
450–1850 m. NC, WC
- ARABIS L.** 3001000
glabra (L.) Bernh. = **Turritis glabra**
perfoliata Lam. = **Turritis glabra**
thaliana L. = **Arabis thaliana**
- *BARBAREA R.Br.** 2961000
(1) Marais. 1970. *FSA* 13: 104.
(2) Rich. 1991. *Crucifers of Great Britain and Ireland*: 166–173.
verna (Mill.) Asch.
Biennial. Herb. Ht 0.3–0.9 m. Alt 200–2400 m. WC
- BRACHYCARPAEA DC.** 2877000
(1) Marais. 1970. *FSA* 13: 82, 83.
flava (L.f.) Druce = **B. juncea**
juncea (P.J.Bergius) Marais
B. flava (L.f.) Druce (1)
B. laxa (Thunb.) Sond. (1)
B. laxa (Thunb.) Sond. var. *stricta* Sond. (1)
B. linifolia Eckl. & Zeyh. (1)
B. polygaloides Eckl. & Zeyh. (1)
B. varians DC. (1)
B. varians DC. var. *purpurascens* DC. (1)
Perennial. Shrublet. Ht 0.25–1 m. Alt 50–1700 m. NC,
WC
laxa (Thunb.) Sond. = **B. juncea**
laxa (Thunb.) Sond. var. *stricta* Sond. = **B. juncea**
linifolia Eckl. & Zeyh. = **B. juncea**
polygaloides Eckl. & Zeyh. = **B. juncea**
varians DC. = **B. juncea**
varians DC. var. *purpurascens* DC. = **B. juncea**
- *BRASSICA L.** 2949000
(1) Schulz. 1919. *Das Pflanzenreich* 4,105,1, Heft 70: 21–84.
(2) Heywood. 1964. *Flora europaea* 1: 335–339.
(3) Marais. 1970. *FSA* 13: 5–7.
(4) Gray. 1989. *Baileya* 23: 28–46.
(5) Rich. 1991. *Crucifers of Great Britain and Ireland*: 82–93.
(6) Gladis & Hammer. 1992. *Feddes Repertorium* 103: 469–507.
arvensis in sense of Burt Davy, misapplied name =
Sinapis arvensis
campestris L. = **B. rapa**
elongata Ehrh. subsp. **elongata**
Biennial. Herb. Ht 0.2–1 m. Alt 950–1700 m. B, NW,
FS, EC
griquensis N.E.Br. = **Erucastrum griquense**
juncea (L.) Czern. & Coss.
Sinapis juncea L. (3)
Annual. Herb. Ht up to 1 m. Alt 50–1800 m. B, LIM,
FS, KZN, WC, EC
leptopetala (DC.) Sond. = **Erucastrum strigosum**
nigra (L.) W.D.J.Koch
Sinapis nigra L. (1)
Annual. Herb. Ht 0.3–2 m. Alt 1400–1650 m. M
pachypoda Thell. = **Sisymbrium thellungii**
rapa L.
B. campestris L. (3)
Annual. Herb. Ht 0.3–1.5 m. Alt 350–2950 m. LIM,
G, M, FS, NC, WC, EC
strigosa (Thunb.) DC. var. *glabrata* Sond. = **Erucastrum strigosum**
tournefortii Gouan
Brassicella cheiranthus in sense of Adamson, misapplied name (3)
Annual. Herb. Ht 0.1–0.6 m. Alt 50–900 m. NC, WC, EC
- BRASSICELLA** Fourr. 2949010
cheiranthus in sense of Adamson, misapplied name =
Brassica tournefortii
- *CAMELINA** Crantz 2987000
(1) Marais. 1970. *FSA* 13: 1.
(2) Rich. 1991. *Crucifers of Great Britain and Ireland*: 204–207.
rumelica Velen.
Annual. Herb. Ht 0.15–0.4 m. Alt 1350–1450 m. G
- *CAPSELLA** Medik. 2986000
(1) Marais. 1970. *FSA* 13: 97, 98.
(2) Rich. 1991. *Crucifers of Great Britain and Ireland*: 242, 243.
(3) Chater. 1993. *Flora europaea* edn 2, 1: 381, 382.
bursa-pastoris (L.) Medik.
Thlaspi bursa-pastoris L. (1)
Annual. Herb. Ht 0.25–0.6 m. Alt 50–2450 m. N, NW,
G, M, FS, KZN, L, WC, EC
procumbens (L.) Fr. = **Hymenolobus procumbens**
- CARDAMINE L.** 2966000
(1) Marais. 1970. *FSA* 13: 100, 101.
(2) Hilliard & Burt. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40: 275, 276.
(3) Rich. 1991. *Crucifers of Great Britain and Ireland*: 138–149.

- africana** L.
Perennial. Herb. Ht 0.15–0.3 m. Alt 100–1950 m.
LIM, NW, G, M, S, FS, KZN, WC, EC
- ***flexuosa** With.
Annual. Herb. Ht 0.07–0.5 m. Alt 1400–1700 m. FS,
KZN
- ***hirsuta** L.
Annual. Herb. Ht 0.07–0.3 m. Alt 0–1600 m. WC
- ***impatiens** L.
Biennial. Herb. Ht 0.2–0.8 m. Alt 1900–2000 m. M
- trichocarpa** Hochst. ex A.Rich. subsp. **trichocarpa**
Annual. Herb. Ht 0.07–0.5 m. Alt 1450–1550 m. KZN
- ***CARDARIA** Desv. 2883010
(1) Ball. 1964. *Flora europaea* 1: 333.
(2) Marais. 1970. *FSA* 13: 96, 97.
- draba** (L.) Desv.
Perennial. Herb. Ht 0.15–0.9 m. Alt 1200–1600 m. FS,
WC, EC
- CARPOPODIUM** Eckl. & Zeyh. 2875020
carnosum Eckl. & Zeyh. = **Heliophila brachycarpa**
cleomoides in sense of Eckl. & Zeyh. = **Heliophila**
glauca
- CHAMIRA** Thunb. 2880000
(1) Marais. 1970. *FSA* 13: 5.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 378.
- circaeoides** (L.f.) Zahlbr.
C. cornuta Thunb. (1)
Annual. Herb. Ht 0.2–0.6 m. Alt 50–750 m. NC, WC
cornuta Thunb. = **C. circaeoides**
- CHEIRANTHUS** L. 3005000
strictus L.f. = **Heliophila scoparia** var. **scoparia**
- ***CORONOPUS** Zinn 2884000
(1) Marais. 1970. *FSA* 13: 94–96.
(2) Rich. 1991. *Crucifers of Great Britain and Ireland*: 276–279.
- didymus** (L.) Sm.
Lepidium didymus (L.) Sm. (1)
Senebiera didyma (L.) Pers. (1)
Biennial. Herb. Ht 0.1–0.3 m. Alt 0–1350 m. NW, G,
M, FS, KZN, L, WC, EC
- integrifolius** (DC.) Spreng.
Senebiera integrifolia DC. (1)
Senebiera linooides DC. (1)
Perennial. Herb. Ht 0.1–0.5 m. Alt 100–1550 m. N, B,
NW, G, FS, NC, WC
- squamatus** (Forssk.) Asch.
Senebiera coronopus (L.) Poir. (1)
Annual. Herb. Ht 0.1–0.3 m. Alt 100–900 m. WC
- ***CRAMBE** L. 2958000
(1) Marais. 1970. *FSA* 13: 15, 16.
(2) Prina. 2000. *Botanical Journal of the Linnean Society* 133:
509–524.
- hispanica** L.
Annual. Herb. Ht 0.25–1 m. Alt 1250–2150 m. KZN
- CYCLOPTYCHIS** E.Mey. ex Sond. 2878000
(1) Marais. 1970. *FSA* 13: 80, 81.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 379.
- marlothii** O.E.Schulz
Perennial. Shrub. Ht up to 2 m. Alt 500–170 m. WC
- virgata** (Thunb.) E.Mey. ex Sond.
Cleome virgata Thunb. (1)
Perennial. Dwarf shrub. Ht up to 1 m. Alt 750–1200
m. WC
- ***DESCURAINIA** Webb & Berthel. 2997000
(1) Marais. 1970. *FSA* 13: 117, 118.
(2) Rich. 1991. *Crucifers of Great Britain and Ireland*: 120, 121.
- sophia** (L.) Webb ex Prantl
Sisymbrium tripinnatum DC. (1)
Annual. Herb. Ht 0.1–1 m. Alt 800–1700 m. G, NC,
EC
- ***DILOTAXIS** DC. 2946000
(1) Marais. 1970. *FSA* 13: 12.
(2) Rich. 1991. *Crucifers of Great Britain and Ireland*: 100–103.
(3) Martinez-Laborde. 1991. *Botanical Journal of the Linnean*
Society 106: 69, 70.
- griquensis** (N.E.Br.) Sprague = **Erucastrum griquense**
- muralis** (L.) DC. subsp. **muralis**
Sisymbrium murale L. (1)
Annual, occ. perennial. Herb. Ht 0.1–0.5 m. Alt 0–
1700 m. NW, G, FS, WC, EC
- ***ERUCA** Mill. 2944000
(1) Marais. 1970. *FSA* 13: 12–14.
- sativa** Mill.
E. vesicaria (L.) Cav. subsp. *sativa* (Mill.) Thell. (1)
Annual. Herb. Ht 0.2–0.6 m. Alt 1250–1550 m. G, FS
vesicaria (L.) Cav. subsp. *sativa* (Mill.) Thell. = **E. sativa**
- ERUCASTRUM** (DC.) C.Presl 2947000
(1) Marais. 1970. *FSA* 13: 7–10.
(2) Marais. Personal communication.
- arabicum** Fisch. & C.A.Mey.
Annual. Herb. Ht 0.3–0.7 m. Alt 0–1200 m. N, B
- griquense** (N.E.Br.) O.E.Schulz
Brassica griquensis N.E.Br. (1)
Diplotaxis griquensis (N.E.Br.) Sprague (1)
Annual. Herb. Ht 0.12–0.35 m. Alt 900–2850 m. N,
LIM, NW, FS, NC
- strigosum** (Thunb.) O.E.Schulz
Brassica leptopetala (DC.) Sond. (1)
Brassica strigosa (Thunb.) DC. var. *glabrata* Sond. (1)
Sinapis leptopetala DC. (1)
Sinapis retrosa Burch. ex DC. (1)
Sisymbrium strigosum Thunb. in part (1)
Annual. Herb. Ht 0.5–1 m. Alt 0–2200 m. NW, G, FS,
KZN, L, NC, WC, EC
- ERYSIMUM** L. 3004000
officinale L. = **Sisymbrium officinale**
- HELIOPHILA** L. 2875000
(1) Sonder. 1860. *FC* 1: 35–54.
(2) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 48.
(3) Merxmüller. 1966. *FSWA* 48: 4–8.
(4) Marais. 1970. *FSA* 13: 17–77.
(5) Oliver. 1976. *The Flowering Plants of Africa* 43: t. 1707.
(6) Nordenstam. 1980. *Journal of South African Botany* 46: 251–
263.
(7) Pienaar & Nicholas. 1988. *Bothalia* 18: 183–185.
(8) Bean. 1990. *South African Journal of Botany* 56: 670–674.
(9) Goldblatt & Manning. 2000. *Strelitzia* 9: 379–382.

abrotanifolia Banks ex DC. in part = **H. carnos**
abrotanifolia Banks ex DC. in part = **H. crithmifolia**
abrotanifolia Banks ex DC. var. *tenuiloba* Sond. = **H. carnos**
acuminata (Eckl. & Zeyh.) Steud.
H. eckloniana Sond. (4)
H. pallida Schltr. ex O.E.Schulz (4)
 Annual. Herb. Ht 0.15–0.45 m. Alt 100–1400 m. NC, WC
adpressa O.E.Schulz
 Annual. Herb. Ht 0.15–0.5 m. Alt 10–100 m. WC
affinis Sond.
H. leucantha Schltr. (4)
 Annual. Herb. Ht up to 0.35 m. Alt 500–1500 m. NC
africana (L.) Marais
H. integrifolia L. (4)
H. pilosa Lam. (4)
H. pilosa Lam. var. *digitata* in sense of Sond., misapplied name (4)
H. pilosa Lam. var. *incisa* DC. (4)
H. pilosa Lam. var. *integrifolia* (L.) DC. (4)
H. rostrata C.Presl (4)
H. stricta Sond. (4)
H. trichinostyla E.Phillips (4)
 Annual. Herb. Ht 0.6–1.35 m. Alt 0–750 m. NC, WC
aggregata (Eckl. & Zeyh.) Steud. = **H. digitata**
alpina Marais
 Perennial. Herb. Ht 0.1–0.15 m. Alt 2650–3350 m. L, EC
amplexicaulis L.f.
H. amplexicaulis L.f. var. *grandiflora* Sond. (4)
H. amplexicaulis L.f. var. *spathulata* Sond. (4)
Ormiscus amplexicaulis (L.f.) Eckl. & Zeyh. (4)
 Annual. Herb. Ht up to 0.45 m. Alt 50–1400 m. NC, WC
amplexicaulis L.f. var. *grandiflora* Sond. = **H. amplexicaulis**
amplexicaulis L.f. var. *spathulata* Sond. = **H. amplexicaulis**
anomala Schltr. = **H. tulbaghensis**
arabidea Schltr. = **H. crithmifolia**
arenaria Schltr., not of Sond. = **H. lactea**
arenaria Sond. var. **acocksii** Marais
 Annual. Herb. Ht up to 0.5 m. Alt 150–750 m. NC, WC
arenaria Sond. var. **agtertuinensis** (O.E.Schulz) Marais
H. maximilianii Schltr. var. *agtertuinensis* Schltr. (4)
 Annual. Herb. Ht up to 0.5 m. Alt 200–300 m. WC
arenaria Sond. var. **arenaria**
H. maximilianii Schltr. (4)
H. sabulosa Schltr. (4)
 Annual. Herb. Ht up to 0.5 m. Alt 100–1500 m. NC, WC
arenaria Sond. var. **glabrescens** (O.E.Schulz) Marais
H. sabulosa Schltr. var. *glabrescens* Schltr. (4)
 Annual. Herb. Ht up to 0.5 m. Alt 100–750 m. WC
arenosa Schltr.
H. stenocarpa Schltr. (4)
 Annual. Herb. Ht 0.1–0.25 m. Alt 50–1250 m. WC
aspera Schltr. = **H. scoparia** var. **aspera**
azureiflora Schltr. = **H. lactea**
basutica E.Phillips = **H. suavissima**

brachycarpa Meisn.
Carpopodium carnosum Eckl. & Zeyh. (4)
H. florulenta Sond. (4)
H. florulenta Sond. var. *obliqua* E.Mey. ex Sond. (4)
 Perennial. Shrub, dwarf shrub. Ht up to 2 m. Alt 50–750 m. WC, EC
brassicifolia Eckl. & Zeyh.
 Perennial. Herb. Ht 0.2–0.6 m. Alt 200–1700 m. EC
bulbostyla P.E.Barnes
 Annual. Herb. Ht 0.25–0.35 m. Alt 0–1500 m. NC, WC
caledonica (Eckl. & Zeyh.) Sond. = **H. coronopifolia**
callosa (L.f.) DC.
 Perennial. Shrub. Ht up to 1 m. Alt 50–900 m. WC
carifolia Schltr. = **H. variabilis**
carnosa (Thunb.) Steud.
H. abrotanifolia Banks ex DC. in part (4)
H. abrotanifolia Banks ex DC. var. *tenuiloba* Sond. (1)
H. chamaemifolia Eckl. & Zeyh. (1)
H. crithmifolia Eckl. & Zeyh. (1)
H. grandiflora Schltr. (4)
H. platysiliqua R.Br. (4)
H. sulcata Conrath (4)
H. sulcata Conrath var. *modestior* O.E.Schulz (4)
H. tripartita Thunb. (4)
 Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 0–2850 m. N, G, FS, KZN, L, NC, WC, EC
carponemoides Schltr. = **H. descurva**
cedarbergensis Marais
 Perennial. Dwarf, often trailing, shrub. Ht up to 0.3 m. Alt 1200–1650 m. WC
chamaemifolia Burch. ex DC. = **H. crithmifolia**
chamaemifolia Burch. ex DC. forma *grandiflora* O.E.Schulz = **H. crithmifolia**
chamaemifolia Eckl. & Zeyh. = **H. carnos**
cinerea Marais
H. incana Aiton (4)
 Perennial. Herb. Ht up to 0.6 m. Alt 0–150 m. WC
clavuligera O.E.Schulz = **H. pinnata**
collina O.E.Schulz
 Annual. Herb. Ht up to 0.2 m. Alt 650–1500 m. NC, WC
concatenata Sond.
H. coronopifolia in sense of Adamson, misapplied name (4)
H. rosea Schltr. (4)
H. salteri Exell (4)
H. scabrida Schltr. (4)
 Annual. Herb. Ht 0.1–0.45 m. Alt 150–750 m. WC
cornellsbergia B.J.Pienaar & Nicholas
 Annual. Herb. Ht 0.15–0.3 m. Alt 1100–1400 m. NC
cornuta Sond. var. **cornuta**
 Perennial. Dwarf shrub. Ht up to 1 m. Alt 150–1050 m. N, NC, WC
cornuta Sond. var. **squamata** (Schltr.) Marais
H. squamata Schltr. (4)
 Perennial. Shrub. Ht up to 1.5 m. Alt 200–1800 m. N, NC, WC, EC
coronopifolia in sense of Adamson, misapplied name = **H. concatenata**
coronopifolia L.
H. caledonica (Eckl. & Zeyh.) Sond. (4)
H. dissecta Thunb. (1)
H. dissecta Thunb. var. *pinnata* DC. (4)
H. filifolia L.f. (4)

- H. fistulosa* Sond. (4)
H. longifolia DC. (4)
H. sonchifolia DC. (4)
 Annual. Herb. Ht 0.1–0.6 m. Alt 0–1800 m. NC, WC
- crithmifolia** Willd.
H. abrotanifolia Banks ex DC. in part (4)
H. arabidea Schltr. (4)
H. chamaemelifolia Burch. ex DC. (4)
H. chamaemelifolia Burch. ex DC. forma *grandiflora* O.E.Schulz (4)
H. crithmifolia Eckl. & Zeyh. var. *parvifolia* Burch. ex DC. (4)
H. foeniculacea R.Br. (4)
 Annual. Herb. Ht 0.1–0.4 m. Alt 100–700 m. N, NC, WC
- crithmifolia* Eckl. & Zeyh. = **H. carnosa**
crithmifolia Eckl. & Zeyh. var. *parvifolia* Burch. ex DC. = **H. crithmifolia**
- cuneata** Marais
 Perennial. Shrub. Ht up to 1.3 m. Alt 50–600 m. WC
- dentifera* Sond. = **H. meyeri** var. **meyeri**
- descurva** Schltr.
H. carponemoides Schltr. (4)
 Annual. Herb. Ht 0.3–0.6 m. Alt 250–1100 m. NC, WC
- deserticola** Schltr. var. **deserticola**
 Annual. Herb. Ht 0.15–0.3 m. Alt 450–1350 m. N, NC, WC
- deserticola** Schltr. var. **micrantha** A.Schreib.
 Annual. Herb. Ht 0.15–0.3 m. Alt 800–1300 m. N, NC
- deserticola* O.E.Schulz var. *rangei* O.E.Schulz = **H. minima**
- deserticola* O.E.Schulz var. *umbrosa* O.E.Schulz = **H. trifurca**
- diffusa** (Thunb.) DC. var. **diffusa**
 Annual. Herb. Ht 0.05–0.4 m. Alt 50–1350 m. NC, WC
- diffusa** (Thunb.) DC. var. **flacca** (Sond.) Marais
H. flacca Sond. (4)
 Annual. Herb. Ht 0.05–0.4 m. Alt 300–1100 m. WC
- digitata** L.f.
H. aggregata (Eckl. & Zeyh.) Steud. (4)
H. gracilis Sond. (4)
H. odontopetala Zahlbr. (4)
H. tenuifolia Sond. (4)
H. viminalis E.Mey. ex Sond. (6)
 Annual. Herb. Ht 0.15–0.5 m. Alt 0–950 m. NC, WC
- dissecta* Thunb. = **H. coronopifolia**
dissecta Thunb. var. *pinnata* DC. = **H. coronopifolia**
divaricata Banks ex DC. = **H. pusilla** var. **pusilla**
- dregeana** Sond.
H. dregeana Sond. var. *induta* O.E.Schulz (4)
 Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 750–1350 m. WC
- dregeana* Sond. var. *induta* O.E.Schulz = **H. dregeana**
eckloniana Sond. = **H. acuminata**
edentula O.E.Schulz in part = **H. minima**
edentula O.E.Schulz in part = **H. trifurca**
- elata** Sond. var. **elata**
 Perennial. Dwarf shrub. Ht up to 1.5 m. Alt 150–750 m. NC, WC
- elata** Sond. var. **pillansii** Marais
 Perennial. Dwarf shrub. Ht up to 1 m. Alt 1200–1500 m. WC
- elongata** (Thunb.) DC.
H. stylosa Burch. ex DC. (4)
H. virgata Burch. ex DC. (4)
 Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 0–2050 m. KZN, WC, EC
- ephemera** P.A.Bean
 Annual. Herb. Ht up to 0.1 m. Alt 1500–1600 m. WC
- esterhuyseniae** Marais
 Perennial. Dwarf shrub. Ht up to 1 m. Alt 1050–1500 m. WC
- exilis* Schltr. = **H. pinnata**
- eximia** Marais
 Annual. Herb. Ht? Alt 0–900 m. N, NC
- falcata* Eckl. & Zeyh. = **H. linearis** var. **linearis**
fascicularis DC. = **H. suavissima**
- filicaulis** Marais
 Perennial. Dwarf shrub. Ht up to 1 m. Alt 1000–1100 m. WC
- filifolia* L.f. = **H. coronopifolia**
fistulosa Sond. = **H. coronopifolia**
flacca Sond. = **H. diffusa** var. **flacca**
florulenta Sond. = **H. brachycarpa**
florulenta Sond. var. *obliqua* E.Mey. ex Sond. = **H. brachycarpa**
foeniculacea R.Br. = **H. crithmifolia**
- formosa** Hilliard & B.L.Burt
 Perennial. Herb. Ht 0.3–0.6 m. Alt 1950–2950 m. KZN, L
- gariepina** Schltr.
 Annual. Herb. Ht 0.3–0.7 m. Alt 200–900 m. NC
- glauca** Burch. ex DC.
Carpodium cleomoides in sense of Eckl. & Zeyh., misapplied name (4)
H. glauca Burch. var. *purpurascens* DC. (4)
 Perennial. Shrub. Ht up to 2 m. Alt 150–1300 m. WC, EC
- glauca* Burch. var. *purpurascens* DC. = **H. glauca**
gracilis Sond. = **H. digitata**
grandiflora Schltr. = **H. carnosa**
incana Aiton = **H. cinerea**
integrifolia L. = **H. africana**
- katbergensis** Marais
 Perennial. Herb. Ht up to 0.2 m. Alt 1650–1850 m. EC
- laciniata** Marais
 Annual. Herb. Ht 0.1–0.6 m. Alt 350–600 m. NC
- lactea** Schltr.
H. arenaria Schltr., not of Sond. (2)
H. azureiflora Schltr. (4)
H. sparsiflora Schltr. (4)
H. venusta Dinter (2)
 Annual. Herb. Ht 0.15–0.55 m. Alt 0–1500 m. N, NC, WC
- lanceolata* Adamson = **H. pusilla** var. **lanceolata**
latisiliqua E.Mey. ex Sond. var. *latisiliqua* = **H. thunbergii** var. **thunbergii**
latisiliqua E.Mey. ex Sond. var. *macrostylis* (E.Mey. ex Sond.) Marais = **H. thunbergii** var. **macrostylis**
- leptophylla** Schltr.
 Annual. Herb. Ht 0.15–0.35 m. Alt 100–150 m. WC

leucantha Schltr. = **H. affinis**

linearifolia Burch. ex DC. = **H. linearis** var. **linearifolia**

linearifolia Burch. ex DC. var. *hirsuta* Burch. ex DC. = **H. linearis** var. **linearis**

linearifolia Burch. ex DC. var. *pilosiuscula* Sond. = **H. linearis** var. **linearis**

linearis (Thunb.) DC. var. **linearifolia** (Burch. ex DC.) Marais

H. linearifolia Burch. ex DC. (4)

Perennial. Herb. Ht 0.2–0.9 m. Alt 0–1350 m. WC

linearis (Thunb.) DC. var. **linearis**

H. falcata Eckl. & Zeyh. (1)

H. linearifolia Burch. ex DC. var. *hirsuta* Burch. ex DC. (4)

H. linearifolia Burch. ex DC. var. *pilosiuscula* Sond. (4)

Perennial. Herb. Ht 0.2–0.9 m. Alt 0–1150 m. WC, EC

linearis (Thunb.) DC. var. **reticulata** (Eckl. & Zeyh.) Marais

H. reticulata (Eckl. & Zeyh.) Marais (4)

Perennial. Herb. Ht 0.2–0.9 m. Alt 0–100 m. WC

linoides Schltr.

H. torulosa O.E.Schulz in part (4)

Annual. Herb. Ht 0.3–0.5 m. Alt 150–500 m. WC

longifolia DC. = **H. coronopifolia**

macowaniana Schltr.

H. sabulosa Schltr. forma *albiflora* O.E.Schulz (4)

Annual. Herb. Ht 0.1–0.5 m. Alt 100–1050 m. WC

macra Schltr.

Perennial. Shrub. Ht up to 1.3 m. Alt 0–1050 m. WC

macrosperma Burch. ex DC.

Perennial. Shrub. Ht up to 0.6 m. Alt 0–150 m. EC

macrostylis E.Mey. ex Sond. = **H. latisiliqua** var. **macrostylis**

marlothii O.E.Schulz = **H. seselifolia** var. **marlothii**

maximilianii Schltr. = **H. arenaria** var. **arenaria**

maximilianii Schltr. var. *agtertuinensis* Schltr. = **H. arenaria** var. **agtertuinensis**

meyeri Sond. var. **meyeri**

H. dentifera Sond. (4)

Annual. Herb. Ht 0.1–0.45 m. Alt 300–1150 m. WC

meyeri Sond. var. **minor** Marais

Annual. Herb. Ht 0.1–0.45 m. Alt 200–250 m. WC

minima (Stephens) Marais

Cleome minima Stephens (3)

H. deserticola O.E.Schulz var. *rangei* O.E.Schulz (4)

H. pearsonii O.E.Schulz (4)

H. pearsonii O.E.Schulz var. *edentata* Hainz (4)

H. pearsonii O.E.Schulz var. *prageri* O.E.Schulz (4)

H. smithii O.E.Schulz (4)

H. suavissima Sond. var. *incana* Sond. (4)

H. suavissima Sond. var. *velutina* O.E.Schulz (4)

Annual, occ. perennial. Herb. Ht 0.05–0.6 m. Alt 900–1850 m. N, FS, NC, EC

monticola Sond. = **H. variabilis**

namaquana Bolus

H. sarcostyla Schltr. (4)

Annual. Herb. Ht 0.07–0.3 m. Alt 600–1250 m. NC, WC

natalensis O.E.Schulz = **H. subulata**

nigellifolia Schltr. = **H. seselifolia** var. **nigellifolia**

nubigena Schltr.

Perennial. Dwarf shrub. Ht up to 0.45 m. Alt 1400–2000 m. WC

obibensis Marais

Annual. Herb. Ht up to 0.15 m. Alt 450–750 m. N

odontopetala Zahlbr. = **H. digitata**

oreophila Schltr. = **H. pinnata**

pallida Schltr. ex O.E.Schulz = **H. acuminata**

patens Oliv.

Annual. Herb. Ht up to 0.2 m. Alt 100–250 m. WC

pearsonii O.E.Schulz = **H. minima**

pearsonii O.E.Schulz var. *edentata* Hainz = **H. minima**

pearsonii O.E.Schulz var. *prageri* O.E.Schulz = **H. minima**

pectinata Burch. ex DC.

Annual. Herb. Ht 0.05–0.3 m. Alt 150–1350 m. NC, WC

pendula Willd.

H. pinnata Vent. (4)

H. rivalis Burch. ex DC. (4)

Annual. Herb. Ht 0.08–0.5 m. Alt 0–1350 m. WC, EC

pilosa Lam. = **H. africana**

pilosa Lam. var. *digitata* in sense of Sond., misapplied name = **H. africana**

pilosa Lam. var. *incisa* DC. = **H. africana**

pilosa Lam. var. *integrifolia* (L.) DC. = **H. africana**

pinnata L.f.

H. clavuligera O.E.Schulz (4)

H. exilis Schltr. (4)

H. oreophila Schltr. (4)

H. trifida Thunb. (4)

Annual. Herb. Ht 0.05–0.2 m. Alt 400–1600 m. NC, WC

pinnata Vent. = **H. pendula**

pinnatisecta E.Phillips = **H. latisiliqua** var. **latisiliqua**

platysiliqua R.Br. = **H. carnosa**

polygaloides Schltr. = **Silicularia polygaloides**

promontorii Marais

H. trifida of author, not of Thunb., misapplied name (4)

Annual. Herb. Ht 0.06–0.25 m. Alt 0–250 m. WC

pubescens Burch. ex Sond.

Annual. Herb. Ht up to 0.2 m. Alt 1200–1600 m. NC, WC

pusilla L.f. var. **lanceolata** (Adamson) Marais

H. lanceolata Adamson (4)

Annual. Herb. Ht 0.1–0.2 m. Alt. 0–1000 m. WC

pusilla L.f. var. **macrosperma** Marais

Annual. Herb. Ht 0.07–0.3 m. Alt 50–300 m. WC

pusilla L.f. var. **pusilla**

H. divaricata Banks ex DC. (4)

Ormiscus pusilla (L.f.) Eckl. & Zeyh. (4)

Annual. Herb. Ht 0.07–0.2 m. Alt 0–1000 m. WC

pusilla L.f. var. **setacea** (Schltr.) Marais

H. setacea Schltr. (4)

Annual. Herb. Ht 0.1–0.2 m. Alt 100–200 m. WC

ramosissima O.E.Schulz

Perennial. Dwarf shrub. Ht up to 0.25 m. Alt 300–900 m. WC

refracta Sond.

Annual. Herb. Ht 0.1–0.4 m. Alt 0–750 m. WC

remotiflora O.E.Schulz*H. torulosa* O.E.Schulz in part (4)

Annual. Herb. Ht up to 0.6 m. Alt 0–1200 m. NC

reticulata (Eckl. & Zeyh.) Marais = **H. linearis** var. **reticulata****rigidiuscula** Sond.*H. virgata* in sense of Eckl. & Zeyh., misapplied name (4)

Perennial. Herb. Ht 0.25–0.9 m. Alt 100–3350 m.

LIM, NW, G, M, S, FS, KZN, L, EC

rimicola Marais

Perennial. Dwarf shrub. Ht up to 0.2 m. Alt 2000–2100 m. WC

rivalis Burch. ex DC. = **H. pendula***rosea* Schltr. = **H. concatenata***rostrata* C.Presl = **H. africana***sabulosa* Schltr. = **H. arenaria** var. **arenaria***sabulosa* Schltr. forma *albiflora* O.E.Schulz = **H. macowaniana***sabulosa* Schltr. var. *glabrescens* Schltr. = **H. arenaria** var. **glabrescens***salteri* Exell = **H. concatenata***sarcostyla* Schltr. = **H. namaquana***scabrida* Schltr. = **H. concatenata****scandens** Harv.

Perennial. Climber. Ht up to 3 m. Alt 0–50 m. KZN, EC

schulzii Marais

Annual. Herb. Ht 0.15–0.45 m. Alt 150–1300 m. NC

scoparia Burch. ex DC. var. **aspera** (Schltr.) Marais*H. aspera* Schltr. (4)

Perennial. Shrub. Ht up to 1 m. Alt 500–1350 m. WC

scoparia Burch. ex DC. var. **scoparia***Cheiranthus strictus* L.f. (4)

Perennial. Shrub. Ht up to 1 m. Alt 0–1700 m. WC

seselifolia Burch. ex DC. var. **marlothii** (O.E.Schulz)

Marais

H. marlothii O.E.Schulz (4)

Annual. Herb. Ht up to 0.35 m. Alt 500–1600 m. NC, WC

seselifolia Burch. ex DC. var. **nigellifolia** (Schltr.) Marais*H. nigellifolia* Schltr. (4)

Annual. Herb. Ht up to 0.35 m. Alt 100–1350 m. NC, WC

seselifolia Burch. ex DC. var. **seselifolia**

Annual. Herb. Ht up to 0.35 m. Alt 400–1550 m. N, NC, WC

setacea Schltr. = **H. pusilla** var. **setacea***sisymbrioides* Schltr. = **Aplanodes sisymbrioides***smithii* O.E.Schulz = **H. minima***sonchifolia* DC. = **H. coronopifolia***sparsiflora* Schltr. = **H. lactea***squamata* Schltr. = **H. cornuta** var. **squamata***stenocarpa* Schltr. = **H. arenosa***stricta* Sond. = **H. africana***stylosa* Burch. ex DC. = **H. elongata****suavissima** Burch. ex DC.*H. basutica* E.Phillips (4)*H. fascicularis* DC. (4)

Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 0–2600 m. N, FS, KZN, L, NC, WC, EC

suavissima Sond. var. *incana* Sond. = **H. minima***suavissima* Sond. var. *velutina* O.E.Schulz = **H. minima****subulata** Burch. ex DC.*Cleome capensis* L. (4)*H. natalensis* O.E.Schulz (4)*H. subulata* Burch. var. *glabrata* Sond. (1)*H. woodii* Conrath (4)

Perennial, occ. annual. Shrublet or herb. Ht 0.1–0.5 m. Alt 0–2000 m. KZN, WC, EC

subulata Burch. var. *glabrata* Sond. = **H. subulata***sulcata* Conrath = **H. carnosa***sulcata* Conrath var. *modestior* O.E.Schulz = **H. carnosa****tabularis** Wolley-Dod

Annual. Herb. Ht 0.07–0.12 m. Alt 50–250 m. WC

tenuifolia Sond. = **H. digitata****thunbergii** (Eckl. & Zeyh.) Steud. var. **macrostylis** (E.Mey. ex Sond.) B.Nord.*H. latisiliqua* E.Mey. ex Sond. var. *macrostylis* (E.Mey. ex Sond.) Marais (6)*H. macrostylis* E.Mey. ex Sond. (4)

Annual. Herb. Ht 0.2–0.9 m. Alt 600–1050 m. NC

thunbergii (Eckl. & Zeyh.) Steud. var. **thunbergii***H. latisiliqua* E.Mey. ex Sond. var. *latisiliqua* (6)*H. pinnatisecta* E.Phillips (4)

Annual. Herb. Ht 0.15–0.35 m. Alt 400–1200 m. NC, WC

torulosa O.E.Schulz in part = **H. linoides***torulosa* O.E.Schulz in part = **H. remotiflora***trichinostyla* E.Phillips = **H. africana****tricuspidata** Schltr.

Perennial. Shrublet. Ht up to 0.5 m. Alt 1450–1600 m. WC

trifida of author, not of Thunb., misapplied name = **H. promontorii***trifida* Thunb. = **H. pinnata****trifurca** Burch. ex DC.*H. deserticola* O.E.Schulz var. *umbrosa* O.E.Schulz (4)*H. edentula* O.E.Schulz in part (4)

Annual. Herb. Ht up to 0.6 m. Alt 100–1850 m. N, NC

tripartita Thunb. = **H. carnosa****tulbaghensis** Schinz*H. anomala* Schltr. (4)

Perennial. Shrublet. Ht up to 0.25 m. Alt 1200–1650 m. WC

variabilis Burch. ex DC.*H. carifolia* Schltr. (4)*H. monticola* Sond. (4)

Annual. Herb. Ht 0.1–0.35 m. Alt 50–1350 m. NC, WC

venusta Dinter = **H. lactea***viminalis* E.Mey. ex Sond. = **H. digitata***virgata* Burch. ex DC. = **H. elongata***virgata* in sense of Eckl. & Zeyh., misapplied name = **H. rigidiuscula***woodii* Conrath = **H. subulata*****HIRSCHFELDIA** Moench 2947010(1) Marais. 1970. *FSA* 13: 11.(2) Rich. 1991. *Crucifers of Great Britain and Ireland*: 80, 81.

incana (L.) Lagr.-Foss.*Sinapis incana* L. (1)

Annual. Herb. Ht 0.5–1 m. Alt 150–550 m. WC, EC

***HYMENOLOBUS** Nutt. in 2985010
Torr. & A.Gray(1) Heywood. 1964. *Flora europaea* 1: 317.(2) Marais. 1970. *FSA* 13: 98.**procumbens** (L.) Nutt. in Torr. & A.Gray*Capsella procumbens* (L.) Fr. (2)*Lepidium procumbens* L. (2)

Annual. Herb. Ht 0.03–0.3 m. Alt 1550–1600 m. NC

LEPIDIUM L. 2883000(1) Sonder. 1850. *Linnaea* 23: 4.(2) Sonder. 1860. *FC* 1: 28–30.(3) Burt Davy. 1926. *A manual of the flowering plants and ferns of the Transvaal with Swaziland, South Africa* 1: 129.(4) Adamson. 1950. In Adamson & Salter, *Flora of the Cape Peninsula*: 418–420.(5) Marais. 1970. *FSA* 13: 83–94.(6) Jonsell. 1975. *Botaniska Notiser* 128: 20–46.(7) Rich. 1991. *Crucifers of Great Britain and Ireland*: 216–235.**africanum** (Burm.f.) DC. subsp. **africanum***L. divaricatum* Aiton subsp. *linoides* in sense of Exell, misapplied name (6)*L. divaricatum* Aiton subsp. *linoides* (Thunb.) Thell. var. *subdentatum* in sense of Robyns & Boutique, misapplied name (6)*L. divaricatum* in sense of DC., misapplied name (5)*L. linoides* Thunb. in part (6)*L. schlechteri* Burt Davy (3)*Thlaspi africanum* Burm.f. (5)

Biennial. Herb. Ht 0.15–0.75 m. Alt 50–1700 m. LIM, NW, G, M, S, FS, KZN, WC, EC

africanum (Burm.f.) DC. subsp. **divaricatum** (Aiton) Jonsell*L. divaricatum* Aiton (6)*L. divaricatum* Aiton subsp. *divaricatum* (6)*L. linoides* Thunb. in part (6)

Perennial. Herb. Ht 0.2–1 m. Alt 400–1700 m. N, NW, FS, L, NC, WC, EC

africanum in sense of DC., misapplied name = **L. capense africanum** of author, not of (Burm.f.) DC. misapplied name = **L. capense***africanum* Thunb. var. *serratum* Thell. = **L. capense***africanum* Thunb. var. *typicum* Thell. = **L. capense****basuticum** Marais

Perennial. Herb. Ht 0.1–0.3 m. Alt 2000–2850 m. L, EC

bipinnatum Thunb.

Perennial. Herb. Ht 0.8–1 m. Alt? NC

***bonariense** L.

Annual. Herb. Ht 0.15–0.6 m. Alt 0–2000 m. B, LIM, NW, G, M, S, FS, KZN, L, EC

***campestre** R.Br.

Annual. Herb. Ht 0.2–0.6 m. Alt? EC

capense in sense of Sond. in part, misapplied name = **L. ecklonii****capense** Thunb.*L. africanum* in sense of DC., misapplied name (5)*L. africanum* of author, not of (Burm.f.) DC., concept invalid (5)*L. africanum* Thunb. var. *serratum* Thell. (5)*L. africanum* Thunb. var. *typicum* Thell. (5)

Perennial. Herb. Ht 0.15–0.6 m. Alt 0–1500 m. WC, EC

desertorum Eckl. & Zeyh.

Annual. Herb. Ht 0.2–0.25 m. Alt 100–1550 m. N, FS, NC, WC

didymus (L.) Sm. = **Coronopus didymus***divaricatum* Aiton = **L. africanum** subsp. **divaricatum***divaricatum* Aiton subsp. *divaricatum* = **L. africanum** subsp. **divaricatum***divaricatum* Aiton subsp. *ecklonii* var. *pumilum* (Sond.) Thell. = **L. ecklonii***divaricatum* Aiton subsp. *ecklonii* var. *sylvaticum* (Eckl. & Zeyh.) Thell. = **L. ecklonii***divaricatum* Aiton subsp. *linoides* in sense of Exell, misapplied name = **L. africanum** subsp. **africanum***divaricatum* Aiton subsp. *linoides* (Thunb.) Thell. var. *subdentatum* in sense of Robyns & Boutique, misapplied name = **L. africanum** subsp. **africanum***divaricatum* Aiton subsp. *trifurcum* (Sond.) Marais = **L. trifurcum***divaricatum* in sense of DC., misapplied name = **L. africanum** subsp. **africanum****ecklonii** Schrad.*L. capense* in sense of Sond. in part, misapplied name (5)*L. divaricatum* Aiton subsp. *ecklonii* var. *pumilum* (Sond.) Thell. (5)*L. divaricatum* Aiton subsp. *ecklonii* var. *sylvaticum* (Eckl. & Zeyh.) Thell. (5)*L. sylvaticum* Eckl. & Zeyh. (1)

Perennial. Herb. Ht 0.05–0.6 m. Alt 0–2650 m. WC, EC

flexuosum Thunb.

Perennial. Herb. Ht 0.1–0.4 m. Alt up to 300 m. WC

linoides Thunb. in part = **L. africanum** subsp. **africanum***linoides* Thunb. in part = **L. africanum** subsp. **divaricatum****mossii** Thell.

Perennial. Herb. Ht 0.05–0.2 m. Alt 1350–1750 m. G, FS

myriocarpum Sond.

Perennial. Herb. Ht 0.3–0.7 m. Alt 1300–2450 m. KZN, L, EC

pinnatum Thunb.

Perennial. Herb. Ht 0.1–0.4 m. Alt 100–1350 m. WC

procumbens L. = **Hymenolobus procumbens****schinzii** Thell.*L. trifurcum* in sense of Thell., misapplied name (5)

Perennial. Herb. Ht 0.1–0.5 m. Alt 400–2700 m. G, M, FS, KZN, L, NC, EC

schlechteri Burt Davy = **L. africanum** subsp. **africanum****schlechteri** Thell.

Perennial. Herb. Ht 0.05–0.2 m. Alt 1650–2000 m. FS, NC, WC

suluense Marais

Annual. Herb. Ht 0.3–0.6 m. Alt up to 230 m. KZN

sylvaticum Eckl. & Zeyh. = **L. ecklonii****transvaalense** Marais

Perennial. Herb. Ht 0.15–0.3 m. Alt 550–2400 m. G, M, S, FS, L

trifurcum Sond.*L. divaricatum* Aiton subsp. *trifurcum* (Sond.) Marais (5)

Perennial. Herb. Ht 0.3–0.6 m. Alt 850–2500 m. FS, L, NC, EC

trifurcum in sense of Thell., misapplied name = **L. schinzii*****virginicum** L.

Annual. Herb. Ht 0.3–0.75 m. Alt 0–1450 m. LIM, G, M, KZN, NC, WC

***LOBULARIA** Desv. 3013000(1) Marais. 1970. *FSA* 13: 99, 100.(2) Rich. 1991. *Crucifers of Great Britain and Ireland*: 198, 199.**maritima** (L.) Desv.*Alyssum maritimum* (L.) Lam. (1)

Annual, occ. perennial. Herb. Ht 0.1–0.3 m. Alt 0–1750 m. G, WC, EC

MATTHIOLA R.Br. 3042000(1) Aiton. 1812. *Hortus kewensis* edn 2, 4: 119.(2) Marais. 1970. *FSA* 13: 109, 110.(3) Rich. 1991. *Crucifers of Great Britain and Ireland*: 182–187.***bicornis** (Sibth. & Sm.) DC.*M. longipetala* (Vent.) DC. subsp. *bicornis* (Sibth. & Sm.) P.W.Ball (2)

Annual. Herb. Ht 0.15–0.5 m. Alt? FS

***incana** (L.) R.Br.

Biennial, occ. perennial. Herb. Ht 0.3–0.6 m. Alt 0–300 m. WC

longipetala (Vent.) DC. subsp. *bicornis* (Sibth. & Sm.) P.W.Ball = **M. bicornis****torulosa** (Thunb.) DC.

Perennial. Shrublet. Ht 0.2–0.45 m. Alt 100–2150 m. N, NW, FS, L, NC, WC, EC

MYAGRUM L. 2922000*rugosum* L. = **Rapistrum rugosum*****NASTURTIUM** R.Br. 2965000(1) Martinez-Laborde. 1995. *European garden flora* 4: 140.(2) Al-Shehbaz & Price. 1998. *Novon* 8: 124–126.*caledonicum* Sond. = **Rorippa fluviatilis** var. **caledonica***elongatum* E.Mey. ex Burt Davy = **Rorippa nudiuscula***fluviatile* E.Mey. ex Sond. = **Rorippa fluviatilis** var. **fluviatilis***fluviatile* E.Mey. ex Sond. var. *caledonicum* (Sond.) Sond. = **Rorippa fluviatilis** var. **caledonicum***fluviatile* E.Mey. var. *brevistylum* Sond. = **Rorippa nudiuscula***humifusum* Guill. & Perr. = **Rorippa humifusa***indicum* in sense of Oliv. = **Rorippa madagascariensis***integrifolium* Szyszyl. = **Rorippa nudiuscula****officinale** R.Br.*Rorippa nasturtium-aquaticum* (L.) Hayek (1)

Perennial. Herb. Ht 0.15–0.6 m. Alt 50–2300 m. LIM, NW, G, M, FS, KZN, L, WC, EC

ORMISCUS DC. 2875030*amplexicaulis* (L.f.) Eckl. & Zeyh. = **Heliophila amplexicaulis***pusillus* (L.f.) Eckl. & Zeyh. = **Heliophila pusilla** var. **pusilla****PALMSTRUCKIA** Sond. 2879010*capensis* Sond. = **Thlaspeocarpa capensis*****RAPHANUS** L. 2950000(1) Marais. 1970. *FSA* 13: 14, 15.(2) Pistrick. 1987. *Kulturpflanze* 33: 223–321.(3) Rich. 1991. *Crucifers of Great Britain and Ireland*: 58–63.**raphanistrum** L.

Annual or biennial. Herb. Ht 0.25–1 m. Alt 0–2450 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC

sativus L.

Annual. Herb. Ht 0.3–1.3 m. Alt 1250–1300 m. LIM

***RAPISTRUM** Crantz 2956000(1) Marais. 1970. *FSA* 13: 16.(2) Rich. 1991. *Crucifers of Great Britain and Ireland*: 64, 65.**rugosum** (L.) All.*Myagrum rugosum* L. (1)

Annual. Herb. Ht 0.35–1 m. Alt 100–1600 m. N, NW, KZN, NC, WC, EC

RORIPPA Scop. 2965010(1) Thellung. 1911. *Vierteljahrsschrift der Naturforschenden Gesellschaft in Zürich* 56: 259, 260.(2) Marais. 1970. *FSA* 13: 105–109.(3) Rich. 1991. *Crucifers of Great Britain and Ireland*: 150–165.(4) Al-Shehbaz & Price. 1998. *Novon* 8: 124–126.*caledonica* (Sond.) R.A.Dyer = **R. fluviatilis** var. **caledonica****fluviatilis** (E.Mey. ex Sond.) Thell. var. **caledonica** (Sond.) Marais*Nasturtium caledonicum* Sond. (2)*Nasturtium fluviatile* E.Mey. ex Sond. var. *caledonicum* (Sond.) Sond. (2)*R. caledonica* (Sond.) R.A.Dyer (1)

Perennial. Herb. Ht 0.6–0.75 m. Alt 1150–1700 m. NW, FS, L, NC, EC

fluviatilis (E.Mey. ex Sond.) Thell. var. **fluviatilis***Nasturtium fluviatile* E.Mey. ex Sond. (2)

Perennial. Herb. Ht 0.1–0.6 m. Alt 100–1700 m. N, B, LIM, NW, G, M, FS, KZN, NC, EC

humifusa (Guill. & Perr.) Hiern*Nasturtium humifusum* Guill. & Perr. (2)

Annual. Herb. Ht up to 0.1 m. Alt 250–350 m. N

madagascariensis (DC.) Hara*Nasturtium indicum* in sense of Oliv., misapplied name (2)

Annual. Herb. Ht 0.2–0.5 m. Alt 0–300 m. LIM, M, KZN

nasturtium-aquaticum (L.) Hayek = **Nasturtium officinale****nudiuscula** Thell.*Nasturtium elongatum* E.Mey. ex Burt Davy (2)*Nasturtium fluviatile* E.Mey. var. *brevistylum* Sond. (2)*Nasturtium integrifolium* Szyszyl. (2)

Perennial. Herb. Ht 0.3–0.6 m. Alt 0–2400 m. N, LIM, NW, G, M, FS, KZN, L, WC, EC

SCHLECHTERIA Bolus 3008000(1) Marais. 1970. *FSA* 13: 77.(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 379–382.**capensis** Bolus

- Perennial. Dwarf shrub. Ht 1.5–3 m. Alt 1200–1700 m. WC
- SENEBIERA** DC. 2884010
- coronopus* (L.) Poir. = **Coronopus squamatus**
didyma (L.) Pers. = **Coronopus didymus**
integrifolia DC. = **Coronopus integrifolius**
linoides DC. = **Coronopus integrifolius**
- SILICULARIA** Compton 2878010
- (1) Marais. 1970. *FSA* 13: 81, 82.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 379–382.
- polygaloides** (Schltr.) Marais
Heliophila polygaloides Schltr. (1)
S. sigillata Compton (1)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 950–1500 m. WC
- sigillata* Compton = **S. polygaloides**
- *SINAPIS** L. 2945000
- (1) Linnaeus. 1753. *Species plantarum* edn 1, 2: 668, 669.
(2) Schulz. 1919. *Das Pflanzenreich* 4,105,1, Heft 70: 117–136.
(3) Marais. 1970. *FSA* 13: 10, 11.
(4) Rich. 1991. *Crucifers of Great Britain and Ireland*: 94–97.
(5) Chater. 1993. *Flora europaea* edn 2, 1: 409, 410.
- alba** L.
Annual. Herb. Ht 0.3–0.6 m. Alt 0–1350 m. EC
- arvensis** L.
Brassica arvensis in sense of Burtt Davy, misapplied name (3)
Annual. Herb. Ht 0.5–1 m. Alt 250–1550 m. G, M, FS, KZN, EC
- incana* L. = **Hirschfeldia incana**
juncea L. = **Brassica juncea**
leptopetala DC. = **Erucastrum strigosum**
nigra L. = **Brassica nigra**
retrosa Burch. ex DC. = **Erucastrum strigosum**
- SISYMBRIUM** L. 2917000
- (1) Marais. 1970. *FSA* 13: 110–117.
(2) Rich. 1991. *Crucifers of Great Britain and Ireland*: 106–119.
- burchellii** DC. var. **burchellii**
S. gariepinum Burch. ex DC. (1)
Perennial. Herb. Ht 0.1–0.3 m. Alt 50–1700 m. N, B, FS, NC, WC, EC
- burchellii** DC. var. **dinteri** (O.E.Schulz) Marais
S. dinteri O.E.Schulz (1)
Perennial. Herb. Ht 0.3–0.7 m. Alt 1400–1800 m. N
- burchellii* DC. var. *turczaninowii* (Sond.) O.E.Schulz = **S. turczaninowii**
- capense** Thunb.
Annual. Herb. Ht 0.3–1 m. Alt 0–2300 m. G, M, FS, KZN, L, NC, WC, EC
- capense** Thunb. × **S. turczaninowii** Sond.
Annual. Herb. Ht 0.1–1 m. Alt 1200–1700 m. FS, L, NC, WC
- dinteri* O.E.Schulz = **S. burchellii** var. **dinteri**
dissitiflora O.E.Schulz
- Annual, occ. perennial. Herb. Ht 0.3–0.5 m. Alt 1200–1400 m. N
- gariepinum* Burch. ex DC. = **S. burchellii** var. **burchellii**
- *irio** L.
Annual. Herb. Ht 0.1–0.6 m. Alt 550–700 m. EC
- murale* L. = **Diplotaxis muralis**
- *officinale** (L.) Scop.
Erysimum officinale L. (1)
Annual. Herb. Ht 0.5–0.9 m. Alt 150–1750 m. LIM, G, KZN, WC, EC
- *orientale** L.
S. strigosum Thunb. in part (1)
Annual. Herb. Ht 0.3–1 m. Alt 0–2750 m. G, FS, KZN, L, NC, WC, EC
- strigosum* Thunb. in part = **S. orientale**
strigosum Thunb. in part = **Erucastrum strigosum**
thalianum J.Gay ex Monnard = **Arabidopsis thaliana**
- thellungii** O.E.Schulz
Brassica pachypoda Thell. (1)
Annual. Herb. Ht 0.25–0.6 m. Alt 0–1950 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC
- tripinnatum* DC. = **Descurainia sophia**
- turczaninowii** Sond.
S. burchellii DC. var. *turczaninowii* (Sond.) O.E.Schulz (1)
Annual. Herb. Ht 0.35–0.45 m. Alt 600–3100 m. NW, G, M, FS, KZN, L, NC, EC
- THLASPEOCARPA** C.A.Sm. 2879000
- (1) Marais. 1970. *FSA* 13: 77–79.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 379–383.
- capensis** (Sond.) C.A.Sm.
Palmstruckia capensis Sond. (1)
Annual. Herb. Ht 0.12–0.35 m. Alt 350–1600 m. NC, WC
- namaquensis** Marais
Annual. Herb. Ht 0.15–0.35 m. Alt 600–1200 m. NC
- *THLASPI** L. 2903000
- (1) Marais. 1970. *FSA* 13: 97.
(2) Rich. 1991. *Crucifers of Great Britain and Ireland*: 236–241.
- africanum* Burm.f. = **Lepidium africanum** subsp. **africanum**
- arvense** L.
Annual or biennial. Herb. Ht 0.1–0.3 m. Alt 500–550 m. EC
- bursa-pastoris* L. = **Capsella bursa-pastoris**
- *TURRITIS** L. 3000000
- (1) Marais. 1970. *FSA* 13: 104, 105.
- dregeana* Sond. = **T. glabra**
- glabra** L.
Arabis glabra (L.) Bernh. (1)
Arabis perfoliata Lam. (1)
T. dregeana Sond. (1)
Biennial. Herb. Ht 0.3–1 m. Alt 850–2350 m. LIM, M, KZN, L, EC

BRUNIACEAE

Compiled by M. Quint

AUDOINIA Brongn. 3283000

- (1) Pillans. 1947. *Journal of South African Botany* 13: 126, 127.
 (2) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 207.

capitata (L.) Brongn.

Perennial. Shrub, dwarf shrub. Ht 0.3–0.6 m. Alt 105–610 m. WC

BERARDIA Sond. 3289030

dregeana Sond. = **Raspalia dregeana**

fragarioides Schtdl. = **Nebelia fragarioides**

globosa Sond. = **Nebelia fragarioides**

microphylla Sond. = **Raspalia microphylla**

paleacea Brongn. = **Nebelia paleacea**

phylicoides Brongn. = **Raspalia phylicoides**

velutina Schltr. = **Raspalia dregeana**

BERZELIA Brongn. 3294000

- (1) Pillans. 1947. *Journal of South African Botany* 13: 186–199.
 (2) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 207, 208.

abrotanoides (L.) Brongn.

Perennial. Shrub. Ht 1–2 m. Alt 5–795 m. WC

arachnoidea (J.C.Wendl.) Eckl. & Zeyh. = **B. squarrosa**

burchellii Dummer

Perennial. Shrub. Ht 0.5–1.5 m. Alt 20–760 m. WC

commutata Sond.

B. comosa Eckl. & Zeyh. (1)

Perennial. Shrub. Ht up to 1 m. Alt 100–800 m. WC

comosa Eckl. & Zeyh. = **B. commutata**

cordifolia Schtdl.

Perennial. Shrub. Ht 0.5–1 m. Alt 90–1640 m. WC

dregeana Colozza

Perennial. Shrub. Ht 0.9–1.7 m. Alt 60–1100 m. WC

ecklonii Pillans

Perennial. Shrub. Ht 0.5–1.5 m. Alt 110–450 m. WC

galpinii Pillans

Perennial. Shrub. Ht 1–2 m. Alt 300–670 m. WC

incurva Pillans

Perennial. Shrub. Ht ?–1 m. Alt 400–580 m. WC

intermedia (D.Dietr.) Schtdl.

Perennial. Shrub. Ht 1–1.5 m. Alt 30–1500 m. WC

lanuginosa (L.) Brongn.

Perennial. Shrub. Ht 1.4–2 m. Alt 10–2000 m. WC

rubra Schtdl.

B. squarrosa (Thunb.) Sond. var. *reflexa* Sond. (1)

Perennial. Shrub. Ht 0.8–1 m. Alt 30–900 m. WC

squarrosa (Thunb.) Sond.

B. arachnoidea (J.C.Wendl.) Eckl. & Zeyh. (2)

Perennial. Shrub. Ht 0.9–2 m. Alt 500–2000 m. WC

squarrosa (Thunb.) Sond. var. *reflexa* Sond. = **B. rubra**

BRUNIA Lam. 3292000

- (1) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 92.
 (2) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 928.
 (3) Pillans. 1947. *Journal of South African Botany* 13: 178–186.
 (4) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 208.

albiflora E.Phillips

Perennial. Shrub. Ht 1–3 m. Alt 30–915 m. WC

alopecuroides Thunb.

Perennial. Shrub. Ht up to 2 m. Alt 365–1220 m. WC

capitellata E.Mey. = **Raspalia staavioides**

fragarioides Willd. = **Nebelia fragarioides**

globosa Thunb. = **Nebelia fragarioides**

laevis Thunb.

Perennial. Shrub. Ht 0.6–0.9 m. Alt 15–490 m. WC

laxa Thunb. = **Tittmannia laxa** var. *laxa*

macrocephala Willd.

B. marlothii Schltr. (3)

Perennial. Shrub. Ht 0.6–1.5 m. Alt 900–1525 m. WC

marlothii Schltr. = **B. macrocephala**

neglecta Schltr.

Perennial. Shrub. Ht 0.6–0.9 m. Alt 490–700 m. WC

nodiflora L.

Perennial. Shrub. Ht 0.6–0.9 m. Alt 10–1500 m. WC

paleacea P.J.Bergius = **Nebelia paleacea**

passerinoidea Schtdl. = **Raspalia phylicoides**

phylicoides E.Mey. = **Raspalia dregeana**

pinifolia Brongn. = **Pseudobaeckea africana**

racemosa Brongn. = **Pseudobaeckea cordata**

stokoei E.Phillips

Perennial. Shrub. Ht 1–2 m. Alt 250–915 m. WC

thyrsophora Walp. = **Pseudobaeckea africana**

verticillata Eckl. & Zeyh. = **Raspalia virgata**

LINCONIA L. 3287000

- (1) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 385.
 (2) Pillans. 1947. *Journal of South African Botany* 13: 130–133.
 (3) Powrie. 1969. *Journal of South African Botany* 35: 332–335.
 (4) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 208.
 (5) Oliver. 1999. *Bothalia* 29: 256–258.

ericoides Oliv.

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt up to 500 m. WC

alopecuroidea L.

L. cuspidata Eckl. & Zeyh. (2)

Perennial. Shrub, dwarf shrub. Ht 0.5–0.8 m. Alt up to 610 m. WC

cuspidata Eckl. & Zeyh. = **L. alopecuroidea**

cuspidata (Thunb.) Sw.

L. deusta (Thunb.) Pillans (3)

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 915–1525 m. WC

deusta (Thunb.) Pillans = **L. cuspidata**

tamariscina E.Mey. = **Pseudobaeckea africana**

LONCHOSTOMA Wikstr. 3286000

- (1) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 118.
 (2) Pillans. 1947. *Journal of South African Botany* 13: 133–138.
 (3) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1208.
 (4) Strid. 1968. *Botaniska Notiser* 121: 312–316.
 (5) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 208, 209.

acutiflorum Wikstr. = **L. myrtooides**

esterhuyseniae Strid

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt up to 1440 m. WC

monogynum (Vahl) Pillans

L. monostylis Sond. (2)

Perennial. Shrub, dwarf shrub. Ht 0.6–0.9 m. Alt 230–1750 m. WC

monostylis Sond. = **L. monogynum**

myrtooides (Vahl) Pillans

L. acutiflorum Wikstr. (2)

Perennial. Shrub, dwarf shrub. Ht 0.5–0.6 m. Alt up to 1370 m. WC

obtusiflorum Wikstr. = **L. pentandrum**

pentandrum (Thunb.) Druce

L. obtusiflorum Wikstr. (2)

Perennial. Shrub, dwarf shrub. Ht 0.4–0.6 m. Alt up to 1675 m. WC

purpureum Pillans

Perennial. Shrub, dwarf shrub. Ht 0.6–0.9 m. Alt up to 1755 m. WC

MNIOTHAMNEA Nied. 3293000

- (1) Pillans. 1947. *Journal of South African Botany* 13: 167–169.
 (2) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 209.

bullata Schltr.

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt up to 960 m. WC

callunoides (Oliv.) Nied.

M. micrantha Schltr. (1)

Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 500–1400 m. WC

micrantha Schltr. = **M. callunoides**

passerinoides C.H. Wright = **Raspalia virgata**

MOESSLERA Rchb. 3285030

lateriflora Eckl. & Zeyh. = **Tittmannia laxa** var. **laxa**

NEBELIA Neck. ex Sweet 3289000

- (1) Pillans. 1947. *Journal of South African Botany* 13: 161–167.
 (2) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 209.

fragarioides (Willd.) Kuntze

Berardia fragarioides Schldl. (1)

Berardia globosa Sond. (1)

Brunia fragarioides Willd. (1)

Brunia globosa Thunb. (1)

N. globosa Dummer (1)

Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 150–1370 m. WC

globosa Dummer = **N. fragarioides**

laevis (E.Mey.) Kuntze

Perennial. Shrub. Ht 0.8–1.5 m. Alt 580–1645 m. WC

paleacea (P.J.Bergius) Sweet

Berardia paleacea Brongn. (1)

Brunia paleacea P.J.Bergius (1)

Perennial. Shrub, dwarf shrub. Ht 0.4–1 m. Alt 45–1300 m. WC

sphaerocephala (Sond.) Kuntze

Perennial. Shrub. Ht 0.7–1.5 m. Alt up to 1525 m. WC

stokoei Pillans

Perennial. Shrub, dwarf shrub. Ht up to 0.6 m. Alt? WC

tulbaghensis Schltr. ex Dummer

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt? WC

PSEUDOBAECKEA Nied. 3291000

- (1) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 150.
 (2) Pillans. 1947. *Journal of South African Botany* 13: 138–143.
 (3) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 209.

africana (Burm.f.) Pillans

Brunia pinifolia Brongn. (2)

Brunia thyrsochophora Walp. (2)

Linconia tamariscina E.Mey. (2)

P. pinifolia Nied. (2)

Perennial. Shrub. Ht 2–3 m. Alt 180–1220 m. WC

cordata (Burm.f.) Nied.

Brunia racemosa Brongn. (2)

P. gracilis Dummer (2)

Perennial. Shrub. Ht 1–2 m. Alt 105–1540 m. WC

gracilis Dummer = **P. cordata**

pinifolia Nied. = **P. africana**

stokoei Pillans

Perennial. Shrub. Ht 0.5–0.6 m. Alt? WC

teres (Oliv.) Dummer

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt? WC

virgata Nied. = **Raspalia virgata**

RASPALIA Brongn. 3288000

- (1) Pillans. 1947. *Journal of South African Botany* 13: 147–161.
 (2) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 209, 210.

angulata (Sond.) Nied.

Perennial. Shrub, dwarf shrub. Ht 0.3–0.9 m. Alt up to 1675 m. WC

barnardii Pillans

Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? WC

dregeana (Sond.) Nied.

Berardia dregeana Sond. (1)

Berardia velutina Schltr. (1)

Brunia phyllicoides E.Mey. (1)

Perennial. Shrub. Ht 0.5–0.9 m. Alt? WC

globosa (Lam.) Pillans

R. squalida Dummer (1)

Perennial. Shrub, dwarf shrub. Ht 0.6–0.9 m. Alt 795–1525 m. WC

microphylla (Thunb.) Brongn.

Berardia microphylla Sond. (1)

Perennial. Shrub, dwarf shrub. Ht 0.6–1.5 m. Alt 150–2000 m. WC

oblongifolia Pillans

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 1200–1900 m. WC

palustris (Schltr. ex Kirchn.) Pillans

Perennial. Shrub. Ht 1.2–1.5 m. Alt up to 1675 m. WC

passerinoides C.Presl. = **R. phyllicoides**

phyllicoides (Thunb.) Arn.

Berardia phyllicoides Brongn. (1)

Brunia passerinoides Schldtl. (1)

R. passerinoides C.Presl. (1)

Perennial. Shrub, dwarf shrub. Ht 0.6–0.7 m. Alt up to 1325 m. WC

sacculata (Bolus ex Kirchn.) Pillans

Perennial. Shrub. Ht up to 1.5 m. Alt 960–1585 m. WC

schlechteri Dummer

Perennial. Shrub. Ht up to 2 m. Alt? WC

squalida Dummer = **R. globosa**

staavioides (Sond.) Pillans

Brunia capitellata E.Mey. (1)

Perennial. Shrub. Ht 0.7–0.8 m. Alt 610–1525 m. WC

stokoei Pillans

Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? WC

trigyna (Schltr.) Dummer

Perennial. Shrub. Ht 1.4–2 m. Alt up to 90 m. KZN

variabilis Pillans

Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt up to 2200 m. WC

villosa C.Presl

Perennial. Shrub. Ht 0.7–1 m. Alt up to 1525 m. WC

virgata (Brongn.) Pillans

Brunia verticillata Eckl. & Zeyh. (1)

Mniothamnea passerinoides C.H.Wright (1)

Pseudobaeckea virgata Nied. (1)

Perennial. Shrub, dwarf shrub. Ht 0.3–0.9 m. Alt 300–1500 m. WC

STAAVIA Dahl

3290000

(1) Verdoorn. 1944. *The Flowering Plants of South Africa* 24: t. 927.

(2) Pillans. 1947. *Journal of South African Botany* 13: 169–178.

(3) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 210.

(4) Jordaan. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 345.

brownii Dummer

Perennial. Shrub, dwarf shrub. Ht up to 0.6 m. Alt up to 200 m. WC

capitella (Thunb.) Sond.

S. comosa Colozza (3)

S. globosa Sond. (3)

S. lateriflora Colozza (3)

S. rupestris Eckl. & Zeyh. (4)

S. trichotoma (Thunb.) Pillans (3)

Perennial. Shrub. Ht 0.6–0.9 m. Alt 15–1220 m. WC

comosa Colozza = **S. capitella**

dodii Bolus

Perennial. Shrub. Ht 0.6–1 m. Alt 50–215 m. WC

dregeana C.Presl

S. radiata (L.) Dahl var. *glabra* Sond. (2)

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt? WC

glaucescens E.Mey. = **S. glutinosa**

globosa Sond. = **S. capitella**

glutinosa (L.) Dahl

S. glaucescens E.Mey. (2)

Perennial. Shrub. Ht 0.75–0.9 m. Alt 730–2500 m. WC

lateriflora Colozza = **S. capitella**

nuda Brongn. = **S. verticillata**

phyllicoides Pillans

Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt? WC

radiata (L.) Dahl

Perennial. Shrub, dwarf shrub. Ht 0.4–1 m. Alt 6–1220 m. WC

radiata (L.) Dahl var. *glabra* Sond. = **S. dregeana**

rupestris Eckl. & Zeyh. = **S. capitella**

trichotoma (Thunb.) Pillans = **S. capitella**

verticillata (L.f.) Pillans

S. nuda Brongn. (2)

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt up to 1675 m. WC

zeyheri Sond.

Perennial. Shrub. Ht up to 0.9 m. Alt up to 200 m. WC

THAMNEA Sol. ex Brongn.

3284000

(1) Pillans. 1947. *Journal of South African Botany* 13: 143–147.

(2) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 210, 211.

depressa Oliv.

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt? WC

diosmoides Oliv.

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt up to 1400 m. WC

gracilis (Kuntze) Oliv.

Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? WC

hirtella Oliv.

Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt up to 1300 m. WC

massoniana Dummer

Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt up to 1675 m. WC

thesioides Dummer

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt up to 1600 m. WC

uniflora Sol. ex Brongn.

Perennial. Dwarf shrub. Ht? Alt? WC

TITTMANNIA Brongn.

3285000

(1) Pillans. 1947. *Journal of South African Botany* 13: 127–130.

(2) Powrie. 1969. *Journal of South African Botany* 33: 363–365.

(3) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 211.

esterhuyseniae Powrie

Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt up to 915 m. WC

hispidia Pillans

Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt? WC

laevis Pillans

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 960–1675 m. WC

laxa (Thunb.) C.Presl var. **langebergensis** Pillans

Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt? WC

laxa (Thunb.) C.Presl var. **laxa**

Brunia laxa Thunb. (1)

Moessleria lateriflora Eckl. & Zeyh. (1)

T. oliveri Dummer (1)

T. pruinosa Dummer (1)

Perennial. Shrub, dwarf shrub. Ht 0.2–0.6 m. Alt 425–2100 m. WC

oliveri Dummer = **T. laxa** var. **laxa**

pruinosa Dummer = **T. laxa** var. **laxa**

BUDDLEJACEAE

Compiled by M. Jordaan

BUDDLEJA L.

6473000

- (1) Letty. 1928. *The Flowering Plants of South Africa* 8: t. 314.
 (2) Verdoorn. 1963. *FSA* 26: 159–168.
 (3) Leeuwenberg. 1979. *Mededelingen van de Landbouwhogeschool Wageningen* 79-6: 5–163.
 (4) Leeuwenberg. 1983. *FZ* 7,1: 333–343.

auriculata Benth.*B. auriculata* Benth. var. *euryifolia* Prain (2)Perennial. Shrub. Ht 1.2–3.5 m. Alt 900–2135 m.
LIM, M, S, KZN, EC*auriculata* Benth. var. *euryifolia* Prain = **B. auriculata***corrugata* (Benth.) E.Phillips = **B. loricata****dysophylla** (Benth.) Radlk.*Chilianthus dysophyllus* (Benth.) A.DC. (2)Perennial. Shrub or climber. Ht 0.9–7 m. Alt 45–1650 m.
M, S, KZN, EC**glomerata** H.L. Wendl.*Chilianthus lobulatus* (Benth.) A.DC. (2)Perennial. Shrub. Ht 1.2–3.5 m. Alt 516–1450 m. NC,
WC, EC**loricata** Leeuwenb.*B. corrugata* (Benth.) E.Phillips (3)*Chilianthus corrugatus* (Benth.) A.DC. (3)Perennial. Shrub. Ht 0.9–3.5 m. Alt 900–2805 m.
KZN, FS, L, EC**pulchella** N.E.Br.Perennial. Shrub or climber. Ht 0.8–3 m. Alt 45–1640 m.
LIM, S, KZN, EC**saligna** Willd.*Chilianthus oleaceus* Burch. (2)Perennial. Tree or shrub. Ht 0.5–7 m. Alt 40–1873 m.
LIM, NW, G, M, FS, KZN, NC, WC, EC**salviifolia** (L.) Lam.Perennial. Tree or shrub. Ht 1–8 m. Alt 10–2700 m.
LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC**CHILIANTHUS** Burch.

6473010

corrugatus (Benth.) A.DC. = **Buddleja loricata***dysophyllus* (Benth.) A.DC. = **Buddleja dysophylla***lobulatus* (Benth.) A.DC. = **Buddleja glomerata***oleaceus* Burch. = **Buddleja saligna****GOMPHOSTIGMA** Turcz.

6470000

- (1) Verdoorn. 1963.
- FSA*
- 26: 168–171.

- (2) Leeuwenberg. 1977.
- Mededelingen van de Landbouwhogeschool Wageningen*
- 77-8: 15–30.

- (3) Leeuwenberg. 1983.
- FZ*
- 7,1: 343, 344.

incomptum (L.f.) N.E.Br.Perennial. Dwarf shrub. Ht 0.3–0.9 m. Alt 1000–1435 m.
NC, WC**virgatum** (L.f.) Baill.Perennial. Shrub, dwarf shrub or herb. Ht 0.3–2 m. Alt 110–2410 m. N, B, LIM, NW, G, M, FS, KZN,
L, NC, WC, EC**LACHNOPYLIS** Hochst.

6469010

congesta (R.Br. ex Fresen.) C.A.Sm. = **Nuxia congesta***floribunda* (Benth.) C.A.Sm. = **Nuxia floribunda***glomerulata* C.A.Sm. = **Nuxia glomerulata***gracilis* (Engl.) C.A.Sm. = **Nuxia gracilis***oppositifolia* Hochst. = **Nuxia oppositifolia****NUXIA** Comm. ex Lam.

6469000

- (1) Verdoorn. 1963.
- FSA*
- 26: 150–159.

- (2) Leeuwenberg. 1975.
- Mededelingen van de Landbouwhogeschool Wageningen*
- 75-8: 1–78.

- (3) Leeuwenberg. 1983.
- FZ*
- 7,1: 349–353.

congesta R.Br. ex Fresen.*Lachnopylis congesta* (R.Br. ex Fresen.) C.A.Sm. (1)Perennial. Tree or shrub. Ht 1–20 m. Alt 30–1980 m.
B, LIM, NW, G, M, S, FS, KZN, EC**floribunda** Benth.*Lachnopylis floribunda* (Benth.) C.A.Sm. (1)Perennial. Tree or shrub. Ht 2–17 m. Alt 30–1980 m.
LIM, M, S, KZN, WC, EC**glomerulata** (C.A.Sm.) I. Verd.*Lachnopylis glomerulata* C.A.Sm. (1)Perennial. Tree or shrub. Ht 1–3 m. Alt 1200–1600 m.
NW, G**gracilis** Engl.*Lachnopylis gracilis* (Engl.) C.A.Sm. (1)Perennial. Shrub. Ht 1.2–4 m. Alt 915–1770 m. LIM,
M, NW, NC**oppositifolia** (Hochst.) Benth.*Lachnopylis oppositifolia* Hochst. (1)Perennial. Tree or shrub. Ht 1–7 m. Alt 50–1325 m. N,
LIM, M, S, KZN

BURSERACEAE

Compiled by R.H. Archer

BALSAMODENDRUM Kunth

4151010

africanum (A.Rich.) Arn. = **Commiphora africana** var.
africana*capense* Sond. = **Commiphora capensis***schimperi* O.Berg = **Commiphora schimperi****COMMIPHORA** Jacq.

4151000

- (1) Wild. 1963.
- FZ*
- 2: 269–285.

- (2) Van der Walt. 1986.
- FSA*
- 18: 5–34.

- (3) Gillett. 1991.
- FTEA*
- Burseraceae: 1–94.

africana (A.Rich.) Engl. var. **africana***Balsamodendrum africanum* (A.Rich.) Arn. (2)*C. calciicola* Engl. (2)

- C. sambesiaca* Engl. (2)
Heudelotia africana A.Rich. (2)
 Perennial. Tree, shrub, dwarf shrub. Ht 0.5–6.5 m. Alt 90–1310 m. N, B, LIM, NW, M, S, KZN
- anacardiifolia** Dinter & Engl.
 Perennial. Tree. Ht ± 9 m. Alt 800–1500 m. N
- angolensis** Engl.
C. kwebensis N.E.Br. (2)
C. nigrescens Engl. (2)
C. oliveri Engl. (2)
C. rehmannii Engl. (2)
 Perennial. Tree, shrub, dwarf shrub. Ht 0.5–7.5 m. Alt 155–1280 m. N, B, LIM, NW, M
- berberidifolia* Engl. = **C. glandulosa**
- betschuanica* Engl. = **C. schimperi**
- caerulea** Burtt
 Perennial. Tree. Ht 3–15 m. Alt 500–1500 m. B
- calciicola* Engl. = **C. africana** var. **africana**
- capensis** (Sond.) Engl.
Balsamodendrum capense Sond. (2)
 Perennial. Tree, shrub. Ht 0.6–3 m. Alt 330–610 m. N, NC
- caryaefolia* Oliv. = **C. woodii**
- cervifolia** J.J.A.van der Walt
 Perennial. Tree, shrub. Ht 0.5–3 m. Alt ± 800 m. N, NC
- chlorocarpa* Engl. = **C. edulis** subsp. **edulis**
- cinerea* Engl. = **C. mollis**
- crenato-serrata** Engl.
 Perennial. Tree, shrub. Ht 1–10 m. Alt 1250–1400 m. N
- dekindtiana* Engl. = **C. mollis**
- dinteri** Engl.
 Perennial. Tree, shrub. Ht 0.5–3 m. Alt 500–2166 m. N
- discolor** Mendes
 Perennial. Tree. Ht 3–9.14 m. Alt 1000–1300 m. N
- dulcis* Engl. = **C. saxicola**
- edulis** (Klotzsch) Engl. subsp. **edulis**
C. chlorocarpa Engl. (2)
 Perennial. Tree. Ht 3–6 m. Alt 450–1500 m. N, B, LIM
- giessii** J.J.A.van der Walt
 Perennial. Shrub, dwarf shrub. Ht 1.5–3 m. Alt 400–800 m. N
- glandulosa** Schinz
C. berberidifolia Engl. (2)
C. pyracanthoides Engl. subsp. *glandulosa* (Schinz) Wild (2)
 Perennial. Tree, shrub. Ht 0.5–10 m. Alt 30–1370 m. N, B, LIM, NW, G, M, S, KZN
- glaucescens** Engl.
C. pruinosa Engl. (2)
C. hereroensis Schinz (2)
 Perennial. Tree, shrub. Ht 1–9 m. Alt 550–1350 m. N
- gracilifrons** Dinter ex J.J.A.van der Walt
 Perennial. Tree, shrub. Ht 0.5–3 m. Alt 400–1035 m. N, NC
- harveyi** (Engl.) Engl.
Protium africanum Harv. (2)
 Perennial. Tree, shrub. Ht 2–20 m. Alt 5–1280 m. LIM, M, S, KZN, EC
- hereroensis* Schinz = **C. glaucescens**.
- karibensis** Wild
 Perennial. Tree. Ht 1–14 m. Alt ± 990 m. B
- kraeuseliana** Heine
 Perennial. Shrub. Ht 1.21–2 m. Alt ± 570 m. N
- kwebensis* N.E.Br. = **C. angolensis**
- marlothii** Engl.
 Perennial. Tree. Ht 2.5–10 m. Alt 305–1495 m. B, LIM, G, M
- merkeri* Engl. in part = **C. viminea**
- mollis** (Oliv.) Engl.
C. cinerea Engl. (2)
C. dekindtiana Engl. (2)
C. montana Engl. (2)
C. welwitschii Engl. (2)
 Perennial. Tree. Ht 1–9 m. Alt 109–1450 m. N, B, LIM, NW, M
- montana* Engl. = **C. mollis**
- mossambicensis** (Oliv.) Engl.
C. stolzii Engl. (2)
Proteum? mossambicense Oliv. (2)
 Perennial. Tree. Ht 3–12 m. Alt 915–1050 m. N, B
- multijuga** (Hiern) K.Schum.
 Perennial. Tree. Ht 2–8 m. Alt 100–550 m. N
- namaensis** Schinz
C. rotundifolia Dinter & Engl. (2)
 Perennial. Shrub. Ht 0.5–3 m. Alt 600–915 m. N, NC
- neglecta** I.Verd.
 Perennial. Tree. Ht 1–9 m. Alt 15–1310 m. LIM, NW, M, S, KZN
- nigrescens* Engl. = **C. angolensis**
- oblanceolata** Schinz
 Perennial. Shrub. Ht 1.2–3 m. Alt 500–1850 m. N
- oliveri* Engl. = **C. angolensis**
- porensis* Engl. = **Lannea schweinfurthii** var. **stuhlmannii**
- pruinosa* Engl. = **C. glaucescens**.
- pyracanthoides** Engl.
 Perennial. Tree, shrub. Ht 0.5–6 m. Alt 155–1800 m. N, B, LIM, NW, G, M, S, KZN
- pyracanthoides* Engl. subsp. *glandulosa* (Schinz) Wild = **C. glandulosa**
- rehmannii* Engl. = **C. angolensis**
- rotundifolia* Dinter & Engl. = **C. namaensis**
- sambesiaca* Engl. = **C. africana** var. **africana**
- saxicola** Engl.
C. dulcis Engl. (2)
 Perennial. Tree, shrub. Ht 0.2–4 m. Alt 50–450 m. N
- schimperi** (O.Berg) Engl.
Balsamodendrum schimperi O.Berg (2)
C. betschuanica Engl. (2)
 Perennial. Tree, shrub. Ht 1–6 m. Alt 60–1465 m. B, LIM, NW, S, KZN
- spondioides* Engl. = **C. zanzibarica**
- stolzii* Engl. = **C. mossambicensis**
- subglauc* Engl. = **Sclerocarya birrea** subsp. **caffra**
- tenuipetiolata** Engl.
 Perennial. Tree, shrub. Ht 1–12 m. Alt 305–1350 m. N, B, LIM, M

viminea Burt Davy*C. merkeri* Engl. in part (3)

Perennial. Tree. Ht 1–7 m. Alt 275–855 m. N, LIM, M

virgata Engl.Perennial. Tree, shrub. Ht 0.5–3 m. Alt 400–1000 m.
N*welwitschii* Engl. = **C. mollis****wildii** Merxm.

Perennial. Tree, shrub. Ht 0.5–2.5 m. Alt ± 450 m. N

woodii Engl.*C. caryaefolia* Oliv. (2)

Perennial. Tree. Ht 3–12 m. Alt 15–1370 m. S, KZN,

EC

zanzibarica (Baill.) Engl.*C. spondioides* Engl. (2)

Perennial. Tree. Ht 2–9 m. Alt 15–60 m. M, KZN

HEUDELOTIA A.Rich 4151020*africana* A.Rich. = **Commiphora africana** var. **africana****PROTIUM** in sense of Wight & Arn., not of Burm.f. 4151030*africanum* Harv. = **Commiphora harveyi**? *mossambicense* Oliv. = **Commiphora mossambicense****BUXACEAE**

Compiled by R.H. Archer

BUXELLA Tiegh. 4533000*macowanii* (Oliv.) Tiegh. = **Buxus macowanii****BUXUS** L. 4533000(1) Glen. 1996. *Bothalia* 26: 37–40.**macowanii** Oliv.*Buxella macowanii* (Oliv.) Tiegh. (1)*Notobuxus macowanii* (Oliv.) E.Phillips (1)

Perennial. Tree, shrub. Ht 1.5–10 m. Alt 15–1400 m.

LIM, NW, M, KZN, EC

natalensis (Oliv.) Hutch.*Notobuxus natalensis* Oliv. (1)Perennial. Tree, shrub. Ht 1–5 m. Alt 5–1100 m. KZN,
EC**NOTOBUXUS** Oliv. 4534000*macowanii* (Oliv.) E.Phillips = **Buxus macowanii***natalensis* Oliv. = **Buxus natalensis****CABOMBACEAE**

Compiled by R.P. Glen & C.D.K. Cook

BRASENIA Schreb. 2510000(1) Wild. 1961. *FZ* 1: 173–175.(2) Verdcourt. 1971. *FTEA* Cabombaceae: 1–3.**schreberi** J.F.Gmel.Perennial. Herb, hydrophyte: epiphyte. Ht depending
on depth of water. Alt 600–1450 m. B, M**CACTACEAE**

Compiled by H.F. Glen

***CEREUS** Mill. 5401000(1) Cabrera. 1965. *Flora de la Provincia de Buenos Aires* 4: 275–279.(2) Hunt. 1989. *European garden flora* 3: 222, 223.**jamacaru** DC.Perennial. Tree, succulent. Ht 2–7 m. Alt up to 1500
m. LIM, NW, G, M, S, KZN, EC***ECHINOPSIS** Zucc. 5406000(1) Hunt. 1989. *European garden flora* 3: 237–243.**spachiana** (Lem.) Friedrich & G.D.Rowley*Trichocereus spachianus* (Lem.) Riccob. (1)Perennial. Succulent. Ht 1–2 m. Alt up to 1500 m.
NW, FS, NC, WC, EC***HARRISIA** Britton 5401010(1) Obermeyer. 1976. *FSA* 22: 145, 146.(2) Hunt & Leuenberger. 1989. *European garden flora* 3: 211, 212.***martinii** (Labour.) BrittonPerennial. Climber, succulent. Ht ± 2 m. Alt 300–1600
m. KZN, WC***HYLOCEREUS** (A.Berger) Britton & Rose 5401060(1) Hunt. 1989. *European garden flora* 3: 212.**undatus** (Haw.) Saff.Perennial. Climber, succulent. Ht 1–2 m. Alt up to 500
m. M, KZN, WC, EC***OPUNTIA** Mill. 5417000(1) Obermeyer. 1976. *FSA* 22: 149–155.(2) Hunt. 1989. *European garden flora* 3: 297–300.**aurantiaca** Lindl.

- Perennial. Shrub, succulent. Ht ± 1 m. Alt up to 1750 m. NW, G, M, FS, KZN, NC, WC, EC
- dillenii* (Ker Gawl.) Haw. = **O. stricta**
- exaltata** A. Berger
Perennial. Shrub, succulent. Ht 4–5 m. Alt up to 2000 m. NW, G, FS, KZN, WC, EC
- ficus-indica** (L.) Mill.
Perennial. Tree, shrub, succulent. Ht 2–5 m. Alt up to 2250 m. LIM, NW, G, M, FS, KZN, NC, WC, EC
- imbricata** (Haw.) DC.
Perennial. Shrub, succulent. Ht ± 3 m. Alt 100–1900 m. LIM, NW, FS, NC, WC, EC
- leptocaulis** DC.
Perennial. Succulent, shrub. Ht up to 2 m. Alt 250–500 m. LIM, WC.
- lindheimeri** Engelm.
Perennial. Succulent, shrub. Ht 1–1.5 m. Alt 300–1200 m. EC
- microdasys** (Lehm.) Pfeiff.
Perennial. Dwarf shrub, succulent. Ht ± 0.6 m. Alt 300–1500 m. G, WC, EC
- robusta** H.L. Wendl. in Pfeiff.
Perennial. Succulent, shrub. Ht ± 5 m. Alt up to 2000 m. LIM, NW, FS, KZN, NC, WC, EC
- rosea** DC.
Perennial. Dwarf shrub, succulent. Ht 0.6–0.8 m. Alt 1050–1500 m. NW, G, FS, NC
- salmiana** Parm. in Pfeiff.
Perennial. Shrub, succulent. Ht ± 2 m. Alt 1250–1500 m. NW.

- spinulifera** Salm-Dyck
Perennial. Shrub, succulent. Ht ± 3 m. Alt 500–1650 m. M, KZN, EC
- stricta** Haw.
O. dillenii (Ker Gawl.) Haw. (2)
Perennial. Dwarf shrub, succulent. Ht 0.6–2 m. Alt up to 1500 m. N, LIM, NW, G, M, S, FS, KZN, NC, WC, EC
- vulgaris** Mill.
Perennial. Shrub, succulent. Ht 4–5 m. Alt up to 1650 m. G, M, KZN, WC, EC
- *PERESKIA** Mill. 5421000
(1) Obermeyer. 1976. *FSA* 22: 156.
(2) Hunt & Leuenberger. 1989. *European garden flora* 3: 210, 211.
- aculeata** Mill.
Perennial. Shrub, climber, succulent. Ht 3–15.24 m. Alt up to 2000 m. LIM, G, M, KZN, WC, EC
- RHIPSALIS** Gaertn. 5416000
(1) Obermeyer. 1976. *FSA* 22: 147, 148.
(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 139, 140.
(3) Barthlott & Taylor. 1995. *Bradleya* 13: 43–79.
- baccifera** (J. Mill.) Stearn subsp. **mauritiana** (DC.) Barthlott
Perennial. Epiphyte, succulent, lithophyte. Ht 0.5–3 m. Alt up to 1750 m. M, S, KZN, EC
- TRICHOCEREUS** (A. Berger) 5406001
Riccob.
spachianus (Lem.) Riccob. = **Echinopsis spachiana**

CALLITRICHACEAE

Compiled by R.H. Archer & R.P. Glen

- CALLITRICHE** L. 4530000
(1) Brown. 1912. *Bulletin of Miscellaneous Information, Kew* 1912: 276.
(2) Marloth. 1925. *The Flora of South Africa* 2, 2: 141.
- bolusii** Schönland & Pax ex Marloth
Annual. Herb, hydrophyte. Ht ± 0.07 m. Alt 20–765 m. WC, EC
- compressa** N.E. Br.
Annual. Herb, hydrophyte. Ht ± 0.05 m. Alt 50–1250 m. KZN

CAMPANULACEAE

Compiled by W.G. Welman & C.N. Cupido

- CAMPANULA** L. 8644000
- adpressa* Thunb. = **Wahlenbergia adpressa**
- capensis* L. = **Wahlenbergia capensis**
- capillacea* L.f. = **Wahlenbergia capillacea** subsp. **capillacea**
- cernua* Thunb. = **Wahlenbergia cernua**
- cinerea* L.f. = **Wahlenbergia cinerea**
- denticulata* Burch. = **Wahlenbergia denticulata** var. **denticulata**
- fasciculata* L.f. = **Wahlenbergia desmantha**
- hispidula* Thunb. = **Wahlenbergia hispidula**
- linearis* L.f. = **Microcodon lineare**
- paniculata* Thunb. = **Wahlenbergia paniculata**
- procumbens* Thunb. = **Wahlenbergia procumbens**
- sessiliflora* L.f. = **Wahlenbergia subulata** var. **subulata**
- tenella* L.f. = **Wahlenbergia tenella** var. **tenella**
- undulata* L.f. = **Wahlenbergia undulata**
- unidentata* L.f. = **Wahlenbergia unidentata**

- CEPHALOSTIGMA** A.DC. 8669000
hirsutum Edgew. = **Wahlenbergia hirsuta**
pyramidale Schinz = **Wahlenbergia ramosissima**
subsp. **lateralis**
- CERVICINA** Delile 8668020
campanuloides Delile = **Wahlenbergia campanuloides**
- CRATEROCAPSA** Hilliard & B.L.Burt 8668010
(1) Hilliard & Burt. 1973. *Notes from the Royal Botanic Garden Edinburgh* 32: 314–326.
congesta Hilliard & B.L.Burt
Perennial. Herb. Ht 0.03–0.08 m. Alt 1400–3475 m.
KZN, L, EC
insizwae (Zahlbr.) Hilliard & B.L.Burt
Roella insizwae Zahlbr. (1)
Wahlenbergia ovalis Brehmer (1)
Perennial. Herb. Ht 0.03–0.05 m. Alt 1250–1830 m.
KZN
montana (A.DC.) Hilliard & B.L.Burt
Wahlenbergia basutica E.Phillips (1)
Wahlenbergia montana A.DC. var. *montana* (1)
Perennial. Herb. Ht 0.03–0.05 m. Alt 1220–1850 m.
FS, L, EC
tarsodes Hilliard & B.L.Burt
Wahlenbergia montana A.DC. var. *angustisepala* Brehmer (1)
Wahlenbergia montana A.DC. var. *glabrata* Sond. (1)
Perennial. Herb. Ht 0.02–0.05 m. Alt 1200–2440 m.
LIM, M, S, FS, KZN, EC
- GUNILLAEA** Thulin 8663020
(1) Thulin. 1974. *Botaniska Notiser* 127: 165–182.
rhodesica (Adamson) Thulin
Prismatocarpus rhodesicus Adamson (1)
Annual. Herb. Ht 0.1–0.6 m. Alt 900–1000 m. N, B
- LEPTOCODON** Sond. 8665010
longebracteatum (H.Buek ex Eckl. & Zeyh.) Sond. =
Treichelia longebracteata
- LIGHTFOOTIA** L'Hér. 8670000
abyssinica Hochst. ex A.Rich. = **Wahlenbergia abyssinica**
subsp. **abyssinica**
adpressa (Thunb.) A.DC. = **Wahlenbergia adpressa**
albanensis Sond. = **Wahlenbergia cinerea**
albans Spreng. ex A.DC. = **Wahlenbergia albans**
albicaulis Sond. = **Wahlenbergia albicaulis**
angustifolia A.DC. = **Wahlenbergia rubens** var. **rubens**
anomala A.DC. = **Wahlenbergia thunbergiana**
asparagoides Adamson = **Wahlenbergia asparagoides**
axillaris Sond. = **Wahlenbergia axillaris**
brachiata Adamson = **Wahlenbergia brachiata**
brachyphylla Adamson = **Wahlenbergia brachyphylla**
buekii Sond. = **Wahlenbergia uitenhagensis** var. **filifolia**
calcarea Adamson = **Wahlenbergia calcarea**
caledonica Sond. = **Wahlenbergia dieterlenii**
capillaris H.Buek = **Wahlenbergia thulinii**
ciliata (Thunb.) Sond. var. *ciliata* = **Wahlenbergia uitenhagensis** var. **uitenhagensis**
ciliata (Thunb.) Sond. var. *debilis* Sond. = **Wahlenbergia uitenhagensis** var. **debilis**
cinerea (L.f.) Sond. = **Wahlenbergia cinerea**
cordata Adamson = **Wahlenbergia cordata**
denticulata (Burch.) Sond. var. *denticulata* = **Wahlenbergia denticulata** var. **denticulata**
denticulata (Burch.) Sond. var. *transvaalensis* Adamson = **Wahlenbergia denticulata** var. **transvaalensis**
dieterlenii E.Phillips = **Wahlenbergia dieterlenii**
diffusa H.Buek var. *diffusa* = **Wahlenbergia tenella** var. **tenella**
diffusa H.Buek var. *palustris* Adamson = **Wahlenbergia tenella** var. **palustris**
diffusa H.Buek var. *stokoei* Adamson = **Wahlenbergia tenella** var. **stokoei**
dinteri Engl. ex Dinter = **Wahlenbergia denticulata** var. **denticulata**
divaricata H.Buek var. *debilis* (Sond.) Adamson = **Wahlenbergia uitenhagensis** var. **debilis**
divaricata H.Buek var. *divaricata* = **Wahlenbergia uitenhagensis** var. **uitenhagensis**
divaricata H.Buek var. *filifolia* Adamson = **Wahlenbergia uitenhagensis** var. **filifolia**
effusa Adamson = **Wahlenbergia effusa**
erecta R.D.Good in part = **Wahlenbergia longifolia** var. **corymbosa**
erecta R.D.Good in part = **Wahlenbergia longifolia** var. **longifolia**
fasciculata (L.f.) A.DC. = **Wahlenbergia desmantha**
fruticosa Druce = **Wahlenbergia subulata** var. **subulata**
glomerata Engl. = **Wahlenbergia napiformis**
huttonii Sond. = **Wahlenbergia huttonii**
intricata Dinter & Markgr. = **Wahlenbergia denticulata** var. **denticulata**
juncea (H.Buek) Sond. = **Wahlenbergia juncea**
laricina H.Buek in part = **Wahlenbergia albans**
laricina H.Buek in part = **Wahlenbergia uitenhagensis** var. **filifolia**
laxiflora Sond. = **Wahlenbergia laxiflora**
longifolia A.DC. var. *corymbosa* Adamson = **Wahlenbergia longifolia** var. **corymbosa**
longifolia A.DC. var. *longifolia* = **Wahlenbergia longifolia** var. **longifolia**
longifolia A.DC. var. *oppositifolia* Sond. = **Wahlenbergia longifolia** var. **corymbosa**
lycopodioides A.DC. = **Wahlenbergia unidentata**
macrostachys A.DC. = **Wahlenbergia macrostachys**
marginata A.DC. = **Wahlenbergia napiformis**
microphylla Adamson = **Wahlenbergia microphylla**
multicaulis Adamson = **Wahlenbergia adamsonii**
multiflora Adamson = **Wahlenbergia polyantha**
namaquana Sond. = **Wahlenbergia sonderi**

napiformis A.DC. = **Wahlenbergia napiformis**
nodosa H.Buek = **Wahlenbergia nodosa**
oppositifolia A.DC. = **Wahlenbergia thulinii**
oxycoccoides L'Hér. = **Wahlenbergia parvifolia**
paniculata Sond. = **Wahlenbergia magaliesbergensis**
parvifolia (P.J.Bergius) Adamson = **Wahlenbergia parvifolia**
pauciflora Adamson = **Wahlenbergia oligantha**
planifolia Adamson = **Wahlenbergia riversdalensis**
rigida Adamson = **Wahlenbergia neorigida**
rubens H.Buek var. *brachyphylla* Adamson = **Wahlenbergia rubens** var. **brachyphylla**
rubens H.Buek var. *rubens* = **Wahlenbergia rubens** var. **rubens**
rubrioides Banks ex A.DC. var. *rubrioides* = **Wahlenbergia rubrioides** var. **rubrioides**
rubrioides Banks ex A.DC. var. *stokoei* Adamson = **Wahlenbergia rubrioides** var. **stokoei**
sessiliflora (L.f.) Sond. = **Wahlenbergia subulata** var. **subulata**
spicata H.Buek = **Wahlenbergia macrostachys**
squarrosa Adamson = **Wahlenbergia levynsiae**
stricta Adamson = **Wahlenbergia neostriata**
subulata L'Hér. var. *congesta* Adamson = **Wahlenbergia subulata** var. **congesta**
subulata L'Hér. var. *subulata* = **Wahlenbergia subulata** var. **subulata**
subulata L'Hér. var. *tenuifolia* Adamson = **Wahlenbergia subulata** var. **tenuifolia**
tenella (L.f.) A.DC., not of Lodd. = **Wahlenbergia tenella** var. **tenella**
tenella (L.f.) A.DC., not of Lodd. var. *fasciculata* (L.f.) Sond. = **Wahlenbergia desmantha**
tenella (L.f.) A.DC., not of Lodd. var. *microphylla* Sond. = **Wahlenbergia nodosa**
tenella (L.f.) A.DC., not of Lodd. var. *tenerrima* (H.Buek) Sond. = **Wahlenbergia tenerrima** var. **tenerrima**
tenella Lodd. var. *montana* Adamson = **Wahlenbergia tenerrima** var. **montana**
tenella Lodd. var. *tenella* = **Wahlenbergia tenerrima** var. **tenerrima**
tenerrima H.Buek = **Wahlenbergia tenerrima** var. **tenerrima**
tenuis Adamson = **Wahlenbergia pyrophila**
thunbergiana H.Buek = **Wahlenbergia thunbergiana**
uitenhagensis H.Buek = **Wahlenbergia uitenhagensis** var. **uitenhagensis**
umbellata Adamson = **Wahlenbergia umbellata**
unidentata (L.f.) A.DC. = **Wahlenbergia unidentata**

MERCIERA A.DC. 8661000
 (1) Adamson. 1954. *Journal of South African Botany* 20: 157–163.
 (2) Cupido. 2002. *Bothalia* 32: 74–76.

azurea Schltr. = **M. tenuifolia** var. **azurea**
brevifolia A.DC.

Perennial. Dwarf shrub, herb. Ht 0.05–0.2 m. Alt 300–610 m. WC
brevifolia A.DC. var. *leptoloba* (A.DC.) Sond. = **M. leptoloba**
eckloniana H.Buek ex Eckl. & Zeyh.
M. tenuifolia (L.f.) A.DC. var. *eckloniana* (H.Buek ex Eckl. & Zeyh.) Sond. (1)
 Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 450–1500 m. WC
heteromorpha H.Buek ex Eckl. & Zeyh. = **Carpacoce heteromorpha**
leptoloba A.DC.
M. brevifolia A.DC. var. *leptoloba* (A.DC.) Sond. (1)
 Perennial. Dwarf shrub, herb. Ht 0.15–0.2 m. Alt 50–400 m. WC
tenuifolia (L.f.) A.DC. var. **azurea** (Schltr.) Adamson
M. azurea Schltr. (1)
 Perennial. Dwarf shrub, herb. Ht 0.05–0.15 m. Alt 100–650 m. WC
tenuifolia (L.f.) A.DC. var. *eckloniana* (H.Buek ex Eckl. & Zeyh.) Sond. = **M. eckloniana**
tenuifolia (L.f.) A.DC. var. **tenuifolia**
Trachelium tenuifolium L.f. (1)
 Perennial. Dwarf shrub, herb. Ht 0.15–0.3 m. Alt 110–600 m. WC
tetraloba C.N.Cupido
 Perennial. Dwarf shrub, herb. Ht 0.05–0.15 m. Alt 30–350 m. WC
vaginata Adamson = **Carpacoce heteromorpha**

MICROCODON A.DC. 8677000
 (1) Sonder. 1865. *FC* 3: 564–566.

glomeratum A.DC.
 Annual. Herb. Ht 0.05–0.25 m. Alt 20–400 m. WC
hispidulum (Thunb.) Sond. = **Wahlenbergia hispidula**
lineare (L.f.) H.Buek
Campanula linearis L.f. (1)
 Annual. Herb. Ht 0.05–0.2 m. Alt 15–500 m. WC
longebracteatum H.Buek ex Eckl. & Zeyh. = **Treichelia longebracteata**
sparsiflorum A.DC.
 Annual. Herb. Ht 0.05–0.1 m. Alt 300–770 m. WC

NAMACODON Thulin 8663010
 (1) Thulin. 1974. *Botaniska Notiser* 127: 165–182.

schinzianum (Markgr.) Thulin
Prismatocarpus schinzianus Markgr. (1)
 Perennial. Dwarf shrub, herb. Ht 0.3–0.45 m. Alt 1400–2290 m. N

PRISMATOCARPUS L'Hér. 8663000
 (1) Adamson. 1951. *Journal of South African Botany* 17: 93–166.
 (2) Goldblatt & Manning. 2000. *Strelitzia* 9: 393, 394.

acerosus Schinz = **P. sessilis** var. **sessilis**
alpinus (Bond) Adamson
Roella alpina Bond (1)
 Perennial. Dwarf shrub, herb. Ht 0.05–0.1 m. Alt 1600–2135 m. WC
altiflorus L'Hér.
 Perennial. Dwarf shrub, herb. Ht 0.3–1 m. Alt? WC
brevilobus A.DC.

- Perennial. Dwarf shrub, herb. Ht 0.4–0.6 m. Alt 245–1830 m. WC
- burchellii* Vatke = **P. tenerrimus**
- campanuloides** (L.f.) Sond. var. **campanuloides**
Polemonium campanuloides L.f. (1)
Perennial. Dwarf shrub, herb. Ht 0.2–0.8 m. Alt 15–1100 m. WC, EC
- campanuloides** (L.f.) Sond. var. **dentatus** Adamson
Perennial. Dwarf shrub, herb. Ht 0.2–0.75 m. Alt? WC
- candolleanus** Cham.
Perennial. Dwarf shrub, herb. Ht 0.3–0.5 m. Alt 610–1000 m. WC
- cliffortioides** Adamson
Perennial. Dwarf shrub, herb. Ht 0.2–1 m. Alt ?–260 m. WC
- cordifolius** Adamson
Perennial. Dwarf shrub, herb. Ht 0.2–0.6 m. Alt 500–670 m. WC
- crispus** L'Hér.
Annual. Herb. Ht 0.2–0.5 m. Alt 50–335 m. NC, WC, EC
- debilis** Adamson var. **debilis**
P. nitidus L'Hér. var. *ovatus* Adamson (2)
Perennial. Dwarf shrub, herb. Ht 0.1–0.4 m. Alt 460–1690 m. WC
- debilis** Adamson var. **elongatus** Adamson
Perennial. Dwarf shrub, herb. Ht 0.1–0.4 m. Alt 520–915 m. WC
- decurrens** Adamson
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 1000–2000 m. WC
- diffusus** (L.f.) A.DC.
Trachelium diffusum L.f. (1)
Perennial. Dwarf shrub, herb. Ht 0.15–0.45 m. Alt 60–1400 m. WC
- fastigiatus** C.Presl ex A.DC.
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt? WC
- fruticosus** L'Hér.
Perennial. Shrub, dwarf shrub. Ht 0.3–0.5 m. Alt 60–1675 m. WC
- hildebrandtii** Vatke
Annual. Herb. Ht 0.2–0.5 m. Alt? WC
- hispidus** Adamson
Perennial. Dwarf shrub, herb. Ht 0.3–0.6 m. Alt 670–1000 m. WC
- hookeri* Sweet = **P. nitidus** var. **nitidus**
- implicatus** Adamson
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 610–1065 m. WC
- junceus* H.Buek = **Wahlenbergia juncea**
- lasiophyllus** Adamson
Perennial. Dwarf shrub, herb. Ht 0.05–0.25 m. Alt? WC
- lycioides** Adamson
Perennial. Dwarf shrub, herb. Ht 0.2–0.4 m. Alt? WC
- lycopodioides** A.DC. var. **hispidus** Adamson
Perennial. Dwarf shrub, herb. Ht 0.15–0.3 m. Alt ?–915 m. WC
- lycopodioides** A.DC. var. **lycopodioides**
P. subulatus (Thunb.) A.DC. var. *pauciflorus* Sond. (1)
- Perennial. Dwarf shrub, herb. Ht 0.1–0.2 m. Alt 1065–1400 m. WC
- nitidus** L'Hér. var. **nitidus**
P. hookeri Sweet (1)
Perennial. Dwarf shrub, herb. Ht 0.1–0.4 m. Alt 460–1370 m. WC
- nitidus* L'Hér. var. *ovatus* Adamson = **P. debilis** var. **debilis**
- pauciflorus** Adamson
Perennial. Dwarf shrub, herb. Ht 0.15–0.3 m. Alt 1000–1335 m. WC
- pedunculatus** (P.J.Bergius) A.DC.
P. roelloides (L.f.) Sond. (1)
Roella pedunculata P.J.Bergius (1)
Perennial. Dwarf shrub, herb. Ht 0.3–0.5 m. Alt 15–1525 m. WC
- pilosus** Adamson
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt? WC
- rhodesicus* Adamson = **Gunillaea rhodesica**
- roelloides* (L.f.) Sond. = **P. pedunculatus**
- rogersii** Fourc.
Perennial. Dwarf shrub, herb. Ht 0.3–0.5 m. Alt 245–835 m. WC
- schinzianus* Markgr. = **Namacodon schinzianum**
- schlechteri** Adamson
Perennial. Dwarf shrub, herb. Ht 0.2–0.4 m. Alt 15–1200 m. WC
- sessilis** Eckl. ex A.DC. var. **macrocarpus** Adamson
Perennial. Dwarf shrub, herb. Ht 0.3–0.6 m. Alt ?–100 m. WC
- sessilis** Eckl. ex A.DC. var. **sessilis**
P. acerosus Schinz (1)
Wahlenbergia filicaulis R.D.Good (1)
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 5–395 m. WC
- spinousus** Adamson
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt ?–300 m. WC
- subulatus* (Thunb.) A.DC. var. *pauciflorus* Sond. = **P. lycopodioides** var. **lycopodioides**
- tenellus** Oliv.
Perennial. Dwarf shrub, herb. Ht 0.1–0.5 m. Alt 1220–1370 m. WC
- tenerrimus** H.Buek
P. burchellii Vatke (1)
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 305–1525 m. WC
- virgatus** Fourc.
Perennial. Dwarf shrub, herb. Ht 0.3–0.6 m. Alt 915–1000 m. WC
- RHIGIOPHYLLUM** Hochst. 8664000
(1) Sonder. 1865. *FC* 3: 597.
(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 395.
- squarrosus** Hochst.
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 245–305 m. WC
- ROELLA** L. 8662000
(1) Adamson. 1951. *Journal of South African Botany* 17: 93–166.
(2) Dyer. 1951. *The Flowering Plants of Africa* 28: t. 1116.
(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 395, 396.

alpina Bond = **Prismatocarpus alpinus**

amplexicaulis Wolley-Dod

Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt? WC

arenaria Schltr.

Perennial. Dwarf shrub, herb. Ht 0.2–0.45 m. Alt 35–435 m. WC

bryoides H.Buek

Perennial. Dwarf shrub, herb. Ht 0.25–0.4 m. Alt 90–460 m. WC

ciliata L. (2)

R. ciliata L. var. *linnaeana* Sond. (1)

Perennial. Dwarf shrub, herb. Ht 0.2–0.6 m. Alt 30–610 m. WC

ciliata L. var. *incurva* (A.DC.) Sond. = **R. incurva**

ciliata L. var. *linnaeana* Sond. = **R. ciliata**

ciliata L. var. *triflora* R.D.Good = **R. triflora**

compacta Schltr.

R. cuspidata Adamson var. *cuspidata* (3)

R. cuspidata Adamson var. *hispida* Adamson (3)

Perennial. Dwarf shrub, herb. Ht 0.2–0.3 m. Alt 15–200 m. WC

cuspidata Adamson var. *cuspidata* = **R. compacta**

cuspidata Adamson var. *hispida* Adamson = **R. compacta**

decurrens L'Hér.

R. glabra Poir. (1)

Annual/Perennial. Dwarf shrub, herb. Ht 0.2–0.7 m. Alt ?–915 m. WC

dregeana A.DC. var. **dregeana**

R. leptosepala Sond. (1)

R. psammophila Schltr. (3)

Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 670–1170 m. WC

dregeana A.DC. var. **nitida** (Schltr.) Adamson

R. nitida Schltr. (1)

Perennial. Dwarf shrub, herb. Ht 0.1–0.2 m. Alt 670–1000 m. WC

dunantii A.DC.

R. reticulata A.DC. var. *dunantii* (A.DC.) Sond. (1)

Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 50–1500 m. WC

eckloniana H.Buek = **R. spicata** var. **spicata**

ericoides R.D.Good = **R. goodiana**

filiformis Lam. = **R. squarrosa**

glabra Poir. = **R. decurrens**

glomerata A.DC.

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 10–170 m. KZN, EC

goodiana Adamson

R. ericoides R.D.Good (1)

Perennial. Dwarf shrub, herb. Ht 0.1–0.25 m. Alt ?–235 m. WC

incurva A.DC.

R. ciliata L. var. *incurva* (A.DC.) Sond. (1)

R. rhodantha Adamson (3)

Perennial. Dwarf shrub, herb. Ht 0.1–0.4 m. Alt 45–1525 m. WC

incurva A.DC. var. *rigida* Adamson = **R. prostrata**

insizwae Zahlbr. = **Craterocapsa insizwae**

latiloba A.DC.

Perennial. Dwarf shrub, herb. Ht 0.15–0.3 m. Alt 25–? m. WC

leptosepala Sond. = **R. dregeana** var. **dregeana**

lightfootioides Schltr. = **R. spicata**

maculata Adamson

Perennial. Dwarf shrub, herb. Ht 0.2–0.35 m. Alt ?–470 m. WC

muscosa L.f.

Perennial. Herb. Ht 0.05–0.1 m. Alt 790–1000 m. WC

nitida Schltr. = **R. dregeana** var. **nitida**

pedunculata P.J.Bergius = **Prismatocarpus pedunculatus**

prostrata E.Mey. ex A.DC.

R. incurva A.DC. var. *rigida* Adamson (3)

R. reticulata A.DC. var. *reticulata* (1)

Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 20–915 m. WC

psammophila Schltr. = **R. dregeana** var. **dregeana**

recurvata A.DC.

Perennial. Dwarf shrub, herb. Ht 0.1–0.25 m. Alt ?–100 m. WC

reticulata A.DC. var. *dunantii* (A.DC.) Sond. = **R. dunantii**

reticulata A.DC. var. *reticulata* = **R. prostrata**

rhodantha Adamson = **R. incurva**

secunda H.Buek

Perennial. Dwarf shrub, herb. Ht 0.1–0.5 m. Alt 70–635 m. WC, EC

spicata L.f. var. **burchellii** Adamson

Perennial. Dwarf shrub, herb. Ht 0.2–0.4 m. Alt? WC

spicata L.f. var. **spicata**

R. eckloniana H.Buek (1)

R. lightfootioides Schltr. (3)

Perennial. Dwarf shrub, herb. Ht 0.2–0.4 m. Alt 15–1280 m. WC, EC

squarrosa P.J.Bergius

R. filiformis Lam. (1)

Perennial. Dwarf shrub, herb. Ht 0.2–0.6 m. Alt 185–915 m. WC

triflora (R.D.Good) Adamson

R. ciliata L. var. *triflora* R.D.Good (1)

Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 120–885 m. WC

SIPHOCODON Turcz.

8667000

(1) Sonder. 1865. *FC* 3: 596, 597.

(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 396.

debilis Schltr.

Perennial. Dwarf shrub, herb. Ht 0.15–0.3 m. Alt 45–1065 m. WC

spartioides Turcz.

Perennial. Dwarf shrub, herb. Ht 0.25–0.45 m. Alt 110–1000 m. WC

THEILERA E.Phillips

8677010

(1) Phillips. 1927. *Bothalia* 2: 369.

guthriei (L.Bolus) E.Phillips

Wahlenbergia guthriei L.Bolus (1)

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 365–1870 m. WC

TRACHELIUM L. 8653000*diffusum* L.f. = **Prismatocarpus diffusus***tenuifolium* L.f. = **Merciera tenuifolia** var. **tenuifolia****TREICHELIA** Vatke 8665000(1) Adamson. 1950. *Flora of the Cape Peninsula*: 745.**longebracteata** (H.Buek ex Eckl. & Zeyh.) Vatke*Leptocodon longebracteatum* (H.Buek ex Eckl. & Zeyh.) Sond. (1)*Microcodon longebracteatum* H.Buek ex Eckl. & Zeyh. (1)*Wahlenbergia depressa* Wolley-Dod (1)

Annual. Herb. Ht 0.05–0.2 m. Alt 85–? m. WC

WAHLENBERGIA Schrad. ex Roth 8668000(1) Sonder. 1865. *FC* 3: 530–604.(2) Von Brehmer. 1915. *Botanische Jahrbücher* 53: 9–143.(3) Dyer. 1934. *Kew Bulletin* 1934: 265.(4) Adamson. 1955. *Journal of South African Botany* 21: 156–211.(5) Roesler. 1966. *FSWA* 136: 4–9.(6) Hilliard & Burt. 1971. *Notes from the Royal Botanic Garden Edinburgh* 31: 2.(7) Thulin. 1975. *Symbolae Botanicae Upsaliensis* 21: 1–223.(8) Thulin. 1978. *Botaniska Notiser* 131: 67–70.(9) Hilliard & Burt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37: 293.(10) Hilliard & Burt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 195–198, 350–352.(11) Thulin. 1987. *Nordic Journal of Botany* 7: 261, 262.(12) Lammers. 1995. *Taxon* 44: 333–339.(13) Welman. 1996. *Bothalia* 26: 157.(14) Welman. 1997. *Bothalia* 27: 140.(15) Lammers. 1998. *Novon* 8: 31–35.(16) Goldblatt & Manning. 2000. *Strelitzia* 9: 396–401, 707, 708.(17) Lammers. 2001. *Novon* 11: 67, 68.**abyssinica** (Hochst. ex A.Rich.) Thulin subsp. **abyssinica***Lightfootia abyssinica* Hochst. ex A.Rich. (7)

Perennial. Herb. Ht 0.1–0.4 m. Alt 30–150 m. KZN

acaulis E.Mey.

Annual. Herb. Ht 0.02–0.05 m. Alt 670–1670 m. NC

acicularis Brehmer

Perennial. Herb. Ht 0.15–0.2 m. Alt 1750–2000 m. KZN

acuminata Brehmer

Annual. Herb. Ht 0.05–0.1 m. Alt ?–1920 m. WC

adamsonii Lammers*Lightfootia multicaulis* Adamson (12)

Perennial. Herb. Ht 0.04–0.08 m. Alt ?–1700 m. WC

adpressa (Thunb.) Sond.*Campanula adpressa* Thunb. (4)*Lightfootia adpressa* (Thunb.) A.D.C. (16)

Perennial. Herb. Ht 0.3–0.8 m. Alt 15–35 m. WC

albans (Spreng. ex A.D.C.) Lammers*Lightfootia albans* Spreng. ex A.D.C. (12)*Lightfootia laricina* H.Buek in part (4)

Perennial. Shrublet. Ht 0.2–0.5 m. Alt 305–1950 m. FS, L, NC, WC, EC

albicaulis (Sond.) Lammers*Lightfootia albicaulis* Sond. (12)*Lobelia cinerea* Thunb. (12)

Annual. Herb. Ht 0.03–0.05 m. Alt ?–1125 m. NC

androsacea A.D.C.*W. arenaria* A.D.C. (7)*W. glandulosa* Brehmer (16)*W. inhambanensis* Klotzsch (7)*W. nudicaulis* A.D.C. (54)*W. perennis* Brehmer (57)*W. rosulata* Brehmer (57)

Annual. Herb. Ht 0.05–0.5 m. Alt 20–2500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

annularis A.D.C.

Annual. Herb. Ht 0.1–0.6 m. Alt 30–1310 m. N, NC, WC

annuliformis Brehmer

Annual. Herb. Ht 0.4–0.5 m. Alt? WC

appressifolia Hilliard & B.L.Burt

Perennial. Herb. Ht 0.2–0.45 m. Alt 1570–2670 m. KZN, L

arenaria A.D.C. = **W. androsacea****asparagoides** (Adamson) Lammers*Lightfootia asparagoides* Adamson (12)

Perennial. Herb. Ht 0.3–1 m. Alt 10–45 m. NC, WC

asperifolia Brehmer

Annual. Herb. Ht 0.05–0.1 m. Alt? WC

axillaris (Sond.) Lammers*Lightfootia axillaris* Sond. (12)

Perennial. Shrublet. Ht 0.15–0.6 m. Alt 20–670 m. WC

banksiana A.D.C.*W. foliosa* Brehmer (7)*W. gracillima* S.Moore (7)*W. multiflora* Conrath (7)*W. okavangensis* N.E.Br. (7)

Perennial. Herb. Ht 0.15–0.5 m. Alt 1030–1555 m. N, B, LIM, NW, G, M, S, KZN

basutica E.Phillips = **Craterocapsa montana****bolusiana** Schltr. & Brehmer

Annual. Herb. Ht 0.15–0.2 m. Alt ?–225 m. WC

bowkerae Sond.

Annual. Herb. Ht 0.1–0.3 m. Alt? EC

brachiata (Adamson) Lammers*Lightfootia brachiata* Adamson (12)

Perennial. Herb. Ht 0.15–0.3 m. Alt ?–2000 m. LIM

brachycarpa Schltr.

Annual. Herb. Ht 0.1–0.25 m. Alt 120–560 m. WC

brachyphylla (Adamson) Lammers*Lightfootia brachyphylla* Adamson (12)

Perennial. Shrublet. Ht 0.05–0.3 m. Alt 670–1500 m. WC

brehmeri Lammers*W. rotundifolia* Lammers (15)

Annual. Herb. Ht 0.2–0.3 m. Alt ?–600 m. WC

brevisquamifolia Brehmer

Annual. Herb. Ht 0.15–0.35 m. Alt? M

buseriana Schltr. & Brehmer

Annual. Herb. Ht 0.1–0.2 m. Alt ?–275 m. NC

calcareae (Adamson) Lammers*Lightfootia calcarea* Adamson (12)

Perennial. Shrublet. Ht 0.1–0.3 m. Alt 2–200 m. WC

caledonica Sond. = **W. undulata****campanuloides** (Delile) Vatke*Cervicina campanuloides* Delile (7)*W. humifusa* Markgr. (7)

Annual. Herb. Ht 0.05–0.15 m. Alt? N, NC

capensis (L.) A.D.C.*Campanula capensis* L. (2)

Annual. Herb. Ht 0.1–0.5 m. Alt 10–700 m. NC, WC

capillacea (L.f.) A.D.C. subsp. **capillacea***Campanula capillacea* L.f. (7)*W. pinnata* Compton var. *simplicifolia* Compton (7)

Perennial. Herb. Ht 0.15–0.5 m. Alt 60–2135 m. M, S, FS, KZN, L, WC, EC

capillaris (H.Buek) Lammers = **W. thulinii**

capillata Brehmer

Perennial. Herb. Ht 0.3–0.45 m. Alt 1900–2435 m. FS, KZN

capillifolia E.Mey. ex Brehmer

Perennial. Herb. Ht 0.1–0.2 m. Alt ?–830 m. EC

cernua (Thunb.) A.DC.

Campanula cernua Thunb. (2)

W. ciliolata A.DC. (16)

Annual. Herb. Ht 0.15–0.7 m. Alt 100–2000 m. WC

ciliolata A.DC. = **W. cernua**

cinerea (L.f.) Lammers

Campanula cinerea L.f. (12)

Lightfootia albanensis Sond. (4)

Lightfootia cinerea (L.f.) Sond. (12)

Perennial. Shrublet. Ht 0.1–0.5 m. Alt 150–400 m. WC, EC

clavata Brehmer

Annual. Herb. Ht 0.15–0.25 m. Alt ?–830 m. EC

clavatula Brehmer

Annual. Herb. Ht 0.15–0.2 m. Alt? WC

claviculata E.Mey. = **W. exilis**

compacta Brehmer

Perennial. Herb. Ht 0.3–0.35 m. Alt? WC

congestifolia Brehmer

Annual. Herb. Ht 0.4–0.5 m. Alt 600–1150 m. KZN, L, EC

constricta Brehmer

Perennial. Herb. Ht 0.15–0.35 m. Alt 70–? m. WC

cooperi Brehmer

Annual. Herb. Ht 0.04–0.08 m. Alt? L, EC

cordata (Adamson) Lammers

Lightfootia cordata Adamson (12)

Perennial. Shrublet, herb. Ht 0.03–0.05 m. Alt 1830–2135 m. WC

costata A.DC.

Annual. Herb. Ht 0.05–0.15 m. Alt 270–1125 m. NC

cuspidata Brehmer

W. dentifera Brehmer (10)

W. furcata Brehmer (10)

Perennial. Herb. Ht 0.3–0.6 m. Alt 1220–2670 m. KZN, EC

debilis H.Buek

Annual. Herb. Ht 0.05–0.1 m. Alt? WC

decipiens A.DC.

Perennial. Herb. Ht 0.05–0.15 m. Alt 15–330 m. WC

densicaulis Brehmer

W. sabulosa Brehmer (5)

Annual. Herb. Ht 0.05–0.15 m. Alt ?–1100 m. N

dentata Brehmer

Perennial. Herb. Ht 0.15–0.35 m. Alt 835–1472 m. EC

denticulata (Burch.) A.DC. var. **denticulata**

Campanula denticulata Burch. (7)

Lightfootia denticulata (Burch.) Sond. var. *denticulata* (7)

Lightfootia dinteri Engl. ex Dinter (7)

Lightfootia intricata Dinter & Markgr. (5)

Perennial. Herb. Ht 0.1–0.25 m. Alt 505–1950 m. N, B, LIM, NW, G, M, FS, L, NC, EC

denticulata (Burch.) A.DC. var. **transvaalensis** (Adamson) W.G. Welman

Lightfootia denticulata (Burch.) Sond. var. *transvaalensis* Adamson (13)

Perennial. Herb. Ht 0.15–0.45 m. Alt 370–1555 m. LIM, NW, G, M, FS, KZN, NC, EC

dentifera Brehmer = **W. cuspidata**

denudata A.DC.

Annual. Herb. Ht 0.15–0.3 m. Alt 830–2150 m. KZN, EC

depressa J.M. Wood & M.S. Evans

Perennial. Herb. Ht 0.1–0.2 m. Alt 1500–2000 m. G, FS, L

depressa Wolley-Dod = **Treichelia longibracteata**

desmantha Lammers

Campanula fasciculata L.f. (12)

Lightfootia fasciculata (L.f.) A.DC. (12)

Lightfootia tenella (L.f.) A.DC., not of Lodd. var. *fasciculata* (L.f.) Sond. (12)

Perennial. Shrublet. Ht 0.2–0.8 m. Alt 185–485 m. WC

dichotoma A.DC.

W. parviflora A.DC. (2)

Annual. Herb. Ht 0.08–0.3 m. Alt? WC

dieterlenii (E. Phillips) Lammers

Lightfootia caledonica Sond. (12)

Lightfootia dieterlenii E. Phillips (12)

Perennial. Shrublet. Ht 0.2–0.5 m. Alt 1675–2000 m. NW, G, FS, L

dilatata Brehmer

Annual. Herb. Ht 0.05–0.07 m. Alt ?–700 m. EC

dinteri Brehmer = **W. undulata**

distincta Brehmer

Annual. Herb. Ht 0.2–0.3 m. Alt ?–150 m. WC

divergens A.DC.

Annual. Herb. Ht 0.05–0.15 m. Alt 365–1135 m. NC

doleritica Hilliard & B.L. Burt

Perennial. Herb. Ht 0.04–0.15 m. Alt ?–2735 m. KZN

dregeana A.DC. = **W. ecklonii**

dunantii A.DC.

Annual. Herb. Ht 0.05–0.1 m. Alt? WC

ecklonii H.Buek

W. dregeana A.DC. (2)

W. macra Schltr. & Brehmer (16)

W. swellendamensis H.Buek (16)

W. turbinata A.DC. (2)

Perennial. Herb. Ht 0.1–0.3 m. Alt 5–3350 m. NC, WC, EC

effusa (Adamson) Lammers

Lightfootia effusa Adamson (12)

Perennial. Shrublet. Ht 0.1–0.3 m. Alt? WC

epacridea Sond.

Perennial. Herb. Ht 0.1–0.5 m. Alt 1370–2200 m. M, S, KZN

erophiloides Markgr.

W. pavidula Launert (5)

Annual. Herb. Ht 0.03–0.15 m. Alt? N

exilis A.DC.

W. claviculata E.Mey. (2)

Annual. Herb. Ht 0.05–0.25 m. Alt 30–765 m. WC

fasciculata Brehmer

Perennial. Herb. Ht 0.15–0.35 m. Alt 1385–2500 m. FS, KZN, L, EC

filicaulis R.D. Good = **Prismatocarpus sessilis** var. **sessilis**

- filipes** Brehmer
Annual. Herb. Ht 0.1–0.15 m. Alt ?–800 m. NC
- fistulosa** Brehmer
Annual. Herb. Ht 0.2–0.45 m. Alt? KZN
- floribunda** Schltr. & Brehmer
Annual. Herb. Ht 0.05–0.15 m. Alt ?–530 m. NC
- foliosa** Brehmer = **W. banksiana**
- fruticosa** Brehmer
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt ?–500 m. WC
- furcata** Brehmer = **W. cuspidata**
- galpiniae** Schltr.
Perennial. Herb. Ht 0.2–0.5 m. Alt 2000–2170 m. EC
- galpinii** E.Phillips = **W. lobulata**
- glandulifera** Brehmer
Annual. Herb. Ht 0.2–0.7 m. Alt ?–700 m. KZN
- glandulosa** Brehmer = **W. androsacea**
- gracilis** E.Mey.
Annual. Herb. Ht 0.1–0.2 m. Alt 35–800 m. WC
- gracillima** S.Moore = **W. banksiana**
- grandiflora** Brehmer
Perennial. Herb. Ht 0.3–0.9 m. Alt 50–2000 m. LIM, KZN, EC
- guthriei** L.Bolus = **Theilera guthriei**
- hirsuta** (Edgew.) Tuyn
Cephalostigma hirsutum Edgew. (7)
Annual. Herb. Ht 0.04–0.3 m. Alt? N
- hispidula** (Thunb.) A.DC.
Campanula hispidula Thunb. (2)
Microcodon hispidulum (Thunb.) Sond. (16)
Annual. Herb. Ht 0.05–0.15 m. Alt 85–570 m. WC
- humifusa** Markgr. = **W. campanuloides**
- huttonii** (Sond.) Thulin
Lightfootia huttonii Sond. (7)
Perennial. Herb. Ht 0.1–0.45 m. Alt 30–2285 m. LIM, M, S, KZN, EC
- ingrata** A.DC.
Annual. Herb. Ht 0.05–0.1 m. Alt 400–530 m. NC
- inhambanensis** Klotzsch = **W. androsacea**
- intricatissima** Dinter ex Range = **W. patula**
- juncea** (H.Buek) Lammers
Lightfootia juncea (H.Buek) Sond. (12)
Prismatocarpus junceus H.Buek (12)
Perennial. Herb. Ht 0.2–0.5 m. Alt 700–1830 m. EC
- kowiensis** R.A.Dyer
Annual. Herb. Ht 0.1–0.2 m. Alt 35–200 m. EC
- krebsii** Cham. subsp. **krebsii**
W. zeyheri H.Buek (7)
Perennial. Herb. Ht 0.2–1 m. Alt 100–3200 m. LIM, M, S, FS, KZN, L, EC
- lasiocarpa** Schltr. & Brehmer
Perennial. Herb. Ht 0.3–0.6 m. Alt ?–530 m. NC
- lateralis** Brehmer = **W. ramosissima** subsp. **lateralis**
- laxiflora** (Sond.) Lammers
Lightfootia laxiflora Sond. (12)
Perennial. Herb. Ht 0.2–0.6 m. Alt ?–1535 m. EC
- levynsiae** Lammers
Lightfootia squarrosa Adamson (12)
Perennial. Shrublet. Ht 0.25–0.35 m. Alt ?–200 m. WC
- littoralis** Schltr. & Brehmer = **W. orae**
- lobata** Brehmer
Annual. Herb. Ht 0.05–0.1 m. Alt? WC
- lobulata** Brehmer
W. galpinii E.Phillips (9)
W. monotropa Killick (9)
Annual. Herb. Ht 0.05–0.15 m. Alt 2275–3240 m. KZN, L, EC
- longifolia** (A.DC.) Lammers var. **corymbosa** (Adamson) W.G.Welman
Lightfootia erecta R.D.Good in part (4)
Lightfootia longifolia A.DC. var. **corymbosa** Adamson (13)
Lightfootia longifolia A.DC. var. **oppositifolia** Sond. (4)
Perennial. Shrublet. Ht 0.1–0.3 m. Alt? WC
- longifolia** (A.DC.) Lammers var. **longifolia**
Lightfootia erecta R.D.Good in part (4)
Lightfootia longifolia A.DC. var. **longifolia** (12)
Perennial. Shrublet. Ht 0.15–0.4 m. Alt 30–230 m. WC
- longisepala** Brehmer
Perennial. Herb. Ht 0.05–0.15 m. Alt 20–300 m. WC
- longisquamifolia** Brehmer
Annual. Herb. Ht 0.2–0.3 m. Alt? EC
- lycopodioides** Schltr. & Brehmer
Perennial. Herb. Ht 0.05–0.25 m. Alt 915–2300 m. LIM, NW, G, M, FS, KZN, L, EC
- macra** Schltr. & Brehmer = **W. ecklonii**
- macrostachys** (A.DC.) Lammers
Lightfootia macrostachys A.DC. (12)
Lightfootia spicata H.Buek (12)
Perennial. Shrublet. Ht 0.2–0.5 m. Alt 870–1670 m. WC
- maculata** Brehmer
Annual. Herb. Ht 0.2–0.4 m. Alt 30–2000 m. WC
- madagascariensis** A.DC.
W. oppositifolia DC. (7)
Annual. Herb. Length 0.15–0.3 m. Alt 10–1830 m. LIM, M, S, KZN, EC
- magaliesbergensis** Lammers
Lightfootia paniculata Sond. (12)
Perennial. Shrublet. Ht 0.2–0.4 m. Alt 1220–2195 m. LIM, NW, G, M
- massonii** A.DC.
Annual. Herb. Ht 0.1–0.2 m. Alt? WC
- meyeri** A.DC.
Annual. Herb. Ht 0.05–0.2 m. Alt 630–750 m. NC, WC
- microphylla** (Adamson) Lammers
Lightfootia microphylla Adamson (12)
Perennial. Shrublet. Ht 0.15–0.25 m. Alt? WC
- minuta** Brehmer
Annual. Herb. Ht 0.05–0.1 m. Alt? NC, WC
- mollis** Brehmer
Annual, occ. perennial. Herb. Ht 0.1–0.2 m. Alt ?–500 m. WC
- monotropa** Killick = **W. lobulata**
- montana** A.DC. var. **angustisepala** Brehmer = **Craterocapsa tarsodes**
- montana** A.DC. var. **glabrata** Sond. = **Craterocapsa tarsodes**

montana A.DC. var. *montana* = **Craterocapsa montana**

multiflora Conrath = **W. banksiana**

namaquana Sond.

Annual. Herb. Ht 0.15–0.35 m. Alt? NC

nana Brehmer

Annual. Herb. Ht 0.15–0.25 m. Alt ?–1400 m. N, FS

napiformis (A.DC.) Thulin

Lightfootia glomerata Engl. (7)

Lightfootia marginata A.DC. (7)

Lightfootia napiformis A.DC. (7)

Perennial. Herb. Ht 0.3–0.8 m. Alt ?–1000 m. N, B

neorigida Lammers

Lightfootia rigida Adamson (12)

Perennial. Shrublet. Ht 0.3–0.6 m. Alt 130–1675 m. WC, EC

neostriata Lammers

Lightfootia stricta Adamson (12)

Perennial. Shrublet. Ht 0.15–0.4 m. Alt? WC

nodosa (H.Buek) Lammers

Lightfootia nodosa H.Buek (12)

Lightfootia tenella (L.f.) A.DC., not of Lodd. var. *microphylla* Sond. (12)

Perennial. Shrublet. Ht 0.2–0.45 m. Alt 40–1830 m. FS, NC, WC, EC

nudicaulis A.DC. = **W. androsacea**

obovata Brehmer

Annual. Herb. Ht 0.3–0.5 m. Alt 15–870 m. WC

okavangensis N.E.Br. = **W. banksiana**

oligantha Lammers

Lightfootia pauciflora Adamson (12)

Perennial. Shrublet. Ht 0.2–0.45 m. Alt 160–? m. WC

oligotricha Schltr. & Brehmer

Annual. Herb. Ht 0.1–0.2 m. Alt ?–870 m. NC, WC

ocarpa Sond.

Annual. Herb. Ht 0.1–0.15 m. Alt? EC

oppositifolia DC. = **W. madagascariensis**

orae Lammers

W. littoralis Schltr. & Brehmer (17)

Perennial. Herb. Ht 0.15–0.3 m. Alt 35–70 m. EC

ovalis Brehmer = **Craterocapsa insizwae**

oxyphylla A.DC.

W. steingroeveri Engl. (5)

Perennial. Dwarf shrub, herb. Ht 0.1–0.25 m. Alt 170–1600 m. N, NC, WC

pallidiflora Hilliard & B.L.Burtt

Perennial. Herb. Ht 0.3–0.5 m. Alt 1670–2170 m. KZN

paniculata (Thunb.) A.DC.

Campanula paniculata Thunb. (2)

Annual. Herb. Ht 0.05–0.15 m. Alt 20–1500 m. NW, G, FS, L, NC, WC

parviflora A.DC. = **W. dichotoma**

parvifolia (P.J.Bergius) Lammers

Lightfootia oxycoccoides L'Hér. (4)

Lightfootia parvifolia (P.J.Bergius) Adamson (12)

Lobelia parvifolia P.J.Bergius (4)

Perennial. Shrublet. Ht 0.15–0.45 m. Alt 60–1675 m. WC

patula A.DC.

W. intricatissima Dinter ex Range (5)

Annual. Herb. Ht 0.15–0.5 m. Alt 80–1300 m. N, NC

paucidentata Schinz

Perennial. Herb. Ht 0.3–0.6 m. Alt 1045–2400 m. KZN, L, EC

pauciflora A.DC.

Annual. Herb. Ht 0.2–0.3 m. Alt ?–1175 m. NC

pavida Launert = **W. erophilooides**

perennis Brehmer = **W. androsacea**

pilosa A.DC. = **W. polyclada**

pilosa H.Buek

Annual. Herb. Ht 0.05–0.15 m. Alt 100–500 m. WC

pinifolia N.E.Br.

Perennial. Herb. Ht 0.05–0.15 m. Alt 1600–2000 m. KZN

pinnata Compton

Perennial. Herb. Ht 0.2–0.5 m. Alt 1065–1525 m. S, KZN

pinnata Compton var. *simplicifolia* Compton = **W. capillacea** subsp. **capillacea**

polyantha Lammers

Lightfootia multiflora Adamson (12)

Perennial. Shrublet. Ht 0.2–0.3 m. Alt 45–335 m. WC

polychotoma Brehmer = **W. undulata**

polyclada A.DC.

W. pilosa A.DC. (2)

Annual. Herb. Ht 0.05–0.15 m. Alt? WC

polytrichifolia Schltr. subsp. **dracomontana** Hilliard & B.L.Burtt

Perennial. Herb. Ht 0.03–0.12 m. Alt 2300–3665 m. KZN, L, EC

polytrichifolia Schltr. subsp. **polytrichifolia**

Perennial. Herb. Ht 0.03–0.12 m. Alt ?–2200 m. EC

procumbens (Thunb.) A.DC.

Campanula procumbens Thunb. (2)

Perennial. Herb. Length 0.05–0.4 m. Alt 5–1830 m. WC, EC

prostrata A.DC.

Annual. Herb. Ht 0.05–0.15 m. Alt 130–1100 m. N, NC

psammophila Schltr.

Annual. Herb. Ht 0.05–0.1 m. Alt 270–800 m. N, NC

pseudoandrosacea Brehmer

Annual. Herb. Ht 0.2–0.4 m. Alt? WC, EC

pseudoinhambanensis Brehmer

Perennial. Herb. Ht 0.4–0.5 m. Alt ?–900 m. EC

pseudonudicaulis Brehmer

Annual. Herb. Ht 0.2–0.3 m. Alt ?–600 m. EC

pulvillus-gigantis Hilliard & B.L.Burtt

Perennial. Herb. Ht 0.1–0.2 m. Alt 2180–2920 m. KZN, L

pyrophila Lammers

Lightfootia tenuis Adamson (12)

Perennial. Shrublet. Ht 0.1–0.3 m. Alt? WC

ramifera Brehmer

Annual. Herb. Ht 0.15–0.25 m. Alt? WC

ramosissima (Hemsl.) Thulin subsp. **lateralis** (Brehmer) Thulin

Cephalostigma pyramidale Schinz (7)

W. lateralis Brehmer (7)

Annual. Herb. Ht 0.1–0.4 m. Alt 835–1100 m. N, B

- ramulosa** E.Mey.
Annual. Herb. Ht 0.05–0.1 m. Alt 300–435 m. WC
- rara** Schltr. & Brehmer
Annual. Herb. Ht 0.15–0.2 m. Alt ?–275 m. NC
- rhytidosperma** Thulin
Perennial. Herb. Ht 0.05–0.15 m. Alt 1200–2150 m. LIM, M
- riversdalensis** Lammers
Lightfootia planifolia Adamson (12)
Perennial. Herb. Ht 0.2–0.4 m. Alt 270–370 m. WC
- rivularis** Diels
W. tysonii Zahlbr. (2)
Perennial. Herb. Ht 0.4–0.6 m. Alt 800–3050 m. M, FS, KZN, EC
- robusta** Sond.
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 200–1270 m. WC, EC
- roelliflora** Schltr. & Brehmer
Annual. Herb. Ht 0.05–0.1 m. Alt ?–530 m. NC
- rosulata** Brehmer = **W. androsacea**
- rotundifolia** Brehmer = **W. brehmeri**
- rubens** (H.Buek) Lammers var. **brachyphylla** (Adamson) W.G.Welman
Lightfootia rubens H.Buek var. *brachyphylla* Adamson (13)
Perennial. Shrublet. Ht 0.2–0.5 m. Alt ?–170 m. WC
- rubens** (H.Buek) Lammers var. **rubens**
Lightfootia angustifolia A.DC. (4)
Lightfootia rubens H.Buek var. *rubens* (12)
Perennial. Shrublet. Ht 0.2–0.5 m. Alt 45–1000 m. WC, EC
- rubioides** (Banks ex A.DC.) Lammers var. **rubioides**
Lightfootia rubioides Banks ex A.DC. var. *rubioides* (12)
Perennial. Shrublet. Ht 0.1–0.3 m. Alt 10–1830 m. WC
- rubioides** (Banks ex A.DC.) Lammers var. **stokoei** (Adamson) W.G.Welman
Lightfootia rubioides Banks ex A.DC. var. *stokoei* Adamson (13)
Perennial. Shrublet. Ht 0.2–0.4 m. Alt? WC
- sabulosa** Brehmer = **W. densicaulis**
- saxifragoides** Brehmer
Perennial. Herb. Length 0.05–0.4 m. Alt 35–? m. WC
- schistacea** Brehmer
Annual. Herb. Ht 0.1–0.4 m. Alt 650–700 m. WC
- schlechteri** Brehmer
Annual. Herb. Ht 0.1–0.4 m. Alt ?–650 m. NC
- scoparia** Brehmer = **W. undulata**
- scopella** Brehmer
Annual. Herb. Ht 0.1–0.2 m. Alt? WC
- serpentina** Brehmer
Annual. Herb. Ht 0.25–0.35 m. Alt? WC
- sessiliflora** Brehmer
Annual. Herb. Ht 0.05–0.15 m. Alt? WC
- sonderi** Lammers
Lightfootia namaquana Sond. (12)
Annual. Herb. Ht 0.1–0.3 m. Alt ?–270 m. NC, WC
- sphaerica** Brehmer
Annual. Herb. Ht 0.1–0.3 m. Alt? WC
- squamifolia** Brehmer
Perennial. Herb. Ht 0.15–0.45 m. Alt 910–2420 m. LIM, G, M, S, FS, KZN
- squarrosa** Brehmer
Annual. Herb. Ht 0.05–0.2 m. Alt ?–800 m. NC
- steingroeveri** Engl. = **W. oxyphylla**
- stellarioides** Cham. & Schtdl.
Annual. Herb. Ht 0.1–0.3 m. Alt 15–1670 m. KZN, EC
- subfusiformis** Brehmer
Annual. Herb. Ht 0.2–0.25 m. Alt? LIM
- subnuda** Conrath = **W. virgata**
- subpilosa** Brehmer
Annual. Herb. Ht 0.1–0.2 m. Alt? WC
- subrosulata** Brehmer
Annual. Herb. Ht 0.1–0.5 m. Alt 130–1000 m. N, NC
- subtilis** Brehmer
Annual. Herb. Ht 0.2–0.25 m. Alt? WC
- subulata** (L'Hér.) Lammers var. **congesta** (Adamson) W.G.Welman
Lightfootia subulata L'Hér. var. *congesta* Adamson (13)
Perennial. Herb. Ht 0.05–0.15 m. Alt? WC
- subulata** (L'Hér.) Lammers var. **subulata**
Campanula sessiliflora L.f. (12)
Lightfootia fruticosa Druce (4)
Lightfootia sessiliflora (L.f.) Sond. (12)
Lightfootia subulata L'Hér. var. *subulata* (12)
Perennial. Herb. Ht 0.1–0.3 m. Alt 25–610 m. WC
- subulata** (L'Hér.) Lammers var. **tenuifolia** (Adamson) W.G.Welman
Lightfootia subulata L'Hér. var. *tenuifolia* Adamson (17)
Perennial. Herb. Ht 0.1–0.3 m. Alt 500–1000 m. WC
- subumbellata** Markgr.
Annual. Herb. Ht 0.05–0.1 m. Alt? N, NC
- swellendamensis** H.Buek = **W. ecklonii**
- tenella** (L.f.) Lammers var. **palustris** (Adamson) W.G.Welman
Lightfootia diffusa H.Buek var. *palustris* Adamson (13)
Perennial. Shrublet. Ht 0.15–0.8 m. Alt 100–530 m. WC
- tenella** (L.f.) Lammers var. **stokoei** (Adamson) W.G.Welman
Lightfootia diffusa H.Buek var. *stokoei* Adamson (13)
Perennial. Shrublet. Ht 0.1–0.4 m. Alt? WC
- tenella** (L.f.) Lammers var. **tenella**
Campanula tenella L.f. (12)
Lightfootia diffusa H.Buek var. *diffusa* (12)
Lightfootia tenella (L.f.) A.DC., not of Lodd. (12)
Perennial. Shrublet. Ht 0.15–0.8 m. Alt 15–1220 m. WC, EC
- tenerrima** (H.Buek) Lammers var. **montana** (Adamson) W.G.Welman
Lightfootia tenella Lodd. var. *montana* Adamson (13)
Perennial. Shrublet. Ht 0.2–0.5 m. Alt ?–955 m. WC
- tenerrima** (H.Buek) Lammers var. **tenerrima**
Lightfootia tenella Lodd. var. *tenella* (12)
Lightfootia tenella (L.f.) A.DC., not of Lodd. var. *tenerrima* (H.Buek) Sond. (12)
Lightfootia tenerrima H.Buek (12)
Perennial. Shrublet. Ht 0.2–0.5 m. Alt 75–2000 m. WC, EC
- tenuis** A.DC.
Annual. Herb. Ht 0.03–0.07 m. Alt? B, NC
- tetramera** Thulin
Annual or perennial. Herb. Ht 0.05–0.15 m. Alt 2100–2200 m. KZN

thulinii Lammers

Lightfootia capillaris H.Buek (17)
Lightfootia oppositifolia A.DC. (17)
W. capillaris (H.Buek) Lammers (17)

Perennial. Shrublet, herb. Ht 0.1–0.3 m. Alt 1170–1335 m. WC

thunbergiana (H.Buek) Lammers

Lightfootia anomala A.DC. (4)
Lightfootia thunbergiana H.Buek (12)

Perennial. Shrublet. Ht 0.2–1 m. Alt 245–1265 m. N, NC, WC

tomentosula Brehmer

Annual. Herb. Ht 0.1–0.2 m. Alt ?–275 m. WC

tortilis Brehmer

Annual. Herb. Ht 0.3–0.4 m. Alt ?–1700 m. M

transvaalensis Brehmer

Annual. Herb. Ht 0.25–0.35 m. Alt? M

tumida Brehmer

Annual. Herb. Ht 0.1–0.2 m. Alt 130–700 m. NC, WC

turbinata A.DC. = **W. ecklonii****tysonii** Zahlbr. = **W. rivularis****uitenhagensis** (H.Buek) Lammers var. **debilis** (Sond.) W.G. Welman

Lightfootia ciliata (Thunb.) Sond. var. *debilis* Sond. (4)
Lightfootia divaricata H.Buek var. *debilis* (Sond.) Adamson (14)
 Perennial. Shrublet. Ht 0.1–0.3 m. Alt 10–90 m. WC, EC

uitenhagensis (H.Buek) Lammers var. **filifolia** (Adamson) W.G. Welman

Lightfootia buekii Sond. (4)
Lightfootia divaricata H.Buek var. *filifolia* Adamson (13)
Lightfootia larcina H.Buek in part (4)

Perennial. Shrublet. Ht 0.2–0.5 m. Alt 170–270 m. EC

uitenhagensis (H.Buek) Lammers var. **uitenhagensis**

Lightfootia ciliata (Thunb.) Sond. var. *ciliata* (4)
Lightfootia divaricata H.Buek var. *divaricata* (12)
Lightfootia uitenhagensis H.Buek (12)

Perennial. Shrublet. Ht 0.2–0.5 m. Alt 5–655 m. KZN?, WC, EC

umbellata (Adamson) Lammers

Lightfootia umbellata Adamson (12)

Perennial. Shrublet. Ht 0.3–0.5 m. Alt ?–70 m. WC

undulata (L.f.) A.DC.

Campanula undulata L.f. (7)

W. caledonica Sond. (7)

W. dinteri Brehmer (7)

W. polychotoma Brehmer (16)

W. scoparia Brehmer (7)

Perennial. Herb. Ht 0.15–1 m. Alt 5–3200 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

unidentata (L.f.) Lammers

Campanula unidentata L.f. (12)

Lightfootia lycopodioides A.DC. (16)

Lightfootia unidentata (L.f.) A.DC. (12)

Perennial. Shrublet. Ht 0.15–0.4 m. Alt 210–670 m. WC, EC

virgata Engl.

W. subnuda Conrath (2)

Perennial. Herb. Ht 0.2–0.7 m. Alt 425–2200 m. LIM, G, M, S, FS, KZN, L

virgulta Brehmer

Annual. Herb. Ht 0.15–0.2 m. Alt 700–725 m. EC

wyleyana Sond.

Annual. Herb. Ht 0.2–0.5 m. Alt? NC

zeyheri H.Buek = **W. krebsii** subsp. **krebsii**

CANELLACEAE

Compiled by C.L. Bredenkamp

WARBURGIA Engl.

5256000

(1) Codd. 1976. *FSA* 22: 40, 41.

(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 46.

breyeri Pott = **W. salutaris**

salutaris (Bertol.f.) Chiov.

W. breyeri Pott (1)

Perennial. Tree, shrub. Ht 2.5–10 m. Alt 5–1757 m. LIM, M, KZN

*CANNABACEAE

Compiled by M. Jordaan

***CANNABIS** L.

1973000

(1) Henderson & Anderson. 1966. *Memoirs of the Botanical Survey of South Africa* No. 37: 70, 71.

(2) Wilmot-Dear. 1991. *FZ* 9,6: 10–13.

(3) Wilmot-Dear. 1999. *Bothalia* 29: 249–252.

sativa L. var. **indica** (Lam.) Wehmer

Annual. Herb. Ht 0.5–1 m. Alt? M

sativa L. var. **sativa**

Annual. Herb. Ht 1–2 m. Alt 10–2000 m. B, LIM, NW, G, M, KZN, L, WC, EC

sativa L. var. **spontanea** Vavilov

Annual. Herb. Ht 0.2–0.6 m. Alt 800–1500 m. NC

CAPPARACEAE

Compiled by M. Jordaan

- BACHMANNIA** Pax 3097000
(1) Killick. 1970. *FSA* 13: 142, 143.
woodii (Oliv.) Gilg
Maerua woodii (Oliv.) T. Durand & Schinz (1)
Niebuhrria woodii Oliv. (1)
Perennial. Tree, shrub or climber. Ht 1–3 m. Alt 15–300 m. KZN, EC
- BOSCIA** Lam. 3106000
(1) Wild. 1960. *FZ* 1: 229–235.
(2) Tölken. 1970. *FSA* 13: 150–159.
(3) Wild & Gonçalves. 1973. *Flora de Moçambique* 12: 44–52.
(4) Lötter. 2002. In Schmidt *et al.*, *Trees and shrubs of Mpumalanga and Kruger National Park*: 118–132.
albitrunca (Burch.) Gilg & Gilg-Ben.
B. pechuellii Kuntze (1)
B. transvaalensis Pestal. (2)
Capparis albitrunca Burch. (1)
Capparis oleoides in sense of Marloth, misapplied name (2)
Capparis punctata Burch. (2)
Perennial. Tree or shrub. Ht 1–9 m. Alt 5–1850 m. N, B, LIM, NW, G, M, S, FS, KZN, NC
angustifolia A. Rich. var. **corymbosa** (Gilg) DeWolf
B. corymbosa Gilg (2)
Perennial. Tree. Ht 3–8 m. Alt 520–1600 m. B, LIM
angustifolia in sense of Harv., misapplied name = **Maerua gilgii**
caffra Sond. = **Maerua racemulosa**
corymbosa Gilg = **B. angustifolia** var. **corymbosa**
filipes Gilg = **B. foetida** subsp. **filipes**
foetida Schinz subsp. **filipes** (Gilg) Lötter
B. filipes Gilg (4)
Perennial. Shrub. Ht 0.5–4 m. Alt 50–300 m. LIM, S, KZN
foetida Schinz subsp. **foetida**
B. rautanenii Schinz (2)
Perennial. Tree or shrub. Ht 0.5–6 m. Alt 500–1370 m. N, NC
foetida Schinz subsp. **longipedicellata** (Gilg) Tölken
B. longipedicellata Gilg (2)
Perennial. Tree. Ht 3–4 m. Alt 365–1168 m. KZN
foetida Schinz subsp. **minima** Tölken
Perennial. Dwarf shrub. Ht 0.3–0.7 m. Alt 847–1300 m. B, LIM, NW, G
foetida Schinz subsp. **rehmanniana** (Pestal.) Tölken
B. rehmanniana Pestal. (2)
Perennial. Tree. Ht 1–10 m. Alt 800–1400 m. B, LIM, NW, G, M
longipedicellata Gilg = **B. foetida** subsp. **longipedicellata**
matabelensis Pestal.
Perennial. Shrub. Ht 0.5–2 m. Alt? B
microphylla Oliv.
Perennial. Tree or shrub. Ht 0.6–4 m. Alt? N
mossambicensis Klotzsch
B. welwitschii Gilg (2)
Perennial. Tree or shrub. Ht 0.6–5 m. Alt 305–1200 m. N, B, LIM, M
oleoides (Burch. ex DC.) Tölken
Capparis clutiaefolia Burch. ex DC. (2)
Capparis oleoides Burch. ex DC. (2)
Perennial. Tree. Ht 2–4 m. Alt 230–1220 m. EC
pechuellii Kuntze = **B. albitrunca**
polyantha in sense of Roessler, misapplied name = **B. tomentosa**
rautanenii Schinz = **B. foetida** subsp. **foetida**
rehmanniana Pestal. = **B. foetida** subsp. **rehmanniana**
salicifolia Oliv.
Perennial. Tree. Ht 3–15 m. Alt? N, B
tomentosa Tölken
B. polyantha in sense of Roessler, misapplied name (2)
Perennial. Tree or shrub. Ht 3–6 m. Alt up to 500 m. N
transvaalensis Pestal. = **B. albitrunca**
welwitschii Gilg = **B. mossambicensis**
- CADABA** Forssk. 3109000
(1) Phillips. 1937. *The Flowering Plants of South Africa* 17: t. 656.
(2) Marsh. 1970. *FSA* 13: 171–175.
aphylla (Thunb.) Wild
C. juncea (Sparrm.) Harv. ex Hook.f., illegitimate name (2)
Perennial. Tree or shrub. Ht 1–3 m. Alt 20–1800 m. N, B, LIM, NW, FS, NC, WC, EC
juncea (Sparrm.) Harv. ex Hook.f., illegitimate name = **C. aphylla**
natalensis Sond.
Perennial. Tree or shrub. Ht 1–4 m. Alt 12–1400 m. LIM, M, S, KZN, EC
schroepelii Suess. ex Suess. & Merxm.
Perennial. Shrub. Ht 1.6–3 m. Alt? N
termitaria N.E.Br.
Perennial. Shrub. Ht 1.5–3 m. Alt 275–1310 m. B, LIM, NW, M
- CAPPARIS** L. 3101000
(1) Tölken. 1970. *FSA* 13: 144–150.
(2) Wild & Gonçalves. 1973. *Flora de Moçambique* 12: 53–62.
albitrunca Burch. = **Boscia albitrunca**
brassii DC.
C. gueinzii Sond. (1)
C. thonningii Schumach. (1)
Perennial. Climber or scrambler. Ht 0.3–5 m. Alt 15–460 m. KZN, EC
citrifolia Lam. = **C. sepiaria** var. **citrifolia**
clutiaefolia Burch. ex DC. = **Boscia oleoides**
corymbifera E.Mey. ex Sond. = **C. tomentosa**
fascicularis DC. var. **fascicularis**
C. flanaganii Gilg & Gilg-Ben. (1)
C. rudatisii Gilg & Gilg-Ben. (1)
C. transvaalensis Schinz (1)
C. transvaalensis Schinz var. *calvescens* (Gilg & Gilg-Ben.) Marais (1)
Perennial. Climber or scrambler. Ht variable. Alt 5–1550 m. LIM, M, S, KZN, EC
fascicularis DC. var. **zeyheri** (Turcz.) Tölken
C. zeyheri Turcz. (1)
Perennial. Climber or scrambler. Ht variable. Alt 30–1100 m. KZN, EC

flanagani Gilg & Gilg-Ben. = **C. fascicularis** var. **fascicularis**

gueinzii Sond. = **C. brassii**

hereroensis Schinz

Perennial. Shrub. Ht 0.5–2 m. Alt 4–30 m. N

oleoides Burch. ex DC. = **Boscia oleoides**

oleoides in sense of Marloth, misapplied name = **Boscia albitrunca**

punctata Burch. = **Boscia albitrunca**

rudatisii Gilg & Gilg-Ben. = **C. fascicularis** var. **fascicularis**

sepiaria L. var. **citrifolia** (Lam.) Tölken

C. citrifolia Lam. (1)

C. volkameriae in sense of DC., misapplied name (1)

Perennial. Shrub, climber or scrambler. Ht variable. Alt 5–1220 m. S, KZN, WC, EC

sepiaria L. var. **subglabra** (Oliv.) DeWolf

C. subglabra (Oliv.) Gilg & Gilg-Ben. (1)

Perennial. Climber or scrambler. Ht 2–6 m. Alt 150–1435 m. LIM

subglabra (Oliv.) Gilg & Gilg-Ben. = **C. sepiaria** var. **subglabra**

thonningii Schumach. = **C. brassii**

tomentosa Lam.

C. corymbifera E.Mey. ex Sond. (1)

Perennial. Tree, shrub, climber or scrambler. Ht 1–15 m. Alt 15–1980 m. N, B, LIM, M, S, KZN, EC

transvaalensis Schinz = **C. fascicularis** var. **fascicularis**

transvaalensis Schinz var. *calvescens* (Gilg & Gilg-Ben.) Marais = **C. fascicularis** var. **fascicularis**

volkameriae in sense of DC., misapplied name = **C. sepiaria** var. **citrifolia**

zeyheri Turcz. = **C. fascicularis** var. **zeyheri**

CLADOSTEMON A. Braun & Vatke 3099000

(1) Killick. 1970. *FSA* 13: 140–142.

(2) Wild & Gonçalves. 1973. *Flora de Moçambique* 12: 18–20.

(3) Williams. 1993. *The Flowering Plants of Africa* 52: t. 2079.

kirkii (Oliv.) Pax & Gilg

Euadenia kirkii Oliv. (1)

Perennial. Tree or shrub. Ht 1–7 m. Alt 15–245 m. S, KZN

CLEOME L. 3082000

(1) Story. 1961. *The Flowering Plants of Africa* 34: t. 1330.

(2) Codd & Kers. 1970. *FSA* 13: 119–140.

(3) Wild & Gonçalves. 1973. *Flora de Moçambique* 12: 2–14.

angustifolia Forssk. subsp. **diandra** (Burch.) Kers

C. angustifolia Forssk. subsp. *diandra* (Burch.) Kers var. *namaquensis* Kers (2)

C. diandra Burch. (2)

Dianthera burchelliana Klotzsch ex Sond. (2)

Polanisia diandra (Burch.) T. Durand & Schinz in part (2)

Polanisia dianthera DC. (2)

Perennial. Herb. Ht 0.3–0.8 m. Alt? N, NW, FS, NC

angustifolia Forssk. subsp. *diandra* (Burch.) Kers var. *namaquensis* Kers = **C. angustifolia** subsp. **diandra**

angustifolia Forssk. subsp. **petersiana** (Klotzsch ex Sond.) Kers

C. diandra in sense of many authors, not of Burch., misapplied name (2)

Dianthera petersiana (Klotzsch ex Sond.) Pax (2)

Perennial. Herb. Ht 0.5–1.2 m. Alt? N, B, LIM, NW, M, S, KZN

bicolor (Pax) Gilg = **C. oxyphylla** var. **oxyphylla bororensis** (Klotzsch) Oliv.

Annual. Herb. Ht 0.3–0.5 m. Alt 0–300 m. KZN

breyeri Burt Davy = **C. oxyphylla** var. **oxyphylla capensis** L. = **Heliophila subulata**

carnosa (Pax) Gilg & Gilg-Ben.

Annual. Herb. Ht 0.08–0.25 m. Alt? N

confusa Dinter = **C. elegantissima**

conrathii Burt Davy

Annual. Herb. Ht 0.1–0.3 m. Alt? NW, G, NC

diandra Burch. = **C. angustifolia** subsp. **diandra**

diandra in sense of many authors, not of Burch., misapplied name = **C. angustifolia** subsp. **petersiana**

elegantissima Briq.

C. confusa Dinter (2)

C. hirta in sense of Gilg & Gilg-Ben. in part, misapplied name (2)

Annual. Herb. Ht 0.15–0.5 m. Alt? N, B

foliosa Hook.f. var. **foliosa**

C. leuderitziana Schinz (2)

Annual, occ. perennial. Herb. Ht up to 1.2 m. Alt? N

foliosa Hook.f. var. **lutea** (Sond.) Codd & Kers

C. xanthopetala Briq. (2)

Polanisia lutea Sond. (2)

Annual, occ. perennial. Herb. Ht 0.5–1 m. Alt? N, NC

foliosa Hook.f. var. **namibensis** (Kers) Codd

Annual, occ. perennial. Herb. Ht 0.2–0.5 m. Alt? N

gynandra L.

Gynandropsis gynandra (L.) Briq. (2)

Gynandropsis pentaphylla (L.) Briq. (2)

Annual. Herb. Ht 0.25–0.6 m. Alt? N, B, LIM, NW, G, M, KZN, FS, NC

***hassleriana** Chodat

Annual. Herb. Ht up to 1.2 m. Alt? G, KZN

heterochoma Briq. = **C. oxyphylla** var. **oxyphylla**

hirta (Klotzsch) Oliv.

Perennial. Herb. Ht 0.5–1.8 m. Alt? N, B, LIM, G, M, S

hirta in sense of Gilg & Gilg-Ben. in part, misapplied name = **C. elegantissima**

iberidella Welw. ex Oliv.

Perennial. Herb. Ht up to 0.5 m. Alt? N, B

kalachariensis (Schinz) Gilg & Gilg-Ben.

C. sulfurea Bremek. & Oberm. (2)

Annual. Herb. Ht 0.2–0.75 m. Alt? N, B, LIM, NW, NC

laburnifolia Roessler

Annual. Herb. Ht 0.3–1.5 m. Alt? N

leuderitziana Schinz = **C. foliosa** var. **foliosa**

linearifolia (Stephens) Dinter = **C. semitetrandra**

macrophylla (Klotzsch) Briq. var. **macrophylla**

Annual. Herb. Ht 0.2–0.4 m. Alt? B, LIM, NW, G, M, S, KZN

maculata (Sond.) Szyszyl.

Polanisia maculata Sond. (2)

Tetratelia maculata (Sond.) Sond. (2)

Annual. Herb. Ht 0.12–0.3 m. Alt? B, LIM, NW, G, M, FS

minima Stephens = **Heliophila minima**

monophylla L.

Annual. Herb. Ht up to 0.5 m. Alt? N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

oxyphylla Burch. var. **oxyphylla**

C. bicolor (Pax) Gilg (2)

C. breyeri Burt Davy (2)

C. heterochoma Briq. (2)

Polanisia oxyphylla (Burch.) DC. (2)

Perennial. Herb. Ht 0.3–0.6 m. Alt? N, B, LIM, NW, G, NC

oxyphylla Burch. var. **robusta** Kers

Perennial. Herb. Ht 0.3–1 m. Alt? LIM

paxii (Schinz) Gilg & Gilg-Ben.

Annual. Herb. Ht 0.08–0.5 m. Alt? N, NC

rubella Burch.

C. rupestris Sond. (2)

Annual. Herb. Ht 0.12–0.4 m. Alt? N, B, LIM, NW, G, M, FS, NC

rupestris Sond. = **C. rubella**

schlechteri Briq.

Annual. Herb. Ht 0.1–0.25 m. Alt? M, KZN

semitetrandra Sond.

C. linearifolia (Stephens) Dinter (2)

Dianthera semitetrandra (Sond.) Klotzsch & Sond. (2)

Annual. Herb. Ht 0.06–0.6 m. Alt? N

suffruticosa Schinz

Perennial. Herb. Ht 0.2–0.6 m. Alt? N

sulfurea Bremek. & Oberm. = **C. kalachariensis**

virgata Thunb. = **Cycloptychis virgata**

xanthopetala Briq. = **C. foliosa** var. **lutea**

COURBONIA Brongn. 3108000

edulis Gilg & Gilg-Ben. = **Maerua edulis**

glauca (Klotzsch) Gilg & Gilg-Ben. = **Maerua edulis**

DIANTHERA Pax 3090000

burchelliana Klotzsch ex Sond. = **Cleome angustifolia** subsp. **diandra**

petersiana (Klotzsch ex Sond.) Pax = **Cleome angustifolia** subsp. **petersiana**

semitetrandra (Sond.) Klotzsch & Sond. = **Cleome semitetrandra**

EUADENIA Oliv. 3098000

kirkii Oliv. = **Cladostemon kirkii**

GYNANDROPSIS DC. 3087000

gynandra (L.) Briq. = **Cleome gynandra**

pentaphylla (L.) Briq. = **Cleome gynandra**

MAERUA Forssk. 3112000

(1) Wild. 1960. *FZ* 1: 216–229.

(2) DeWolf. 1962. *Kew Bulletin* 16: 75–83.

(3) Killick. 1970. *FSA* 13: 159–171.

(4) Killick. 1989. *The Flowering Plants of Africa* 50: t. 1988.

angolensis DC.

Perennial. Tree or shrub. Ht 3–10 m. Alt 5–1220 m. N, B, LIM, NW, M, S, KZN

angustifolia Schinz, illegitimate name = **M. juncea** subsp. **juncea**

brevipetiolata Killick

Perennial. Scrambling shrub. Ht 1.5–3 m. Alt 152–1000 m. S, KZN

cafra (DC.) Pax

M. triphylla (Thunb.) T.Durand & Schinz (3)

Niebuhria triphylla (Thunb.) H.L.Wendl. (3)

Perennial. Tree or shrub. Ht 1.5–9 m. Alt 12–1645 m. LIM, NW, G, M, S, KZN, EC

edulis (Gilg & Gilg-Ben.) DeWolf

Courbonia edulis Gilg & Gilg-Ben. (2)

Courbonia glauca (Klotzsch) Gilg & Gilg-Ben. (3)

Perennial. Shrub. Ht 0.45–1 m. Alt 30–1216 m. LIM, M, KZN

flagellaris (Oliv.) Gilg & Gilg-Ben. = **M. juncea** subsp. **juncea**

flagellaris (Oliv.) Gilg & Gilg-Ben. subsp. *crustata* Wild = **M. juncea** subsp. **crustata**

gilgii Schinz

Boscia angustifolia in sense of Harv., misapplied name (3)

Perennial. Tree or shrub. Ht 1–3 m. Alt 100–800 m. N, NC

guerichii Pax = **M. juncea** subsp. **juncea**

juncea Pax subsp. **crustata** (Wild) Wild

M. flagellaris (Oliv.) Gilg & Gilg-Ben. subsp. *crustata* Wild (1)

M. maschonica Gilg in part, as to specimen *Galpin 1063* (3)

Perennial. Shrub or climber. Ht 0.6–5 m. Alt 5–1370 m. B, LIM, G, M, S, KZN

juncea Pax subsp. **juncea**

M. angustifolia Schinz, illegitimate name (3)

M. flagellaris (Oliv.) Gilg & Gilg-Ben. (3)

M. guerichii Pax (3)

M. maschonica Gilg in part, as to specimen *Engler 3157* (3)

Perennial. Shrub or climber. Ht 0.9–3 m. Alt 440–945 m. N, B

legatii Burt Davy = **M. parvifolia**

maschonica Gilg in part, as to specimen *Galpin 1063* = **M. juncea** subsp. **crustata**

maschonica Gilg in part, as to specimen *Engler 3157* = **M. juncea** subsp. **juncea**

nervosa (Hochst.) Oliv.

Niebuhria nervosa Hochst. (3)

Perennial. Tree or shrub. Ht 0.9–3 m. Alt 0–400 m. KZN

parvifolia Pax

M. legatii Burt Davy (3)

Perennial. Shrub. Ht 0.4–3.5 m. Alt 152–1520 m. N, B, LIM, M, S

pedunculosa (Hochst.) Sim = **M. racemulosa**

racemulosa (A.DC.) Gilg & Gilg-Ben.

Boscia caffra Sond. (3)

M. pedunculosa (Hochst.) Sim (3)

Niebuhria pedunculosa Hochst. (3)

Perennial. Tree, shrub or climber. Ht 0.8–6 m. Alt 5–1100 m. S, KZN, WC, EC

rosmarinoides (Sond.) Gilg & Gilg-Ben.

Niebuhria rosmarinoides Sond. (3)

Perennial. Tree or shrub. Ht 0.5–5 m. Alt 3–2900 m. LIM, M, S, KZN, EC

schinzii Pax

Perennial. Tree. Ht 1.5–7 m. Alt 290–1500 m. N, NC

triphylla (Thunb.) T.Durand & Schinz = **M. cafra**

woodii (Oliv.) T.Durand & Schinz = **Bachmannia woodii**

- NIEBUHRIA* Oliv. 3112010
nervosa Hochst. = **Maerua nervosa**
pedunculosa Hochst. = **Maerua racemulosa**
rosmarinoides Sond. = **Maerua rosmarinoides**
triphylla (Thunb.) H.L. Wendl. = **Maerua cafra**
woodii Oliv. = **Bachmannia woodii**
- POLANISIA* Raf. 3090010
diandra (Burch.) T. Durand & Schinz = **Cleome angustifolia** subsp. **diandra**
dianthera DC. = **Cleome angustifolia** subsp. **diandra**
lutea Sond. = **Cleome foliosa** var. **lutea**

- maculata* Sond. = **Cleome maculata**
oxyphylla (Burch.) DC. = **Cleome oxyphylla** var. **oxyphylla**
- TETRATELIA* Sond. 3090020
maculata (Sond.) Sond. = **Cleome maculata**
- THILACHIUM** Lour. 3113000
 (1) Wild. 1960. *FZ* 1: 213, 214.
 (2) Killick. 1970. *FSA* 13: 175–177.
 (3) Wild & Gonçalves. 1973. *Flora de Moçambique* 12: 20, 21.
- africanum** Lour.
 Perennial. Tree or shrub. Ht 1–5 m. Alt 5–434 m. LIM, M, S, KZN

*CAPRIFOLIACEAE

Compiled by W.G. Welman

- ***LONICERA** L. 8523000 **japonica** Thunb.
 (1) Li. 2000. *European garden flora* 6: 436–452.
bubalina L.f. = **Burchellia bubalina**
 Perennial. Climber. Ht 3–9 m. Alt 1000–1500 m. G, M, KZN

CARYOPHYLLACEAE

Compiled by T. Nkonki

- ***AGROSTEMMA** L. 2488000
 (1) Chater. 1964. *Flora europaea* 1: 156, 157.
 (2) Greuter. 1995. *Willdenowia* 25: 106, 107.
githago L. subsp. **githago**
Lychnis githago (L.) Scop. (1)
 Annual. Herb. Ht 0.3–1 m. Alt? LIM, G, WC
- ALSINE* L. 2429010
prostrata Forssk. = **Polycarpon prostratum** var. **prostratum**
- ***ARENARIA** L. 2443000
 (1) Chater & Halliday. 1964. *Flora europaea* 1: 116–123.
diffusa Elliott
 Annual, biennial or perennial. Herb. Ht? Alt up to 1373 m. KZN
- fendleri** A. Gray
 Annual, biennial or perennial. Herb. Ht? Alt? G
- glandulosa* Jacq. = **Spergularia media**
media L. = **Spergularia media**
- CERASTIUM** L. 2430000
 (1) Möschl. 1951. *Memórias da Sociedade Broteriana* 7: 53.
 (2) Wild. 1961. *FZ* 1: 346–349.
 (3) Jalas *et al.* 1964. *Flora europaea* 1: 136–145.
 (4) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 165–167.
africanum (Hook.f.) Oliv. = **C. indicum**
arabidis E. Mey. ex Fenzl
C. dregeanum Fenzl (4)
- Annual. Herb. Ht 0.05–0.3 m. Alt 245–3475 m. LIM, G, M, FS, KZN, L, EC
caespitosum Gilib. subsp. **triviale** (Link) Hiitonen = **C. fontanum** subsp. **triviale**
capense Sond.
 Annual. Herb. Ht 0.03–0.45 m. Alt 5–2835 m. LIM, G, M, FS, KZN, L, NC, WC, EC
- dichotomum** L.
 Annual. Herb. Ht 0.1–0.18 m. Alt up to 1450 m. WC
dregeanum Fenzl = **C. arabidis**
erectum (L.) Coss. & Germ. = **Moenchia erecta** subsp. **erecta**
fontanum Baumg. subsp. **triviale** (Link) Jalas
C. caespitosum Gilib. subsp. **triviale** (Link) Hiitonen (3)
C. holosteoides Fr. (3)
C. holosteoides Fr. subsp. **triviale** (Murb.) Möschl (1)
C. triviale Link (3)
C. vulgatum L. (3)
 Perennial. Herb. Ht 0.05–0.5 m. Alt 1693–1891 m. FS, KZN, L
- glomeratum** Thuill.
 Annual. Herb. Ht 0.05–0.15 m. Alt ?–671 m. KZN, WC
holosteoides Fr. = **C. fontanum** subsp. **triviale**
holosteoides Fr. subsp. **triviale** (Murb.) Möschl = **C. fontanum** subsp. **triviale**
- indicum** Wight & Arn.
C. africanum (Hook.f.) Oliv. (2)
C. indicum Wight & Arn. var. *ruwenzoriense* (F.N. Williams) Möschl (2)

Annual. Herb. Ht? Alt 1312–2225 m. LIM, FS, KZN, L, EC

indicum Wight & Arn. var. *ruwenzoriense* (F.N. Williams) Möschl = **C. indicum**

triviale Link = **C. fontanum** subsp. *triviale*

vulgatum L. = **C. fontanum** subsp. *triviale*

CORRIGIOLA L. 2469000

(1) Wild & Diniz. 1973. *Flora de Moçambique* 20: 3.

capensis Willd. subsp. **capensis**

C. telefiifolia in sense of Harv. & Sond., misapplied name (1)

Perennial. Herb. Ht 0.02–0.1 m. Alt 854–1021 m. NC, WC

litoralis L. forma *typica* Graebn. = **C. litoralis** subsp. **litoralis** var. **litoralis**

litoralis L. subsp. **litoralis** var. **litoralis**

C. litoralis L. forma *typica* Graebn. (1)

C. litoralis L. var. *purpurascens* Giraudias (1)

Annual. Herb. Ht 0.01–0.1 m. Alt 3–1982 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

litoralis L. subsp. **litoralis** var. **perennans** Chaudhri

Perennial. Herb. Ht up to 0.1 m. Alt 300–1372 m. N, LIM, G, WC

litoralis L. var. *purpurascens* Giraudias = **C. litoralis** subsp. **litoralis** var. **litoralis**

telefiifolia in sense of Harv. & Sond., misapplied name = **C. capensis** subsp. **capensis**

DIANTHUS L. 2502000

(1) Phillips. 1936. *The Flowering Plants of South Africa* 16: t. 626.

(2) Hooper. 1959. *Hooker's Icones Plantarum* 37: 17–58.

albens Aiton

D. incurvus Thunb. (2)

Perennial. Herb. Ht 0.1–0.4 m. Alt 15–1500 m. NC, WC

basuticus Burt Davy subsp. **basuticus** var. **basuticus**

D. micropetalus Ser. var. *galpinii* Burt Davy (2)

Perennial. Herb. Ht 0.08–0.4 m. Alt 1500–3050 m. G, M, FS, KZN, L, EC

basuticus Burt Davy subsp. **basuticus** var. **grandiflorus** Hooper

Perennial. Herb. Ht 0.1–0.3 m. Alt 2500–3200 m. M, KZN, L

basuticus Burt Davy subsp. **fourcadei** Hooper

Perennial. Herb. Ht 0.1–0.25 m. Alt 183–1509 m. WC

bolusii Burt Davy

Perennial. Herb. Ht 0.1–0.5 m. Alt 92–1342 m. NC, WC

bolusii Burt Davy × **D. caespitosus** Thunb.

Perennial. Herb. Ht 0.2–0.35 m. Alt up to 300 m. WC

burchellii Ser.

Perennial. Herb. Ht up to 0.15 m. Alt? B, NC

caespitosus Thunb. subsp. **caespitosus**

Perennial. Herb. Ht 0.1–0.4 m. Alt 100–2288 m. L, WC

caespitosus Thunb. subsp. **pectinatus** (E.Mey. ex Sond.) Hooper

D. crenatus in sense of Edwards, not of Thunb. (2)

D. pectinatus E.Mey. ex Sond. (2)

D. prostratus Jacq. (2)

Perennial. Herb. Ht 0.1–0.6 m. Alt 533–1350 m. WC

colensoi F.N. Williams = **D. zeyheri** subsp. **natalensis crenatus** in sense of Edwards, not of Thunb. = **D. caespitosus** subsp. **pectinatus**

crenatus Thunb.

Perennial. Herb. Ht 0.25–0.6 m. Alt 5–2100 m. KZN, WC, EC

holopetalus Turcz.

Perennial. Herb. Ht 0.2–0.45 m. Alt up to 153 m. WC

incurvus Thunb. = **D. albens**

kamisbergensis Sond.

Perennial. Herb. Ht 0.15–0.2 m. Alt up to 1530 m. NC

kirkii Burt Davy = **D. mooiensis** subsp. **kirkii**

laingsburgensis Hooper

D. pearsonii Burt Davy in part, as to *Schlechter 11392* (2)

Perennial. Herb. Ht 0.08–0.3 m. Alt 153–2161 m. NC, WC

mecistocalyx F.N. Williams = **D. zeyheri** subsp. **zeyheri**

micropetalus Ser.

Perennial. Herb. Ht 0.1–0.45 m. Alt 600–2200 m. B, NW, G, FS, NC, WC, EC

micropetalus Ser. var. *galpinii* Burt Davy = **D. basuticus** subsp. **basuticus** var. **basuticus**

mooiensis F.N. Williams subsp. **kirkii** (Burt Davy) Hooper

D. kirkii Burt Davy (2)

Perennial. Herb. Ht 0.3–0.45 m. Alt 458–2135 m. NW, G, S, EC

mooiensis F.N. Williams subsp. **mooiensis** var. **dentatus** Burt Davy

Perennial. Herb. Ht up to 0.4 m. Alt 300–2227 m. M, EC

mooiensis F.N. Williams subsp. **mooiensis** var. **mooiensis**

D. nelsonii F.N. Williams (2)

Perennial. Herb. Ht 0.4–0.6 m. Alt 168–2060 m. NW, G, M, KZN

namaensis Schinz var. **dinteri** (Schinz) Hooper

Perennial. Herb. Ht ?–0.6 m. Alt up to 1007 m. N, NC, WC, EC

namaensis Schinz var. **junceus** (Burt Davy) Hooper

Perennial. Herb. Ht 0.1–1 m. Alt up to 760 m. NC

namaensis Schinz var. **namaensis**

D. pearsonii Burt Davy in part, as to *Pearson 7856* (2)

Perennial. Herb. Ht 0.06–0.4 m. Alt 200–2336 m. N, NC

nelsonii F.N. Williams = **D. mooiensis** subsp. **mooiensis** var. **mooiensis**

pearsonii Burt Davy in part, as to *Schlechter 11392* = **D. laingsburgensis**

pearsonii Burt Davy in part, as to *Pearson 7856* = **D. namaensis** var. **namaensis**

pectinatus E.Mey. ex Sond. = **D. caespitosus** subsp. **pectinatus**

prolifer L. = **Petrorhagia prolifera**

prostratus Jacq. = **D. caespitosus** subsp. **pectinatus**

prostratus of author, not of Jacq., concept invalid = **D. zeyheri** subsp. **natalensis**

scaber Thunb. = **D. thunbergii** forma **thunbergii**

- scaber* Thunb. var. *graminifolius* Fenzl ex Szyszyl. = **D. transvaalensis**
serpae Ficalho & Hiern = **D. zeyheri** subsp. *zeyheri*
thunbergii Hooper forma *maritimus* Hooper
 Perennial. Herb. Ht 0.12–0.2 m. Alt 15–671 m. EC
- thunbergii** Hooper forma *thunbergii*
D. scaber Thunb. (2)
 Perennial. Herb. Ht 0.1–0.4 m. Alt 15–2100 m. WC, EC
- transvaalensis** Burt Davy
D. scaber Thunb. var. *graminifolius* Fenzl ex Szyszyl. (2)
 Perennial. Herb. Ht 0.2–0.45 m. Alt 1340–2135 m. M, FS
- zeyheri** Sond. subsp. *natalensis* Hooper
D. colensoi F.N. Williams (2)
D. prostratus of author, not of Jacq., concept invalid (2)
 Perennial. Herb. Ht 0.5–0.7 m. Alt 7–2260 m. B, LIM, M, KZN, EC
- zeyheri** Sond. subsp. *zeyheri*
D. mecostalyx F.N. Williams (2)
D. serpae Ficalho & Hiern (2)
 Perennial. Herb. Ht 0.2–0.6 m. Alt 946–1617 m. LIM, G, KZN
- DRYMARIA** Willd. ex Schult. 2452000
 (1) Duke. 1961. *Annals of the Missouri Botanical Garden* 48: 179, 245.
 (2) Wild. 1961. *FZ* 1: 344–346.
 (3) Wild & Diniz. 1973. *Flora de Moçambique* 19: 8, 9.
- cordata** (L.) Willd. ex Roem. & Schult. subsp. *diandra* (Blume) J.A. Duke
D. diandra Blume (1)
 Annual. Herb. Ht 0.25–1.5 m. Alt 15–1890 m. LIM, M, KZN, WC, EC
- diandra* Blume = **D. cordata** subsp. *diandra*
- HERNIARIA** L. 2476000
 (1) Chaudhri. 1968. *Mededelingen van het Botanisch Museum en Herbarium van de Rijks-Universiteit te Utrecht* 285: 354–377.
- arenicola* = **H. capensis**
capensis Bartl.
H. arenicola Adamson (1)
 Perennial. Herb. Ht? Alt 6–13 m. WC
- erckertii** Herm. subsp. *erckertii* var. *dewetii* Herm.
 Perennial. Herb. Ht ± 0.01 m. Alt 275–2621 m. NW, FS, L, NC, WC, EC
- erckertii** Herm. subsp. *erckertii* var. *dinteri* Chaudhri
 Perennial. Herb. Ht? Alt? N, G, M, FS, NC, EC
- erckertii** Herm. subsp. *erckertii* var. *erckertii*
 Perennial. Herb. Ht 0.05–0.2 m. Alt 915–2285 m. N, NW, G, M, FS, KZN, L, NC
- erckertii** Herm. subsp. *pulvinata* Chaudhri
 Perennial. Herb. Ht 0.01–0.08 m. Alt ?–900 m. LIM, NC
- grimmii** Herm.
 Perennial. Herb. Ht ± 0.01 m. Alt ?–2928 m. EC
- pearsonii** Chaudhri (insufficiently known)
- schlechteri** Herm.
 Annual. Herb. Ht? Alt 107–2000 m. FS, WC
- *HOLOSTEUM** L. 2431000
 (1) Walters. 1964. *Flora europaea* 1: 136.
- umbellatum** L. subsp. *umbellatum*
 Annual. Herb. Ht 0.2–0.35 m. Alt up to 1464 m. NC
- KOHLRAUSCHIA** Kunth 2498000
prolifera (L.) Kunth = **Petrorhagia prolifera**
- KRAUSEOLA** Pax & Hoffm. 2453010
 (1) Wild. 1961. *FZ* 1: 337–339.
 (2) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 166.
- mosambicina** (Moss) Pax & K. Hoffm.
 Annual. Herb. Ht up to 0.4 m. Alt 5–60 m. KZN
- LEPIGONUM** Wahlb. 2450010
marginatum W.D.J. Koch var. *glabra* L. = **Spergularia media**
marginatum W.D.J. Koch var. *glandulosa* Fenzl = **Spergularia media**
- LYCHNIS** L. 2489000
githago (L.) Scop. = **Agrostemma githago** subsp. *githago*
- *MOENCHIA** Ehrh. 2432000
 (1) Clapham. 1964. *Flora europaea* 1: 145, 146.
- erecta** (L.) Gaertn. subsp. *erecta*
Cerastium erectum (L.) Coss. & Germ. (1)
 Annual. Herb. Ht 0.02–0.1 m. Alt up to 1570 m. WC
- *PARONYCHIA** Mill. 2473000
 (1) Poiret. 1804. *Encyclopédie méthodique* 5: 26.
 (2) Henderson & Anderson. 1966. *Memoirs of the Botanical Survey of South Africa* No. 37: 131, 132.
 (3) Chaudhri. 1968. *Mededelingen van het Botanisch Museum en Herbarium van de Rijks-Universiteit te Utrecht* 285: 80–297.
- brasiliiana** DC. var. *pubescens* Chaudhri
 Annual. Herb. Ht? Alt 183–2000 m. NW, G, M, FS, KZN, L, WC
- *PETRORHAGIA** (Ser.) Link 2497010
 (1) Ball & Heywood. 1964. *Flora europaea* 1: 186–188.
- prolifera** (L.) Ball & Heywood
Dianthus prolifera L. (1)
Kohlruschia prolifera (L.) Kunth (1)
Tunica prolifera (L.) Scop. (1)
 Annual, occ. perennial. Herb. Ht 0.2–0.6 m. Alt 18–800 m. WC
- POLLICHIA** Aiton 2467000
 (1) Wild. 1961. *FZ* 1: 358–360.
 (2) Merxmüller. 1967. *FSWA* 30: 2.
 (3) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 57–99.
 (4) Wild & Diniz. 1973. *Flora of Moçambique* 19: 1–3.
- campestris** Aiton
 Perennial. Herb. Ht 0.08–1.5 m. Alt 15–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- POLYCARPAEA** Lam. 2455000
 (1) Turrill. 1954. *Kew Bulletin* 1954: 503.
 (2) Wild. 1961. *FZ* 1: 341–344.
 (3) Podlech. 1967. *FSWA* 31: 2, 3.
- *corymbosa** (L.) Lam. var. *corymbosa*
Achyranthes corymbosa L. (3)
 Annual. Herb. Ht 0.1–0.6 m. Alt 3–1850 m. N, B, LIM, G, M, S, KZN

eriantha Hochst. ex A.Rich. var. **effusa** (Oliv. emend. Pax) Turrill
Annual. Herb. Ht 0.03–0.19 m. Alt up to 1693 m. LIM, M.

eriantha Hochst. ex A.Rich. var. **eriantha**
P. grossartii Dinter (3)

Annual. Herb. Ht 0.1–0.3 m. Alt? N, B

grossartii Dinter = **P. eriantha** var. **eriantha**

POLYCARPON L. 2453000

- (1) Linnaeus. 1759. *Systema naturae* edn 10, 2: 881.
- (2) Wild. 1961. *FZ* 1: 339–341.
- (3) Podlech. 1967. *FSWA* 31: 2, 3.
- (4) Bond & Goldblatt. 1984. *Journal of South African Botany* Suppl. Vol. 13: 222.

loeflingii Benth. = **P. prostratum** var. **prostratum**

prostratum (Forssk.) Asch. & Schweinf. var. **prostratum**

Alsine prostrata Forssk. (3)

P. loeflingii Benth. (3)

Annual. Herb. Ht ?–0.4 m. Alt 110–610 m. N, B, M

***tetraphyllum** (L.) L.

Annual. Herb. Ht? Alt 5–914 m. M, FS, KZN, WC, EC

***SAGINA L.** 2433000

- (1) Chorney. 1986. *Flora of South Australia* 1: 227, 228.
- (2) Danin. 1990. *South African Journal of Botany* 56: 412, 413.
- (3) Turker. 2000. *Rhodora* 102: 214–216.

apetala Ard.

Annual. Herb. Ht 0.03–0.15 m. Alt 120–1480 m. FS, KZN

maritima G. Don

Annual. Herb. Ht 0.05–0.1 m. Alt? WC

SAPONARIA L. 2503000

vaccaria L. var. *grandiflora* Fisch. ex Ser. = **Vaccaria hispanica** var. **hispanica**

***SCLERANTHUS L.** 2483000

- (1) Henderson & Anderson. 1966. *Memoirs of the Botanical Survey of South Africa* No. 37: 136, 137.
- (2) Bond & Goldblatt. 1984. *Journal of South African Botany* Suppl. Vol. 13: 312.

annuus L.

Annual. Herb. Ht 0.02–0.2 m. Alt 30–1980 m. KZN, NC, WC, EC

SILENE L. 2490000

- (1) Sonder. 1860. *FC* 1: 125–129.
- (2) Wild. 1961. *FZ* 1: 350–355.
- (3) Podlech. 1967. *FSWA* 31: 4.
- (4) Bocquet. 1977. *Bothalia* 12: 309–311.
- (5) Bond & Goldblatt. 1984. *Journal of South African Botany* Suppl. Vol. 13: 222, 223.
- (6) Masson. 1989. *Candollea* 44: 485–491.
- (7) Walters. 1989. *European garden flora* 3: 179–181.
- (8) Chater *et al.* 1993. *Flora europaea* edn 2,1: 191–218.

bellidioides Sond.

Perennial. Herb. Ht 0.25–0.9 m. Alt 2–3490 m. B, LIM, G, M, S, FS, KZN, L, NC, WC, EC

burchellii Otth var. **angustifolia** Sond.

S. burchellii Otth var. *macrorrhiza* R.E.Fr. (1)

S. burchellii Otth var. *pilosellaefolia* Sond. (1)

Perennial. Herb. Ht 0.05–0.4 m. Alt 600–2425 m. LIM, NW, G, M, FS, KZN, L, NC

burchellii Otth var. **burchellii**

S. dinteri Engl. (2)

Perennial. Herb. Ht 0.2–0.8 m. Alt 10–2227 m. N, LIM, NW, G, M, FS, KZN, NC, WC, EC

burchellii Otth var. **latifolia** Sond.

Perennial. Herb. Ht? Alt up to 1980 m. LIM, M, KZN, WC, EC

burchellii Otth var. *macrorrhiza* R.E.Fr. = **S. burchellii** var. **angustifolia**

burchellii Otth var. *pilosellaefolia* Sond. = **S. burchellii** var. **angustifolia**

capensis Otth = **S. undulata**

clandestina Jacq.

Annual. Herb. Ht 0.1–0.5 m. Alt 6–2100 m. M, NC, WC, EC

crassifolia L.

Perennial. Herb. Ht 0.15–0.6 m. Alt 2–155 m. WC, EC

dewinteri Bocquet

Annual. Herb. Ht 0.07–0.2 m. Alt up to 300 m. WC

dinteri Engl. = **S. burchellii** var. **burchellii**

eckloniana Sond.

Annual. Herb. Ht? Alt up to 20 m. WC

***gallica** L.

Annual. Herb. Ht 0.15–0.45 m. Alt 15–1965 m. LIM, G, M, FS, KZN, L, WC, EC

inflata (Salisb.) Sm. = **S. vulgaris** subsp. **vulgaris**

mundiana Eckl. & Zeyh.

Perennial. Herb. Ht 0.1–0.2 m. Alt up to 300 m. WC

ornata Aiton

Perennial. Herb. Ht 0.25–0.9 m. Alt up to 300 m. WC

***pendula** L.

Perennial. Herb. Ht? Alt up to 1600 m. G

pilosellifolia Cham. & Schtdl.

Annual. Herb. Ht 0.1–0.6 m. Alt 200–2236 m. N, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

primuliflora Eckl. & Zeyh. var. **ciliata** Sond.

Perennial. Herb. Ht? Alt up to 700 m. EC

primuliflora Eckl. & Zeyh. var. **primuliflora**

Perennial. Herb. Ht 0.1–0.45 m. Alt 5–2000 m. KZN, L, WC, EC

thunbergiana Bartl.

Perennial. Herb. Ht 0.25–0.6 m. Alt 10–1943 m. WC

undulata Aiton

S. capensis Otth (1)

Annual, occ. perennial. Herb. Ht 0.15–0.8 m. Alt 6–2950 m. LIM, NW, G, M, S, FS, KZN, NC, WC, EC

vlokii Masson

Annual. Herb. Ht up to 0.3 m. Alt 10–100 m. WC

vulgaris (Moench) Garcke subsp. **macrocarpa** (Marsden) Jones & Turrill

Perennial. Herb. Ht 0.23–0.75 m. Alt ?–1402 m. KZN, WC, EC

vulgaris (Moench) Garcke subsp. **vulgaris**

S. inflata (Salisb.) Sm. (8)

Perennial. Herb. Ht 0.1–0.4 m. Alt 229–1525 m. FS, KZN, WC, EC

***SPERGULA L.** 2449000

- (1) Wild. 1961. *FZ* 1: 346.
- (2) Ratter. 1964. *Flora europaea* 1: 154.

- (3) Bond & Goldblatt. 1984. *Journal of South African Botany* Suppl. Vol. 13: 223.

arvensis L.

Annual. Herb. Ht 0.05–0.3 m. Alt 30–2425 m. G, M, KZN, L, NC, WC, EC

SPERGULARIA (Pers.) J.Presl 2450000 & C.Presl

- (1) Sonder. 1860. *FC* 1: 134, 135.
 (2) Monnier & Ratter. 1964. *Flora europaea* 1: 154–156.
 (3) Podlech. 1967. *FSWA* 31: 4, 5.
 (4) Monnier. 1975. *Candollea* 30: 121–155.

atheniensis Asch. & Schweinf. = **S. bocconii**

bocconii (Scheele) Asch. & Graebn.

S. atheniensis Asch. & Schweinf. (1)

Perennial. Herb. Ht 0.03–0.7 m. Alt 5–1310 m. NC, WC, EC

campestris (L.) Asch. = **S. rubra**

glandulosa Fenzl var. *glabrifolia* Fenzl = **S. media**

glandulosa Fenzl var. *glandulosa* = **S. media**

hanoverensis Simon

Annual. Herb. Ht ?–0.03 m. Alt 300–1370 m. NC, WC

marginata Kitt. = **S. media*****media** (L.) C.Presl ex Griseb.

Arenaria glandulosa Jacq. (2)

Arenaria media L. (3)

Lepigonum marginatum W.D.J.Koch var. *glabra* L. (1)

Lepigonum marginatum W.D.J.Koch var. *glandulosa* Fenzl (1)

S. glandulosa Fenzl var. *glabrifolia* Fenzl (1)

S. glandulosa Fenzl var. *glandulosa* (1)

S. marginata Kitt. (2)

Perennial. Herb. Ht 0.05–1 m. Alt 5–1370 m. N, NW, FS, KZN, NC, WC, EC

***rubra** (L.) J.Presl & C.Presl

S. campestris (L.) Asch. (3)

Annual. Herb. Ht up to 0.3 m. WC, EC

***STELLARIA** L. 2429000

(1) Wild. 1961. *FZ* 1,2: 349, 350.

(2) Hilliard & Burtt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42: 228.

(3) Danin. 1990. *South African Journal of Botany* 56: 413.

media (L.) Vill.

Annual. Herb. Ht 0.05–0.5 m. Alt 5–2208 m. B, LIM, NW, G, KZN, L, WC, EC

pallida (Dumort.) Piré

Annual. Herb. Ht 0.07–0.3 m. Alt 100–1525 m. LIM, NW, G, KZN, L, WC, EC

sennii Chiov.

Annual. Herb. Ht 0.3–2 m. Alt 11–2446 m. N, B, KZN, L, EC

TUNICA Scop. 2498010

prolifera (L.) Scop. = **Petrorrhagia prolifera**

***VACCARIA** Medik. 2501000

(1) Tutin *et al.* 1964. *Flora europaea* 1: 186.

(2) Léonard. 1985. *Bulletin du Jardin Botanique National de Belgique* 55: 297, 298.

(3) Rechinger. 1988. *Flora of Iranica* 163: 337, 338.

hispanica (Miller) Rauschert var. **hispanica**

Saponaria vaccaria L. var. *grandiflora* Fisch. ex Ser. (2)

V. pyramidata Medik. var. *pyramidata* (2)

Annual. Herb. Ht 0.2–0.7 m. Alt 610–1617 m. NW, G, M, FS, NC, WC, EC

pyramidata Medik. var. *pyramidata* = **V. hispanica** var. **hispanica**

***CASUARINACEAE**

Compiled by M. Jordaan

***CASUARINA** L. 1855000

(1) Wilmot-Dear. 1985. *FTEA* Casuarinaceae: 1–8.

(2) Wilmot-Dear. 1991. *FZ* 9,6: 116–120.

(3) Wilmot-Dear. 2000. *Bothalia* 30: 143–146.

cunninghamiana Miq.

Perennial. Tree. Ht 7–25 m. Alt? G, WC, EC

equisetifolia J.R.Forst. & G.Forst.

Perennial. Tree. Ht 7–25 m. Alt ± 0 m. KZN

CELASTRACEAE

Compiled by R.H. Archer & M. Jordaan

ALLOCASSINE N.Robson 4641030

(1) Robson. 1965. *Boletim da Sociedade Broteriana* sér. 2, 39: 30.

(2) Archer & Van Wyk. 1998. *South African Journal of Botany* 64: 189–191.

laurifolia (Harv.) N.Robson

Cassine laurifolia (Harv.) Davison (1)

Elaeodendron ? laurifolium Harv. (1)

Perennial. Shrub or climber. Ht 1.5–6 m. Alt 25–610 m. S, KZN, EC

tetragona (L.f.) N.Robson = **Lauridia tetragona**

CASSINE L. 4641000

(1) Archer & Van Wyk. 1997. *South African Journal of Botany* 63: 146–157.

(2) Archer *et al.* 1997. *Flowering Plants of Africa* 55: 70–74, t. 2134.

(3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 885–912.

aethiopica Thunb. = **Mystroxydon aethiopicum** subsp. **aethiopicum**

affinis Sond. = **C. peragua** subsp. **affinis**

albanensis Sond. = **Lauridia tetragona**

barbara L. = **C. peragua** subsp. **barbara**
burchelli Loes. = **C. parvifolia**
burkeana (Sond.) Kuntze = **Mystroxylo** **aethiopicum**
 subsp. **burkeanum**
capensis in sense of Davison, not of L., misapplied
 name = **C. peragua** subsp. **barbara**
capensis L. = **C. peragua** subsp. **peragua**
capensis L. var. *colpoon* (L.) DC. = **C. peragua** subsp.
peragua
colpoon (L.) Thunb. = **C. peragua** subsp. **peragua**
crocea of most authors, not of Thunb. = **Elaeodendron**
zeyheri
crocea (Thunb.) Kuntze = **Elaeodendron croceum**
eucleiformis (Eckl. & Zeyh.) Kuntze = **Robsonodendron**
eucleiforme
kraussiana Bernh. = **C. peragua** subsp. **peragua**
latifolia Eckl. & Zeyh. = **Lauridia tetragona**
latifolia Eckl. & Zeyh. var. *heterophylla* Sond. = **Lauridia**
tetragona
laurifolia (Harv.) Davison = **Allocassine laurifolia**
maritima (Bolus) F.Bolus & L.Bolus = **Robsonodendron**
maritimum
matabelicum (Loes.) Steedman = **Elaeodendron mata-**
belicum
maurocena L. = **Maurocena frangula**
papillosa (Hochst.) Kuntze = **Elaeodendron croceum**
parvifolia Sond.
C. burchelli Loes. (1)
C. schinziana (Loes.) Loes. (1)
Maurocena schinziana Loes. (1)
 Perennial. Tree or shrub. Ht 0.5–4 m. Alt 90–1800 m.
 WC, EC
peragua L. subsp. **affinis** (Sond.) R.H.Archer
C. affinis Sond. (1)
 Perennial. Tree. Ht 1.5–9 m. Alt 10–750 m. NC, WC
peragua L. subsp. **barbara** (L.) R.H.Archer
C. barbara L. (1)
C. capensis in sense of Davison, not of L., misapplied name (1)
 Perennial. Shrub. Ht 1–2 m. Alt 10–200 m. WC
peragua L. subsp. **peragua**
C. capensis L. (1)
C. capensis L. var. *colpoon* (L.) DC. (1)
C. colpoon (L.) Thunb. (1)
C. kraussiana Bernh. (1)
Elaeodendron kraussianum (Bernh.) Sim (1)
Euonymus colpoon L. (1)
 Perennial. Tree or shrub. Ht 0.5–11 m. Alt 100–1700
 m. LIM, M, S, KZN, WC, EC
pubescens (Eckl. & Zeyh.) Kuntze = **Mystroxylo**
aethiopicum subsp. **aethiopicum**
reticulata (Eckl. & Zeyh.) Codd = **Lauridia reticulata**
scandens Eckl. & Zeyh. = **Lauridia tetragona**
scandens Eckl. & Zeyh. var. *latifolia* Sond. = **Lauridia**
tetragona
scandens Eckl. & Zeyh. var. *laxa* Loes. = **Lauridia tetra-**
gona
schinoides (Spreng.) R.H.Archer
Elaeodendron schinoides Spreng. (1)
Hartogia angustifolia Turcz. (1)

Hartogia capensis L. (1)
Hartogia capensis L. var. *lanceolata* Sond. (1)
Hartogia capensis L. var. *latifolia* Sond. (1)
Hartogia capensis L. var. *multiflora* (Eckl. & Zeyh.) Sond. (1)
Hartogia capensis L. var. *riparia* (Eckl. & Zeyh.) Sond. (1)
Hartogia schinoides C.A.Sm. (1)
Hartogiella schinoides (Spreng.) Codd (1)
Schrebera schinoides Thunb. (1)
 Perennial. Tree, shrub. Ht 2–5 m. Alt 100–1800 m.
 WC, EC

schinziana (Loes.) Loes. = **C. parvifolia**
sphaerophylla (Eckl. & Zeyh.) Kuntze = **Mystroxylo**
aethiopicum subsp. **aethiopicum**
szyszyłowiczii Kuntze = **Gymnosporia** sp. A
tetragona (L.f.) Druce = **Lauridia tetragona**
tetragona (L.f.) Loes. = **Lauridia tetragona**
tetragona (Thunb.) Loes. = **Lauridia tetragona**
tetragona Thunb. var. *laxa* (Loes.) Loes. = **Lauridia**
tetragona
transvaalensis (Burt Davy) Codd = **Elaeodendron**
transvaalense
velutinum (Harv.) Loes. = **Mystroxylo** **aethiopicum**
 subsp. **aethiopicum**

CATHA Forssk. ex Scop. 4629000

(1) Davison. 1927. *Bothalia* 2: 339–342.
 (2) Robson. 1966. *FZ* 2: 379–381.
 (3) Vorster. 1976. *The Flowering Plants of Africa* 43: t. 1685.
 (4) Van Wyk & Prins. 1987. *South African Journal of Botany* 53:
 202–205.
 (5) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern*
Africa, edn 3: 885–912.

abbottii A.E.van Wyk & Prins = **Lydenburgia abbotii**
campestris (Eckl. & Zeyh.) C.Presl = **Putterlickia pyra-**
cantha

cassinoides (N.Robson) Codd, name illegitimate =
Lydenburgia cassinoides

edulis (Vahl) Endl.

Methyscophyllum glaucum Eckl. & Zeyh. (1)
 Perennial. Tree or shrub. Ht 1–10 m. Alt 350–1000 m.
 LIM, M, S, KZN, EC

integrifolia (L.f.) G.Don = **Gloveria integrifolia**

transvaalensis Codd = **Lydenburgia cassinoides**

CATHASTRUM Turcz. 4646010

capense Turcz. = **Pleurostyli** **capensis**

CELASTRUS L. 4625000

acuminatus L.f. = **Maytenus acuminata** var. **acuminata**

albatus N.E.Br. = **Maytenus albata**

angularis Sond. = **Gymnosporia heterophylla**

campestris Eckl. & Zeyh. = **Putterlickia pyracantha**

capitatus E.Mey. ex Sond. = **Gymnosporia capitata**

cordatus E.Mey. ex Sond. = **Maytenus cordata**

filiformis L.f. = **Secamone filiformis**

ilicinus Burch. = **Maytenus ilicina**

integrifolius L.f. = **Gloveria integrifolia**

lanceolatus E.Mey. ex Sond. = **Gymnosporia linearis**
 subsp. **lanceolata**

laurinus Thunb. = **Maytenus oleoides**
linearis L.f. = **Gymnosporia linearis** subsp. **linearis**
lucidus L. = **Maytenus lucida**
maritimus Bolus = **Robsonodendron maritimum**
obtusus Thunb. = **Putterlickia pyracantha**
peduncularis Sond. = **Maytenus peduncularis**
procumbens L.f. = **Maytenus procumbens**
pyracanthus L. = **Putterlickia pyracantha**
saxatilis Burch. = **Putterlickia saxatilis**
tetragonus Thunb. = **Lauridia tetragona**
undatus Thunb. = **Maytenus undata**
verrucosus Sond. = **Putterlickia verrucosa**

CROCOXYLON Eckl. & Zeyh. 4640010
croceum of most authors, not of Thunb. = **Elaeodendron zeyheri**
croceum (Thunb.) N.Robson = **Elaeodendron croceum**
excelsum Eckl. & Zeyh., illegitimate name = **Elaeodendron zeyheri**
transvaalense (Burt Davy) N.Robson = **Elaeodendron transvaalense**

ELACHYPTERA A.C.Sm. 4661010
 (1) Robson *et al.* 1994. *FTEA* Celastraceae: 48–51.
parvifolia (Oliv.) N.Hallé
Hippocratea parvifolia Oliv. (1)
 Perennial. Shrub or climber. Ht 2–8 m. Alt 318–460 m. LIM

ELAEODENDRON Jacq. 4640000
 (1) Archer & Condy. 1995. *Flowering Plants of Africa* 54: 58–62, t. 2112.
 (2) Archer & Van Wyk. 1996. *Bothalia* 26: 41, 42.
 (3) Archer & Van Wyk. 1998. *South African Journal of Botany* 64: 93–109.
capense Eckl. & Zeyh. = **E. croceum**
croceum (Thunb.) DC.
Cassine crocea (Thunb.) Kuntze (1)
Cassine papillosa (Hochst.) Kuntze (1)
Crocoxylon croceum (Thunb.) N.Robson (1)
E. capense Eckl. & Zeyh. (1)
E. papillosum Hochst. (1)
Ilex crocea Thunb. (1)
 Perennial. Tree. Ht 3–15 m. Alt 250–2600 m. LIM, KZN, WC, EC
croceum of most authors, not of Thunb. = **E. zeyheri**
croceum (Thunb.) DC. var. *heterophyllum* Loes. = **E. transvaalense**
eucleiforme (Eckl. & Zeyh.) Ettingsh. = **Robsonodendron eucleiforme**
excelsum (Eckl. & Zeyh.) Ettingsh. = **E. zeyheri**
fruticosum N.Robson = **E. matabelicum**
kraussianum (Bernh.) Sim = **Cassine peragua** subsp. **peragua**
?laurifolium Harv. = **Allocassine laurifolia**
matabelicum Loes.
Cassine matabelicum (Loes.) Steedman (3)
E. fruticosum N.Robson (3)
 Perennial. Tree. Ht 3–15 m. Alt ± 1050 m. B

oligocarpum (Eckl. & Zeyh.) Ettingsh. = **Robsonodendron eucleiforme**
papillosum Hochst. = **E. croceum**
reticulatum (Eckl. & Zeyh.) Ettingsh. = **Lauridia reticulata**
schinoides Spreng. = **Cassine schinoides**
transvaalense (Burt Davy) R.H.Archer
Cassine transvaalensis (Burt Davy) Codd (3)
Crocoxylon transvaalense (Burt Davy) N.Robson (3)
E. croceum (Thunb.) DC. var. *heterophyllum* Loes. (3)
Pseudocassine transvaalensis (Burt Davy) Bredell (3)
Salacia transvaalensis Burt Davy (3)
 Perennial. Tree or shrub. Ht 2–5 m. Alt 200–1700 m. N, B, LIM, NW, M, S, KZN

zeyheri Spreng. ex Turcz.
Cassine crocea of most authors, not of Thunb. (3)
Crocoxylon croceum of most authors, not of Thunb. (3)
Crocoxylon excelsum Eckl. & Zeyh., illegitimate name (3)
E. croceum of most authors, not of Thunb. (3)
E. excelsum (Eckl. & Zeyh.) Ettingsh. (3)
Salacia zeyheri Planch. ex Harv. (3)
 Perennial. Tree. Ht 2–10 m. Alt 200–1750 m. LIM, KZN, EC

EMPLEURIDIUM Sond. 4626010
 (1) Goldblatt *et al.* 1985. *Annals of the Missouri Botanical Garden* 72: 167–183.

juniperinum Sond.
 Perennial. Dwarf shrub. Ht? Alt 600–1200 m. WC

EUONYMUS L. 4618000
colpoon L. = **Cassine peragua** subsp. **peragua**

GLOVERIA M.Jordaan 4628010
 (1) Jordaan & Van Wyk. 1998. *South African Journal of Botany* 64: 299–302.

integrifolia (L.f.) M.Jordaan
Catha integrifolia (L.f.) G.Don (1)
Celastrus integrifolius L.f. (1)
Gymnosporia integrifolia (L.f.) R.Glover (1)
 Perennial. Shrub. Ht 0.5–2.5 m. Alt? NC, WC

GYMNOSPORA (Wight & Arn.) Hook.f. 4627000
 (1) Schönland. 1919. *Memoirs of the Botanical Survey of South Africa* No. 1: 73.
 (2) Davison. 1927. *Bothalia* 2: 289–346.
 (3) Loesener. 1942. *Die natürlichen Pflanzenfamilien* 2, 20b: 87–158.
 (4) Robson. 1966. *FZ* 2: 358–374.
 (5) Archer. 1992. *South African Journal of Botany* 58: 393–396.
 (6) Jordaan. 1995. *A taxonomic revision of the spiny members of subfamily Celastroideae (Celastraceae) in southern Africa*. Unpublished M.Sc. thesis, Univ. Pretoria.
 (7) Jordaan & Van Wyk. 1999. *South African Journal of Botany* 65: 177–181.
 (8) Jordaan & Condy. 1999. *Flowering Plants of Africa* 56: 82–85, t. 2154.
 (9) Jordaan & Van Wyk. 1999. *South African Journal of Botany* 65: 315–320.
 (10) Jordaan & Van Wyk. 2000. *South African Journal of Botany* 66: 10–14.
 (11) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 885–912.
 (12) Jordaan. 2002. In Schmidt *et al.*, *Trees and shrubs of Mpumalanga and Kruger National Park*: 676.
 (13) Schmidt *et al.* 2002. *Trees and shrubs of Mpumalanga and Kruger National Park*: 332–362.

acuminata (L.f.) Szyszyl. = **Maytenus acuminata** var. **acuminata**

albata (N.E.Br.) Sim = **Maytenus albata**

amapondensis Sim = **Robsonodendron eucleiforme**

angularis (Sond.) Sim = **G. heterophylla**

angularis (Sond.) Sim var. *grandifolia* Davison = **G. grandifolia**

apiculata Sim = **Robsonodendron maritimum**

arenicola M.Jordaan

Maytenus heterophylla (Eckl. & Zeyh.) N.Robson subsp. *arenaria* N.Robson in part (9)

Perennial. Tree or shrub. Ht 1–5 m. Alt 0–300 m. KZN

bachmannii Loes.

Maytenus bachmannii (Loes.) Marais (8)

Perennial. Tree or shrub. Ht 0.5–2 m. Alt 0–300 m. KZN, EC

buxifolia (L.) Szyszyl.

Perennial. Tree or shrub. Ht up to 7 m. Alt 0–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

capitata (E.Mey. ex Sond.) Loes.

Celastrus capitatus E.Mey. ex Sond. (2)

Maytenus capitata (E.Mey. ex Sond.) Marais (11)

Perennial. Shrub. Ht 0.5–2.5 m. Alt 0–2000 m. WC, EC

cordata (E.Mey. ex Sond.) Sim = **Maytenus cordata**

crataegiflora Davison = **G. woodii**

deflexa Sprague = **Maytenus deflexa**

devenishii M.Jordaan

Perennial. Tree or shrub. Ht 2–5 m. Alt 500–1500 m. KZN, EC

elliptica (Thunb.) Schönland

Perennial. Dwarf shrub. Ht 0.4–0.9 m. Alt 0–100 m. EC

fasciculata (Tul.) Loes. = **Maytenus undata**

filiformis Davison in part = **Maytenus** sp. A

glaucophylla M.Jordaan

Maytenus heterophylla (Eckl. & Zeyh.) N.Robson subsp. *glaucophylla* N.Robson (12)

Perennial. Tree or shrub. Ht 0.4–0.8 m. Alt 0–100 m. LIM, M, S, KZN

grandifolia (Davison) M.Jordaan

G. angularis (Sond.) Sim var. *grandifolia* Davison (12)

Perennial. Tree. Ht 2–4 m. Alt 0–100 m. LIM, M, S, KZN, EC

harveyana Loes.

Maytenus mossambicensis in sense of (Klotzsch) Blakelock in part (11)

Perennial. Tree or shrub. Ht 1–8 m. Alt 0–1000 m. LIM, M, S, KZN, EC

heterophylla (Eckl. & Zeyh.) Loes.

Celastrus angularis Sond. (6)

G. angularis (Sond.) Sim (6)

Maytenus heterophylla in sense of (Eckl. & Zeyh.) N.Robson in part (6)

Perennial. Dwarf shrub or shrub. Ht 0.4–1.5 m. Alt 0–1500 m. LIM, M, S, KZN, EC

ilicina (Burch.) Davison. = **Maytenus ilicina**

integrifolia (L.f.) R.Glover = **Gloveria integrifolia**

lanceolata (Eckl. & Zeyh.) Loes. = **G. linearis** subsp. **lanceolata**

laurina (Thunb.) Szyszyl. = **Maytenus oleoides**

linearis (L.f.) Loes. subsp. **linearis**

Celastrus linearis L.f. (2)

Maytenus linearis in sense of (L.f.) Marais in part (11)

Perennial. Tree or shrub. Ht 1–6 m. Alt 0–300 m. WC, EC

linearis (L.f.) Loes. subsp. **lanceolata** (E.Mey. ex Sond.) M.Jordaan

Celastrus lanceolatus E.Mey. ex Sond. (11)

G. lanceolata (Eckl. & Zeyh.) Loes. (11)

Maytenus linearis in sense of (L.f.) Marais in part (11)

Perennial. Tree or shrub. Ht 1–4 m. Alt 0–300 m. N, NC

lucida (L.) Loes. = **Maytenus lucida**

macrocarpa M.Jordaan

Perennial. Shrub or occ. tree. Ht 0.5–3 m. Alt 0–1500 m. KZN

maranguensis (Loes.) Loes.

Perennial. Tree or shrub. Ht 1–4 m. Alt? N, B, LIM, NW, G, M, S, KZN

markwardii M.Jordaan

Maytenus heterophylla (Eckl. & Zeyh.) N.Robson subsp. *arenaria* N.Robson in part (9)

Perennial. Dwarf shrub. Ht 0.4–1.5 m. Alt 0–100 m. KZN

monococca Davison = **Maytenus monococca**

mossambicensis (Klotzsch) Loes.

Maytenus mossambicensis in sense of (Klotzsch) Blakelock in part (11)

Perennial. Tree or shrub. Ht 1–4 m. Alt 0–300 m. LIM

nemorosa (Eckl. & Zeyh.) Szyszyl.

Maytenus nemorosa (Eckl. & Zeyh.) Marais (6)

Perennial. Tree or shrub. Ht 1–5 m. Alt? M, S, KZN, WC, EC

oxycarpa (N.Robson) M.Jordaan

Maytenus oxycarpa N.Robson (12)

Perennial. Dwarf shrub. Ht 0.4–1 m. Alt 0–300 m. LIM

peduncularis (Sond.) Loes. = **Maytenus peduncularis**

polyacantha (Sond.) Szyszyl. subsp. **polyacantha**

Maytenus polyacantha in sense of Marais in part (11)

Perennial. Tree or shrub. Ht 1–3 m. Alt? EC

polyacantha (Sond.) Szyszyl. subsp. **vaccinifolia** (P.Conrath) M.Jordaan

G. vaccinifolia P.Conrath (11)

Maytenus polyacantha in sense of Marais in part (11)

Perennial. Tree or shrub. Ht up to 3 m. Alt? LIM, NW, G, M

procumbens (L.f.) Loes. = **Maytenus procumbens**

pubescens (N.Robson) M.Jordaan

Maytenus pubescens N.Robson (12)

Perennial. Tree or shrub. Ht 0.5–2 m. Alt 100–335 m. LIM

putterlickioides Loes.

Maytenus putterlickioides (Loes.) Exell & Mendonça (11)

Perennial. Shrub or occ. tree. Ht up to 3 m. Alt? LIM

rubra (Harv.) Loes.

Maytenus mossambicensis (Klotzsch) Blakelock var. *rubra* (Harv.) Blakelock (11)

Perennial. Tree or shrub. Ht up to 3 m. Alt? M, KZN, EC

saxatilis (Burch.) Davison = **Putterlickia saxatilis**

senegalensis (Lam.) Loes.

Maytenus senegalensis (Lam.) Exell (6)

Perennial. Tree or shrub. Ht up to 4 m. Alt? N, B, LIM, M, S, KZN

tenuispina (Sond.) Szyszyl.

Maytenus tenuispina (Sond.) Marais (6)

Perennial. Shrub. Ht up to 1.5 m. Alt? B, LIM, NW, G, M, KZN, FS

undata (Thunb.) Szyszyl. = **Maytenus undata**

uniflora Davison

Perennial. Dwarf shrub. Ht 0.4–0.8 m. Alt? KZN, EC
vacciniifolia P.Conrath = **G. polyacantha** subsp. **vacciniifolia**

woodii Szyszyl.

G. crataegiflora Davison (3)

Perennial. Dwarf shrub. Ht up to 0.8 m. Alt 100–300 m. KZN

zeyheri (Sond.) Davison = **Maytenus undata**

sp. A

Cassine szyszylowiczii Kuntze

Perennial. Shrub. Ht up to 2 m. Alt? N, NC, WC, EC

sp. B

Maytenus vanwykii R.H.Archer

Perennial. Dwarf shrub. Ht 0.4–0.9 m. Alt 0–300 m. KZN, EC

HARTOGIA L.f., not of L. 4645010

angustifolia Turcz. = **Cassine schinoides**

capensis L. = **Cassine schinoides**

capensis L. var. *lanceolata* Sond. = **Cassine schinoides**

capensis L. var. *latifolia* Sond. = **Cassine schinoides**

capensis L. var. *multiflora* (Eckl. & Zeyh.) Sond. = **Cassine schinoides**

capensis L. var. *riparia* (Eckl. & Zeyh.) Sond. = **Cassine schinoides**

schinoides C.A.Sm. = **Cassine schinoides**

HARTOGIELLA Codd 4645000

schinoides (Spreng.) Codd = **Cassine schinoides**

HIPPOCRATEA L. 4661000

africana (Willd.) Loes. var. *richardiana* (Cambess.) N.Robson = **Loeseneriella africana** var. **richardiana**

buchananii Loes. = **Reissantia buchananii**

crenata (Klotzsch) K.Schum. & Loes. = **Loeseneriella crenata**

delagoensis Loes. = **Prionostemma delagoensis**

indica Willd. = **Reissantia indica** var. **orientalis**

kirkii Oliv. = **Loeseneriella crenata**

longipetiolata Oliv. = **Pristimera longipetiolata**

nitida Oberm. = **Loeseneriella africana** var. **richardiana**

obtusifolia in sense of Oliv., misapplied name = **Loeseneriella africana** var. **richardiana**

parviflora N.E.Br. = **Reissantia parviflora**

parvifolia Oliv. = **Elachyptera parvifolia**

schlechteri Loes. = **Pristimera longipetiolata**

schlechteri Loes. var. *peglerae* Loes. = **Pristimera bojeri**

LAURIDIA Eckl. & Zeyh. 4647000

(1) Archer & Van Wyk. 1997. *South African Journal of Botany* 63: 227–232.

reticulata Eckl. & Zeyh.

Cassine reticulata (Eckl. & Zeyh.) Codd (1)

Elaeodendron reticulatum (Eckl. & Zeyh.) Ettingsh. (1)

Mystroxydon reticulatum (Eckl. & Zeyh.) D.Dietr. (1)

Perennial. Shrub or tree. Ht 1–4.5 m. Alt 100–750 m. EC

tetragona (L.f.) R.H.Archer

Allocassine tetragona (L.f.) N.Robson (1)

Cassine albanensis Sond. (1)

Cassine latifolia Eckl. & Zeyh. (1)

Cassine latifolia Eckl. & Zeyh. var. *heterophylla* Sond. (1)

Cassine scandens Eckl. & Zeyh. (1)

Cassine scandens Eckl. & Zeyh. var. *latifolia* Sond. (1)

Cassine scandens Eckl. & Zeyh. var. *laxa* Loes. (1)

Cassine tetragona (L.f.) Druce (1)

Cassine tetragona (L.f.) Loes. (1)

Cassine tetragona (Thunb.) Loes. (1)

Cassine tetragona Thunb. var. *laxa* (Loes.) Loes. (1)

Celastrus tetragonus Thunb. (1)

Rhamnus tetragona L.f. (1)

Perennial. Shrub or scrambler. Ht 1–3 m. Alt 20–1750 m. LIM, M, S, KZN, WC, EC

LOESENERIELLA A.C.Sm. 4661080

(1) Robson. 1966. *FZ* 2: 408–411.

(2) Robson *et al.* 1994. *FTEA* Celastraceae: 65–70.

africana (Willd.) N.Hallé var. **richardiana** (Cambess.) N.Hallé

Hippocratea africana (Willd.) Loes. var. *richardiana* (Cambess.) N.Robson (2)

Hippocratea nitida Oberm. (1)

Hippocratea obtusifolia in sense of Oliv., misapplied name (2)

Perennial. Shrub or climber. Ht 0.5–15 m. Alt 302–1675 m. N, B, LIM

crenata (Klotzsch) N.Hallé

Hippocratea crenata (Klotzsch) K.Schum. & Loes. (1)

Hippocratea kirkii Oliv. (2)

Perennial. Shrub or climber. Ht 2–3 m. Alt ?–549 m. LIM

LYDENBURGIA N.Robson 4629010

(1) Robson. 1965. *Boletim da Sociedade Broteriana* sér. 2, 39: 35.

(2) Codd. 1966. *Bothalia* 9: 124.

(3) Codd. 1971. *Bothalia* 10: 365.

(4) Van Wyk & Prins. 1987. *South African Journal of Botany* 53: 202–205.

(5) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 885–912.

(6) Schmidt *et al.* 2002. *Trees and shrubs of Mpumalanga and Kruger National Park*: 332–362.

abbottii (A.E.van Wyk & Prins) Steenkamp, A.E.van Wyk & Prins

Catha abbottii A.E.van Wyk & Prins (5)

Perennial. Tree. Ht 3–8 m. Alt 0–100 m. KZN, EC

cassinoides N.Robson

Catha cassinoides (N.Robson) Codd, illegitimate name (1)

Catha transvaalensis Codd (2)

Perennial. Tree or shrub. Ht 1–12 m. Alt 335–1900 m. LIM, M

MAUROCENIA Mill. 4644000

(1) Archer & Van Wyk. 1998. *Bothalia* 28: 7–10.

capensis Sond. = **M. frangula**

frangula Mill.

Cassine maurocenia L. (1)

M. capensis Sond. (1)

M. frangularia Willd., incorrect spelling of most authors (1)
Perennial. Tree or shrub. Ht 1–7 m. Alt 10–945 m. WC
frangularia Willd. = **M. frangula**
schinziana Loes. = **Cassine parvifolia**

MAYTENUS Molina 4626000

- (1) Davison. 1927. *Bothalia* 2: 289–346.
- (2) Loesener. 1942. *Die natürlichen Pflanzenfamilien* 2, 20b: 87–158.
- (3) Marais. 1960. *Bothalia* 7: 381–386.
- (4) Robson. 1966. *FZ* 2: 358–374.
- (5) Van Wyk. 1984. *South African Journal of Botany* 3: 115–119.
- (6) Van Wyk & Archer. 1987. *South African Journal of Botany* 53: 155–160.
- (7) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 885–912.
- (8) Schmidt *et al.* 2002. *Trees and shrubs of Mpumalanga and Kruger National Park*: 332–362.

abbottii A.E.van Wyk
Perennial. Tree. Ht up to 4 m. Alt 0–300 m. KZN

acuminata (L.f.) Loes. var. **acuminata**
Celastrus acuminatus L.f. (1)
Gymnosporia acuminata (L.f.) Szyszyl. (3)
Perennial. Tree or shrub. Ht 0.5–4 m. Alt 5–1293 m.
LIM, M, S, FS, KZN, L, NC, WC, EC

albata (N.E.Br.) E.Schmidt & M.Jordaan
*Celastrus albatu*s N.E.Br. (8)
Gymnosporia albata (N.E.Br.) Sim (8)
Perennial. Tree or shrub. Ht up to 6 m. Alt? LIM, M,
KZN, L, EC

angustifolia (C.Presl ex Sond.) Moll & L.B.Scott =
Robsonodendron eucleiforme

bachmannii (Loes.) Marais = **Gymnosporia bachmannii**

capitata (E.Mey. ex Sond.) Marais = **Gymnosporia capitata**

cordata (E.Mey. ex Sond.) Loes.
Celastrus cordatus E.Mey. ex Sond. (1)
Gymnosporia cordata (E.Mey. ex Sond.) Sim (7)
Perennial. Tree or shrub. Ht 2–4 m. Alt 10–300 m.
KZN, EC

deflexa (Sprague) E.Schmidt & M.Jordaan
Gymnosporia deflexa Sprague (8)
Perennial. Tree or shrub. Ht up to 10 m. Alt? LIM, M,
KZN, EC

heterophylla (Eckl. & Zeyh.) N.Robson subsp. **arenaria**
N.Robson in part = **Gymnosporia arenicola**

heterophylla (Eckl. & Zeyh.) N.Robson subsp. **arenaria**
N.Robson in part = **Gymnosporia markwardii**

heterophylla (Eckl. & Zeyh.) N.Robson subsp. **glauca**
N.Robson = **Gymnosporia glaucophylla**

heterophylla in sense of (Eckl. & Zeyh.) N.Robson in
part = **Gymnosporia heterophylla**

ilicina (Burch) Loes.
Celastrus ilicinus Burch. (1)
Gymnosporia ilicina (Burch.) Davison (7)
Perennial. Shrub or tree. Ht up to 3 m. Alt? NC

linearis in sense of (L.f.) Marais in part = **Gymnosporia linearis**
linearis subsp. **lanceolata**

linearis in sense of (L.f.) Marais in part = **Gymnosporia linearis**
linearis subsp. **linearis**

lucida (L.) Loes.
Celastrus lucidus L. (2)
Gymnosporia lucida (L.) Loes. (3)
Perennial. Shrub. Ht up to 2 m. Alt 5–275 m. WC

monococca (Davison) Loes.
Gymnosporia monococca Davison (2)
Perennial. Tree or shrub. Ht up to 2 m. Alt 5–200 m.
WC

mossambicensis in sense of (Klotzsch) Blakelock in part
= **Gymnosporia harveyana**

mossambicensis in sense of (Klotzsch) Blakelock in part
= **Gymnosporia mossambicensis**

mossambicensis (Klotzsch) Blakelock var. **rubra** (Harv.)
Blakelock = **Gymnosporia rubra**

nemorosa (Eckl. & Zeyh.) Marais = **Gymnosporia nemorosa**

oleoides (Lam.) Loes.
Celastrus laurinus Thunb. (2)
Gymnosporia laurina (Thunb.) Szyszyl. (3)
Scytophyllum laurinum (Thunb.) Eckl. & Zeyh. (3)
Perennial. Tree or shrub. Ht 0.5–2 m. Alt 30–1310 m.
NC, WC, EC

oleosa A.E.van Wyk & R.H.Archer
Perennial. Tree. Ht 3–4 m. Alt 10–300 m. KZN, EC

oxycarpa N.Robson = **Gymnosporia oxycarpa**

peduncularis (Sond.) Loes.
Celastrus peduncularis Sond. (3)
Gymnosporia peduncularis (Sond.) Loes. (3)
Perennial. Tree or shrub. Ht 1–13 m. Alt 15–1980 m.
LIM, M, S, FS, KZN, WC, EC

polyacantha in sense of Marais in part = **Gymnosporia polyacantha**
subsp. **polyacantha**

polyacantha in sense of Marais in part = **Gymnosporia polyacantha**
subsp. **vaccinifolia**

procumbens (L.f.) Loes.
Celastrus procumbens L.f. (3)
Gymnosporia procumbens (L.f.) Loes. (3)
Perennial. Tree, shrub or dwarf shrub. Ht 0.5–3 m. Alt
5–200 m. KZN, WC, EC

pubescens N.Robson = **Gymnosporia pubescens**
putterlickioides (Loes.) Exell & Mendonça = **Gymnosporia putterlickioides**

senegalensis (Lam.) Exell = **Gymnosporia senegalensis**

tenuispina (Sond.) Marais = **Gymnosporia tenuispina**

undata (Thunb.) Blakelock
Celastrus undatus Thunb. (3)
Gymnosporia fasciculata (Tul.) Loes. (3)
Gymnosporia undata (Thunb.) Szyszyl. (3)
Gymnosporia zeyheri (Sond.) Davison (3)
Perennial. Tree or shrub. Ht 1–6 m. Alt 5–2225 m. B,
LIM, NW, G, M, S, FS, KZN, L, WC, EC

vanwykii R.H.Archer = **Gymnosporia** sp. **B**

sp. A
Gymnosporia filiformis Davison in part (1)
Perennial. Tree or shrub. Ht 1–4 m. Alt 0–200 m. KZN

METHYSCOPHYLLUM Eckl. & Zeyh. 4629010

glaucum Eckl. & Zeyh. = **Catha edulis**

MYSTROXYLON Eckl. & Zeyh. 4642000

- (1) Archer *et al.* 1997. *Flowering Plants of Africa* 55: 76–80, t. 2134.
- (2) Archer. 1996. *A taxonomic revision of southern African Cassinoideae (Celastraceae)*: 107–126. Unpublished thesis, Univ. Pretoria.
- (3) Archer. 2002. In Schmidt *et al.*, *Trees and shrubs of Mpumalanga and Kruger National Park*: 676.

aethiopicum (Thunb.) Loes. subsp. **aethiopicum**

Cassine aethiopica Thunb. (2)
Cassine pubescens (Eckl. & Zeyh.) Kuntze (2)
Cassine sphaerophylla (Eckl. & Zeyh.) Kuntze (2)
Cassine velutinum (Harv.) Loes. (2)
M. confertiflorum Tul. (2)

Perennial. Tree or shrub. Ht 2–10 m. Alt 10–1000 m.
 WC, EC

aethiopicum (Thunb.) Loes. subsp. **burkeanum** (Sond.)

R.H.Archer

Cassine burkeana (Sond.) Kuntze (3)

Perennial. Tree or shrub. Ht 0.5–8 m. Alt 1400–1600 m. NW, G, M, FS

aethiopicum (Thunb.) Loes. subsp. **schlechteri** (Loes.)

R.H.Archer

Perennial. Tree or shrub. Ht 2–15 m. Alt 10–2000 m.
 LIM, M, S, KZN

confertiflorum Tul. = **M. aethiopicum** subsp. **aethiopicum***eucleiforme* Eckl. & Zeyh. = **Robsonodendron eucleiforme***maritimum* (Bolus) Loes. = **Robsonodendron maritimum***oligocarpum* Eckl. & Zeyh. = **Robsonodendron eucleiforme***reticulatum* (Eckl. & Zeyh.) D.Dietr. = **Lauridia reticulata****PLEUROSTYLIA** Wight & Arn. 4646000

(1) Davison. 1927. *Bothalia* 2: 342.

(2) Archer. 1996. *A taxonomic revision of southern African Cassinoideae (Celastraceae)*: 174–182. Unpublished thesis, Univ. Pretoria.

africana Loes. = **P. capensis****capensis** (Turcz.) Loes.

Cathastrum capense Turcz. (1)

P. africana Loes. (2)

Perennial. Tree or shrub. Ht 2–18 m. Alt 30–1640 m.
 LIM, M, S, KZN, EC

PRIONOSTEMMA Miers 4661020

(1) Hallé. 1981. *Bulletin du Muséum National d'Histoire Naturelle* 4e sér. 3, sect. B: 7–8.

delagoensis (Loes.) N.Hallé var. **delagoensis**

Hippocratea delagoensis Loes. (1)

Perennial. Shrub or climber. Ht 3–9 m. Alt 5–460 m.
 KZN

PRISTIMERA Miers 4661040

(1) Hallé. 1981. *Bulletin du Muséum National d'Histoire Naturelle* 4e sér. 3, sect. B: 5–14.

(2) Robson *et al.* 1994. *FTEA* Celastraceae: 57–61.

bojeri (Tul.) N.Hallé

Hippocratea schlechteri Loes. var. *peglerae* Loes. (1)

Perennial. Shrub or climber. Ht 1–4 m. Alt 50–366 m.
 KZN, EC

longipetiolata (Oliv.) N.Hallé

Hippocratea longipetiolata Oliv. (1)

Hippocratea schlechteri Loes. (1)

Perennial. Shrub or climber. Ht 1–6 m. Alt 275–1130 m. LIM

PSEUDOCASSINE Bredell 4641010

transvaalensis (Burt Davy) Bredell = **Elaeodendron transvaalense**

PSEUDOSALACIA Codd 4662010

(1) Codd. 1972. *Bothalia* 10: 565–567.

streysi Codd

Perennial. Tree. Ht 1.5–5 m. Alt 50–366 m. KZN, EC

PTEROCELASTRUS Meisn. 4630000

(1) Davison. 1927. *Bothalia* 2: 321–326.

(2) Robson. 1966. *FZ* 2: 374–376.

echinatus N.E.Br.

P. rehmannii Davison (2)

P. variabilis in sense of Sim, misapplied name (2)

Perennial. Tree or shrub. Ht up to 15 m. Alt 300–1980 m. LIM, NW, G, M, S, KZN, EC

galpinii Loes.

Perennial. Tree or shrub. Ht up to 6 m. Alt? M, S

litoralis Walp. = **P. tricuspidatus***rehmannii* Davison = **P. echinatus****rostratus** (Thunb.) Walp.

Perennial. Tree. Ht 2–18 m. Alt 60–1900 m. LIM, M, S, KZN, L, WC, EC

stenopterus Walp. = **P. tricuspidatus***tetrapterus* Walp. = **P. tricuspidatus****tricuspidatus** (Lam.) Walp.

P. litoralis Walp. (1)

P. stenopterus Walp. (1)

P. tetrapterus Walp. (1)

Perennial. Tree or shrub. Ht up to 9 m. Alt 5–1615 m.
 KZN, WC, EC

variabilis in sense of Sim, misapplied name = **P. echinatus**

PUTTERLICKIA Endl. 4628000

(1) Davison. 1927. *Bothalia* 2: 336–338.

(2) Robson. 1966. *FZ* 2: 356–358.

(3) Van Wyk & Mostert. 1987. *South African Journal of Botany* 53: 267–270.

(4) Jordaan & Van Wyk. 1998. *South African Journal of Botany* 64: 322–329.

pyracantha (L.) Szyszyl.

Catha campestris (Eckl. & Zeyh.) C.Presl (1)

Celastrus campestris Eckl. & Zeyh. (1)

Celastrus obtusus Thunb. (1)

Celastrus pyracanthus L. (1)

Perennial. Shrub. Ht up to 2 m. Alt 5–1525 m. WC, EC

retrospinosa A.E.van Wyk & Mostert

Perennial. Climber. Ht variable. Alt 0–300 m. KZN, EC

saxatilis (Burch.) M.Jordaan

Celastrus saxatilis Burch. (4)

Gymnosporia saxatilis (Burch.) Davison (4)

Perennial. Shrub. Ht up to 2 m. Alt? NC

verrucosa (E.Mey. ex Sond.) Szyszyl.

Celastrus verrucosus Sond. (1)

Perennial. Shrub or tree. Ht up to 3 m. Alt 10–1370 m.
 M, S, KZN, EC

REISSANTIA N.Hallé. 4661090

(1) Robson *et al.* 1994. *FTEA* Celastraceae: 51–55.

buchananii (Loes.) N.Hallé

Hippocratea buchananii Loes. (1)

Perennial. Shrub or climber. Ht 1.5–9 m. Alt ± 1500 m. B

indica (Willd.) N.Hallé var. **orientalis** N.Hallé & Mathew
Hippocratea indica Willd. (1)

Perennial. Shrub or climber. Ht 2–4 m. Alt 295–580 m. N, B, LIM

parviflora (N.E.Br.) N.Hallé
Hippocratea parviflora N.E.Br. (1)

Perennial. Shrub or climber. Ht 1–4 m. Alt ?–1030 m. N, B

ROBSONODENDRON R.H.Archer 4642010

(1) Archer & Van Wyk. 1997. *South African Journal of Botany* 63: 116–122.

eucleiforme (Eckl. & Zeyh.) R.H.Archer

Cassine eucleiformis (Eckl. & Zeyh.) Kuntze (1)
Elaeodendron eucleiforme (Eckl. & Zeyh.) Ettingsh. (1)
Elaeodendron oligocarpum (Eckl. & Zeyh.) Ettingsh. (1)
Gymnosporia amapondensis Sim (1)
Maytenus angustifolia (C.Presl ex Sond.) Moll & L.B.Scott (1)
Myrsine gerrardii Harv. & C.H.Wright (1)
Mystroxydon eucleiforme Eckl. & Zeyh. (1)
Mystroxydon oligocarpum Eckl. & Zeyh. (1)
Scytophyllum angustifolium C.Presl ex Sond. (1)
Perennial. Tree. Ht 2–12 m. Alt 10–2000 m. LIM, M, S, KZN, WC, EC

maritimum (Bolus) R.H.Archer

Cassine maritima (Bolus) F.Bolus & L.Bolus (1)
Celastrus maritimus Bolus (1)
Gymnosporia apiculata Sim (1)
Mystroxydon maritimum (Bolus) Loes. (1)
Scytophyllum apiculatum Sond. (1)
Perennial. Shrub. Ht 0.5–2 m. Alt 10–200 m. WC, EC

SALACIA L. 4662000

(1) Verdoorn. 1958. *The Flowering Plants of Africa*: 32: t. 1270.
(2) Robson. 1966. *FZ* 2: 391–403.

alternifolia Hochst. = **S. kraussii**

gerrardii Harv. ex Sprague

Perennial. Climber. Ht 0.5–2 m. Alt 10–200 m. KZN, EC

kraussii (Harv.) Harv.

S. alternifolia Hochst. (2)
Perennial. Shrub or dwarf shrub. Ht 0.5–2 m. Alt 10–200 m. LIM, KZN

leptoclada Tul.

S. wardii I.Verd. (2)
Perennial. Shrub or liane. Ht 0.5–4 m. Alt 10–200 m. KZN

luebbertii Loes.

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 250–600 m. N, B

rehmannii Schinz.

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 250–1600 m. LIM, G, M, KZN

transvaalensis Burtt Davy = **Elaeodendron transvaalense**

wardii I.Verd. = **S. leptoclada**

zeyheri Planch. ex Harv. = **Elaeodendron zeyheri**

SCYTOPHYLLUM Eckl. & Zeyh. 4627010

angustifolium C.Presl ex Sond. = **Robsonodendron eucleiforme**

apiculatum Sond. = **Robsonodendron maritimum**

laurinum (Thunb.) Eckl. & Zeyh. = **Maytenus oleoides**

CELTIDACEAE

Compiled by M. Jordaan

CELTIS L. 1898000

(1) Verdoorn. 1956. *The Flowering Plants of Africa* 31: t. 1210.
(2) Polhill. 1964. *Kew Bulletin* 19: 139–145.
(3) Polhill. 1966. *FTEA* Ulmaceae: 3–10.
(4) Wilmot-Dear. 1991. *FZ* 9,6: 6–10.
(5) Wiegrefe *et al.* 1998. *Plant Systematics and Evolution* 210: 249–270.
(6) Wilmot-Dear. 1999. *Bothalia* 29: 243–247.

africana Burm.f.

C. kraussiana Bernh. (2)
Perennial. Tree or shrub. Ht 2–30 m. Alt 4–2160 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

durandii Engl. = **C. gomphophylla**

franksiae N.E.Br. = **C. mildbraedii**

gomphophylla Baker

C. durandii Engl. (4)
Perennial. Tree. Ht 3–30 m. Alt 2–800 m. KZN, EC

kraussiana Bernh. = **C. africana**

mildbraedii Engl.

C. franksiae N.E.Br. (2)
Perennial. Tree. Ht 3–40 m. Alt 10–610 m. S, KZN

rhamnifolia C.Presl, illegitimate name = **Rhamnus prionoides**

CHAETACME Planch. 1906000

(1) Polhill. 1966. *FTEA* Ulmaceae: 12–14.
(2) Wilmot-Dear. 1991. *FZ* 9,6: 1–3.
(3) Wilmot-Dear. 1999. *Bothalia* 29: 239–241.

aristata Planch.

Perennial. Tree or shrub. Ht 1–13 m. Alt 15–1420 m. B, LIM, NW, G, M, S, KZN, WC, EC

TREMA Lour. 1902000

(1) Polhill. 1966. *FTEA* Ulmaceae: 10–12.
(2) Wilmot-Dear. 1991. *FZ* 9,6: 3–6.
(3) Wilmot-Dear. 1999. *Bothalia* 29: 241–243.

guineensis (Schumach. & Thonn.) Ficalho = **T. orientalis**

orientalis (L.) Blume

T. guineensis (Schumach. & Thonn.) Ficalho (1)
Perennial. Tree or shrub. Ht 1.5–18 m. Alt 3–1980 m. N, LIM, NW, M, S, KZN, EC

CERATOPHYLLACEAE

Compiled by R.P. Glen & C.D.K. Cook

CERATOPHYLLUM L.

2516000

- (1) Wilmot-Dear. 1985. *Kew Bulletin* 40: 243–271.
- (2) Wilmot-Dear. 1985. *FTEA Ceratophyllaceae*: 1–5.
- (3) Les. 1986. *Systematic Botany* 11: 549–558.
- (4) Les. 1988. *Systematic Botany* 13: 73–86.
- (5) Les. 1989. *Systematic Botany* 14: 25–262.
- (6) Wilmot-Dear. 1991. *FZ* 9: 124–128.
- (7) Wilmot-Dear. 1997. *Bothalia* 27: 125–128.

demersum L. var. **demersum***C. demersum* L. var. *demersum* forma *demersum* (1)

Perennial. Hydrophyte: plankton. Ht depending on depth of water. Alt 1–1700 m. N, B, LIM, G, M, S, KZN, WC, EC

demersum L. var. *demersum* forma *demersum* = **C. demersum** L. var. **demersum****muricatum** Cham. subsp. **muricatum***C. submersum* L. subsp. *muricatum* (Cham.) Wilmot-Dear (2, 4, 6, 7)
C. submersum L. subsp. *muricatum* (Cham.) Wilmot-Dear var. *echinatum* (A.Gray) Wilmot-Dear (1, 2, 6, 7)

Perennial. Hydrophyte: plankton. Ht depending on depth of water. Alt ± 5 m. KZN, WC

submersum L. subsp. *muricatum* (Cham.) Wilmot-Dear = **C. muricatum** subsp. **muricatum***submersum* L. subsp. *muricatum* (Cham.) Wilmot-Dear var. *echinatum* (A.Gray) Wilmot-Dear = **C. muricatum** subsp. **muricatum****submersum** L. subsp. **submersum** var. **submersum**

Possibly in South Africa, material too poor for identification (7)

CHENOPODIACEAE

Compiled by M.C. Makgaka

ARTHROCNUM Moq.

2255000

affine Moss = **Sarcocornia natalensis** var. **natalensis***africanum* Moss = **Sarcocornia natalensis** var. **natalensis***ambiguum* (Micheli) Moq. = **Sarcocornia perennis** var. **perennis***capense* Moss = **Sarcocornia capensis***decumbens* Tölken = **Sarcocornia decumbens***dunense* Moss = **Sarcocornia pillansii** var. **pillansii***hottentoticum* Moss = **Sarcocornia pillansii** var. **pillansii***indicum* (Willd.) Moq. = **Halosarcia indica***littoreum* Moss = **Sarcocornia littorea***mossianum* Tölken = **Sarcocornia mossiana***namaquense* Moss = **Sarcocornia pillansii** var. **pillansii***natalense* (Bunge ex Ung.-Sternb.) Moss var. *affine* (Moss) Tölken = **Sarcocornia natalensis** var. **affinis***natalense* (Bunge ex Ung.-Sternb.) Moss var. *natalense* = **Sarcocornia natalensis** var. **natalensis***perenne* (Mill.) Moss ex Fourc. = **Sarcocornia perennis** var. **perennis***perenne* (Mill.) Moss ex Fourc. var. *lignosum* (Woods) Moss = **Sarcocornia perennis** var. **lignosa***pillansii* Moss var. *dunense* (Moss) Tölken = **Sarcocornia pillansii** var. **dunensis***pillansii* Moss var. *pillansii* = **Sarcocornia pillansii** var. **pillansii***terminale* Tölken = **Sarcocornia terminalis***variiflorum* Moss = **Sarcocornia perennis** var. **perennis***xerophilum* Tölken = **Sarcocornia xerophila**

ATRIPLEX L.

2229000

(1) Hall & Clements. 1923. *Phylogenetic method*: 247, 248.(2) Aellen. 1940. *Botanische Jahrbücher* 70: 383–401.(3) Aellen. 1949. *Candollea* 12: 153–155.(4) Brückner & Verdoorn. 1957. *Bothalia* 6: 416–421.(5) Wilson. 1984. *Flora of Australia* 4: 84–132.(6) Brenan. 1988. *FZ* 9,1: 144–147.*albicans* Aiton = **Manochlamys albicans****amboensis** Schinz

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt? N

campanulata Benth. = **A. eardleyae****cinerea** Poir. subsp. **bolusii** (C.H. Wright) Aellen var. **adamsonii** Aellen

Perennial. Shrub. Ht 1–5 m. Alt 600–1100 m. N, WC, EC

cinerea Poir. subsp. **bolusii** (C.H. Wright) Aellen var. **genuina** Aellen

Perennial. Dwarf shrub. Ht 0.3–1 m. Alt ± 1500 m. FS, L, NC, WC

***eardleyae** Aellen*A. campanulata* Benth. (3)

Annual. Dwarf shrub. Ht 0.1–0.5 m. Alt 145–1000 m. NC, WC

erosa G.Brückn. & I.Verd.*A. laciniata* L. (2)*A. rosea* C.H. Wright (4)*A. tatarica* Aellen (4)

Annual. Dwarf shrub. Ht 0.6–0.8 m. Alt 427–1420 m. FS, EC

farinosa Moq. = **A. patula** subsp. **verreauxii***glaucula* C.H. Wright = **A. vestita** var. **appendiculata***halimoides* Lindl. = **A. lindleyi** subsp. **inflata***halimus* C.H. Wright = **A. vestita** var. **appendiculata****hortensis** L.

Annual. Herb. Ht 1–2.5 m. Alt? NC

inflata F.Muell. = **A. lindleyi** subsp. **inflata**

laciniata L. = **A. erosa**

lindleyi Moq. subsp. **inflata** (F.Muell.) Paul G. Wilson

A. halimoides Lindl. (5)

A. inflata F.Muell. (5)

Blackiella inflata (F.Muell.) Aellen (5)

Annual. Herb. Ht 0.13–0.5 m. Alt 1–1350 m. N, G, FS, NC, WC, EC

***lindleyi** Moq. subsp. **quadripartita** Paul G. Wilson

Annual. Herb. Ht ± 0.3 m. Alt? NC, WC

littoralis C.H.Wright = **A. patula** subsp. **verreauxii**

littoralis L.

Annual. Dwarf shrub. Ht 0.1–0.75 m. Alt 30–885 m. KZN, WC, EC

microphylla Willd. = **Exomis microphylla** var. **microphylla**

***muelleri** Benth.

Annual, occ. perennial. Dwarf shrub. Ht 0.3–1 m. Alt 106–1300 m. FS, NC, WC, EC

nitens Schkuhr

Annual. Dwarf shrub. Ht 0.4–2 m. Alt? FS

***nummularia** Lindl. subsp. **nummularia**

Perennial. Shrub. Ht 1–3 m. Alt 20–1350 m. LIM, NW, G, FS, NC, WC, EC

patula L. subsp. **austro-africana** Aellen

A. patula L. var. *angustifolia* Bolus & Wolley-Dod (2)

Annual. Dwarf shrub. Ht 0.3–0.45 m. Alt 5–90 m. KZN, WC

patula L. subsp. **verreauxii** Aellen

A. farinosa Moq. (2)

A. littoralis C.H.Wright (2)

A. verreauxii Moq. (2)

Annual. Dwarf shrub. Ht ± 0.3 m. Alt? KZN

patula L. var. *angustifolia* Bolus & Wolley-Dod = **A. patula** subsp. **austro-africana**

portulacoides C.H.Wright = **A. vestita** var. **appendiculata**

rosea C.H.Wright = **A. erosa**

rosea L.

Annual. Herb. Ht 0.5–1 m. Alt? FS, NC, WC

sarcocarpus Dinter = **Manochlamys albicans**

semibaccata R.Br. var. **appendiculata** Aellen

Annual, occ. perennial. Dwarf shrub. Ht 0.07–0.6 m. Alt 3–1900 m. N, LIM, NW, G, FS, KZN, L, NC, WC, EC

semibaccata R.Br. var. **typica** Aellen

Annual, occ. perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 2–1524 m. N, NW, FS, NC, WC, EC

***spongiosa** F.Muell.

Annual. Dwarf shrub. Ht 0.1–0.3 m. Alt up to 1435 m. FS, NC

suberecta I. Verd.

Annual. Herb. Ht 0.07–0.7 m. Alt 260–1370 m. N, NW, G, FS, NC, WC, EC

tatarica Aellen = **A. erosa**

verreauxii Moq. = **A. patula** subsp. **verreauxii**

vestita (Thunb.) Aellen var. **appendiculata** Aellen

A. glauca C.H.Wright (2)

A. halimus C.H.Wright (2)

A. portulacoides C.H.Wright (2)

Perennial. Shrub. Ht 1–2 m. Alt 5–1435 m. N, NW, FS, NC, WC, EC

vestita (Thunb.) Aellen var. **inappendiculata** Aellen

Perennial. Shrub. Ht 1–2 m. Alt 20–1300 m. FS, NC, WC, EC

BASSIA All. 2239010

(1) Botschantzev. 1973. *Botanicheskii Zhurnal* 58: 1462, 1463.

(2) Scott. 1978. *Feddes Repertorium* 89: 106–110.

diffusa (Thunb.) Kuntze

Chenolea diffusa Thunb. (2)

Chenopodium sericeum (Aiton) Spreng. (2)

Echinopsilon diffusum (Hornst.) Moq. (2)

Echinopsilon sericeum (Aiton) Moq. (2)

Kochia sericea (Aiton) Schrad. (2)

Salsola diffusa (Hornst.) Thunb. (2)

Salsola sericea Aiton (2)

Perennial. Herb. Ht 0.06–0.3 m. Alt 1–1220 m. N, KZN, NC, WC, EC

dinteri (Botsch.) A.J.Scott

Chenolea dinteri Botsch. (2)

Chenoleoides dinteri (Botsch.) Botsch. (2)

Perennial. Dwarf shrub. Ht 0.25–0.3 m. Alt ± 140 m. N, NC

indica (Wight) A.J.Scott

Kochia indica Wight (2)

Annual. Herb. Ht ± 0.25 m. Alt ± 1340 m. FS

salsoloides (Fenzl) A.J.Scott

Kochia pubescens Moq. (2)

Kochia pubescens Moq. var. *cinerascens* Moq. (2)

Kochia salsoloides Fenzl (2)

Annual. Dwarf shrub. Ht 0.38–1.06 m. Alt 20–1220 m. N, FS, NC, WC, EC

***BETA** L. 2221000

(1) Linnaeus. 1753. *Species plantarum* 1,1: 222.

(2) Ball. 1964. *Flora europaea* 1: 91, 92.

vulgaris L. subsp. **vulgaris**

Annual, occ. perennial. Herb. Ht 0.2–2 m. Alt ± 1130 m. WC, EC

BLACKIELLA Aellen 2229010

inflata (F.Muell.) Aellen = **Atriplex lindleyi** subsp. **inflata**

CAROXYLON Thunb. 2269010

brevifolium St.-Lag. = **Salsola aphylla**

divaricatum Moq. = **Salsola capensis**

salsola Thunb. = **Salsola aphylla**

tuberculatum Moq. = **Salsola tuberculata**

tuberculatum Moq. *β. flavo-virens* Moq. = **Salsola gemmifera**

zeyheri Moq. in part = **Salsola contrariifolia**

zeyheri Moq. in part = **Salsola zeyheri**

CHENOLEA Thunb. 2238000

diffusa Thunb. = **Bassia diffusa**

dinteri Botsch. = **Bassia dinteri**

CHENOLEOIDES (Ulbr.) Botsch. 2238010

dinteri (Botsch.) Botsch. = **Bassia dinteri**

CHENOPODIUM L. 2223000

- (1) Wright. 1912. *FC* 5,1: 435–440.
 (2) Aellen. 1928. *Feddes Repertorium* 24: 214.
 (3) Aellen. 1932–1933. *Verhandlungen der Naturforschenden Gesellschaft in Basel* 44,1: 308–312.
 (4) Brenan. 1954. *FTEA* Chenopodiaceae: 2–14.
 (5) Aellen. 1967. *FSWA* 32: 7–11.
 (6) Hegi. 1979. *Illustrierte Flora von Mittel Europa* 3,2: 569–660.
 (7) Brenan. 1988. *FZ* 9,1: 136–144.

***album L.**

Annual. Herb. Ht 0.1–1 m. Alt 2–2575 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

album of author, not of L.; Schinz in part = **C. hederiforme** var. **dentatum**

album of author, not of L.; Schinz in part = **C. olukondae**

amboanum (Murr) Aellen

C. opulifolium Schrad. ex W.D.J.Koch & Ziz subsp. *amboanum* Murr (5)

Annual. Herb. Ht 0.4–1 m. Alt? N

***ambrosioides L.**

Annual. Herb. Ht 0.25–1 m. Alt 5–2350 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

blitum F.Muell. = **C. foliosum**

***×bontei** Aellen

C. carinatum R.Br. × *C. cristatum* F.Muell. (3)

Annual. Herb. Ht ± 0.6 m. Alt ± 460 m. N, EC

***botryodes Sm.**

C. rubrum L. (2)

Annual. Herb, succulent. Ht 0.03–0.3 m. Alt ± 530 m. NC, WC

botrys of author, not of L.; Schinz = **C. schraderianum**

***carinatum** R.Br.

Annual. Herb. Ht 0.2–0.8 m. Alt 190–1900 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

carinatum R.Br. × *C. cristatum* F.Muell. = **C. ×bontei**

***cristatum** F.Muell.

Annual. Herb. Ht up to 0.6 m. Alt? LIM, NC

foetidum Schrad. = **C. schraderianum**

foetidum Schrad. subsp. *gracile* Aellen = **C. schraderianum**

foetidum Schrad. subsp. *pseudomultiflorum* Murr = **C. schraderianum**

foliosum Asch.

C. blitum F.Muell. (2)

C. virgatum Thunb. (2)

Annual. Herb. Ht 0.07–0.35 m. Alt ± 1920 m. M, NC, WC, EC

***giganteum** D.Don

Annual. Herb. Ht 1–3 m. Alt ± 1525 m. LIM, G, S, FS, NC, WC

***glaucum** L.

C. glaucum L. subsp. *marlothianum* (Murr) Thell. & Aellen (2)

Annual. Herb. Ht 0.1–0.25 m. Alt 915–1525 m. NW, G, M, FS, NC, EC

glaucum L. subsp. *marlothianum* (Murr) Thell. & Aellen = **C. glaucum**

hederiforme (Murr) Aellen var. **dentatum** Aellen

C. album of author, not of L.; Schinz in part (5)

C. opulifolium Schrad. ex W.D.J.Koch & Ziz subsp. *hederiforme* Murr (5)

C. opulifolium Schrad. ex W.D.J.Koch & Ziz subsp. *kalacharicum* Murr (5)

Annual. Herb. Ht 0.4–1.2 m. Alt 885–1160 m. N, B, NC

hederiforme (Murr) Aellen var. **undulatum** Aellen

Annual. Herb. Ht 0.15–0.3 m. Alt ± 1370 m. N, LIM, M, NC, EC

hircinum Schrad.

Annual. Herb. Ht ± 0.6 m. Alt? M

longidjawense Peter = **C. murale** var. **murale**

microphyllum Thunb. = **Exomis microphylla** var. **microphylla**

mucronatum Thunb.

C. vulvaria of author, not of L.; Range (5)

Annual. Herb. Ht 0.1–2 m. Alt 15–2561 m. N, B, G, S, FS, KZN, L, NC, WC, EC

mucronatum Thunb. subsp. *olukondae* Murr = **C. olukondae**

***multifidum** L.

Roubieva multifida (L.) Moq. (2)

Perennial. Herb. Ht 0.2–1 m. Alt 60–1900 m. NW, G, M, FS, KZN, L, WC, EC

murale L. var. *acutidentatum* Aellen = **C. murale** var. **murale**

***murale** L. var. **murale**

C. longidjawense Peter (4)

C. murale L. var. *acutidentatum* Aellen (2)

Annual. Herb. Ht 0.15–0.75 m. Alt 10–1900 m. N, B, LIM, G, M, S, FS, KZN, L, NC, WC, EC

olukondae (Murr) Murr

C. album of author, not of L.; Schinz in part (5)

C. mucronatum Thunb. subsp. *olukondae* Murr (5)

C. opulifolium Schrad. ex W.D.J.Koch & Ziz subsp. *oluhondae* Murr (5)

Annual. Herb. Ht 0.3–1.5 m. Alt 940–1350 m. N, B, KZN, NC

opulifolium Schrad. ex W.D.J.Koch & Ziz subsp. *amboanum* Murr = **C. amboanum**

opulifolium Schrad. ex W.D.J.Koch & Ziz subsp. *hederiforme* Murr = **C. hederiforme** var. **dentatum**

opulifolium Schrad. ex W.D.J.Koch & Ziz subsp. *kalacharicum* Murr = **C. hederiforme** var. **dentatum**

opulifolium Schrad. ex W.D.J.Koch & Ziz subsp. *oluhondae* Murr = **C. olukondae**

opulifolium Schrad. ex W.D.J.Koch & Ziz subsp. *petiolariforme* Aellen = **C. petiolariforme**

***opulifolium** Schrad. ex W.D.J.Koch & Ziz var. **opulifolium**

Annual. Herb. Ht 0.3–1 m. Alt ± 1400 m. B, S, KZN, NC, EC

petiolariforme (Aellen) Aellen

C. opulifolium Schrad. ex W.D.J.Koch & Ziz subsp. *petiolariforme* Aellen (5)

Annual. Herb. Ht ± 0.6 m. Alt ± 1370 m. N, LIM, NW, FS

phillipsianum Aellen

Annual. Herb. Ht 0.25–1.8 m. Alt 105–1735 m. LIM, NW, G, M, S, FS, KZN, NC, WC, EC

***polyspermum** L.

Annual. Herb. Ht up to 1 m. Alt 335–1280 m. M

***pumilio** R.Br.

Annual. Herb. Ht 0.06–0.35 m. Alt 100–1435 m. N, G, M, KZN, WC, EC

rubrum L. = **C. botryodes**

***schraderianum** Roem. & Schult.

C. botrys of author, not of L.; Schinz (5)

C. foetidum Schrad. (4)

C. foetidum Schrad. subsp. *gracile* Aellen (2)

C. foetidum Schrad. subsp. *pseudomultiflorum* Murr (2)

Annual. Herb. Ht 0.1–1.3 m. Alt 425–2335 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

sericeum (Aiton) Spreng. = **Bassia diffusa**

stellulatum (Benth.) Aellen

Annual. Herb. Ht ± 0.6 m. Alt? NC

virgatum Thunb. = **C. foliosum**

vulvaria of author, not of L.; Range = **C. mucronatum**

ECHINOPSIS Moq. 2239000

diffusum (Hornst.) Moq. = **Bassia diffusa**

sericeum (Aiton) Moq. = **Bassia diffusa**

***EINADIA** Raf. 2261010

(1) Wilson. 1984. *Flora of Australia* 4: 161–164.

nutans (R.Br.) A.J.Scott subsp. **nutans**

Rhagodia nutans R.Br. (1)

Perennial. Herb. Ht up to 0.8 m. Alt up to 600 m. NW, EC

EXOMIS Fenzl ex Moq. 2226000

(1) Aellen. 1940. *Botanische Jahrbücher* 70: 373–377.

atriplecoides Moq. = **Manochlamys albicans**

axyrioides C.H.Wright = **E. microphylla** var. **axyrioides**

axyrioides Drège = **E. microphylla** var. **axyrioides**

axyrioides Fenzl = **E. microphylla** var. **axyrioides**

microphylla (Thunb.) Aellen var. **axyrioides** (Fenzl) Aellen

E. axyrioides C.H.Wright (1)

E. axyrioides Drège (1)

E. axyrioides Fenzl (1)

Perennial. Shrub. Ht 0.2–0.9 m. Alt 5–1585 m. WC

microphylla (Thunb.) Aellen var. **microphylla**

Atriplex microphylla Willd. (1)

Chenopodium microphyllum Thunb. (1)

Perennial. Shrub. Ht 0.15–0.75 m. Alt 2–1385 m. N

oxyrioides of author, not of Fenzl, misapplied name = **Manochlamys albicans**

HALOPEPLIS Bunge ex Ung.-Sternb. 2249000

(1) Adamson . 1950. In Adamson & Salter, *Flora of the Cape Peninsula*: 359.

(2) Scott. 1977. *Botanical Journal of the Linnean Society* 75: 372.

(3) Bond & Goldblatt. 1984. *Journal of South African Botany* Suppl. vol. 13: 226.

amplexicaulis (Vahl) Bunge ex Ung.-Sternb.

Perennial. Herb. Ht 0.05–0.12 m. Alt? NW, NC

HALOSARCIA Peter G. Wilson 2255020

(1) Wilson. 1980. *Nuytsia* 3,1: 63–65.

(2) Brenan. 1988. *FZ* 9,1: 147–149.

indica (Willd.) Paul G. Wilson

Arthrocnemum indicum (Willd.) Moq. (2)

Salicornia indica (Willd.) Moq. (2)

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt? KZN

KOCHIA Roth 2240000

(1) Botschantzev. 1973. *Botanicheskii Zhurnal* 58: 1462, 1463.

ciliata F.Muell.

Perennial. Dwarf shrub. Ht ± 0.3 m. Alt? WC

indica Wight = **Bassia indica**

pubescens Moq. = **Bassia salsoloides**

pubescens Moq. var. *cinerascens* Moq. = **Bassia salsoloides**

salsoloides Fenzl = **Bassia salsoloides**

sericea (Aiton) Schrad. = **Bassia diffusa**

***tomentosa** (Moq.) F.Muell. var. **tenuifolia** F.Muell.

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt? NC

tricophylla Stapf

Perennial. Dwarf shrub. Ht up to 0.76 m. Alt ± 1405 m. FS, EC

MANOCHLAMYS Aellen 2229020

(1) Aellen. 1967. *FSWA* 32:12.

(2) Bond & Goldblatt. 1984. *Journal of South African Botany* Suppl. Vol. 13: 226.

albicans (Aiton) Aellen

Atriplex albicans Aiton (1)

Atriplex sarcocarpus Dinter (1)

Exomis atriplecoides Moq. (1)

Exomis oxyrioides of author, not of Fenzl, misapplied name (1)

Perennial. Shrub. Ht 0.25–0.8 m. Alt 5–1000 m. N, NC, WC, EC

RHAGODIA R.Br. 2222000

nutans R.Br. = **Einadia nutans** subsp. **nutans**

ROUBIEVA Moq. 2223010

multifida (L.) Moq. = **Chenopodium multifidum**

SALICORNIA L. 2257000

(1) Tölken. 1967. *Bothalia* 9: 296–300.

(2) Brenan. 1988. *FZ* 9,1: 153, 154.

ambigua Micheli = **Sarcocornia perennis** var. **perennis**

indica (Willd.) Moq. = **Halosarcia indica**

meyeriana Moss

Annual. Dwarf shrub. Ht 0.25–0.4 m. Alt 1–60 m. NC, WC, EC

natalensis Bunge ex Ung.-Sternb. = **Sarcocornia natalensis** var. **natalensis**

pachystachya Bunge ex Ung.-Sternb.

Annual. Dwarf shrub. Ht 0.1–0.4 m. Alt 1–25 m. KZN

perennis Mill. = **Sarcocornia perennis** var. **perennis**

perrieri A.Chev.

Annual. Herb. Ht 0.1–0.25 m. Alt ± 1 m. KZN

radicans Sm. = **Sarcocornia perennis** var. **perennis**

uniflora Tölken

Annual. Herb. Ht 0.1–0.2 m. Alt? WC

SALSOLA L. 2269000

(1) Botschantzev. 1974. *Kew Bulletin* 29,3: 597–614.

(2) Botschantzev. 1978. *Botanicheskii Zhurnal* 63,6: 832–834.

(3) Botschantzev. 1981. *Botanicheskii Zhurnal* 66: 1036–1040.

(4) Botschantzev. 1983. *Botanicheskii Zhurnal* 68: 1247–1249.

(5) Wilson. 1984. *Flora of Australia* 4: 313–317.

acoeksii Botsch.

Perennial. Dwarf shrub. Ht 0.2–0.25 m. Alt? N

adisca Botsch.

Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt? FS

adversariifolia Botsch.

Perennial. Dwarf shrub. Ht ± 0.3 m. Alt? NC

aellenii Botsch.

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt? FS, WC

albida Botsch.

Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt? N, NC, WC

albisepala Aellen

Perennial. Shrub. Ht 1.5–3 m. Alt? N

angolensis Botsch.

S. flexuosa C.A.Sm. ex Ulbr. in part (1)

S. nollothensis in sense of Aellen in part (1)

Perennial. Shrub. Ht 0.9–1.5 m. Alt? NC, WC

aphylla L.f.

Caroxylon brevifolium St.-Lag. (1)

Caroxylon salsola Thunb. (1)

S. aphylla L.f. var. *canescens* Fenzl ex Drège (1)

S. caffra Sparrm. (1)

S. caroxylon Moq. (1)

Perennial. Shrub. Ht 1–3 m. Alt 60–1405 m. N, B, LIM, FS, NC, WC, EC

aphylla L.f. var. *canescens* Fenzl ex Drège = **S. aphylla**

aphylla L.f. var. *virescens* Fenzl ex Drège = **S. rabieana**

apiciflora Botsch.

S. tuberculata (Moq.) Fenzl var. *albida* Fenzl ex Drège in part (1)

Perennial. Dwarf shrub. Ht 0.1–0.15 m. Alt? NC

apterygea Botsch.

Perennial. Shrub. Ht 0.9–1.5 m. Alt? NC, WC

araneosa Botsch.

S. candida Fenzl ex Drège (1)

Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt? N, KZN, NC

arborea C.A.Sm. ex Aellen

Perennial. Shrub. Ht 1.5–3.5 m. Alt? N, NC

armata C.A.Sm. ex Aellen

S. engleri Ulbr. (1)

S. minutiflora C.A.Sm. ex Ulbr. (1)

Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt? N

aroabica Botsch.

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt? N

atrata Botsch.

S. globulifera Fenzl (1)

Perennial. Dwarf shrub. Ht 0.2–0.35 m. Alt? NW, NC

auriculata C.A.Sm. ex Ulbr. = **S. namibica**

australis R.Br. = **S. kali**

barbata Aellen

Perennial. Shrub. Ht 0.7–1 m. Alt? N, NC

bullata Fenzl ex Drège = **S. luederitzensis**

caffra Sparrm. = **S. aphylla**

calluna Fenzl ex C.H.Wright

S. nigrescens I.Verd. (1)

Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt ± 1130 m. NC, WC

campyloptera Botsch.

Perennial. Dwarf shrub. Ht 0.35–0.5 m. Alt? N

candida Fenzl ex Drège = **S. araneosa**

capensis Botsch.

Caroxylon divaricatum Moq. (1)

S. divaricata (Moq.) Moq. (1)

S. tuberculata (Moq.) Fenzl var. *albida* Fenzl ex Drège in part (1)

Perennial. Dwarf shrub. Ht up to 0.1 m. Alt? NC

caroxylon Moq. = **S. aphylla**

cauliflora Botsch.

Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt? N

ceresica Botsch.

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt? NC

columnaris Botsch.

Perennial. Dwarf shrub. Ht 0.2–0.35 m. Alt? N

contrariifolia Botsch.

Caroxylon zeyheri Moq. in part (1)

Perennial. Dwarf shrub. Ht 0.2–0.7 m. Alt? N, NC

cryptoptera Aellen

Perennial. Shrub. Ht up to 1 m. Alt? N, NC

dealata Botsch.

Perennial. Dwarf shrub. Ht 0.5–0.6 m. Alt ± 1370 m. WC

decussata C.A.Sm. ex Botsch.

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt? NC, WC

denudata Botsch.

Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt? N

diffusa (Hornst.) Thunb. = **Bassia diffusa**

dinteri Botsch.

S. subsericea C.A.Sm. ex Ulbr. (1)

Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt? N

divaricata (Moq.) Moq. = **S. capensis**

dolichostigma Botsch.

Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt? N

engleri Ulbr. = **S. armata**

eriosepala C.A.Sm. ex Ulbr. = **S. scopiformis**

esterhuyseniae Botsch.

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt? NC

etoshensis Botsch.

Perennial. Dwarf shrub. Ht 0.3–0.45 m. Alt? N

exalata Botsch.

Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? FS, NC

flexuosa C.A.Sm. ex Ulbr. in part = **S. angolensis**

flexuosa C.A.Sm. ex Ulbr. in part = **S. luederitzensis**

flexuosa C.A.Sm. ex Ulbr. in part = **S. nollothensis**

flexuosa C.A.Sm. ex Ulbr. in part = **S. pillansii**

garubica Botsch.

Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt? N

geminiflora Fenzl ex C.H.Wright

Perennial. Dwarf shrub. Ht ± 0.6 m. Alt? FS, NC, EC

gemma Botsch.

Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt? N

gemmaifera Botsch.

Caroxylon tuberculatum Moq. *β flavo-virens* Moq. (1)

S. tuberculata in sense of Aellen, misapplied name (1)

S. tuberculata (Moq.) Fenzl var. *flavo-virens* Fenzl ex Drège (1)

S. vermiformis C.A.Sm. ex Ulbr. (1)

Perennial. Dwarf shrub. Ht 0.25–0.45 m. Alt? FS, NC, EC

gemmaipara Botsch.

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt? N, NC

giessii Botsch.

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt? N

glabra Botsch.

Perennial. Dwarf shrub. Ht 0.45–0.6 m. Alt? N

glabrescens Burttt Davy

Perennial. Shrub, dwarf shrub. Ht 0.2–1.5 m. Alt? N, FS, NC, WC

glabrescens in sense of Aellen, not of Burttt Davy, misapplied name = **S. rabicana**

globulifera Fenzl = **S. atrata**

henriciae I. Verd.

Perennial. Dwarf shrub. Ht ± 1 m. Alt? FS, NC

hoanibica Botsch.

Perennial. Shrub. Ht 1.5–2 m. Alt? N

hottentottica Botsch.

Perennial. Shrub. Ht 1–1.5 m. Alt? N

huabica Botsch.

Perennial. Shrub. Ht 1.5–2.5 m. Alt? N

humifusa A.Brückn.

Perennial. Dwarf shrub. Ht ± 0.3 m. Alt? NW, FS, NC

inaperta Botsch.

Perennial. Dwarf shrub. Ht 0.2–0.45 m. Alt? N, NC

kalaharica Botsch.

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt ± 1100 m. FS, NC, WC

kali L.

S. australis R.Br. (5)

S. kali L. subsp. *austroafricana* Aellen (5)

S. ruthenica (Iljin) Soó (5)

Annual. Herb. Ht 0.4–0.6 m. Alt? N, NW, G, M, NC, WC, EC

kali L. subsp. *austroafricana* Aellen = **S. kali**

kleinfonteini Botsch.

Perennial. Shrub. Ht 0.8–1.2 m. Alt? N

koichabica Botsch.

Perennial. Shrub. Ht 0.9–1.5 m. Alt ± 800 m. N, NC

luederitzensis Botsch.

S. bullata Fenzl ex Drège (1)

S. flexuosa C.A.Sm. ex Ulbr. in part (1)

S. nollothensis in sense of Aellen in part (1)

Perennial. Dwarf shrub. Ht 0.6–0.9 m. Alt? N

marginata Botsch.

Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt? N

melanantha Botsch.

Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt? NC

merxmuelleri Aellen

Perennial. Shrub. Ht 2–2.5 m. Alt? N, NC, WC

microtricha Botsch.

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt? NC

minutiflora C.A.Sm. ex Ulbr. = **S. armata**

minutifolia Botsch.

Perennial. Dwarf shrub. Ht 0.2–0.25 m. Alt? WC

mirabilis Botsch.

Perennial. Dwarf shrub. Ht ± 0.3 m. Alt? N

namaqualandica Botsch.

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt? NC

namibica Botsch.

S. auriculata C.A.Sm. ex Ulbr. (1)

S. zeyheri in sense of Aellen, misapplied name (1)

Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt? N

nigrescens I. Verd. = **S. calluna**

nollothensis Aellen

S. flexuosa C.A.Sm. ex Ulbr. in part (1)

Perennial. Shrub. Ht 1–2 m. Alt? N, NC

nollothensis in sense of Aellen in Merxm. in part, not of Aellen (1961) in part, misapplied name = **S. pillansii**

nollothensis in sense of Aellen in part = **S. angolensis**

nollothensis in sense of Aellen in part = **S. luederitzensis**

okaukuejensis Botsch.

Perennial. Dwarf shrub. Ht 0.6–0.8 m. Alt? N

omaruruensis Botsch.

Perennial. Dwarf shrub. Ht ± 0.3 m. Alt? N

parviflora Botsch.

Perennial. Dwarf shrub. Ht 0.35–0.5 m. Alt? N

patentipilosa Botsch.

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt? NW, FS

pearsonii Botsch.

Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? N

phillipsii Botsch.

Perennial. Dwarf shrub. Ht up to 0.25 m. Alt ± 990 m. N

pillansii Botsch.

S. flexuosa C.A.Sm. ex Ulbr. in part (1)

S. nollothensis in sense of Aellen in Merxm. in part, not of Aellen (1961) in part, misapplied name (1)

Perennial. Shrub. Ht 1–2 m. Alt? N

procera Botsch.

Perennial. Shrub. Ht 1.5–3 m. Alt? N, NC

ptiloptera Botsch.

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt? N, NC

rabicana I. Verd.

S. aphylla L.f. var. *virescens* Fenzl ex Drège (1)

S. glabrescens in sense of Aellen, not of Burttt Davy, misapplied name (1)

Perennial. Shrub, dwarf shrub. Ht 0.5–1.2 m. Alt ± 945 m. N, LIM, NW, G, FS, NC, WC

robinsonii Botsch.

Perennial. Dwarf shrub. Ht ± 0.6 m. Alt? N, NC

ruschii Aellen

Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt? N

ruthenica (Iljin) Soó = **S. kali**

schreiberae Botsch.

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt? N

scopiformis Botsch.

S. eriosepala C.A.Sm. ex Ulbr. (1)

Perennial. Shrub. Ht 1.5–2 m. Alt? N

seminuda Botsch.

Perennial. Dwarf shrub. Ht 0.6–1 m. Alt? N

sericata Botsch.

Perennial. Dwarf shrub. Ht 0.5–0.75 m. Alt? N, NC

sericea Aiton = **Bassia diffusa**

seydelii Botsch.

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt? N

smithii Botsch.

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt? FS, NC

spenceri Botsch.

Perennial. Dwarf shrub. Ht ± 0.3 m. Alt? N

squarrosula Botsch.

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt? N, NC

subsericea C.A.Sm. ex Ulbr. = **S. dinteri**

swakopmundi Botsch.

Perennial. Dwarf shrub. Ht 0.2–0.25 m. Alt? N

tetramera Botsch.

Perennial. Dwarf shrub. Ht up to 0.2 m. Alt? NC, WC
tuberculata in sense of Aellen, misapplied name = **S.**

gemmifera

tuberculata (Moq.) Fenzl

Caroxylon tuberculatum Moq. (1)

Perennial. Dwarf shrub. Ht 0.06–0.2 m. Alt 185–2440 m. B

tuberculata (Moq.) Fenzl var. *albida* Fenzl ex Drège in part = **S. apiciflora**

tuberculata (Moq.) Fenzl var. *albida* Fenzl ex Drège in part = **S. capensis**

tuberculata (Moq.) Fenzl var. *flavo-virens* Fenzl ex Drège = **S. gemmifera**

tuberculata (Moq.) Fenzl var. *tomentosa* Aellen = **S. tuberculatiformis**

tuberculatiformis Botsch.

S. tuberculata (Moq.) Fenzl var. *tomentosa* Aellen (1)

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt? NC

ugabica Botsch.

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt? N

unjabica Botsch.

Perennial. Shrub. Ht 1–1.8 m. Alt? N

verdoorniae Tölken

Perennial. Dwarf shrub. Ht up to 0.25 m. Alt? WC

vermiformis C.A.Sm. ex Ulbr. = **S. gemmifera**

warmbadica Botsch.

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt? N

zeyheri (Moq.) Bunge

Caroxylon zeyheri Moq. in part (1)

Perennial. Dwarf shrub. Ht 0.45–0.6 m. Alt? N, NC, WC

zeyheri in sense of Aellen, misapplied name = **S. namibica**

SARCOCORNIA A.J.Scott 2255010

(1) Scott. 1977. *Botanical Journal of the Linnean Society* 75: 366–369.

(2) Brenan. 1988. *FZ* 9,1: 149–153.

(3) O'Callaghan & Oliver. 1992. *South African Journal of Botany* 58,6: 540.

capensis (Moss) A.J.Scott

Arthrocnemum capense Moss (1)

Perennial. Dwarf shrub. Ht 0.05–0.25 m. Alt up to 60 m. WC, EC

decumbens (Tölken) A.J.Scott

Arthrocnemum decumbens Tölken (1)

Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 2–27 m. WC, EC

littorea (Moss) A.J.Scott

Arthrocnemum littoreum Moss (1)

Perennial. Shrub. Ht 0.5–1 m. Alt 1–30 m. WC, EC

mossiana (Tölken) A.J.Scott

Arthrocnemum mossianum Tölken (1)

Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt up to 60 m. WC

natalensis (Bunge ex Ung.-Sternb.) A.J.Scott var. **affinis** (Moss) O'Callaghan

Arthrocnemum natalense (Bunge ex Ung.-Sternb.) Moss var. *affine* (Moss) Tölken (3)

Perennial. Dwarf shrub. Ht ± 0.25 m. Alt? N, NC, WC

natalensis (Bunge ex Ung.-Sternb.) A.J.Scott var. **natalensis**

Arthrocnemum affine Moss (1)

Arthrocnemum africanum Moss (1)

Arthrocnemum natalense (Bunge ex Ung.-Sternb.) Moss var. *natalense* (1)

Salicornia natalensis Bunge ex Ung.-Sternb. (1)

Perennial. Dwarf shrub. Ht 0.05–0.3 m. Alt 1–1525 m. N, KZN, NC, WC, EC

perennis (Mill.) A.J.Scott var. **lignosa** (Woods) O'Callaghan

Arthrocnemum perenne (Mill.) Moss ex Fourc. var. *lignosum* (Woods) Moss (3)

Perennial. Dwarf shrub. Ht ± 0.3 m. Alt? N, NC, WC, EC

perennis (Mill.) A.J.Scott var. **perennis**

Arthrocnemum ambiguum (Micheli) Moq. (1)

Arthrocnemum perenne (Mill.) Moss ex Fourc. (1)

Arthrocnemum variiflorum Moss (1)

Salicornia ambigua Micheli (1)

Salicornia perennis Mill. (1)

Salicornia radicans Sm. (1)

Perennial. Dwarf shrub. Ht 0.1–0.25 m. Alt 1–55 m. N, KZN, NC, WC, EC

pillansii (Moss) A.J.Scott var. **dunensis** (Moss) O'Callaghan

Arthrocnemum pillansii Moss var. *dunense* (Moss) Tölken (3)

Perennial. Dwarf shrub. Ht ± 0.3 m. Alt? N

pillansii (Moss) A.J.Scott var. **pillansii**

Arthrocnemum dunense Moss (1)

Arthrocnemum hottentoticum Moss (1)

Arthrocnemum namaquense Moss (1)

Arthrocnemum pillansii Moss var. *pillansii* (1)

Perennial. Dwarf shrub. Ht 0.15–0.7 m. Alt 5–120 m. N, NC, WC, EC

terminalis (Tölken) A.J.Scott

Arthrocnemum terminale Tölken (1)

Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt? WC

xerophila (Tölken) A.J.Scott

Arthrocnemum xerophilum Tölken (1)

Perennial. Shrub. Ht 0.5–1 m. Alt ± 260 m. NC, WC

SUAEDA Forssk. ex J.F.Gmel. 2261000

(1) Aellen. 1967. *FSWA* 32: 20–22.

(2) Brenan. 1988. *FZ* 9,1: 154–159.

articulata Aellen

Perennial. Dwarf shrub. Ht 0.3–0.75 m. Alt? N, B

caespitosa Wolley-Dod

Annual, occ. perennial. Herb, succulent. Ht 0.05–0.25 m. Alt 5–2350 m. NC, WC, EC

fruticosa (L.) Forssk.

Perennial. Dwarf shrub. Ht 0.6–0.9 m. Alt 10–1405 m. N, B, FS, NC, WC, EC

fruticosa of author, not of (L.) Forssk., misapplied name = **S. plumosa**

inflata Aellen

S. maritima Dumort. (1)

Annual, occ. perennial. Herb, succulent. Ht 0.02–0.06 m. Alt 900–1524 m. N, NC

maritima Dumort. = **S. inflata**

merxmulleri Aellen

Perennial. Dwarf shrub, succulent. Ht 0.4–0.7 m. Alt?
N, NC
plumosa Aellen

S. fruticosa of author, not of (L.) Forssk., misapplied name (1)
Perennial. Dwarf shrub, succulent. Ht 0.3–0.6 m. Alt
400–1035 m. N, B

CHRYSOBALANACEAE

Compiled by M. Jordaan

PARINARI Aubl.

3405000

- (1) Graham. 1960. *FTEA* Rosaceae: 48–53.
- (2) White. 1976. *Bulletin du Jardin Botanique National de Belgique* 46: 310–350.
- (3) White. 1978. *FZ* 4: 36–41.

capensis Harv. subsp. **capensis**

- P. capensis* Harv. subsp. *latifolia* (Oliv.) R.A.Graham (2)
P. capensis Harv. var. *latifolia* Oliv. (2)
P. curatellifolia Planch. ex Benth. var. *fruticulosa* R.E.Fr. (2)
P. latifolia (Oliv.) Exell (2)
P. pumila Mildbr. (2)

Perennial, occ. annual. Dwarf shrub. Ht 0.05–0.3 m.
Alt 900–1200 m. N, B, LIM, NW, G, M, S, KZN

capensis Harv. subsp. **incohata** F.White

- P. capensis* Harv. subsp. *latifolia* in sense of R.A.Graham, misapplied name (2)
P. curatellifolia in sense of J.H.Ross (2)

Perennial, occ. annual. Dwarf shrub. Ht 0.25–2.5 m.
Alt 0–100 m. KZN

capensis Harv. subsp. *latifolia* in sense of R.A.Graham, misapplied name = **P. capensis** subsp. **incohata**

capensis Harv. subsp. *latifolia* (Oliv.) R.A.Graham = **P. capensis** subsp. **capensis**

capensis Harv. var. *latifolia* Oliv. = **P. capensis** subsp. **capensis**

chapelieri Baill. = **P. curatellifolia**

curatellifolia Planch. ex Benth.

- P. chapelieri* Baill. (2)
P. curatellifolia Planch. ex Benth. subsp. *mobola* (Oliv.) R.A.Graham (2)
P. gardineri Hemsl. (2)
P. mobola Oliv. (2)

Perennial. Tree. Ht 3–20 m. Alt 500–1500 m. N, B, LIM, M, S

curatellifolia in sense of J.H.Ross = **P. capensis** subsp. **incohata**

curatellifolia Planch. ex Benth. subsp. *mobola* (Oliv.) R.A.Graham = **P. curatellifolia**

curatellifolia Planch. ex Benth. var. *fruticulosa* R.E.Fr. = **P. capensis** subsp. **capensis**

gardineri Hemsl. = **P. curatellifolia**

latifolia (Oliv.) Exell = **P. capensis** subsp. **capensis**

mobola Oliv. = **P. curatellifolia**

pumila Mildbr. = **P. capensis** subsp. **capensis**

CLUSIACEAE

Compiled by C.L. Bredenkamp

GARCINIA L.

5199000

- (1) Robson. 1961. *FZ* 1: 396–404.
- (2) Killick & Robson. 1976. *FSA* 22: 20–23.
- (3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 170, 171.
- (4) Van Wyk & Van Wyk. 1997. *Field guide to trees of southern Africa*: 316, 360.

angolensis Vesque = **G. livingstonei**

gerrardii Harv. ex Sim

G. transvaalensis Burt Davy (2)

Perennial. Tree, shrub, Ht 2.43–13 m. Alt 305–1850 m. M, S, KZN, EC

livingstonei T.Anderson

- G. angolensis* Vesque (2)
Perennial. Tree. Ht 0.55–12.24 m. Alt 30–945 m. N, B, LIM, M, S, KZN

transvaalensis Burt Davy = **G. gerrardii**

COMBRETACEAE

Compiled by M. Jordaan

COMBRETUM Loefl.

5538000

- (1) Verdoorn. 1945. *The Flowering Plants of Africa* 25: t. 978.
- (2) Codd. 1956. *The Flowering Plants of Africa* 31: t. 1230.
- (3) Exell. 1960. *Kirkia* 7,1: 162–223.
- (4) Exell. 1961. *Mitteilungen der Botanischen Staatssammlung München* 4: 3–7.
- (5) Exell. 1968. *Boletim da Sociedade Broteriana* 42: 15–28.
- (6) Wickens. 1973. *FTEA* Combretaceae: 2–66.

- (7) Exell. 1978. *FZ* 4: 101–160.
- (8) Van Wyk. 1984. *South African Journal of Botany* 3: 125–134.
- (9) Retief. 1986. *Bothalia* 16: 44, 45.
- (10) Vollesen. 1986. *Kew Bulletin* 41: 962.
- (11) Carr & Retief. 1989. *Bothalia* 19: 38–40.
- (12) Hennessy. 1991. *The Flowering Plants of Africa* 51: t. 2027.
- (13) Hennessy. 1991. *The Flowering Plants of Africa* 51: t. 2028.

acutifolium Exell = misidentified name for *FSA* plants

adenogonium Steud. ex A.Rich.*C. fragrans* F.Hoffm. (10)

Perennial. Tree or shrub. Ht 4–12 m. Alt? B

albopunctatum Suss.

Perennial. Shrub, tree or climber. Ht up to 5 m. Alt 30–995 m. N, B

apiculatum Sond. subsp. **apiculatum**

Perennial. Tree or shrub. Ht 4–10 m. Alt 30–1830 m. N, B, LIM, NW, G, M, S, KZN

apiculatum Sond. subsp. **leutweinii** (Schinz) Exell

Perennial. Tree or shrub. Ht 4–10 m. Alt 900–1980 m. N, B

baumii Engl. & Gilg = **C. platypetalum** subsp. **baumii****bracteosum** (Hochst.) Brandis*Poivrea bracteosa* Hochst. (4)

Perennial. Climber, tree or shrub. Ht 1–8 m. Alt 5–1220 m. KZN, EC

caffrum (Eckl. & Zeyh.) Kuntze*C. salicifolium* E.Mey. ex Hook. (5)

Perennial. Tree. Ht 1–9 m. Alt 15–762 m. EC

celastroides Welw. ex M.A.Lawson subsp. **celastroides**

Perennial. Shrub. Ht 1–12 m. Alt 30–1150 m. N, B

celastroides Welw. ex M.A.Lawson subsp. **orientale** Exell

Perennial. Shrub or climber. Ht 2–5 m. Alt 50–120 m. LIM, KZN

collinum Fresen. subsp. **gazense** (Swynn. & Baker f.) Okafor*C. gazense* Swynn. & Baker f. (7)*C. mechowianum* O.Hoffm. (7)

Perennial. Tree. Ht 1–14 m. Alt 0–600 m. N, B, LIM, M

collinum Fresen. subsp. **ondongense** (Engl. & Diels) Okafor*C. ondongense* Engl. & Diels (7)

Perennial. Tree. Ht 3–15 m. Alt 300–1465 m. N, B

collinum Fresen. subsp. **suluense** (Engl. & Diels) Okafor*C. suluense* Engl. & Diels (7)

Perennial. Tree. Ht 2–8 m. Alt 270–1400 m. LIM, M, S, KZN

collinum Fresen. subsp. **taborensis** (Engl.) Okafor*C. taborensis* Engl. (7)

Perennial. Tree. Ht 4–12 m. Alt 300–1163 m. LIM, M

dinteri Schinz = **C. psidioides** subsp. **dinteri****edwardsii** Exell

Perennial. Tree or shrub. Ht 2–5 m. Alt 0–1435 m. M, KZN, EC

elaegnoides Klotzsch

Perennial. Tree or shrub. Ht up to 6 m. Alt 915–1005 m. N, B

engleri Schinz

Perennial. Tree or shrub. Ht 1.5–5 m. Alt 490–1525 m. N, B

erythrophyllum (Burch.) Sond.*C. glomeruliflorum* Sond. (6)

Perennial. Tree or shrub. Ht 1–30 m. Alt 15–1525 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

fragrans F.Hoffm. = **C. adenogonium***gazense* Swynn. & Baker f. = **C. collinum** subsp. **gazense***glomeruliflorum* Sond. = **C. erythrophyllum***gueinzii* Sond. = **C. molle****hereroense** Schinz*C. hereroense* Schinz var. *villosissimum* Engl. & Diels (7)*C. transvaalense* Schinz var. *villosissimum* (Engl. & Diels) Burt Davy (7)

Perennial. Tree or shrub. Ht 3–5 m. Alt 30–1465 m. N, B, LIM, NW, G, M, S, KZN

hereroense Schinz var. *villosissimum* Engl. & Diels = **C. hereroense***holosericeum* Sond. = **C. molle****imberbe** Wawra

Perennial. Tree or shrub. Ht 7–15 m. Alt 185–1650 m. N, B, LIM, NW, G, M, S, KZN

kraussii Hochst.

Perennial. Tree or shrub. Ht 1–12 m. Alt 5–1980 m. LIM, M, S, KZN, EC

mechowianum O.Hoffm. = **C. collinum** subsp. **gazense****microphyllum** Klotzsch*C. paniculatum* Vent. subsp. *microphyllum* (Klotzsch) Wickens (7)

Perennial. Shrub or climber. Ht 10–20 m. Alt 18–1220 m. LIM, M, S, KZN

mkuzense J.D.Carr & Retief

Perennial. Tree or shrub. Ht 4–9 m. Alt 45–152 m. KZN

moggii Exell

Perennial. Tree or shrub. Ht 1–5 m. Alt 433–1550 m. LIM, G, M

molle R.Br. ex G.Don*C. gueinzii* Sond. (7)*C. holosericeum* Sond. (7)

Perennial. Tree. Ht 1–12 m. Alt 30–1700 m. B, LIM, NW, G, M, S, FS, KZN

mossambicensis (Klotzsch) Engl.

Perennial. Tree, shrub or climber. Ht 0.2–13 m. Alt 100–1675 m. N, B, LIM, M

nelsonii Dummer

Perennial. Tree or shrub. Ht 1.5–4 m. Alt? LIM, M

oatesii Rolfe = **C. platypetalum** subsp. **oatesii***ondongense* Engl. & Diels = **C. collinum** subsp. **ondongense****oxystachyum** Welw. ex M.A.Lawson

Perennial. Shrub or climber. Ht 0.5–2 m. Alt 900–1163 m. N

padoides Engl. & Diels

Perennial. Tree or shrub. Ht 2–3 m. Alt 30–855 m. M

paniculatum Vent. subsp. *microphyllum* (Klotzsch) Wickens = **C. microphyllum****petrophilum** Retief

Perennial. Tree or shrub. Ht 2–4 m. Alt 977–1000 m. LIM, M

platypetalum Welw. ex M.A.Lawson subsp. **baumii** (Engl. & Gilg) Exell*C. baumii* Engl. & Gilg (7)

Perennial. Shrub or dwarf shrub. Ht 0.6–2 m. Alt 915–1400 m. N

platypetalum Welw. ex M.A.Lawson subsp. **oatesii** (Rolfe) Exell*C. oatesii* Rolfe (7)

Perennial. Shrub or dwarf shrub. Ht 0.15–0.5 m. Alt? B

platypetalum Welw. ex M.A.Lawson subsp. **platypetalum**

Perennial. Shrub or dwarf shrub. Ht 1–2 m. Alt? N

psidioides Welw. subsp. **dinteri** (Schinz) Exell
C. dinteri Schinz (7)

Perennial. Tree. Ht 2.5–9 m. Alt 0–1950 m. N

psidioides Welw. subsp. **psidioides**

Perennial. Tree. Ht 2–10 m. Alt 0–1005 m. N, B

salicifolium E.Mey. ex Hook. = **C. caffrum****schumannii** Engl.

Perennial. Tree or shrub. Ht 2–18 m. Alt? N, B

suluense Engl. & Diels = **C. collinum** subsp. **suluense****taborense** Engl. = **C. collinum** subsp. **taborense****transvaalense** Schinz var. **villosissimum** Burtt Davy =**C. hereroense****vendae** A.E.van Wyk

Perennial. Tree or shrub. Ht 1.5–4 m. Alt? LIM

wattii Exell

Perennial. Tree or shrub. Ht 4–6 m. Alt? N

woodii Dummer

Perennial. Tree, shrub or climber. Ht 1–10 m. Alt 45–1370 m. M, S, KZN

zeyheri Sond.

Perennial. Tree or shrub. Ht 2–12 m. Alt 45–1600 m. N, B, LIM, NW, G, M, S, KZN

LUMNITZERA Willd. 5550000(1) Wickens. 1973. *FTEA* Combretaceae: 93–95.(2) Exell. 1978. *FZ* 4: 181–183.**racemosa** Willd. var. **racemosa**

Perennial. Tree or shrub. Ht 1–9 m. Alt 0–50 m. KZN

POIVREA Comm. 5538010**bracteosa** Hochst. = **Combretum bracteosum****PTELEOPSIS** Engl. 5539000(1) Wickens. 1973. *FTEA* Combretaceae: 70–73.(2) Exell. 1978. *FZ* 4: 162–166.*anisoptera* (Welw. ex M.A.Lawson) Engl. & Diels, mis-identified name for *FSA* plants**myrtifolia** (M.A.Lawson) Engl. & Diels

Perennial. Tree. Ht 2–22 m. Alt 20–1050 m. B, LIM, KZN

QUISQUALIS L. 5541000(1) Wickens. 1973. *FTEA* Combretaceae: 67–70.(2) Carr. 1986. *The Flowering Plants of Africa* 49: t. 1925.**parviflora** Gerrard ex Sond.

Perennial. Climber. Ht 1–15 m. Alt 45–610 m. KZN, EC

TERMINALIA L. 5544000(1) Codd. 1963. *The Flowering Plants of Africa* 36: t. 1407.(2) Killick. 1969. *The Flowering Plants of Africa* 40: t. 1565.(3) Wickens. 1973. *FTEA* Combretaceae: 73–93.(4) Exell. 1978. *FZ* 4: 166–181.**brachystemma** Welw. ex Hiern subsp. **brachystemma**

Perennial. Tree. Ht 2–8 m. Alt 560–1950 m. N, B, LIM

phanerophlebia Engl. & Diels

Perennial. Tree or shrub. Ht 1–10 m. Alt 50–915 m. M, S, KZN

prunioides M.A.Lawson

Perennial. Tree or shrub. Ht 3–15 m. Alt 275–1525 m. N, B, LIM, M

randii Baker f.

Perennial. Tree. Ht 3–12 m. Alt 0–1065 m. B

sericea Burch. ex DC.

Perennial. Tree. Ht 3–16 m. Alt 45–1920 m. N, B, LIM, NW, G, M, S, KZN, NC

stenostachya Engl. & Diels

Perennial. Tree or shrub. Ht 4–12 m. Alt 275–1000 m. B

stuhmannii Engl.

Perennial. Tree or shrub. Ht 2–12 m. Alt? N, B

trichopoda Diels

Perennial. Tree. Ht 2–9 m. Alt 0–1065 m. N, B

CONNARACEAE

Compiled by M. Jordaan

BYRSOCARPUS Thonn. ex 3421000
Schumach.*coccineus* in sense of Eyles = **Rourea orientalis***orientalis* (Baill.) Baker = **Rourea orientalis***tomentosus* G.Schellenb. = **Rourea orientalis****CNESTIS** Juss. 3428000(1) Mendes. 1966. *FZ* 2: 615, 616.(2) Lemmens. 1989. *Agricultural University Wageningen Papers* 89-6: 174–238.*natalensis* (Hochst.) Planch. & Sond. = **C. polyphylla****polyphylla** Lam.*C. natalensis* (Hochst.) Planch. & Sond. (2)*Zanthoxylum natalense* Hochst. ex C.Krauss (2)

Perennial. Climber, shrub or tree. Ht 2–4 m. Alt 300–1200 m. LIM, M, S, KZN, EC

ROUREA Aubl. 3424000(1) Mendes. 1966. *FZ* 2: 622–627.(2) Jongkind. 1989. *Agricultural University Wageningen Papers* 89-6: 310–368.**orientalis** Baill.*Byrsocarpus coccineus* in sense of Eyles, misapplied name (2)*Byrsocarpus orientalis* (Baill.) Baker (2)*Byrsocarpus tomentosus* G.Schellenb. (2)

Perennial. Climber, shrub or tree. Ht 1–6 m. Alt 200–1600 m. N, B

CONVOLVULACEAE

Compiled by W.G. Welman

- ANISEIA* Choisy 6992000
calystegioides E.Mey. ex Choisy = **Ipomoea crassipes**
hackeliana Schinz = **Ipomoea hackeliana**
- ARGYREIA** Lour. 7009000
 ? *laxiflora* Baker = **Stictocardia laxiflora**
- ASTRIPOMOEA** A.Meeuse 7000000
 (1) Meeuse & Welman. 2000. *FSA* 28,1: 66–69.
lachnosperma (Choisy) A.Meeuse
Astrochlaena lachnosperma (Choisy) Hallier f. (1)
Ipomoea lachnosperma Choisy (1)
 Annual. Shrub, herb. Ht 0.5–1.25 m. Alt 350–2600 m.
 N, B
- malvacea** (Klotzsch) A.Meeuse
Astrochlaena malvacea (Klotzsch) Hallier f. (1)
Breweria malvacea Klotzsch (1)
 Perennial. Dwarf shrub, herb. Ht 0.45–2 m. Alt 60–
 2240 m. KZN
- rotundata** (Pilg.) A.Meeuse
Astrochlaena rotundata Pilg. (1)
 Perennial. Herb. Length 0.4–1.2 m. Alt? N, B
- ASTROCHLAENA** Hallier f. 7000010
lachnosperma (Choisy) Hallier f. = **Astripomoea lachnosperma**
malvacea (Klotzsch) Hallier f. = **Astripomoea malvacea**
rotundata Pilg. = **Astripomoea rotundata**
- BONAMIA** Thouars 6979000
 (1) Meeuse & Welman. 2000. *FSA* 28,1: 29–31.
capensis (E.Mey. ex Choisy) Burtt Davy = **Seddera capensis**
schizantha (Hallier f.) A.Meeuse = **Seddera schizantha**
suffruticosa (Schinz) Burtt Davy & R.Pott-Leendertz =
Seddera suffruticosa
- velutina** Verdc.
 Perennial. Herb, suffrutex. Ht 0.3–1 m. Alt 100–1070
 m. B, LIM, KZN
- BREWERIA** R.Br. 6979020
capensis (E.Mey. ex Choisy) Baker = **Seddera capensis**
malvacea Klotzsch = **Astripomoea malvacea**
suffruticosa Schinz = **Seddera suffruticosa**
- CALYCANthemUM** Klotzsch 7003010
leucanthemum Klotzsch = **Ipomoea leucanthemum**
- CALYSTEGIA** R.Br. 6994000
 (1) Meeuse & Welman. 2000. *FSA* 28,1: 49–51.
 ***sepium** (L.) R.Br.
Convolvulus sepium L. (1)
 Perennial. Herb, climber. Length 1–3 m. Alt? WC
- soldanella** (L.) R.Br. ex Roem. & Schult.
Convolvulus soldanella L. (1)
 Perennial. Herb, straggler. Length 0.2–0.5 m. Alt 5–10
 m. WC
- CERVIA** Rodr. 7011000
disperma (L.f.) Hayek = **Rochelia disperma**
- CONVOLVULUS** L. 6993000
 (1) Meeuse & Welman. 2000 *FSA* 28,1: 35–48.
albivenius Lindl. = **Ipomoea albivenia**
alceifolius Lam. = **C. capensis**
alsinoides L. = **Evolvulus alsinoides**
argillicola Pilg.
 Perennial. Herb. Length 0.2–0.7 m. Alt 1100–1740 m. N
- ***arvensis** L.
 Perennial. Herb, climber. Length 0.75–1.75 m. Alt 5–
 1660 m. NW, G, M, FS, KZN, L, NC, WC, EC
- aschersonii** Engl.
C. sagittatus Thunb. var. *aschersonii* (Engl.) Verdc. (1)
 Perennial. Herb. Length 0.5–2 m. Alt 1000–1500 m.
 LIM, NW, G
- bidentatus** Bernh. ex C.Krauss
C. hastatus Thunb. (1)
 Perennial. Herb, climber. Length 0.5–3 m. Alt 30–915
 m. WC, EC
- boedeckerianus** Peter
 Perennial. Herb. Length 0.1–0.6 m. Alt 1220–1525 m.
 NW, FS, NC, EC
- brasiliensis* L. = **Ipomoea pes-caprae** subsp. **brasiliensis**
bullerianus Rendle = **C. natalensis**
cairicus L. = **Ipomoea cairica**
calycinus E.Mey. ex Drège = **C. natalensis**
- capensis** Burm.f.
C. alceifolius Lam. (1)
C. capensis Burm.f. var. *bowieanus* (Rendle) A.Meeuse (1)
C. capensis Burm.f. var. *plicatus* (Desr.) Baker (1)
C. filiformis Thunb. (1)
C. inconspicuus Hallier f. (1)
Ipomoea bowieana (Rendle) Baker
 Perennial. Herb, climber. Length 0.2–1.5 m. Alt 60–
 765 m. NC, WC, EC
- capensis* Burm.f. var. *bowieanus* (Rendle) A.Meeuse =
C. capensis
capensis Burm.f. var. *plicatus* (Desr.) Baker = **C. capensis**
copticus L. = **Ipomoea coptica**
cordifolius Thunb. = **C. farinosus**
crispus Thunb. = **Ipomoea crispa**
dinteri Pilg. = **C. ocellatus**
- dregeanus** Choisy
C. liniformis Rendle (1)
 Perennial. Herb. Length 0.1–0.3 m. Alt 1280–1675 m.
 NW, G, M, FS, NC, WC, EC
- farinosus** L.
C. cordifolius Thunb. (1)

Perennial. Herb, climber. Length 0.75–2.5 m. Alt 5–1890 m. LIM, NW, G, M, S, KZN, L, WC, EC

filiformis Thunb. = **C. capensis**

galpinii C.H. Wright

Perennial. Herb. Length 0.2–0.6 m. Alt 1830–2010 m. EC

hastatus Thunb. = **C. bidentatus**

inconspicuus Hallier f. = **C. capensis**

indicus Burm.f. = **Ipomoea indica**

linifolius L. = **Evolvulus alsinoides**

liniformis Rendle = **C. dregeanus**

malabaricus L. = **Hewittia malabarica**

multifidus Hallier f. = **C. ocellatus**

multifidus Thunb.

C. thunbergii Hallier f. (1)

Perennial. Herb. Length 0.15–0.75 m. Alt 1000–1355 m. NW, FS, NC, EC

natalensis Bernh. ex Krauss

C. bullerianus Rendle (1)

C. calycinus E.Mey. ex Drège (1)

C. natalensis Bernh. ex Krauss var. *angustifolia* C.H. Wright (1)

C. natalensis Bernh. ex Krauss var. *integrifolia* C.H. Wright (1)

C. natalensis Bernh. ex Krauss var. *transvaalensis* (Schltr.) A.Meeuse (1)

Perennial. Herb. Length 0.3–1 m. Alt 10–1950 m. LIM, M, S, FS, KZN, EC

natalensis Bernh. ex Krauss var. *angustifolia* C.H. Wright = **C. natalensis**

natalensis Bernh. ex Krauss var. *integrifolia* C.H. Wright = **C. natalensis**

natalensis Bernh. ex Krauss var. *transvaalensis* (Schltr.) A.Meeuse = **C. natalensis**

nil L. = **Ipomoea nil**

nummularius L. = **Evolvulus nummularius**

obscurus L. = **Ipomoea obscura** var. **obscura**

ocellatus Hook.f.

C. dinteri Pilg. (1)

C. multifidus Hallier f. (1)

C. ocellatus Hook.f. var. *ornatus* (Engl.) A.Meeuse (1)

Perennial. Herb. Length 0.2–0.6 m. Alt 950–1695 m. N, B, NW, G, FS, NC

ocellatus Hook.f. var. *ornatus* (Engl.) A.Meeuse = **C. ocellatus**

oenotherae Vatke = **Ipomoea oenotherae**

oenotheroides L.f. = **Ipomoea oenotheroides**

ochraceus Lindl. = **Ipomoea ochracea** var. **ochracea**

purpureus L. = **Ipomoea purpurea**

sagittatus Thunb.

C. sagittatus Thunb. subsp. *grandiflorus* (Hallier f.) A.Meeuse var. *graminifolius* (Hallier f.) Baker & C.H. Wright ex A.Meeuse (1)

C. sagittatus Thunb. subsp. *grandiflorus* (Hallier f.) A.Meeuse var. *grandiflorus* (1)

C. sagittatus Thunb. subsp. *grandiflorus* (Hallier f.) A.Meeuse var. *linearifolius* (Hallier f.) Baker & C.H. Wright ex A.Meeuse (1)

C. sagittatus Thunb. subsp. *sagittatus* var. *hirtellus* (Hallier f.) A.Meeuse (1)

C. sagittatus Thunb. subsp. *sagittatus* var. *namaquensis* A.Meeuse (1)

C. sagittatus Thunb. subsp. *sagittatus* var. *phyllosepalus* (Hallier f.) A.Meeuse (1)

C. sagittatus Thunb. subsp. *sagittatus* var. *ulosepalus* (Hallier f.) Verdc. (1)

C. ulosepalus Hallier f. (1)

Perennial. Herb. Length 0.3–2 m. Alt 155–2045 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

sagittatus Thunb. subsp. *grandiflorus* (Hallier f.) A.Meeuse var. *graminifolius* (Hallier f.) Baker & C.H. Wright ex A.Meeuse = **C. sagittatus**

sagittatus Thunb. subsp. *grandiflorus* (Hallier f.) A.Meeuse var. *grandiflorus* = **C. sagittatus**

sagittatus Thunb. subsp. *grandiflorus* (Hallier f.) A.Meeuse var. *linearifolius* (Hallier f.) Baker & C.H. Wright ex A.Meeuse = **C. sagittatus**

sagittatus Thunb. subsp. *sagittatus* var. *hirtellus* (Hallier f.) A.Meeuse = **C. sagittatus**

sagittatus Thunb. subsp. *sagittatus* var. *namaquensis* A.Meeuse = **C. sagittatus**

sagittatus Thunb. subsp. *sagittatus* var. *phyllosepalus* (Hallier f.) A.Meeuse = **C. sagittatus**

sagittatus Thunb. subsp. *sagittatus* var. *ulosepalus* (Hallier f.) Verdc. = **C. sagittatus**

sagittatus Thunb. var. *aschersonii* (Engl.) Verdc. = **C. aschersonii**

sepium L. = **Calystegia sepium**

soldanella L. = **Calystegia soldanella**

thunbergii Hallier f. = **C. multifidus**

thunbergii Roem. & Schult.

Perennial. Herb. Length 0.2–0.7 m. Alt 610–2620 m. LIM, NW, G, M, FS, KZN, L, EC

trilobus Thunb. = **Ipomoea ficifolia**

ulosepalus Hallier f. = **C. sagittatus**

wightii Wall. = **Ipomoea wightii**

CUSCUTA L.

6968000

(1) Meeuse & Welman. 2000. *FSA* 28,1: 3–15.

africana Willd.

C. alpestris Fourc. (1)

C. capensis Choisy (1)

Annual, occ. perennial. Herb, parasite. Ht 0.01–0.03 m. Alt 155–900 m. WC, EC

alpestris Fourc. = **C. africana**

angulata Engelm.

C. falkiiformis Schltr. (1)

Perennial. Herb, parasite. Ht 0.01–0.05 m. Alt 30–765 m. WC

appendiculata Engelm.

C. appendiculata Engelm. var. *macroflora* Yunck. (1)

Annual. Herb, parasite. Ht 0.01–0.04 m. Alt 45–1730 m. M, FS, NC, WC, EC

appendiculata Engelm. var. *macroflora* Yunck. = **C. appendiculata**

australis R.Br.

C. obtusiflora Humb., Bonpl. & Kunth var. *cordofana* Engelm. (1)

Annual. Herb, parasite. Ht 0.01–0.04 m. Alt? B, LIM, G

balansae Boiss. & Reut. var. *mossamedensis* (Hiern) Yunck. = **C. planiflora** var. **planiflora**

bifurcata Yunck.

Annual. Herb, parasite. Ht 0.01–0.04 m. Alt ?–1370 m. WC, EC

***campestris** Yunck.

Annual. Herb, parasite. Ht 0.02–0.2 m. Alt 85–2125 m.
B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
capensis Choisy = **C. africana**

cassytoides Engelm.

C. timorensis Engelm. (1)

Annual, occ. perennial. Herb, parasite. Ht 0.02–0.2 m.
Alt 5–1525 m. LIM, M, S, KZN, WC, EC

cucullata Yunck. = **C. gerrardii**

***epithymum** Murray

Annual. Herb, parasite. Ht 0.01–0.05 m. Alt ?–1280 m.
G, M, EC

epitribulum Schinz = **C. hyalina**

falkiiformis Schltr. = **C. angulata**

gerrardii Baker

C. cucullata Yunck. (1)

Annual. Herb, parasite. Ht 0.01–0.1 m. Alt 600–1370
m. KZN

hyalina Roth

C. epitribulum Schinz (1)

Annual. Herb, parasite. Ht 0.01–0.1 m. Alt? N, LIM,
NC

kilimanjari Oliv.

Annual, occ. perennial. Herb, parasite. Ht 0.01–0.1 m.
Alt 945–1325 m. LIM

madagascarensis Yunck. = **C. planiflora** var. **madagas-
carensis**

medicaginis C.H. Wright = **C. suaveolens**

natalensis Baker

Annual. Herb, parasite. Ht 0.01–0.15 m. Alt 400–1100
m. KZN, EC

nitida Choisy

Perennial. Herb, parasite. Ht 0.01–0.05 m. Alt 30–
1070 m. WC

obtusiflora Humb., Bonpl. & Kunth var. *cordofana*
Engelm. = **C. australis**

planiflora Ten. var. **madagascarensis** (Yunck.) Verdc.

C. madagascarensis Yunck. (1)

Annual. Herb, parasite. Ht 0.01–0.1 m. Alt? LIM

planiflora Ten. var. *mossamedensis* Hiern = **C. planiflo-
ra** var. **planiflora**

planiflora Ten. var. **planiflora**

C. balansae Boiss. & Reut. var. *mossamedensis* (Hiern) Yunck. (1)

C. planiflora Ten. var. *mossamedensis* Hiern (1)

C. pretoriana Yunck. (1)

Annual. Herb, parasite. Ht 0.01–0.1 m. Alt? N, G

pretoriana Yunck. = **C. planiflora** var. **planiflora**

***suaveolens** Ser.

C. medicaginis C.H. Wright (1)

Annual. Herb, parasite. Ht 0.01–0.1 m. Alt ?–1695 m.
G, M, EC

timorensis Engelm. = **C. cassytoides**

DICHONDRA J.R.Forst. & G.Forst. 6971000

(1) Meeuse & Welman. 2000. *FSA* 28,1: 16–18.

micrantha Urb.

D. repens of authors, not of J.R.Forst. & G.Forst. (1)

Perennial. Herb. Ht 0.03–0.1 m. Alt 5–1715 m. LIM,
NW, G, M, KZN

repens of authors, not of J.R.Forst. & G.Forst. = **D.
micrantha**

EVOLVULUS L.

6973000

(1) Meeuse & Welman. 2000. *FSA* 28,1: 22–24.

alsinoides (L.) L.

Convolvulus alsinoides L. (1)

Convolvulus linifolius L. (1)

E. alsinoides (L.) L. var. *linifolius* (L.) Baker (1)

Annual, occ. perennial. Herb. Ht 0.2–0.6 m. Alt 5–
1650 m. N, B, LIM, NW, G, M, S, KZN, NC

alsinoides (L.) L. var. *linifolius* (L.) Baker = **E. alsi-
noides**

capensis E.Mey. ex Choisy = **Seddera capensis**

nummularius (L.) L.

Convolvulus nummularius L. (1)

Perennial. Herb. Length 0.1–0.5 m. Alt 25–320 m. S,
KZN

FALKIA Thunb.

6972000

(1) Meeuse & Welman. 2000. *FSA* 28,1: 19–21.

dichondroides Baker = **F. repens**

diffusa (Choisy) Hallier f. = **F. repens**

oblonga Bernh. ex C.Krauss

Perennial. Herb. Ht 0.02–0.1 m. Alt 45–1740 m. N, B,
LIM, NW, G, M, FS, KZN, NC, EC

repens Thunb.

F. dichondroides Baker (1)

F. diffusa (Choisy) Hallier f. (1)

F. villosa Hallier f. (1)

Perennial. Herb. Ht 0.02–0.1 m. Alt 5–1220 m. WC,
EC

villosa Hallier f. = **F. repens**

HEWITTIA Wight & Arn.

6995000

(1) Meeuse & Welman. 2000. *FSA* 28,1: 52–54.

bicolor (Vahl) Wight & Arn. = **H. malabarica**

malabarica (L.) Suresh

Convolvulus malabaricus L. (1)

H. bicolor (Vahl) Wight & Arn. (1)

H. scandens (Milne) Mabb. (1)

H. sublobata (L.f.) Kuntze (1)

Perennial. Herb, climber. Length 1–3 m. Alt 5–945 m.
LIM, M, S, KZN, EC

scandens (Milne) Mabb. = **H. malabarica**

sublobata (L.f.) Kuntze = **H. malabarica**

IPOMOEA L.

7003000

(1) Meeuse. 1955. *The Flowering Plants of Africa* 30: t. 1189.

(2) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1201.

(3) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1203.

(4) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1209.

(5) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1217A.

(6) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1217B.

(7) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1221.

(8) Meeuse. 1956. *The Flowering Plants of Africa* 31: t. 1222.

(9) Meeuse. 1958. *The Flowering Plants of Africa* 32: t. 1271.

(10) Meeuse. 1959. *The Flowering Plants of Africa* 33: t. 1301.

(11) Meeuse. 1961. *The Flowering Plants of Africa* 34: t. 1360.

(12) Welman *et al.* 1999. *Flowering Plants of Africa* 56: t. 2157.

(13) Meeuse & Welman. 2000. *FSA* 28,1: 70–120.

acuminata (Vahl) Roem. & Schult. = **I. indica**

adenioides Schinz (12)

I. marlothii Engl. (13)

Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 400–
1100 m. N, B, LIM, G, M

***alba** L.

- Annual, occ. perennial. Herb, climber. Length 0.5–5 m.
Alt 5–700 m. M, KZN, EC
- albivenia** (Lindl.) Sweet
Convolvulus albivenius Lindl. (13)
I. gerrardii Hook.f. (13)
Perennial. Shrub, climber. Ht 0.5–5 m. Alt 45–1700 m.
LIM, M, S, KZN
- angustifolia** Jacq. = **Xenostegia tridentata** subsp. **angustifolia**
- angustisecta** Engl. = **I. bolusiana**
- aquatica** Forssk.
I. natans Dinter & Suess. (13)
I. reptans Roem. & Schult. (13)
Perennial, occ. annual. Herb. Length 0.3–3 m. Alt 5–1050 m. N, B, KZN
- arachnosperma** Welw. = **I. dichroa**
- argyreoides** Choisy = **I. oenotheroides**
- atherstonei** Baker = **I. oblongata**
- barrettii** Rendle = **I. oenotheroides**
- bathycolpos** Hallier f.
I. bathycolpos Hallier f. var. *sinuatodentata* Hallier f. (13)
Perennial. Herb. Length 0.5–2 m. Alt 795–1735 m.
LIM, NW, G, M, FS
- bathycolpos** Hallier f. var. *sinuatodentata* Hallier f. = **I. bathycolpos**
- bellecomans** Rendle = **I. crassipes**
- bipinnatipartita** Engl. = **Merremia bipinnatipartita**
- bisavium** A.Meeuse (11)
Perennial. Climber. Length 0.5–7 m. Alt 1050–1100 m. LIM
- blepharosepala** Hochst. ex A.Rich. = **I. sinensis** subsp. **blepharosepala**
- bolusiana** Schinz
I. angustisecta Engl. (13)
I. bolusiana Schinz var. *pinnatipartita* Verdc. (13)
I. mesenteroides Hallier f. (13)
I. praetermissa Rendle (13)
I. simplex of author, not of Thunb.; Hook. (13)
Perennial. Dwarf shrub, herb. Length 0.2–3 m. Alt 45–1525 m. N, B, LIM, NW, G, M, S, FS, KZN, NC
- bolusiana** Schinz var. *pinnatipartita* Verdc. = **I. bolusiana**
- bowieana** (Rendle) Baker = **Convolvulus capensis**
- cairica** (L.) Sweet
Convolvulus cairicus L. (13)
Perennial. Herb, climber. Length 0.5–2 m. Alt 5–975 m. B, LIM, M, S, KZN, EC
- calcarata** N.E.Br. = **I. tuberculata**
- cardiosepala** Hochst. ex Baker & C.H.Wright = **I. sinensis** subsp. **blepharosepala**
- carnea** Jacq. subsp. **fistulosa** (Mart. ex Choisy) D.F.Austin
I. fistulosa Mart. ex Choisy (13)
Perennial. Shrub, scrambler. Ht 0.5–3 m. Alt 300–1300 m. LIM, M, KZN
- chloroneura** Hallier f.
Annual. Herb. Ht 0.25–0.45 m. Alt 915–1525 m. N, B, LIM
- congesta** R.Br. = **I. indica**
- consimilis** Schulze-Menz
I. urbaniana in sense of J.H.Ross, not of (Dammer) Hallier f. (13)
Perennial. Climber, subshrub. Length 0.5–5 m. Alt 15–100 m. KZN
- contorta** Choisy = **I. crispa**
- convolvuloides** Hallier f. = **I. transvaalensis**
- coptica** (L.) Roth ex Roem. & Schult. (5)
Convolvulus copticus L. (13)
I. dissecta Willd. (13)
Annual. Herb, climber. Length 0.15–1.5 m. Alt 245–1150 m. N, B, LIM, G, M, KZN
- coscinosperma** Hochst. ex Choisy
Annual. Herb. Length 0.3–3 m. Alt 120–1065 m. N, B, LIM, NW, G, M, S, KZN
- crassipes** Hook.
Aniseia calystegioides E.Mey. ex Choisy (13)
I. bellecomans Rendle (13)
I. greenstockii Rendle (13)
I. sarmentacea Rendle (13)
Perennial. Herb. Length 0.2–0.75 m. Alt 15–2100 m.
N, B, LIM, NW, G, M, S, FS, KZN, L, EC
- crispa** (Thunb.) Hallier f.
Convolvulus crispus Thunb. (13)
I. contorta Choisy (13)
I. undulata Baker ex Baker & C.H.Wright (13)
Perennial. Herb. Length 0.25–0.75 m. Alt 545–800 m.
EC
- dammarana** Rendle = **I. verbascoidea**
- dasysperma** Jacq. = **I. tuberculata**
- dichroa** Choisy (3)
I. arachnosperma Welw. (13)
Annual. Climber. Length 0.5–2.5 m. Alt 70–1220 m.
N, B, LIM, G, M, S
- digitata** in sense of A.Meeuse, not of L. = **I. mauritiana**
- dinteri** Schulze-Menz = **I. lapathifolia**
- dissecta** Willd. = **I. coptica**
- eenii** Rendle = **I. magnusiana**
- eriocarpa** R.Br.
Annual. Herb, climber. Length 1–2 m. Alt 275–915 m.
B, LIM, G, M
- fanshawei** Verdc.
Perennial. Herb. Length 0.3–0.5 m. Alt 1000–1100 m.
B
- ficifolia** Lindl.
Convolvulus trilobus Thunb. (13)
Perennial. Herb, climber. Length 0.5–2.5 m. Alt 5–1220 m. S, KZN, EC
- fistulosa** Mart. ex Choisy = **I. carnea** subsp. **fistulosa**
- fragilis** Choisy = **I. obscura** var. **obscura**
- fulvicaulis** (Hochst. ex Choisy) Boiss. ex Hallier f. var. **fulvicaulis**
Perennial. Herb. Length 0.2–2 m. Alt 1500–1700 m.
N, B
- gerrardiana** Rendle = **I. purpurea**
- gerrardii** Hook.f. = **I. albivenia**
- gracilisepala** Rendle (6)
I. xiphosepala Baker (13)
Annual. Herb. Length 0.3–1 m. Alt 640–1525 m. LIM, NW, G, M
- greenstockii** Rendle = **I. crassipes**

hackeliana (Schinz) Hallier f.*Aniseia hackeliana* Schinz (13)

Annual. Herb. Ht 0.2–1.2 m. Alt 855–1200 m. N, B, LIM, NC

hederacea of authors, not of Jacq. = **I. nil***heptaphylla* in sense of A.Meeuse, not of (Roxb.) Voigt = **I. tenuipes****hochstetteri** House (1)*I. kwebensis* N.E.Br. (13)*I. quinquefolia* Hochst. ex Hallier f. (13)

Annual. Herb, climber. Length 0.5–3 m. Alt 795–1220 m. N, B, LIM, G, M, S

holubii Baker (9)*Turbina holubii* (Baker) A.Meeuse (13)

Perennial. Shrub. Ht 0.3–2.5 m. Alt 580–1675 m. N, B, LIM, NW, M

inamoena Pilg. = **I. welwitschii*****indica** (Burm.f.) Merr.*Convolvulus indicus* Burm.f. (13)*I. acuminata* (Vahl) Roem. & Schult. (13)*I. congesta* R.Br. (13)

Annual, occ. perennial. Herb, climber. Length 0.5–3 m. Alt 5–1215 m. G, M, S, KZN, WC, EC

involuta P.Beauv.

Annual, occ. perennial. Herb, climber. Length 0.5–4 m. Alt 1220–1370 m. LIM

kentrocaulos C.B.Clarke = **Merremia kentrocaulos***kwebensis* N.E.Br. = **I. hochstetteri***lachnosperma* Choisy = **Astripomoea lachnosperma***lambtoniana* Rendle = **I. oblongata****laphthifolia** Hallier f. (4)*I. dinteri* Schulze-Menz (13)

Perennial. Herb. Length 0.3–3 m. Alt 155–610 m. B, LIM, M, S

leucanthemum (Klotzsch) Hallier f.*Calycanthemum leucanthemum* Klotzsch (13)

Annual, occ. perennial. Herb. Length 0.3–0.8 m. Alt? N, B

lugardi N.E.Br. = **I. magnusiana****magnusiana** Schinz (2)*I. eenii* Rendle (13)*I. lugardi* N.E.Br. (13)*I. magnusiana* Schinz var. *eenii* (Rendle) A.Meeuse (13)*I. otjikangensis* Pilg. & Dinter (13)

Perennial. Herb. Length 0.2–3 m. Alt 260–1585 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

magnusiana Schinz var. *eenii* (Rendle) A.Meeuse = **I. magnusiana***malvaefolia* (Rendle) Baker = **Merremia malvaefolia***marlothii* Engl. = **I. adenioides****mauritiana** Jacq.*I. digitata* in sense of A.Meeuse, not of L. (13)

Perennial. Climber. Length 0.5–5 m. Alt 25–120 m. KZN

mesenteroides Hallier f. = **I. bolusiana***natans* Dinter & Suess. = **I. aquatica*****nil** (L.) Roth*Convolvulus nil* L. (13)*I. hederacea* of authors, not of Jacq. (13)

Annual. Herb, climber. Length 0.5–2 m. Alt 1000–1525 m. N

oblongata E.Mey. ex Choisy (10)*I. atherstonei* Baker (13)*I. lambtoniana* Rendle (13)*Turbina oblongata* (E.Mey. ex Choisy) A.Meeuse (13)

Perennial. Herb. Length 0.5–2 m. Alt 245–2045 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC

obscura (L.) Ker Gawl. var. *fragilis* (Choisy) A.Meeuse = **I. obscura** var. **obscura****obscura** (L.) Ker Gawl. var. **obscura** (8)*Convolvulus obscurus* L. (13)*I. fragilis* Choisy (13)*I. obscura* (L.) Ker Gawl. var. *fragilis* (Choisy) A.Meeuse (13)

Perennial. Herb. Length 0.5–3 m. Alt 120–1830 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

ochracea (Lindl.) G.Don var. **ochracea** (7)*Convolvulus ochraceus* Lindl. (13)

Perennial. Herb. Length 0.5–5 m. Alt 500–1525 m. B

oenotherae (Vatke) Hallier f.*Convolvulus oenotherae* Vatke (13)*I. petunioides* Baker (13)

Perennial. Herb. Length 0.2–0.4 m. Alt 500–1615 m. N, B, LIM, NW, G

oenotheroides (L.f.) Raf. ex Hallier f.*Convolvulus oenotheroides* L.f. (13)*I. argyreoides* Choisy (13)*I. barrettii* Rendle (13)*Turbina oenotheroides* (L.f.) A.Meeuse (13)

Perennial. Shrub. Ht 0.3–1 m. Alt 460–1560 m. N, NW, G, FS, KZN, NC, EC

ommaneyi Rendle

Perennial. Herb. Length 0.5–2 m. Alt 915–1735 m. B, LIM, NW, G, M, FS

otjikangensis Pilg. & Dinter = **I. magnusiana***ovata* E.Mey. ex Rendle = **I. pellita****papilio** Hallier f.

Perennial. Herb. Length 0.3–3 m. Alt 400–2100 m. B, LIM, NW, G, M, S

pellita Hallier f.*I. ovata* E.Mey. ex Rendle (13)

Perennial. Herb. Length 0.2–2 m. Alt 60–1700 m. M, S, FS, KZN, L, EC

pes-caprae (L.) R.Br. subsp. **brasiliensis** (L.) Ooststr.*Convolvulus brasiliensis* L. (13)

Perennial. Herb. Length 2–30 m. Alt 3–50 m. KZN, WC, EC

pes-tigridis L. var. *africana* Hallier f. = **I. pes-tigridis** var. **pes-tigridis****pes-tigridis** L. var. **pes-tigridis***I. pes-tigridis* L. var. *africana* Hallier f. (13)

Annual, occ. perennial. Herb. Length 0.5–2 m. Alt 915–1735 m. N, B, M

petunioides Baker = **I. oenotherae****pileata** Roxb.

Annual, occ. perennial. Herb, climber. Length 0.5–3 m. Alt ?–900 m. N, B, M

pinnata Hochst. ex Choisy = **Merremia pinnata***plantaginea* (Choisy) Hallier f. = **I. simplex****plebeia** R.Br. subsp. **africana** A.Meeuse

Annual. Herb, climber. Length 0.3–1.2 m. Alt 5–1220 m. N, B, LIM, M, S, KZN

praetermissa Rendle = **I. bolusiana***pterygocaulos* Choisy = **Merremia pterygocaulos**

***purpurea** (L.) Roth*Convolvulus purpureus* L. (13)*I. gerrardiana* Rendle (13)

Annual. Herb, climber. Ht 0.5–2.5 m. Alt 650–1340 m.

LIM, NW, G, M, KZN, L, EC

quinquefolia Hochst. ex Hallier f. = **I. hochstetteri***quinquefolia* Hochst. ex Hallier f. var. *pubescens* Baker
= **Merremia verecunda***reptans* Roem. & Schult. = **I. aquatica***riparia* G. Don = **I. rubens****robertsiana** Rendle*I. uncinata* Hutch. (13)*Turbina robertsiana* (Rendle) A. Meeuse (13)

Perennial. Suffrutex. Length 0.2–1.2 m. Alt 1130–1370 m. LIM, M

rubens Choisy*I. riparia* G. Don (13)Perennial. Climber. Length 0.5–4 m. Alt 980–1030 m.
N, B*sarmentacea* Rendle = **I. crassipes****shirambensis** BakerPerennial. Climber. Length 0.5–7.5 m. Alt 520–945 m.
B, LIM*shirensis* Oliv. = **Paralepistemon shirensis***simplex* of author, not of Thunb.; Hook. = **I. bolusiana****simplex** Thunb.*I. plantaginea* (Choisy) Hallier f. (13)Perennial. Herb. Ht 0.07–0.2 m. Alt 5–1980 m. LIM,
G, M, FS, KZN, L, EC**sinensis** (Desr.) Choisy subsp. **blepharosepala** (Hochst.
ex A. Rich.) Verdc. ex A. Meeuse*I. blepharosepala* Hochst. ex A. Rich. (13)*I. cardiosepala* Hochst. ex Baker & C. H. Wright (13)Annual. Herb, climber. Length 0.3–2 m. Alt 5–1450 m.
N, B, LIM, NW, G, M, S, KZN, EC**stenosiphon** Hallier f.*Turbina stenosiphon* (Hallier f.) A. Meeuse (13)Perennial. Climber. Length 0.5–10 m. Alt 610–1100 m.
LIM**suffruticosa** Burch.*Turbina suffruticosa* (Burch.) A. Meeuse (13)Perennial. Suffrutex. Length 0.3–1 m. Alt 1150–1950 m.
N, NW, NC*tamnifolia* L. = **Jacquemontia tamnifolia****tenuipes** Verdc.*I. heptaphylla* in sense of A. Meeuse, not of (Roxb.) Voigt (13)Annual, occ. perennial. Herb, climber. Length 0.5–1 m.
Alt 360–1200 m. N, B, LIM, M*tetraptera* Baker = **Merremia pterygocaulos****transvaalensis** A. Meeuse*I. convolvuloides* Hallier f. (13)Perennial. Herb. Length 0.2–1 m. Alt 1035–1550 m.
LIM, NW, G**tuberculata** Ker Gawl.*I. calcarata* N. E. Br. (13)*I. dasysperma* Jacq. (13)Annual. Herb, climber. Length 0.5–2.5 m. Alt 900–
1200 m. N, B*uncinata* Hutch. = **I. robertsiana***undulata* Baker ex Baker & C. H. Wright = **I. crispa***urbaniana* in sense of J. H. Ross, not of (Dammer)Hallier f. = **I. consimilis****verbascoidea** Choisy*I. dammarana* Rendle (13)Perennial. Shrub, climber. Ht 0.5–2.5 m. Alt 490–1525 m.
N, B*verecunda* (Rendle) N. E. Br. = **Merremia verecunda****welwitschii** Vatke ex Hallier f.*I. inamoena* Pilg. (13)Perennial. Herb. Length 0.1–0.5 m. Alt 350–1100 m.
N, B**wightii** (Wall.) Choisy*Convolvulus wightii* Wall. (13)Perennial. Herb, climber. Length 0.5–3 m. Alt 5–1920 m.
LIM, M, S, KZN, EC*xiphosepala* Baker = **I. gracilispala****JACQUEMONTIA** Choisy 6991000(1) Meeuse & Welman. 2000. *FSA* 28,1: 32–34.*capitata* (Desr.) G. Don = **J. tamnifolia****tamnifolia** (L.) Griseb.*Ipomoea tamnifolia* L. (1)*J. capitata* (Desr.) G. Don (1)Annual. Herb, climber. Length 0.25–0.85 m. Alt 10–
1050 m. N, B, LIM, M, S, KZN**MERREMIA** Dennst. 6997000(1) Meeuse. 1955. *The Flowering Plants of Africa* 30: t. 1193.(2) Meeuse. 1955. *The Flowering Plants of Africa* 30: t. 1194.(3) Meeuse. 1957. *The Flowering Plants of Africa* 32: t. 1245.(4) Meeuse & Welman. 2000. *FSA* 28,1: 55–62.**bipinnatipartita** (Engl.) Hallier f.*Ipomoea bipinnatipartita* Engl. (4)

Perennial. Herb. Length 0.5–2 m. Alt 410–1300 m. N

guerichiana Engl. ex Hallier f. = **M. guerichii****guerichii** A. Meeuse*M. guerichiana* Engl. ex Hallier f. (4)

Perennial. Suffrutex. Ht 0.45–1.5 m. Alt 50–700 m. N

kentrocaulos (C. B. Clarke) Rendle (2)*Ipomoea kentrocaulos* C. B. Clarke (4)*Operculina kentrocaulos* (C. B. Clarke) Hallier f. (4)Perennial. Climber. Length 1–15 m. Alt 200–1300 m.
B, LIM, M**malvaefolia** Rendle*Ipomoea malvaefolia* (Rendle) Baker (4)

Annual? Herb. Ht? Alt? EC

multisecta Hallier f.

Perennial. Herb. Length 0.5–1.5 m. Alt ?–500 m. N

palmata Hallier f. (3)Perennial. Herb. Length 0.5–2.5 m. Alt 120–1450 m.
N, B, LIM, NW, G, M, S**pinnata** (Hochst. ex Choisy) Hallier f.*Ipomoea pinnata* Hochst. ex Choisy (4)Annual. Herb, climber. Length 0.25–0.75 m. Alt 350–
1220 m. N, B, LIM, M**pterygocaulos** (Choisy) Hallier f.*Ipomoea pterygocaulos* Choisy (4)*Ipomoea tetraptera* Baker (4)Perennial. Climber, shrub. Length 1–3 m. Alt 30–915 m.
B, KZN, EC*tridentata* (L.) Hallier f. subsp. *angustifolia* (Jacq.) Ooststr.
var. *angustifolia* = **Xenostegia tridentata** subsp.**angustifolia**

verecunda Rendle (1)*Ipomoea quinquefolia* Hochst. ex Hallier f. var. *pubescens* Baker (4)*Ipomoea verecunda* (Rendle) N.E.Br. (4)

Annual. Herb. Length 0.5–1.5 m. Alt 885–1635 m. N, B, LIM, NW, G, M, FS, L, NC

METAPORANA N.E.Br. 6979010*angolensis* N.E.Br. = **Seddera schizantha****OPERCULINA** S.Manso 6999000*kentrocaulos* (C.B.Clarke) Hallier f. = **Merremia kentrocaulos****PARALEPISTEMON** Lejoly & Lisowski 7003020(1) Meeuse & Welman. 2000. *FSA* 28,1: 121–123.**shirensis** (Oliv.) Lejoly & Lisowski*Ipomoea shirensis* Oliv. (1)*Turbina shirensis* (Oliv.) A.Meeuse (1)

Perennial. Shrub, climber. Ht 1–15 m. Alt 60–1100 m. LIM

SEDDERA Hochst. 6978000(1) Meeuse & Welman. 2000. *FSA* 28,1: 25–28.**capensis** (E.Mey. ex Choisy) Hallier f.*Bonamia capensis* (E.Mey. ex Choisy) Burtt Davy (1)*Breweria capensis* (E.Mey. ex Choisy) Baker (1)*Evolvulus capensis* E.Mey. ex Choisy (1)

Perennial. Suffrutex. Ht 0.1–0.3 m. Alt 70–1930 m. B, LIM, NW, G, M, S, FS, KZN, EC

schizantha Hallier f.*Bonamia schizantha* (Hallier f.) A.Meeuse (1)*Metaporana angolensis* N.E.Br. (1)

Perennial. Shrub. Ht 0.3–1 m. Alt 1000–1200 m. N

suffruticosa (Schinz) Hallier f.*Bonamia suffruticosa* (Schinz) Burtt Davy & R.Pott-Leendertz (1)*Breweria suffruticosa* Schinz (1)

Perennial. Dwarf shrub, herb. Ht 0.1–0.7 m. Alt 100–1350 m. N, B, LIM, NW, G, M, S, NC

STICTOCARDIA Hallier f. 7010000(1) Meeuse & Welman. 2000. *FSA* 28,1: 124–126.**laxiflora** (Baker) Hallier f.*Argyreia laxiflora* Baker (1)*S. laxiflora* (Baker) Hallier f. var. *woodii* (N.E.Br.) Verdc. (1)*laxiflora* (Baker) Hallier f. var. *woodii* (N.E.Br.) Verdc. = **S. laxiflora**

Perennial. Shrub, climber. Ht 1–7 m. Alt 15–45 m. KZN

TURBINA Raf. 7008010*holubii* (Baker) A.Meeuse = **Ipomoea holubii***oblongata* (E.Mey. ex Choisy) A.Meeuse = **Ipomoea oblongata***oenotheroides* (L.f.) A.Meeuse = **Ipomoea oenotheroides***robertsiana* (Rendle) A.Meeuse = **Ipomoea robertsiana***shirensis* (Oliv.) A.Meeuse = **Paralepistemon shirensis***stenosiphon* (Hallier f.) A.Meeuse = **Ipomoea stenosiphon***suffruticosa* (Burch.) A.Meeuse = **Ipomoea suffruticosa****XENOSTEGIA** D.F.Austin & Staples 6997010(1) Meeuse & Welman. 2000. *FSA* 28,1: 63–65.**tridentata** (L.) D.F.Austin & Staples subsp. **angustifolia** (Jacq.) Lejoly & Lisowski*Ipomoea angustifolia* Jacq. (1)*Merremia tridentata* (L.) Hallier f. subsp. *angustifolia* (Jacq.) Ooststr. var. *angustifolia* (1)

Perennial. Herb. Length 0.2–1.2 m. Alt 10–1650 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

CORNACEAE

Compiled by R.H. Archer

CURTISIA Aiton 6156000(1) Cannon. 1978. *FZ* 4: 635–637.(2) Marais. 1985. *Kew Magazine* 2: 368.**dentata** (Burm.f.) C.A.Sm.

Perennial. Tree, shrub. Ht 2–20 m. Alt 60–3050 m. LIM, M, S, KZN, WC, EC

CRASSULACEAE

Compiled by P.M. Burgoyne, *Tylecodon* by P.V. Bruyns**ADROMISCHUS** Lem. 3175000(1) Phillips. 1929. *The Flowering Plants of South Africa* 9: tt. 325, 328.(2) Tölken. 1978. *The Flowering Plants of Africa* 45: t. 1776.(3) Tölken. 1982. *The Flowering Plants of Africa* 47: t. 1849.(4) Tölken. 1985. *FSA* 14: 37–60.(5) Bruyns. 1992. *South African Journal of Botany* 58: 50–55.(6) Pilbeam *et al.* 1998. *The cactus file handbook* 3, *Adromischus*: 1–104.**alstonii** (Schönland & Baker f.) C.A.Sm.*A. pulchellus* Hutchison (4)*A. subrubellus* Poelln. (4)*A. triebneri* Poelln. (6)*Cotyledon alstonii* Schönland & Baker f. (4)

Perennial. Dwarf shrub, succulent. Ht ± 0.15 m, ± 0.25 m when in flower. Alt 600–1300 m. N, NC

alveolatus Hutchison = **A. marianiae** var. **immaculatus***antidorcadum* Poelln. = **A. marianiae** var. **immaculatus**

antidorcatum Airy Shaw = **A. marianiae** var. **immaculatus**

bicolor Hutchison

Perennial. Dwarf shrub, succulent. Ht 0.08–0.12 m. Alt 400–800 m. EC

blosianus Hutchison = **A. marianiae** var. **kubusensis**

bolusii (Schönland) A.Berger = **A. caryophyllaceus**

caryophyllaceus (Burm.f.) Lem.

A. bolusii (Schönland) A.Berger (4)

A. grandiflorus Uitewaal (6)

A. jasminiflorus (Salm-Dyck) Lem. (4)

Cotyledon bolusii Schönland (4)

Cotyledon caryophyllacea Burm.f. (4)

Cotyledon jasminiflora Salm-Dyck (4)

Perennial. Dwarf shrub, succulent. Ht ± 0.1 m, ± 0.35 m when in flower. Alt 150–700 m. WC

casmithianus Poelln. = **A. marianiae** var. **hallii**

clavifolius (Haw.) Lem. = **A. cristatus** var. **clavifolius**

cooperi (Baker) A.Berger (3)

A. cooperi Baker var. *immaculata* Schönland & Baker f. (6)

A. cuneatus Poelln. (6)

A. festivus C.A.Sm. (4)

A. halesowensis Uitewaal (6)

A. pachylophus C.A.Sm. (6)

Cotyledon cooperi Baker var. *immaculata* Schönland & Baker f. (4)

Perennial. Dwarf shrub, succulent. Ht ± 0.1 m, 0.25–0.35 m when in flower. Alt 700–1500 m. WC, EC

cooperi Baker var. *immaculata* Schönland & Baker f. =

A. cooperi

cristatus (Haw.) Lem = **A. cristatus** var. **cristatus**

cristatus (Haw.) Lem. var. **clavifolius** (Haw.) Tölken

A. clavifolius (Haw.) Lem. (6)

A. kesselringianus Poelln. (6)

A. nussbaumerianus (Poelln.) Poelln. (6)

A. poellnitzianus Werderm. (4)

Cotyledon clavifolia Haw. (6)

Cotyledon nussbaumeriana Poelln. (4)

Perennial. Dwarf shrub, succulent. Ht 0.02–0.04 m. Alt 50–500 m. EC

cristatus (Haw.) Lem. var. **cristatus**

A. cristatus (Haw.) Lem. (4)

Cotyledon cristata Haw. (4)

Perennial. Dwarf shrub, succulent. Ht 0.02–0.04 m. Alt 100–1600 m. WC, EC

cristatus (Haw.) Lem. var. **schonlandii** (E.Phillips) Tölken

A. schonlandii (E.Phillips) Poelln. (6)

Cotyledon schonlandii E.Phillips (4)

Perennial. Dwarf shrub, succulent. Ht 0.02–0.04 m. Alt 100–1500 m. EC

cristatus (Haw.) Lem. var. **zeyheri** (Harv.) Tölken

A. zeyheri (Harv.) Poelln. (6)

Cotyledon zeyheri Harv. (4)

Perennial. Dwarf shrub, succulent. Ht 0.04–0.08 m. Alt 50–200 m. KZN, EC

cuneatus Poelln. = **A. cooperi**

cuneatus (Thunb.) Lem. = **Cotyledon cuneata**

diabolicus Tölken

Perennial. Dwarf shrub, succulent. Ht ± 0.01–0.08 m, 0.17–0.23 m when in flower. Alt 200–1150 m. NC

fallax Tölken

Perennial. Dwarf shrub, succulent. Ht ± 0.25 m, ± 0.5 m when in flower. Alt? EC

festivus C.A.Sm. = **A. cooperi**

filicaulis (Eckl. & Zeyh.) C.A.Sm. = **A. filicaulis** subsp. **filicaulis**

filicaulis (Eckl. & Zeyh.) C.A.Sm. subsp. **filicaulis**

A. filicaulis (Eckl. & Zeyh.) C.A.Sm. (4)

A. fragilis Hutchison (6)

A. fragilis Hutchison var. *numeesensis* Hutchison (6)

A. fustiformis (Rolfe) A.Berger (6)

A. kleinioides C.A.Sm. (6)

A. mamillaris (L.f.) Lem. var. *filicaulis* (Eckl. & Zeyh.) H.Jacobsen, illegitimate name (6)

A. mamillaris (L.f.) Lem. var. *fustiformis* (Rolfe) H.Jacobsen, illegitimate name (6)

A. mamillaris (L.f.) Lem. var. *rubra* Poelln. (6)

Cotyledon filicaulis Eckl. & Zeyh. (4)

Cotyledon fustiformis (Rolfe) A.Berger (6)

Perennial. Dwarf shrub, succulent. Ht ± 0.35 m. Alt 600–1500 m. N, NC, WC

filicaulis (Eckl. & Zeyh.) C.A.Sm. subsp. **marlothii** (Schönland) Tölken

A. mamillaris in sense of A.Berger, not of (L.f.) Lem. (6)

A. mamillaris in sense of C.A.Sm., not of (L.f.) Lem. (6)

A. mamillaris in sense of Poelln., not of (L.f.) Lem. (6)

A. mamillaris (L.f.) Lem. var. *marlothii* (Schönland) H.Jacobsen (6)

A. marlothii (Schönland) A.Berger (6)

A. tricolor C.A.Sm. (6)

Cotyledon mammillaris in sense of Harv. in part, not of (L.f.) Lam., misapplied name (4)

Cotyledon marlothii Schönland (4)

Perennial. Dwarf shrub, succulent. Ht ± 0.35 m. Alt 200–1600 m. NC, WC, EC

filicaulis subsp. **marlothii** × **A. maculatus**, putative hybrid (4)

filicaulis subsp. **marlothii** × **A. triflorus**, putative hybrid (4)

fragilis Hutchison = **A. filicaulis** subsp. **filicaulis**

fragilis Hutchison var. *numeesensis* Hutchison = **A. filicaulis** subsp. **filicaulis**

fusiformis (Rolfe) A.Berger = **A. filicaulis** subsp. **filicaulis**

geyeri Hutchison = **A. marianiae** var. **kubusensis**

grandiflorus Uitewaal = **A. caryophyllaceus**

halesowensis Uitewaal = **A. cooperi**

hallii Hutchison = **A. marianiae** var. **hallii**

hemisphaericus (L.) Lem.

A. rotundifolius (Haw.) C.A.Sm. (6)

A. rotundifolius Poelln. (4)

Cotyledon crassifolia Salisb. (6)

Cotyledon hemisphaerica L. (4)

Cotyledon rotundifolia Haw. (4)

Perennial. Dwarf shrub, succulent. Ht ± 0.25 m, 0.35–0.5 m when in flower. Alt 500–1800 m. NC, WC

herrei (W.F.Barker) Poelln. = **A. marianiae** var. **immaculatus**

hoerleinianus (Dinter) Poelln. = **Tylecodon schaeferianus**

hoerleinianus (Dinter) Poelln. var. *schaeferi* Dinter = **Tylecodon schaeferianus**

humilis (Marloth) Poelln.

Cotyledon humilis Marloth (4)

Cotyledon nana Marloth (6)

Perennial. Dwarf shrub, succulent. Ht 0.01–0.02 m. Alt 1000–1900 m. NC, WC

inamoenus Tölken

Cotyledon rhombifolia in sense of Schönland & Baker f., not of Haw., in part (6)

- Perennial. Dwarf shrub, succulent. Ht ± 0.2 m. Alt 400–1200 m. WC, EC
- jasmijniflorus* (Salm-Dyck) Lem. = **A. caryophyllaceus**
- juttiae* Poelln. = **A. schuldianus** subsp. **juttiae**
- keilhackii* Werderm. = **Tylecodon schaeferianus**
- kesselringeanus* Poelln. = **A. cristatus** var. **clavifolius**
- kleinoides* C.A.Sm. = **A. filicaulis** subsp. **filicaulis**
- kubusensis* Uitewaal = **A. marianiae** var. **kubusensis**
- leucophyllus** Uitewaal
- Perennial. Dwarf shrub, succulent. Ht ± 0.1 m, 0.3–0.45 m when in flower. Alt 300–1600 m. WC
- leucothrix* C.A.Sm. = **Tylecodon leucothrix**
- liebenbergii** Hutchison
- Perennial. Dwarf shrub, succulent. Ht ± 0.2 m, 0.35–0.4 m when in flower. Alt 800–1400 m. WC
- maculatus** (Salm-Dyck) Lem. (2)
- A. rhombifolius* in sense of C.A.Sm., not of (Haw.) Lem., misapplied name (4)
- Cotyledon alternans* Haw. (6)
- Cotyledon maculata* Salm-Dyck (4)
- Perennial. Dwarf shrub, succulent. Ht ± 0.15 m, 0.35–0.5 m when in flower. Alt 300–1700 m. WC, EC
- mamillaris* in sense of A.Berger, not of (L.f.) Lem. = **A. filicaulis** subsp. **marlothii**
- mamillaris* in sense of C.A.Sm., not of (L.f.) Lem. = **A. filicaulis** subsp. **marlothii**
- mamillaris* in sense of Poelln., not of (L.f.) Lem. = **A. filicaulis** subsp. **marlothii**
- mammillaris** (L.f.) Lem.
- Cotyledon mammillaris* L.f. (4)
- Perennial. Dwarf shrub, succulent. Ht ± 0.15 m, 0.4–0.5 m when in flower. Alt 250–1200 m. WC
- mamillaris* (L.f.) Lem. var. *filicaulis* (Eckl. & Zeyh.) H.Jacobsen, illegitimate name = **A. filicaulis** subsp. **filicaulis**
- mamillaris* (L.f.) Lem. var. *fusiformis* (Rolfe) H.Jacobsen, illegitimate name = **A. filicaulis** subsp. **filicaulis**
- mamillaris* (L.f.) Lem. var. *marlothii* (Schönland) H.Jacobsen = **A. filicaulis** subsp. **marlothii**
- mamillaris* (L.f.) Lem. var. *rubra* Poelln. = **A. filicaulis** subsp. **filicaulis**
- marianiae* (Marloth) A.Berger forma *alveolatus* (Hutchison) Pilbeam = **A. marianiae** var. **immaculatus**
- marianiae* (Marloth) A.Berger forma *herrei* (W.F.Barker) Pilbeam = **A. marianiae** var. **immaculatus**
- marianiae* (Marloth) A.Berger forma *multicolor* Pilbeam = **A. marianiae** var. **immaculatus**
- marianiae* (Marloth) A.Berger var. *antidorcadum* (Poelln.) Pilbeam = **A. marianiae** var. **immaculatus**
- marianiae** (Marloth) A.Berger var. **hallii** (Hutchison) Tölken
- A. casmithianus* Poelln. (4)
- A. hallii* Hutchison (4)
- Perennial. Dwarf shrub, succulent. Ht 0.02–0.08 m, ± 0.35 m when in flower. Alt 50–300 m. N, NC
- marianiae** (Marloth) A.Berger var. **immaculatus** Uitewaal
- A. alveolatus* Hutchison (4)
- A. antidorcadum* Poelln. (4)
- A. antidorcatum* Airy Shaw (4)
- A. herrei* (W.F.Barker) Poelln. (4)
- A. marianiae* (Marloth) A.Berger forma *alveolatus* (Hutchison) Pilbeam (4)
- A. marianiae* (Marloth) A.Berger forma *herrei* (W.F.Barker) Pilbeam (4)
- A. marianiae* (Marloth) A.Berger forma *multicolor* Pilbeam (4)
- A. marianiae* (Marloth) A.Berger var. *antidorcadum* (Poelln.) Pilbeam (4)
- Cotyledon herrei* W.F.Barker (4)
- Perennial. Dwarf shrub, succulent. Ht 0.02–0.08 m, ± 0.35 m when in flower. Alt 300–1000 m. WC
- marianiae** (Marloth) A.Berger var. **kubusensis** (Uitewaal) Tölken
- A. blosianus* Hutchison (4)
- A. geyeri* Hutchison (4)
- A. kubusensis* Uitewaal (6)
- A. rodinii* Hutchison (4)
- Perennial. Dwarf shrub, succulent. Ht 0.02–0.08 m, ± 0.35 m when in flower. Alt 500–1200 m. N, NC
- marianiae** (Marloth) A.Berger var. **marianiae**
- Cotyledon marianiae* Marloth, as 'marianae' (4)
- Perennial. Dwarf shrub, succulent. Ht 0.02–0.08 m, ± 0.35 m when in flower. Alt 300–1000 m. WC
- marlothii* (Schönland) A.Berger = **A. filicaulis** subsp. **marlothii**
- marlothii**
- maximus** Hutchison
- Perennial. Dwarf shrub, succulent. Ht ± 0.2 m, ± 0.45–0.7 m when in flower. Alt 1000–2000 m. WC
- montium-klingshardtii** (Dinter) A.Berger
- Cotyledon montium-klingshardtii* Dinter (4)
- Perennial. Dwarf shrub, succulent. Ht ± 0.2 m, ± 0.35–0.4 m when in flower. Alt 100–1000 m. N, NC
- mucronatus* (Lam.) Lem. = **Cotyledon orbiculata** var. **orbiculata**
- nanus* in sense of C.A.Sm., not of (N.E.Br.) Poelln., misapplied name = **A. trigynus**
- nanus** (N.E.Br.) Poelln.
- A. pauciflorus* Hutchison (4)
- Cotyledon nana* N.E.Br. (4)
- Perennial. Dwarf shrub, succulent. Ht ± 0.04 m, ± 0.05–0.06 m when in flower. Alt 900–1100 m. NC
- nussbaumerianus* (Poelln.) Poelln. = **A. cristatus** var. **clavifolius**
- pachylophus* C.A.Sm. = **A. cooperi**
- pauciflorus* Hutchison = **A. nanus**
- phillipsiae** (Marloth) Poelln.
- Cotyledon phillipsiae* Marloth (4)
- Perennial. Dwarf shrub, succulent. Ht 0.02–0.05 m, ± 0.22–0.5 m when in flower. Alt 900–1600 m. NC, WC
- poellnitzianus* Werderm. = **A. cristatus** var. **clavifolius**
- procurvus* (N.E.Br.) C.A.Sm. = **A. triflorus**
- pulchellus* Hutchison = **A. alstonii**
- rhombifolius* (Haw.) Lem. (insufficiently known) (4)
- rhombifolius* Haw. var. *bakeri* Poelln. = **A. sphenophyllus**
- rhombifolius* in sense of C.A.Sm., not of (Haw.) Lem., misapplied name = **A. maculatus**
- roaneanus** Uitewaal
- Perennial. Dwarf shrub, succulent. Ht ± 0.25 m, ± 0.28–0.41 m when in flower. Alt 200–2000 m. NC, WC

robustus Lem., species insufficiently known (4)
rodinii Hutchison = **A. marianiae** var. **kubusensis**
rotundifolius (Haw.) C.A.Sm. = **A. hemisphaericus**
rotundifolius Poelln. = **A. hemisphaericus**
rupicola C.A.Sm. = **A. trigynus**
saxicola C.A.Sm. = **A. umbraticola** subsp. **umbraticola**
schaefarianus (Dinter) A.Berger = **Tylecodon schaeferianus**
schaefarianus (Dinter) A.Berger var. *keilhackii* (Werderm.) Poelln. = **Tylecodon schaeferianus**
schonlandii (E.Phillips) Poelln. = **A. cristatus** var. **schonlandii**
schuldtianus (Poelln.) Poelln. = **A. schuldianus** subsp. **schuldianus**
schuldianus (Poelln.) Poelln. subsp. **juttae** (Poelln.) Tölken
A. juttae Poelln. (4)
 Perennial. Dwarf shrub, succulent. Ht 0.04–0.1 m. Alt 1200–2200 m. N
schuldianus (Poelln.) Poelln. subsp. **schuldianus**
A. schuldianus (Poelln.) Poelln. (4)
Cotyledon schuldiana Poelln. (4)
Cotyledon trigyna in sense of Schönland, not of Burch. (4)
 Perennial. Dwarf shrub, succulent. Ht 0.01–0.03 m. Alt 500–2200 m. N
phenophyllus C.A.Sm.
A. rhombifolius Haw. var. *bakeri* Poelln. (6)
Cotyledon rhombifolia in sense of Baker f., not of Haw. (6)
Cotyledon rhombifolia in sense of Schönland & Baker f., not of Haw., in part (5)
 Perennial. Dwarf shrub, succulent. Ht ± 0.2 m, ± 0.4–0.6 m when in flower. Alt 50–1600 m. EC
subcompressus Poelln. in part as to specimen *Lauder s.n.* = **A. triflorus**
subcompressus Poelln. in part as to specimen *Triebner 1330* = **A. trigynus**
subdistichus Makin ex Bruyns
 Perennial. Dwarf shrub, lithophyte, succulent. Ht ± 0.12 m, ± 0.14 m when in flower. Alt 500–2000 m. WC, EC
subpetiolatus Poelln. = **A. triflorus**
subrubellus Poelln. = **A. alstonii**
subviridis Tölken
 Perennial. Dwarf shrub, succulent, scrambler. Ht ± 0.25 m, ± 0.4–0.5 m when in flower. Alt 100–300 m. NC
tricolor C.A.Sm. = **A. filicaulis** subsp. **marlothii**
triebneri Poelln. = **A. alstonii**
triflorus (L.f.) A.Berger
A. procurvus (N.E.Br.) C.A.Sm. (4)
A. subcompressus Poelln., in part as to specimen *Lauder s.n.* (4)
A. subpetiolatus Poelln. (4)
Cotyledon bolusii Schönland var. *karroensis* Schönland (4)
Cotyledon procurva N.E.Br. (4)
Cotyledon triflora L.f. (4)
 Perennial. Dwarf shrub, succulent. Ht ± 0.2 m, ± 0.45–0.55 m when in flower. Alt 50–1800 m. WC
trigynus (Burch.) Poelln.
A. nanus in sense of C.A.Sm., not of (N.E.Br.) Poelln., misapplied name (4)

A. rupicola C.A.Sm. (4)
A. subcompressus Poelln., in part as to specimen *Triebner 1330* (4)
Cotyledon rhombifolia var. *spathulata* N.E.Br. ex Marloth, naked name (4)
Cotyledon trigyna Burch. (4)
 Perennial. Dwarf shrub, lithophyte, succulent. Ht ± 0.2 m, ± 0.45–0.55 m when in flower. Alt 1000–1900 m. N, FS, NC, WC, EC
umbraticola C.A.Sm. = **A. umbraticola** subsp. **umbraticola**
umbraticola C.A.Sm. subsp. **ramosus** Tölken
 Perennial. Dwarf shrub, lithophyte, succulent. Ht ± 0.12 m. Alt 1500–1700 m. LIM, M
umbraticola C.A.Sm. subsp. **umbraticola**
A. saxicola C.A.Sm. (4)
A. umbraticola C.A.Sm. (4)
Cotyledon trigyna in sense of Burt Davy, not of Burch., misapplied name (4)
 Perennial. Dwarf shrub, lithophyte, succulent. Ht ± 0.06 m. Alt 1400–1600 m. NW, G, M
zeyheri (Harv.) Poelln. = **A. cristatus** var. **zeyheri**

***BRYOPHYLLUM** Salisb. 3165000

- (1) Engler & Prantl. 1930. *Die natürlichen Pflanzenfamilien* 18a: 412.
- (2) Tölken. 1985. *FSA* 14: 73, 74.
- (3) Tölken & Leistner. 1986. *The Flowering Plants of Africa* 49: t. 1938.
- (4) Lebrun & Stork. 1992. *Énumération des plantes à fleurs d'Afrique tropicale* 2: 73.
- (5) Phillipson. 1992. *The Flowering Plants of Africa* 52: t. 2050.

delagoense (Eckl. & Zeyh.) Schinz

B. tubiflorum Harv. (2)
Kalanchoe delagoense Eckl. & Zeyh. (2)
Kalanchoe tubiflora Raym.-Hamet (2)
 Perennial. Shrub, succulent. Ht ± 2 m. Alt 20–2000 m. LIM, NW, G, M, S, FS, KZN, NC, WC, EC

tubiflorum Harv. = **Bryophyllum delagoense**

BULLIARDA DC. 3168010

alpina (Eckl. & Zeyh.) Harv. = **Crassula umbellata**
brevifolia Eckl. & Zeyh. = **Crassula decumbens** var. **brachyphylla**
capensis (L.f.) E.Mey. ex Drège = **Crassula natans** var. **natans**
dregei Harv. = **Crassula pellucida** subsp. **brachypetala**
elantinoides Eckl. & Zeyh. = **Crassula elatinoides**
perfoliata (L.f.) DC. = **Crassula inanis**
trichotoma Eckl. & Zeyh. = **Crassula decumbens** var. **decumbens**
vaiillantii (Willd.) DC. = **Crassula vaiillantii**
vaiillantii (Willd.) DC. var. *subulata* Harv. = **Crassula vaiillantii**

COTYLEDON L. 3164000

- (1) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 154.
- (2) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 161.
- (3) Phillips. 1928. *The Flowering Plants of South Africa* 8: t. 289.
- (4) Dyer. 1937. *The Flowering Plants of South Africa* 17: t. 652.
- (5) Phillips. 1938. *The Flowering Plants of South Africa* 18: t. 711.
- (6) Dyer. 1941. *The Flowering Plants of South Africa* 21: t. 808.
- (7) Dyer. 1949. *The Flowering Plants of Africa* 27: t. 1080.
- (8) Tölken. 1983. *The Flowering Plants of Africa* 47: t. 1877.
- (9) Tölken. 1985. *FSA* 14: 3–17.
- (10) Van Jaarsveld & Koutnik. 1997. *Bradleya* 15: 65–72.

acaulon Walther ex Steud., naked name = **C. papillaris**

adscendens R.A.Dyer

Perennial. Shrub, scrambler, succulent. Ht ± 2 m. Alt 0–100 m. EC

alstonii Schönland & Baker f. = **Adromischus alstonii**

alternans Haw. = **Adromischus maculatus**

arborescens Mill. = **Crassula arborescens** subsp. **arborescens**

ausana Dinter = **C. orbiculata** var. **orbiculata**

barbeyi Schweinf. ex Baker

C. sturmiana Poelln. (9)

C. transvaalensis Guillaumet (9)

C. wickensii Schönland (9)

C. wickensii Schönland var. *glandulosa* Poelln. (9)

Perennial. Shrub, succulent. Ht ± 2 m. Alt 200–2000 m. LIM, NW, M, S, KZN

beckeri Schönland & Baker f. = **C. velutina**

bolusii Schönland = **Adromischus caryophyllaceus**

bolusii Schönland var. *karroensis* Schönland = **Adromischus triflorus**

buchholziana Schuldt & Stephens = **Tylecodon buchholzianus** subsp. **buchholzianus**

calalioides in sense of Eckl. & Zeyh., not of Thunb. = **Tylecodon wallichii** subsp. **ecklonianus**

calalioides L.f. = **Tylecodon calalioides**

campanulata Marloth

C. teretifolia Thunb. (9)

Perennial. Dwarf shrub, succulent. Ht ± 0.2 m, 0.35–0.65 m when in flower. Alt 200–1600 m. WC, EC

campanulata × **C. orbiculata** var. **oblonga**, putative hybrid (9)

campanulata × **C. papillaris**, putative hybrid (9)

canaliculata Haw. = **C. orbiculata** L. var. **oblonga**

canalifolia Haw., illegitimate name = **C. orbiculata** L. var. **oblonga**

caryophyllacea Burm.f. = **Adromischus caryophyllaceus**

chloroleuca Dinter ex Friedrich = **Tylecodon racemosus**

clavifolia Haw. = **Adromischus cristatus** var. **clavifolius**

cooperi Baker var. *immaculata* Schönland & Baker f. = **Adromischus cooperi**

coruscans Haw. = **C. orbiculata** var. **oblonga**

crassifolia Haw. = **C. orbiculata** var. **oblonga**

crassifolia Salisb. = **Adromischus hemisphaericus**

cristata Haw. = **Adromischus cristatus** var. **cristatus**

cuneata Thunb.

Adromischus cuneatus (Thunb.) Lem. (9)

C. deasii Schönland, in part (9)

C. pillansii Schönland (9)

C. undulata in sense of Eckl. & Zeyh., not of Haw. (9)

Perennial. Dwarf shrub, succulent. Ht ± 0.3 m, 0.5–0.75 m when in flower. Alt 800–1200 m. NC, WC, EC

cuneata × **C. orbiculata** var. **orbiculata**, putative hybrid (9)

cuneata in sense of Drège, not of Thunb. = **C. papillaris**

cuneiformis Haw. = **C. orbiculata** var. **oblonga**

curviflora Sims = **Tylecodon grandiflorus**

deasii Schönland in part = **C. cuneata**

decussata Sims = **C. orbiculata** var. **orbiculata**

decussata Sims var. *dielsii* Schltr. ex Poelln. = **C. orbiculata** var. **orbiculata**

decussata Sims var. *flavida* (Fourc.) Poelln. = **C. orbiculata** var. **oblonga**

decussata Sims var. *hinrichseniana* H.Jacobsen = **C. orbiculata** var. **orbiculata**

decussata Sims var. *rubra* Poelln. = **C. orbiculata** var. **oblonga**

decussata in sense of Jacot Guill., not of Sims, misapplied name = **C. orbiculata** var. **oblonga**

dichotoma Haw. = **Tylecodon reticulatus** subsp. **reticulatus**

dinteri Baker f. = **Tylecodon wallichii** subsp. **ecklonianus**

eckloniana Harv. = **Tylecodon wallichii** subsp. **ecklonianus**

elata Haw. = **C. orbiculata** var. **orbiculata**

eliseae Van Jaarsv.

Perennial. Dwarf shrub, cremnophyllous succulent. Ht ± 0.2 m, 0.24–0.4 m when in flower. Alt 200–300 m. WC

engleri A.Berger & Dinter = **C. orbiculata** var. **orbiculata**

fascicularis Aiton = **Tylecodon paniculatus**

faucium Poelln. = **Tylecodon faucium**

fergusoniae L.Bolus = **Tylecodon calalioides**

filicaulis Eckl. & Zeyh. = **Adromischus filicaulis** subsp. **filicaulis**

flanaganii Schönland & Baker f. = **C. orbiculata** var. **flanaganii**

flanaganii Schönland & Baker f. var. *karroensis* Schönland & Baker f. = **C. orbiculata** var. **orbiculata**

flavida Fourc. = **C. orbiculata** var. **oblonga**

fragilis R.A.Dyer = **Tylecodon fragilis**

fusififormis (Rolfe) A.Berger = **Adromischus filicaulis** subsp. **filicaulis**

galpinii Schönland & Baker f. = **C. orbiculata** var. **oblonga**

glandulosa N.E.Br. = **C. papillaris**

glutinosa Schönland = **C. papillaris**

gracilis Haw. = **C. papillaris**

gracilis in sense of Harv.; Schönland, not of Haw., misapplied name = **C. papillaris**

grandiflora Burm.f. = **Tylecodon grandiflorus**

hallii Tölken = **Tylecodon hallii**

hemispherica L. = **Adromischus hemisphaericus**

herrei W.F.Barker = **Adromischus marianiae** var. **immaculatus**

heterophylla Schönland = **C. tomentosa** subsp. **ladismithensis**

hirtifolia W.F.Barker = **Tylecodon hirtifolius**

hoerleiniana Dinter = **Tylecodon schaeferianus**
hoerleiniana Dinter var. *schaeferi* Dinter = **Tylecodon schaeferianus**
humilis Marloth = **Adromischus humilis**
jacobseniana Poelln., illegitimate name = **C. papillaris**
jasminiflora Salm-Dyck = **Adromischus caryophyllaceus**
laciniata L. = **Kalanchoe laciniata**
ladismithensis in sense of Boom, not of Poelln. = **C. tomentosa** subsp. **tomentosa**
ladismithensis Poelln. = **C. tomentosa** subsp. **ladismithiensis**
lanceolata Forssk. = **Kalanchoe lanceolata**
leucophylla C.A.Sm. = **C. orbiculata** var. **oblonga**
leucothrix (C.A.Sm.) Fourc. = **Tylecodon leucothrix**
luteosquamata Poelln. = **Tylecodon pearsonii**
macrantha A.Berger var. *virescens* (Schönland & Baker f.) Poelln. = **C. orbiculata** var. **oblonga**
maculata Salm-Dyck = **Adromischus maculatus**
mammilaris in sense of Harv. in part, not of (L.f.) Lam., misapplied name = **Adromischus filicaulis** subsp. **marlothii**
mammilaris L.f. = **Adromischus mammillaris**
marianiae Marloth, as '*marianae*' = **Adromischus marianiae** var. **marianiae**
marlothii Schönland = **Adromischus filicaulis** subsp. **marlothii**
meyeri Harv. = **C. papillaris**
mollis Dinter = **Tylecodon paniculatus**
mollis Schönland = **C. velutina**
montium-klinghardtii Dinter = **Adromischus montium-klinghardtii**
mucronata Lam. = **C. orbiculata** var. **orbiculata**
muirii Schönland = **C. papillaris**
nana Marloth = **Adromischus humilis**
nana N.E.Br. = **Adromischus nanus**
nussbaumeriana Poelln. = **Adromischus cristatus** var. **clavifolius**
obermeyeriana Poelln. = **C. orbiculata** var. **oblonga**
oblonga Haw. = **C. orbiculata** var. **oblonga**
occultans Tölken = **Tylecodon occultans**
orbiculata in sense of Burt Davy, not of L., misapplied name = **C. orbiculata** var. **oblonga**
orbiculata in sense of Harv., not of L. in part = **C. velutina**
orbiculata L. = **C. orbiculata** var. **orbiculata**
orbiculata L. var. *ausana* (Dinter) H.Jacobsen, illegitimate name = **C. orbiculata** var. **orbiculata**
orbiculata L. var. **dactyloopsis** Tölken
 Perennial. Dwarf shrub, succulent. Ht ± 0.25 m, 0.45–0.65 m when in flower. Alt 1100–1600 m. FS, NC, EC
orbiculata L. var. *dinteri* H.Jacobsen = **C. orbiculata** var. **orbiculata**

orbiculata L. var. *elata* (Haw.) DC., illegitimate name = **C. orbiculata** var. **orbiculata**
orbiculata L. var. *engleri* (Dinter & A.Berger) Dinter = **C. orbiculata** var. **orbiculata**
orbiculata L. var. **flanaganii** (Schönland & Baker f.) Tölken
C. flanaganii Schönland & Baker f. (9)
 Perennial. Shrub, succulent. Ht 0.4–0.75, ± 1 m when in flower. Alt 50–500 m. EC
orbiculata L. var. *higginsiae* H.Jacobsen = **C. orbiculata** var. **orbiculata**
orbiculata L. var. *hinrichseniana* H.Jacobsen = **C. orbiculata** var. **orbiculata**
orbiculata L. var. **oblonga** (Haw.) DC.
C. canaliculata Haw. (9)
C. canaliculata Haw., illegitimate name (9)
C. coruscans Haw. (9)
C. crassifolia Haw. (9)
C. cuneiformis Haw. (9)
C. decussata in sense of Jacot Guill., not of Sims, misapplied name (9)
C. decussata Sims var. *flavida* (Fourc.) Poelln. (9)
C. decussata Sims var. *rubra* Poelln. (9)
C. flavida Fourc. (9)
C. galpinii Schönland & Baker f. (9)
C. leucophylla C.A.Sm. (9)
C. macrantha A.Berger var. *virescens* (Schönland & Baker f.) Poelln. (9)
C. obermeyeriana Poelln. (9)
C. oblonga Haw. (9)
C. orbiculata in sense of Burt Davy, not of L., misapplied name (9)
C. rudatisii Poelln. (9)
C. simulans Schönland ex Poelln., naked name (9)
C. simulans Schönland ex Poelln. var. *spathulata* Schönland ex Poelln., naked name (9)
C. undulata Haw. (9)
C. virescens Schönland & Baker f. (9)
C. viridis Haw. (9)
C. whiteae Schönland & Baker f., as '*whitei*' (9)
C. zuluensis Schönland ex Poelln. (9)
 Perennial. Dwarf shrub, succulent. Ht ± 0.8 m, 0.95–1.25 m when in flower. Alt 50–3000 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC
orbiculata L. var. *obovata* DC. = **C. orbiculata** var. **orbiculata**
orbiculata L. var. *oophylla* Dinter = **C. orbiculata** var. **orbiculata**
orbiculata L. var. **orbiculata**
Adromischus mucronatus (Lam.) Lem. (9)
C. ausana Dinter (9)
C. decussata Sims (9)
C. decussata Sims var. *dielsii* Schltr. ex Poelln. (9)
C. decussata Sims var. *hinrichseniana* H.Jacobsen (9)
C. elata Haw. (9)
C. engleri A.Berger & Dinter (9)
C. flanaganii Schönland & Baker f. var. *karroensis* Schönland & Baker f. (9)
C. mucronata Lam. (9)
C. orbiculata L. (9)
C. orbiculata L. var. *ausana* (Dinter) H.Jacobsen, illegitimate name (9)
C. orbiculata L. var. *dinteri* H.Jacobsen (9)
C. orbiculata L. var. *elata* (Haw.) DC., illegitimate name (9)
C. orbiculata L. var. *engleri* (Dinter & A.Berger) Dinter (9)
C. orbiculata L. var. *higginsiae* H.Jacobsen (9)
C. orbiculata L. var. *hinrichseniana* H.Jacobsen (9)
C. orbiculata L. var. *obovata* DC. (9)
C. orbiculata L. var. *oophylla* Dinter (9)
C. orbiculata L. var. *ramosa* (Haw.) DC., illegitimate name (9)
C. orbiculata L. var. *rotundifolia* DC. (9)
C. orbiculata L. var. *viridis* Dinter ex Range (9)
C. ovata in sense of Haw., not of Mill., illegitimate name (9)
C. papillaris in sense of Haw., not of L.f. (9)

- C. papillaris* L.f. var. *tricuspidata* (Haw.) DC. (9)
C. ramosa Haw. in part (9)
C. ramosissima in sense of Mill., not of Haw., illegitimate name (9)
C. tricuspidata Haw. (9)
C. undulata Haw. var. *mucronata* (Lam.) Poelln. (9)
C. undulata in sense of H.Jacobsen, not of Haw. (9)
C. unguolata Lam. (9)
 Perennial. Shrub, succulent. Ht ± 1 m, 1.25–1.45 m when in flower. Alt 50–1800 m. N, NC, WC, EC
- orbiculata* L. var. *ramosa* (Haw.) DC., illegitimate name = ***C. orbiculata* var. orbiculata**
- orbiculata* L. var. *rotundifolia* DC. = ***C. orbiculata* var. orbiculata**
- orbiculata* L. var. spuria** (L.) Tölken
C. purpurea Thunb. (9)
C. spuria L. in part (9)
C. unguolata in sense of Guillaumet, not of Lam. (9)
 Perennial. Shrub, succulent. Ht ± 1 m excluding inflorescence. Alt 50–1000 m. NC, WC, EC
- orbiculata* L. var. *viridis* Dinter ex Range = ***C. orbiculata* L. var. orbiculata**
- orbiculata* var. oblonga** × ***C. campanulata***, putative hybrid (9)
- orbiculata* var. oblonga** × ***C. papillaris***, putative hybrid (9)
- orbiculata* var. oblonga** × ***C. velutina***, putative hybrid (9)
- orbiculata* var. orbiculata** × ***C. cuneata***, putative hybrid (9)
- orbiculata* var. orbiculata** × ***C. orbiculata* var. spuria**, putative hybrid (9)
- orbiculata* var. orbiculata** × ***C. papillaris***, putative hybrid (9)
- ovata* in sense of Haw., not of Mill., illegitimate name = ***C. orbiculata* var. orbiculata**
- ovata* Mill. = ***Crassula ovata***
- paniculata* L.f. = ***Tylecodon paniculatus***
- papillaris* in sense of Haw., not of L.f. = ***C. orbiculata* var. orbiculata**
- papillaris* L.f.**
C. acaulon Walther ex Steud., naked name (9)
C. cuneata in sense of Drège, not of Thunb. (9)
C. glandulosa N.E.Br. (9)
C. glutinosa Schönland (9)
C. gracilis Haw. (9)
C. gracilis in sense of Harv.; Schönland, not of Haw., misapplied name (9)
C. jacobseniana Poelln., illegitimate name (9)
C. meyeri Harv. (9)
C. muirii Schönland (9)
C. papillaris L.f. var. *glutinosa* (Schönland) Poelln. (9)
C. papillaris L.f. var. *robusta* Schönland & Baker f. (9)
C. papillaris L.f. var. *subundulata* Poelln. (9)
C. pseudogracilis Poelln. (9)
C. spuria L. in part (9)
C. teretifolia Lam. (9)
 Perennial. Dwarf shrub, succulent. Ht ± 0.25 m excluding inflorescence. Alt 20–1800 m. N, NC, WC, EC
- papillaris* L.f. var. *glutinosa* (Schönland) Poelln. = ***C. papillaris***
- papillaris* L.f. var. *robusta* Schönland & Baker f. = ***C. papillaris***
- papillaris* L.f. var. *subundulata* Poelln. = ***C. papillaris***
- papillaris* L.f. var. *tricuspidata* (Haw.) DC. = ***C. orbiculata* L. var. orbiculata**
- parvula* Burch. = ***Tylecodon reticulatus* subsp. reticulatus**
- pearsonii* Schönland in part = ***Tylecodon hallii***
- pearsonii* Schönland in part = ***Tylecodon pearsonii***
- phillipsiae* Marloth = ***Adromischus phillipsiae***
- pillansii* Schönland = ***C. cuneata***
- procurva* N.E.Br. = ***Adromischus triflorus***
- pseudogracilis* Poelln. = ***C. papillaris***
- purpurea* in sense of Haw., not of Thunb. = ***Tylecodon grandiflorus***
- purpurea* Thunb. = ***C. orbiculata* var. spuria**
- pygmaea* W.F.Barker = ***Tylecodon pygmaeus***
- pygmaea* W.F.Barker var. *tenuis* Tölken = ***Tylecodon pygmaeus***
- racemosa* E.Mey. ex Harv. in part = ***Tylecodon hallii***
- racemosa* Harv. in part = ***Tylecodon racemosus***
- ramosa* Haw. in part = ***C. orbiculata* var. orbiculata**
- ramosissima* in sense of Haw., not of Mill. var. *woodii* (Schönland & Baker f.) Schönland = ***C. woodii***
- ramosissima* in sense of Mill., not of Haw., illegitimate name = ***C. orbiculata* var. orbiculata**
- ramosissima* Salm-Dyck ex Haw. = ***C. woodii***
- reticulata* L.f. = ***Tylecodon reticulatus* subsp. reticulatus**
- rhombifolia* Haw. (insufficiently known) (9)
- rhombifolia* Haw. var. *spathulata* N.E.Br. ex Marloth, naked name = ***Adromischus trigynus***
- rhombifolia* in sense of Baker f., not of Haw. = ***Adromischus sphenophyllus***
- rhombifolia* in sense of Schönland & Baker f., not of Haw. in part = ***Adromischus inamoenus***
- rhombifolia* in sense of Schönland & Baker f., not of Haw. in part = ***Adromischus sphenophyllus***
- rotundifolia* Haw. = ***Adromischus hemisphaericus***
- rubrovenosa* Dinter = ***Tylecodon rubrovenosus***
- rudatisii* Poelln. = ***C. orbiculata* var. oblonga**
- salmiana* Poelln. var. *woodii* (Schönland & Baker f.) Poelln. = ***C. woodii***
- schaeferi* Dinter, naked name = ***Tylecodon schaeferianus***
- schaeferiana* Dinter = ***Tylecodon schaeferianus***
- schonlandii* E.Phillips = ***Adromischus cristatus* var. schonlandii**
- schuldiana* Poelln. = ***Adromischus schuldianus* subsp. schuldianus**
- similis* Tölken = ***Tylecodon similis***
- simulans* Schönland ex Poelln., naked name = ***C. orbiculata* var. oblonga**
- simulans* Schönland ex Poelln. var. *spathulata* Schönland ex Poelln., naked name = ***C. orbiculata* var. oblonga**
- singularis* R.A.Dyer = ***Tylecodon singularis***
- sinus-alexandri* Poelln. = ***Tylecodon schaeferianus***
- spuria* L. in part = ***C. orbiculata* var. spuria**
- spuria* L. in part = ***Tylecodon paniculatus***

striata Hutchison = **Tylecodon striatus**
sturmiana Poelln. = **C. barbeyi**
sulphurea Tölken = **Tylecodon sulphureus** var. **sulphureus**
swartbergensis Poelln. = **Tylecodon leucothrix**
tardiflora Bonpl. = **Tylecodon paniculatus**
teretifolia Lam. = **C. papillaris**
teretifolia Thunb. = **C. campanulata**
tomentosa Harv. = **C. tomentosa** subsp. **tomentosa**
tomentosa Harv. subsp. **ladismithiensis** (Poelln.) Tölken
C. heterophylla Schönland (9)
C. ladismithiensis Poelln. (9)
 Perennial. Dwarf shrub, lithophyte, succulent. Ht ± 0.5 m, 0.65–0.75 m when in flower. Alt 400–750 m. WC
tomentosa Harv. subsp. **tomentosa**
C. ladismithiensis in sense of Boom, not of Poelln. (9)
C. tomentosa Harv. (9)
 Perennial. Dwarf shrub, succulent. Ht ± 0.5 m, 0.65–0.75 m when in flower. Alt 750–800 m. WC, EC
transvaalensis Guillaumet = **C. barbeyi**
tricuspidata Haw. = **C. orbiculata** L. var. **orbiculata**
triflora L.f. = **Adromischus triflorus**
trigyna Burch. = **Adromischus trigynus**
trigyna in sense of Burtt Davy, not of Burch., misapplied name = **Adromischus umbraticola** subsp. **umbraticola**
trigyna in sense of Schönland, not of Burch. = **Adromischus schuldtianus** subsp. **schuldtianus**
tuberculosa Lam. = **Tylecodon grandiflorus**
undulata Haw. = **C. orbiculata** var. **oblonga**
undulata Haw. var. *mucronata* (Lam.) Poelln. = **C. orbiculata** var. **orbiculata**
undulata in sense of Eckl. & Zeyh., not of Haw. = **C. cuneata**
undulata in sense of H.Jacobsen, not of Haw. = **C. orbiculata** var. **orbiculata**
ungulata in sense of Guillaumet, not of Lam. = **C. orbiculata** var. **spuria**
ungulata Lam. = **C. orbiculata** var. **orbiculata**
velutina Hook.f.
C. beckeri Schönland & Baker f. (9)
C. mollis Schönland (9)
C. orbiculata in sense of Harv., not of L. in part (9)
C. velutina Hook.f. var. *beckeri* (Schönland & Baker f.) Schönland (9)
 Perennial. Shrub, succulent. Ht up to 2 m. Alt 0–900 m. KZN, EC
velutina Hook.f. var. *beckeri* (Schönland & Baker f.) Schönland = **C. velutina**
ventricosa Burm.f. = **Tylecodon ventricosus**
ventricosa Burm.f. var. *alpina* Harv. = **Tylecodon ventricosus**
virescens Schönland & Baker f. = **C. orbiculata** var. **oblonga**
viridiflora Tölken = **Tylecodon viridiflorus**
viridis Haw. = **C. orbiculata** var. **oblonga**
wallichii Harv. = **Tylecodon wallichii** subsp. **wallichii**

whiteae Schönland & Baker f., as 'whitei' = **C. orbiculata** var. **oblonga**
wickensii Schönland = **C. barbeyi**
wickensii Schönland var. *glandulosa* Poelln. = **C. barbeyi**
woodii Schönland & Baker f.
C. ramosissima Haw. var. *woodii* (Schönland & Baker f.) Schönland (9)
C. ramosissima Salm-Dyck ex Haw. (9)
C. salmiana Poelln. var. *woodii* (Schönland & Baker f.) Poelln.
 Perennial. Shrub, succulent. Ht ± 1.2 m. Alt 750–1200 m. WC, EC
zeyheri Harv. = **Adromischus cristatus** var. **zeyheri**
zuluensis Schönland ex Poelln. = **C. orbiculata** var. **oblonga**

CRASSULA L.

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 - (28) Burgoyne & Van Wyk. 1999. *Bothalia* 29: 254, 255.
 - (29) Van Jaarsveld & Van Wyk. 1999. *Aloe* 36: 71–74.
 - (30) Van Jaarsveld & Van Wyk. 2001. *Aloe* 38: 29, 30.
 - (31) Smith et al. 2001. *Curtis's Botanical Magazine* 18: 23–27.
- abyssinica* A.Rich. var. *vaginata* (Eckl. & Zeyh.) Engl. = **C. vaginata** subsp. **vaginata**
acinaciformis Schinz
C. aloides N.E.Br. (23)
C. inaequalis Schönland (23)
 Perennial, occ. annual. Herb, succulent. Ht ± 1.3 m. Alt 500–1700 m. M, S
acuminata E.Mey. ex Drège = **C. flanaganii**
acutifolia in sense of Eckl. & Zeyh., Harv. in part = **C. tetragona** subsp. **lignescens**
acutifolia Lam. = **C. tetragona** subsp. **acutifolia**
acutifolia Lam. var. *densifolia* (Harv.) Schönland = **C. tetragona** subsp. **tetragona**
acutifolia Lam. var. *harveyi* Schönland = **C. tetragona** subsp. **lignescens**
acutifolia Lam. var. *radicans* Harv. = **C. tetragona** subsp. **acutifolia**

acutifolia Lam. var. *typica* Schönland = **C. tetragona** subsp. **acutifolia**

adscendens Thunb. (insufficiently known) (23)

aitonii Britten & Baker f. = **C. cordata**

alba Forssk. = **C. alba** var. **alba**

alba Forssk. var. **alba**

C. alba Forssk. (23)

C. milleriana Burt Davy (23)

C. recurva N.E.Br. (23)

C. rubicunda Drège ex Harv. (23)

C. rubicunda Drège ex Harv. var. *flexuosa* Schönland (23)

C. rubicunda Drège ex Harv. var. *hispida* Schönland (23)

C. rubicunda Drège ex Harv. var. *milleriana* (Burt Davy) Schönland (23)

C. rubicunda Drège ex Harv. var. *rubicunda* R.A.Dyer (23)

C. rubicunda Drège ex Harv. var. *subglabra* Schönland (23)

C. rubicunda Drège ex Harv. var. *typica* Schönland (23)

C. squamulosa in sense of Keissl., not of Schldl. (23)

C. stewartiae Burt Davy (23)

Globulea stricta Drège, as '*Globulia*', naked name (23)

Perennial, occ. annual. Herb, succulent. Ht ± 0.5 m. Alt 100–3000 m. LIM, NW, G, M, S, FS, KZN, L, EC

alba Forssk. var. **pallida** Tölken

Perennial, occ. annual. Herb, succulent. Ht ± 0.5 m. Alt 400–2000 m. M, S

alba Forssk. var. **parvisepala** (Schönland) Tölken

C. atro-sanguinea Beauverd (23)

C. rubicunda Drège ex Harv. var. *lydenburgensis* Schönland (23)

C. rubicunda Drège ex Harv. var. *parvisepala* (Schönland) Schönland (23)

C. rubicunda Drège ex Harv. var. *similis* (Baker f.) Schönland (23)

C. similis Baker f. (23)

C. wilmsii Diels (23)

Perennial, occ. annual. Herb, lithophyte, succulent. Ht ± 0.5 m. Alt 400–1800 m. M, S

alba var. **alba** × **C. vaginata** subsp. **vaginata**, putative hybrid (23)

alba var. **alba** × **C. alba** var. **pallida**, putative hybrid (23)

albanensis Schönland = **C. capitella** subsp. **capitella**

albertinae Schönland = **C. capensis** var. **albertinae**

albicaulis Harv. = **C. expansa** subsp. **expansa**

albicaulis in sense of Friedrich, not of Harv. = **C. expansa** subsp. **pyrifolia**

albiflora Sims = **C. dejecta**

albiflora Sims var. *minor* Schönland = **C. dejecta**

alcicornis Schönland

Perennial. Herb, succulent. Ht 0.06–0.12 m. Alt 200–1000 m. WC

aloides N.E.Br. = **C. acinaciformis** (23)

aloooides Dryand. = **C. hemisphaerica** (23)

alpestris in sense of Drège, not of Thunb. = **C. exilis** subsp. **exilis**

alpestris in sense Harv.; Keissl., not of Thunb., misapplied name = **C. dependens**

alpestris subsp. **alpestris** × **C. alpestris** subsp. **massonii**, putative hybrid (23)

alpestris subsp. **massonii** × **C. columnaris** subsp. **columnaris**, putative hybrid (23)

alpestris Thunb. = **C. alpestris** subsp. **alpestris** (23)

alpestris Thunb. subsp. **alpestris**

C. alpestris Thunb. (23)

Purgosea alpestris (Thunb.) G.Don (23)

Perennial, occ. annual. Herb, lithophyte, succulent. Ht 0.05–0.15 m. Alt 400–800 m. NC, WC

alpestris Thunb. subsp. **massonii** (Britten & Baker f.) Tölken

C. massonii Britten & Baker f. (23)

C. variabilis N.E.Br.

Perennial, occ. annual. Herb, succulent. Ht 0.08–0.25 m. Alt 600–1000 m. WC

alpina (Eckl. & Zeyh.) Walp. = **C. umbellata** (23)

alsinoides Hook.f. = **C. pellucida** subsp. **alsinoides**

alstonii in sense of Range, not of Marloth = **C. elegans** subsp. **namibensis**

alstonii Marloth

C. deltoidea in sense of Schönland, not of Thunb. (23)

Perennial. Herb, succulent. Ht up to 0.08 m, when in flower. Alt 300–800 m. NC

alternifolia L., excluded species (23)

amatolica Schönland = **C. sediflora** var. **amatolica**

ammophila Tölken

Perennial. Herb, succulent, scrambler. Ht ± 0.8 m. Alt 20–100 m. WC

anguina Harv. = **C. muscosa** var. **muscosa**

anomala Schönland & Baker f. = **C. atropurpurea** var. **anomala**

anthurus E.Mey. ex Drège, naked name = **C. perforata**

aphylla Schönland & Baker f.

Rhopalota aphylla (Schönland & Baker f.) N.E.Br. (23)

Annual. Herb, lithophyte, succulent. Ht 0.03–0.06 m. Alt 850–2000 m. WC

arborea L., naked name = **Portulacaria afra**

arborea Med. = **C. arborescens** subsp. **arborescens**

arborescens in sense of Keissl.; Marloth, not of (Mill.) Willd., misapplied name = **C. ovata**

arborescens (Mill.) Willd. = **C. arborescens** subsp. **arborescens**

arborescens (Mill.) Willd. subsp. **arborescens**

C. arborea Med. (23)

C. arborescens (Mill.) Willd. (23)

C. cotyledon Jacq. (23)

C. cotyledonifolia Salisb. (23)

Cotyledon arborescens Mill. (23)

Perennial. Shrub, succulent. Ht 1–2 m. Alt 500–1600 m. WC

arborescens (Mill.) Willd. subsp. **undulatifolia** Tölken

Perennial. Shrub, succulent. Ht 1–2 m. Alt 600–1000 m. EC

archeri Compton = **C. pyramidalis**

arenicola Tölken = **C. cymosa**

argentea Thunb. = **C. ovata**

argyrophylla Diels ex Schönland & Baker f. = **C. swaziensis**

argyrophylla Diels ex Schönland & Baker f. var. *ramosa* in sense of Herre; H.Jacobsen, not of Schönland = **C. sericea** var. **sericea**

argyrophylla Diels ex Schönland & Baker f. var. *ramosa* Schönland = **C. swaziensis**

argyrophylla Diels ex Schönland & Baker f. var. *swaziensis* (Schönland) Schönland = **C. swaziensis**

- aristata* Schönland = **C. bergioides**
- arta* in sense of H.Jacobsen; Friedrich; Higgins, not of Schönland = **C. plegmatoides**
- arta* Schönland = **C. deceptor**
- articulata* Zuccagni = **C. ovata**
- atropurpurea* (Haw.) D.Dietr. = **C. atropurpurea** var. **atropurpurea**
- atropurpurea** (Haw.) D.Dietr. var. **anomala** (Schönland & Baker f.) Tölken
C. anomala Schönland & Baker f. (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.6 m. Alt 1000–2000 m. WC
- atropurpurea** (Haw.) D.Dietr. var. **atropurpurea**
C. atropurpurea (Haw.) D.Dietr. (23)
C. clavifolia Harv. (23)
C. micrantha Schönland (23)
C. obliqua Haw. (23)
C. smutsii Schönland (23)
Globulea atropurpurea Haw. (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.6 m. Alt 100–2000 m. WC, EC
- atropurpurea** (Haw.) D.Dietr. var. **cultriformis** (Friedrich) Tölken
C. cultriformis Friedrich (23)
C. cultriformis Friedrich var. *robusta* Friedrich (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.6 m. Alt 50–600 m. N, NC
- atropurpurea** (Haw.) D.Dietr. var. **muirii** (Schönland) R.Fern.
C. atropurpurea (Haw.) D.Dietr. var. *rubella* (Compton) Tölken (27)
C. clavifolia Harv. var. *muirii* Schönland (23)
C. rubella Compton (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.6 m. Alt 1100–1700 m. NC, WC
- atropurpurea** (Haw.) D.Dietr. var. **purcellii** (Schönland) Tölken
C. purcellii Schönland (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.6 m. Alt 1400–2000 m. WC, EC
- atropurpurea* (Haw.) D.Dietr. var. *rubella* (Compton) Tölken = **C. atropurpurea** var. **muirii**
- atropurpurea** (Haw.) D.Dietr. var. **watermeyerii** (Compton) Tölken
C. gifbergensis Friedrich (23)
C. sericea in sense of Schönland (1912), not of Schönland (1910) (23)
C. watermeyerii Compton (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.6 m. Alt 1000–1700 m. NC, WC
- atropurpurea** var. **anomala** × **C. nudicaulis** var. **nudicaulis**, putative hybrid (23)
- atropurpurea** var. **anomala** × var. **muirii**, putative hybrid (23)
- atropurpurea** var. **atropurpurea** × var. **muirii**, putative hybrid (23)
- atropurpurea** var. **cultriformis** × var. **watermeyerii**, putative hybrid (23)
- atropurpurea** var. **purcellii** × var. **watermeyerii**, putative hybrid (23)
- atropurpurea** var. **watermeyerii** × **C. tomentosa**, putative hybrid (23)
- atro-sanguinea* Beauverd = **C. alba** var. **parvisepala**
- aurosensis* Dinter = **C. exilis** subsp. **sedifolia**
- aurusbergensis** G.Will. (35)
Perennial. Herb, succulent. Ht ± 0.02 m. Alt 900–1050 m. N
- ausensis* Hutchison = **C. ausensis** subsp. **ausensis**
- ausensis** Hutchison subsp. **ausensis**
C. ausensis Hutchison (23)
C. hofmeyriana Dinter (23)
C. karasana Friedrich (23)
C. littlewoodii Friedrich (23)
Perennial. Herb, succulent. Ht ± 0.6 m. Alt 900–2000 m. N
- ausensis** Hutchison subsp. **giessii** (Friedrich) Tölken
C. giessii Friedrich (23)
Perennial. Herb, succulent. Ht ± 0.6 m. Alt 1400–1700 m. N
- ausensis** Hutchison subsp. **titanopsis** Pavelka
Perennial. Herb, lithophyte, succulent. Ht ± 0.15 m. Alt 1100–1250 m. N
- avismontana* Dinter = **C. capitella** subsp. **nodulosa**
- badspoortense** Van Jaarsv.
Perennial. Herb, cremnophyte, succulent. Ht ± 0.1 m. Alt 300–500 m. WC
- bakeri* Schönland = **C. grisea**
- barbata* Thunb. = **C. barbata** subsp. **barbata**
- barbata** Thunb. subsp. **barbata**
C. barbata Thunb. (23)
C. lettyae Phillips (23)
C. turrita in sense of Jacq., not of Thunb. (23)
Purgosea barbata (Thunb.) G.Don, as ‘*Purgosia*’ (23)
Biennial. Herb, succulent. Ht ± 0.3 m. Alt 1000–1800 m. WC
- barbata** Thunb. subsp. **broomii** (Schönland) Tölken
C. broomii Schönland (23)
Annual or biennial. Herb, succulent. Ht ± 0.3 m. Alt 1200–1800 m. NC
- barklyana* Schönland = **C. setulosa** var. **rubra**
- barklyi* in sense of Friedrich, not of N.E.Br. = **C. columnaris** subsp. **prolifera**
- barklyi** N.E.Br.
C. teres Marloth (23)
Perennial. Herb, succulent. Ht 0.05–0.09 m. Alt 50–500 m. NC, WC
- bartlettii* Schönland = **C. capensis** var. **albertinae**
- basutica* Schönland = **C. dependens**
- bergioides** Harv.
C. aristata Schönland (23)
C. pusilla Schönland (23)
Annual. Herb, succulent. Ht 0.02–0.06 m. Alt 200–900 m. WC
- bibracteata* Haw. = **C. tetragona** subsp. **acutifolia**
- bibracteata* in sense of Eckl. & Zeyh., not of Haw. = **C. tetragona** subsp. **tetragona**
- biconvexa* (Eckl. & Zeyh.) Harv. = **C. pubescens** subsp. **pubescens**
- biconvexa* Haw. = **C. fascicularis**
- biplanata** Haw.
C. fruticulosa in sense of Harv., not of L., misapplied name (23)
C. punctulata Schönland & Baker f.
Perennial. Dwarf shrub, succulent. Ht 0.15–0.3 m. Alt 100–600 m. WC, EC
- biplanata* in sense of Eckl. & Zeyh., not of Haw. = **C. tetragona** subsp. **tetragona**

biplanata × *C. ericoides* subsp. *ericoides*, putative hybrid (23)

bloubergensis R.A.Dyer = *C. setulosa* var. *setulosa*

bolusii Hook. = *C. exilis* subsp. *cooperi*

brachypetala Drège ex Harv. = *C. pellucida* subsp. **brachypetala**

brachyphylla Adamson = *C. decumbens* var. **brachyphylla**

brachystachya Tölken

Perennial. Herb, succulent. Ht 0.1–0.2 m. Alt 1300–2000 m. WC, EC

brevifolia (Eckl. & Zeyh.) Schönland, not of Harv., illegitimate name = *C. decumbens* var. **brachyphylla**

brevifolia Harv. = *C. brevifolia* subsp. *brevifolia*

brevifolia Harv. subsp. *brevifolia*

C. brevifolia Harv. (23)

C. flagillima Dinter (23)

C. flavovirens Pillans (23)

C. montis-draconis Dinter (23)

C. pearsonii Schönland (23)

Perennial. Dwarf shrub, succulent. Ht ± 0.5 m. Alt 20–1700 m. N, NC, WC

brevifolia Harv. subsp. **psammophila** Tölken

Perennial. Dwarf shrub, succulent. Ht ± 0.2 m. Alt 20–300 m. NC

brevifolia in sense of Higgins; Friedrich, not of Harv. =

C. rupestris subsp. **commutata**

brevistyla Baker f. = *C. capitella* subsp. *meyeri*

broomii Schönland = *C. barbata* subsp. *broomii*

browniana Burt Davy = *C. expansa* subsp. *fragilis*

bullulata Haw. = *C. flava*

burmanniana (Eckl. & Zeyh.) D.Dietr. = *C. flava*

caerulata J.F.Gmel. = *C. crenulata*

caffra L. (insufficiently known) (23)

campestris (Eckl. & Zeyh.) Endl. ex Walp.

C. campestris (Eckl. & Zeyh.) Endl. ex Walp. forma *compacta* Schönland (23)

C. campestris (Eckl. & Zeyh.) Endl. ex Walp. forma *laxa* Schönland (23)

Sedum campestre (Eckl. & Zeyh.) Kuntze (23)

Annual. Herb, succulent. Ht ± 0.1 m. Alt 100–1700 m. N, NW, FS, NC, WC, EC

campestris (Eckl. & Zeyh.) Endl. ex Walp. forma *compacta* Schönland = **C. campestris**

campestris (Eckl. & Zeyh.) Endl. ex Walp. forma *laxa* Schönland = **C. campestris**

campestris (Eckl. & Zeyh.) Endl. ex Walp. subsp. *pharnaceoides* (Fisch. & C.A.Mey.) Tölken = **C. rhodesica**

campestris (Eckl. & Zeyh.) Endl. ex Walp. subsp. *rhodesica* (Merxm.) R.Fern. = **C. rhodesica**

canescens (Haw.) Schult. = *C. nudicaulis* var. **nudicaulis**

canescens (Haw.) Schult. var. *angustifolia* (Eckl. & Zeyh.) Harv. = *C. nudicaulis* var. **nudicaulis**

canescens in sense of Harv., not of (Haw.) Schult., misapplied name = **C. cotyledonis**

canescens in sense of Haw. var. *latifolia* Harv., misapplied name = **C. cotyledonis**

capensis (L.) Baill. = **C. capensis** var. **capensis**

capensis (L.) Baill. var. *albertinae* (Schönland) Tölken

C. albertinae Schönland (23)

C. bartlettii Schönland (23)

Perennial. Herb, succulent. Ht 0.05–0.2 m. Alt 200–400 m. WC

capensis (L.) Baill. var. **capensis**

C. capensis (L.) Baill. (23)

C. globifera (Sims) Spreng. (23)

C. saxifraga in sense of Hook., not of Harv. (23)

C. septas Thunb. (23)

C. septas Thunb. var. *leipoldtii* Schönland (23)

Septas capensis L. (23)

Septas globifera Sims, as ‘*globiflora*’ (23)

Perennial. Herb, succulent. Ht 0.05–0.2 m. Alt 200–600 m. WC

capensis (L.) Baill. var. **promontorii** (Schönland & Baker f.) Tölken

C. promontorii Schönland & Baker f. (23)

Perennial. Herb, succulent. Ht 0.05–0.2 m. Alt 700–1000 m. WC

capensis var. **capensis** × *C. dentata*, putative hybrid (23)

capillacea E.Mey. ex Drège in part = **C. filiformis**

capillacea E.Mey. ex Drège in part, naked name = **C. glomerata**

capitata Lam. = **C. subulata** var. **subulata**

capitata Lodd. = **C. fascicularis**

capitella in sense of Drège, not of Thunb. = **C. capitella** subsp. *meyeri*

capitella subsp. *thyrsiflora* × *C. exilis* subsp. *cooperi*, putative hybrid (23)

capitella Thunb. = **C. capitella** subsp. **capitella**

capitella Thunb. subsp. **capitella**

C. albanensis Schönland (23)

C. capitella Thunb. (23)

C. hemisphaerica Thunb. var. *recurva* Schönland (23)

C. impressa (Haw.) D.Dietr. (23)

C. paniculata (Haw.) D.Dietr. (23)

C. rufo-punctata Schönland (23)

C. spicata Thunb. (23)

C. subbifaria Schönland (23)

C. thyrsiflora in sense of Drège, not of Thunb. (23)

C. turrita in sense of Harv.; Schönland, not of Thunb., misapplied name (23)

C. turrita Thunb. var. *latifolia* Harv. (23)

Globulea impressa Haw. (23)

Globulea impressa Haw. var. *minor* Haw. (23)

Globulea paniculata Haw. (23)

Purgosea alooides (Dryand.) Haw. (23)

Purgosea capitella (Thunb.) Sweet, as ‘*capitellata*’ (23)

Purgosea spicata (Thunb.) G.Don (23)

Purgosea turrita (Thunb.) Sweet in part

Purgosea turrita (Thunb.) Sweet var. *alba* Sweet in part (23)

Sedum corymbulosum (Link & Otto) Kuntze in part (23)

Biennial. Herb, succulent. Ht ± 0.4 m. Alt 50–1700 m. FS, WC, EC

capitella Thunb. subsp. *enantiophylla* (Baker f.) Tölken = **C. capitella** subsp. **nodulosa**

capitella Thunb. subsp. *meyeri* (Harv.) Tölken

C. brevistyla Baker f. (23)

C. capitella in sense of Drège, not of Thunb. (23)

C. capitellata in sense of Drège, not of Thunb. (23)

C. meyeri Harv. (23)

C. natalensis Schönland var. *mosii* Schönland (23)

Perennial. Herb, succulent. Ht ± 0.4 m. Alt 0–550 m. KZN

capitella Thunb. subsp. **nodulosa** (Schönland) Tölken

C. avimontana Dinter (23)

C. capitella Thunb. subsp. *enantiophylla* (Baker f.) Tölken (23)

C. elata N.E.Br. (23)

C. enantiophylla Baker f. (23)

C. guchabensis Merxm. (23)

C. nodulosa Schönland (23)

C. pectinata Conrath (23)

Perennial. Herb, succulent. Ht 0.1–0.8 m. Alt 800–2200 m. N, LIM, G, M, NC

capitella Thunb. subsp. **sessilicymula** (Mogg) Tölken

C. sessilicymula Mogg (23)

Perennial. Herb, succulent. Ht ± 0.4 m. Alt 20–200 m. LIM, G

capitella Thunb. subsp. **thyrsiflora** (Thunb.) Tölken

Aloe pertusa Haw. (23)

C. corymbulosa Link & Otto (23)

C. corymbulosa Link & Otto var. *cordata* Schönland (23)

C. corymbulosa Link & Otto var. *lanceolata* Schönland (23)

C. corymbulosa Link & Otto var. *major* Schönland (23)

C. corymbulosa Link & Otto var. *typica* Schönland (23)

C. luederitzii in sense of Friedrich, not of Schönland (23)

C. nuda Compton (23)

C. rhodogyna Friedrich (23)

C. thyrsiflora Thunb. (23)

C. triebneri Schönland (23)

C. turrita Thunb. (23)

C. turrita Thunb. var. *rosea* Haw. (23)

Purgosea alooides in sense of Eckl. & Zeyh., as '*Pyrgosea alooides*', not of (Dryand.) Haw. (23)

Purgosea corymbulosa (Link & Otto) Sweet

Purgosea pertusa (Haw.) Haw. (23)

Purgosea pertusula Haw. (23)

Purgosea thyrsiflora (Thunb.) Sweet (23)

Purgosea turrita (Thunb.) Sweet in part, naked name (23)

Purgosea turrita (Thunb.) Sweet var. *alba* Sweet in part (23)

Sedum corymbulosum (Link & Otto) Kuntze in part (23)

Perennial. Herb, succulent. Ht ± 0.4 m. Alt 50–1900 m. N, FS, KZN, NC, WC, EC

capitellata in sense of Drège, not of Thunb. = **C. capitella** subsp. **meyeri**

centauroides in sense of Aiton; Sims; Eckl. & Zeyh.; Drège; Harv., not of L., misapplied name = **C. pellucida** subsp. **pellucida**

centauroides in sense of Thunb., not of L., misapplied name = **C. pellucida** subsp. **marginalis**

centauroides L. = **C. strigosa**

centauroides L. var. *marginalis* (Dryand.) Harv. = **C. pellucida** subsp. **marginalis**

cephalophora in sense of Schönland in part, excluding type, not of Thunb. = **C. cotyledonis**

cephalophora Thunb. = **C. nudicaulis** var. **nudicaulis**

cephalophora Thunb. var. *basutica* Schönland = **C. nudicaulis** var. **nudicaulis**

cephalophora Thunb. var. *dubia* (Schönland) Schönland = **C. cotyledonis**

cephalophora Thunb. var. *tayloriae* (Schönland) Schönland = **C. cotyledonis**

cephalophora Thunb. var. *thunbergii* Schönland = **C. nudicaulis** var. **nudicaulis**

chloraeflora (Haw.) D.Dietr. = **C. dichotoma**

ciliata L.

Purgosea ciliata (L.) Sweet (23)

Sedum ciliatum (L.) Kuntze (23)

Perennial. Dwarf shrub, succulent. Ht ± 0.2 m. Alt 20–300 m. WC, EC

ciliata L. var. *acutifolia* E.Mey. ex Drège = **C. vaginata** subsp. **vaginata**

cinerea Friedrich (insufficiently known) (23)

clavata N.E.Br.

Perennial. Dwarf shrub, succulent. Ht ± 0.2 m. Alt 300–1000 m. NC, WC, EC

clavifolia Harv. = **C. atropurpurea** var. **atropurpurea**

clavifolia Harv. var. *muirii* Schönland = **C. atropurpurea** var. **muirii**

coccinea L.

C. versicolor Burch. ex Ker Gawl. (23)

Dietrichia coccinea (L.) Tratt (23)

Dietrichia versicolor (Ker Gawl.) Eckl. & Zeyh. (23)

Kalosanthes coccinea (L.) Haw. (23)

Kalosanthes coccinea (L.) Haw. var. *alba* Haw. (23)

Kalosanthes versicolor (Ker Gawl.) Haw. (23)

Larochea coccinea (L.) Pers. (23)

Rochea coccinea (L.) DC. (23)

Rochea versicolor (Ker Gawl.) Link (23)

Perennial. Dwarf shrub, succulent. Ht ± 0.6 m. Alt 0–700 m. WC

coerulescens Schönland = **C. nemorosa**

cogmansensis (Kuntze) K.Schum. = **C. subaphylla** var. **subaphylla**

columnella Marloth & Schönland

Perennial. Herb, succulent. Ht ± 0.15 m. Alt 30–400 m. NC

columnaris in sense of H.Jacobsen; Friedrich, not of Thunb., misapplied name = **C. columnaris** subsp. **prolifera**

columnaris Thunb. = **C. columnaris** subsp. **columnaris**

columnaris Thunb. subsp. **columnaris**

C. columnaris Thunb. (23)

C. mitrata Friedrich (23)

Perennial, occ. annual. Herb, succulent. Ht ± 0.01 m. Alt 1000–1700 m. NC, WC, EC

columnaris Thunb. subsp. **prolifera** Friedrich

C. barklyi in sense of Friedrich, not of N.E.Br. (23)

C. columnaris in sense of H.Jacobsen; Friedrich, not of Thunb., misapplied name (23)

C. columnaris Thunb. var. *elongata* E.Mey. ex Drège (23)

C. semiorbicularis Eckl. & Zeyh. (23)

Perennial, occ. annual. Herb, succulent. Ht ± 0.01 m. Alt 20–1700 m. N, NC, WC

columnaris Thunb. var. *elongata* E.Mey. ex Drège = **C. columnaris** subsp. **prolifera**

commutata Friedrich = **C. rupestris** subsp. **commutata**

compacta Schönland

C. compacta Schönland var. *eliator* Baker f. (23)

C. massonoides Diels (23)

C. mosii Schönland (23)

Perennial, occ. annual. Herb, succulent. Ht ± 0.2 m. Alt 1400–2000 m. G, M, FS

compacta Schönland var. *eliator* Baker f. = **C. compacta**

comptonii Hutchison & Pillans = **C. namaquensis** subsp. **comptonii**

concinella Haw. (insufficiently known) (23)

concinna Haw. (insufficiently known) (23)

confusa Schönland & Baker f. = **C. nemorosa**

congesta N.E.Br. = **C. congesta** subsp. **congesta**

congesta N.E.Br. subsp. **congesta***C. congesta* N.E.Br. (23)*C. pachyphylla* Schönland (23)

Biennial. Herb, succulent. Ht 0.05–0.2 m. Alt 1000–1600 m. WC, EC

congesta N.E.Br. subsp. **laticephala** (Schönland) Tölken*C. laticephala* Schönland (23)

Biennial. Herb, succulent. Ht 0.05–0.1 m. Alt 400–700 m. WC, EC

conjuncta N.E.Br. = **C. perforata***connivens* Schönland = **C. tetragona** subsp. **connivens**
conspicua Haw. = **C. tomentosa** var. **tomentosa***cooperi* in sense of Schönland, not of Regel = **C. exilis** subsp. **sedifolia***cooperi* Regel = **C. exilis** subsp. **cooperi***corallina* in sense of Higgins; H.Jacobsen; Friedrich, not of Thunb., misapplied name = **C. corallina** subsp. **macrorrhiza***corallina* Thunb. = **C. corallina** subsp. **corallina****corallina** Thunb. subsp. **corallina***C. corallina* (23)*C. dasphylla* Harv. (23)

Perennial. Herb, succulent. Ht ± 0.08 m. Alt 200–1700 m. N, NW, FS, NC, WC, EC

corallina Thunb. subsp. **macrorrhiza** Tölken*C. corallina* in sense of Higgins; H.Jacobsen; Friedrich, not of Thunb., misapplied name (23)

Perennial. Herb, succulent. Ht ± 0.08 m. Alt 400–1000 m. N, NC

cordata in sense of Drège, not of Thunb. = **C. nemorosa***cordata* in sense of Lodd., not of Thunb. = **C. spatulata****cordata** Thunb.*C. aitonii* Britten & Baker f. (23)*C. glauca* Schönland (23)*C. neglecta* Schult. (23)*C. perfossa* in sense of Drège, not of Lam. (23)

Perennial. Herb, succulent. Ht ± 0.3 m. Alt 100–500 m. KZN, EC

cornuta Schönland & Baker f. = **C. deceptor***corpusculariopsis* Boom = **C. elegans** subsp. **elegans***corymbulosa* Link & Otto = **C. capitella** subsp. **thyrsiflora***corymbulosa* Link & Otto var. *cordata* Schönland = **C. capitella** subsp. **thyrsiflora***corymbulosa* Link & Otto var. *lanceolata* Schönland = **C. capitella** subsp. **thyrsiflora***corymbulosa* Link & Otto var. *major* Schönland = **C. capitella** subsp. **thyrsiflora***corymbulosa* Link & Otto var. *typica* Schönland = **C. capitella** subsp. **thyrsiflora***cotyledon* Jacq. = **C. arborescens** subsp. **arborescens***cotyledonifolia* Salisb. = **C. arborescens** subsp. **arborescens****cotyledonis** Thunb.*C. canescens* in sense of Harv., not of (Haw.) Schult., misapplied name (23)*C. canescens* in sense of Harv. var. *latifolia* Harv., misapplied name (23)*C. cephalophora* in sense of Schönland in part, excluding type, not of Thunb. (23)*C. cephalophora* Thunb. var. *dubia* (Schönland) Schönland (23)*C. cephalophora* Thunb. var. *tayloriae* (Schönland) Schönland (23)*C. dubia* Schönland (23)*C. rehmannii* Baker f. (23)*C. tayloriae* Schönland (23)*Globulea obvallata* in sense of Eckl. & Zeyh., not of (L.) Haw. (23)*Purgosea cotyledonis* (Thunb.) Sweet (23)

Perennial. Herb, succulent. Ht ± 0.2 m, 0.35–0.65 m when in flower. Alt 50–1800 m. N, NC, WC, EC

crassiflora (Kuntze) K.Schum. = **C. vaginata** subsp. **vaginata****cremnophila** Van Jaarsv. & A.E.van Wyk

Perennial. Herb, cremnophyte, succulent. Ht ± 0.025 m. Alt 100–700 m. EC

crenatifolia Baker f. = **C. umbraticola****crenulata** Thunb.*C. caerulea* J.F.Gmel. (23)*C. telephioides* Haw. (23)*Purgosea crenulata* (Thunb.) G.Don (23)

Perennial. Herb, succulent. Ht ± 0.4 m. Alt 50–1900 m. KZN, L, EC

cultrata L.*C. cultrata* L. var. *typica* Schönland (23)*C. torquata* Baker f. (23)*Globulea cultrata* (L.) Haw. (23)

Perennial. Shrub, succulent. Ht ± 0.8 m. Alt 50–1600 m. KZN, EC

cultrata L. var. *typica* Schönland = **C. cultrata****cultrata** × **C. nudicaulis** var. **nudicaulis**, putative hybrid (23)*cultriformis* Friedrich = **C. atropurpurea** var. **cultriformis***cultriformis* Friedrich var. *robusta* Friedrich = **C. atropurpurea** var. **cultriformis***curta* N.E.Br. = **C. setulosa** var. **rubra***curta* N.E.Br. var. *rubra* N.E.Br. = **C. setulosa** var. **rubra***cyclophylla* Schönland & Baker f. = **C. spatulata***cylindrica* Schönland = **C. pyramidalis****cymbiformis** Tölken

Perennial. Dwarf shrub, succulent. Ht ± 0.2 m. Alt 1000–1750 m. LIM

cymosa in sense of Thunb., not of P.J.Bergius = **C. flava****cymosa** P.J.Bergius*C. arenicola* Tölken (23)*C. subulata* in sense of Eckl. & Zeyh., not of L. (23)*Larochea cymosa* (P.J.Bergius) Haw. in part (23)*Rochea cymosa* (P.J.Bergius) DC. in part (23)*Sedum cymosum* (P.J.Bergius) Kuntze (23)

Perennial. Dwarf shrub, succulent. Ht ± 0.25 m. Alt 50–1000 m. WC

dasyphylla Harv. = **C. corallina** subsp. **corallina***debilis* Thunb. = **C. thunbergiana** subsp. **thunbergiana****deceptor** Schönland & Baker f.*C. arta* Schönland (23)*C. cornuta* Schönland & Baker f. (23)*C. deceptrix* Schönland (23)*C. deltoidea* in sense of Harv., not of Thunb., misapplied name (23)

Perennial. Herb, succulent. Ht ± 0.08 m, 0.1–0.16 m when in flower. Alt 50–400 m. N, NC

deceptrix Schönland = **C. deceptor****decidua** Schönland

Perennial. Herb, succulent. Ht ± 0.06 m. Alt 500–1200 m. EC

decipiens N.E.Br. = **C. tecta**

decumbens Thunb. = **C. decumbens** var. **decumbens**

decumbens Thunb. var. **brachyphylla** (Adamson) Tölken

Bulliarda brevifolia Eckl. & Zeyh. (23)

C. brachyphylla Adamson (23)

C. brevifolia (Eckl. & Zeyh.) Schönland, not of Harv., illegitimate name (23)

Tillaea brevifolia (Eckl. & Zeyh.) Walp. (23)

Annual. Herb, succulent. Ht 0.04–0.12 m. Alt 50–1000 m. WC, NC

decumbens Thunb. var. **decumbens**

Bulliarda trichotoma Eckl. & Zeyh. (23)

C. decumbens Thunb. (23)

C. langebaanensis Schönland (23)

C. leipoldtii Schönland & Baker f. (23)

C. macrantha (Hook.f.) Diels & E.Pritz. (23)

Tillaea trichotoma (Eckl. & Zeyh.) Walp. (23)

Annual. Herb, succulent. Ht 0.04–0.12 m. Alt 200–1500 m. WC, NC

decumbens (Willd.) Harv., not of Thunb., illegitimate name = **C. thunbergiana** subsp. **thunbergiana**

dejecta Jacq.

C. albiflora Sims (23)

C. albiflora Sims var. *minor* Schönland (23)

C. obvallata in sense of Thunb., not of L. (23)

C. undata Haw. (23)

C. undulata Haw. (23)

Curtogyne albiflora (Sims) Eckl. & Zeyh. (23)

Curtogyne dejecta (Jacq.) DC. (23)

Curtogyne undosa Haw. (23)

Curtogyne undata (Haw.) Haw. (23)

Curtogyne undulata (Haw.) Haw. (23)

Rochea albiflora (Sims) DC. (23)

Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 400–800 m. NC, WC

deltoidea in sense of Harv., not of Thunb., misapplied name = **C. deceptor**

deltoidea in sense of Schönland & Baker f., not of Thunb. = **C. plegmatoides**

deltoidea in sense of Schönland, not of Thunb. = **C. alstonii**

deltoidea Thunb.

C. rhomboidea N.E.Br. (23)

Perennial. Herb, succulent. Ht ± 0.08 m. Alt 200–500 m. N, NC, WC, EC

deminuta Diels = **C. setulosa** var. **deminuta**

densa N.E.Br. = **C. elegans** subsp. **elegans**

densifolia Harv. = **C. tetragona** subsp. **tetragona**

dentata Thunb.

C. dentata Thunb. var. *minor* Harv. (23)

C. dielsii Schönland (23)

C. marlothii Schönland (23)

C. minima Thunb. (23)

C. petrogeton Endl. ex Walp. (23)

C. patens (Eckl. & Zeyh.) Endl. & Walp. (23)

Petrogeton patens Eckl. & Zeyh. (23)

Petrogeton typicum Eckl. & Zeyh. (23)

Petrogeton typicum Eckl. & Zeyh. var. *minus* Eckl. & Zeyh. (23)

Purgosea dentata (Thunb.) G.Don (23)

Purgosea minima (Thunb.) G.Don (23)

Perennial. Herb, succulent. Ht 0.01–0.2 m. Alt 200–1400 m. WC

dentata Thunb. var. *minor* Harv. = **C. dentata**

dependens Bolus

C. alpestris in sense of Harv.; Keissl., not of Thunb., misapplied name (23)

C. basutica Schönland (23)

C. griquaensis Schönland (23)

C. harveyi Britten & Baker f. (23)

C. harveyi Britten & Baker f. var. *dependens* (Bolus) Schönland (23)

C. harveyi Britten & Baker f. var. *intermedia* Schönland (23)

C. harveyi Britten & Baker f. var. *typica* Schönland (23)

C. laxa Schönland (23)

C. montis-moltkei Dinter (23)

Perennial. Dwarf shrub, succulent. Ht ± 0.2 m. Alt 800–3000 m. N, M, FS, KZN, L, NC, WC, EC

depressa (Eckl. & Zeyh.) Tölken

C. ecklonii D.Dietr.

Grammanthes depressa Eckl. & Zeyh.

Grammanthes gentianoides (Lam.) DC. var. *depressa* (Eckl. & Zeyh.) Harv. (23)

Annual. Dwarf shrub, herb. Ht ± 0.05 m. Alt 20–500 m. WC

dewinteri Friedrich in part = **C. pubescens** subsp. **pubescens**

dewinteri Friedrich in part = **C. sericea** var. **sericea**

diabolica N.E.Br. = **C. pellucida** subsp. **brachypetala**

diaphana Drège ex Harv. = **C. strigosa**

dichotoma in sense of L.f., not of L. = **C. pellucida** subsp. **pellucida**

dichotoma L.

C. chloraeflora (Haw.) D.Dietr. (23)

C. gentianoides Lam. (23)

C. retroflexa Thunb. (23)

Grammanthes chloraeflora (Haw.) DC. (23)

Grammanthes chloraeflora (Haw.) DC. var. *caesia* Hook.f. (23)

Grammanthes gentianoides (Lam.) DC. (23)

Grammanthes gentianoides (Lam.) DC. var. *caesia* Hook.f. (23)

Grammanthes gentianoides (Lam.) DC. var. *chloraeflora* (Haw.) Harv. (23)

Grammanthes gentianoides (Lam.) DC. var. *vera* Harv. (23)

Grammanthes retroflexa (Thunb.) Sweet (23)

Vauanthes chloraeflora Haw. (23)

Vauanthes dichotoma (L.) Kuntze (23)

Annual. Herb, succulent. Ht 0.05–0.25 m. Alt 50–1500 m. NC, WC

dielsii Schönland = **C. dentata**

diffusa Dryand., species insufficiently known (23)

dinteri Schönland = **C. elegans** subsp. **elegans**

divaricata Eckl. & Zeyh. = **C. muricata**

divaricata in sense of Schönland & Baker f., not of Eckl. & Zeyh., misapplied name = **C. whiteheadii**

dodii Schönland & Baker f.

Annual. Herb, succulent. Ht 0.01–0.05 m. Alt 100–600 m. WC

drakensbergensis Schönland = **C. vaginata** subsp. **vaginata**

dregeana Harv. = **C. obovata** var. **dregeana**

dregei (Harv.) Schönland = **C. pellucida** subsp. **brachypetala**

dubia Schönland = **C. cotyledonis**

ecklonii D.Dietr. = **C. depressa**

eendoornensis Dinter = **C. tomentosa** var. **glabrifolia**

elata N.E.Br. = **C. capitella** subsp. **nodulosa**

elatinoides (Eckl. & Zeyh.) Friedrich

Bulliarda elatinoides Eckl. & Zeyh. (23)

Tillaea elatinoides (Eckl. & Zeyh.) Walp. (23)

Annual. Herb, succulent. Ht ± 0.06 m. Alt 1050–1085 m. WC

elegans Schönland & Baker f. = **C. elegans** subsp. **elegans**

elegans Schönland & Baker f. subsp. **elegans**

- C. corpusculariopsis* Boom (23)
C. densa N.E.Br. (23)
C. dinteri Schönland (23)
C. elegans Schönland & Baker f. (23)
C. globosa N.E.Br. (23)
C. humilis N.E.Br. (23)
C. liquiritiodora Dinter (23)
C. mesembrianthoides Schönland & Baker f. (23)
C. schoenlandii H.Jacobsen (23)

Perennial. Herb, succulent. Ht ± 0.08 m. Alt 20–1800 m. N, NC

elegans Schönland & Baker f. subsp. **namibensis** (Friedrich) Tölken

- C. alstonii* in sense of Range, not of Marloth (23)
C. mesembryanthemoides Dinter & A.Berger (23)
C. namibensis Friedrich (23)

Perennial. Herb, succulent. Ht ± 0.08 m. Alt 20–300 m. N

elongata Schönland = **C. pellucida** subsp. **brachypetala** **elsieae** Tölken

Perennial. Herb, succulent. Ht ± 0.1 m. Alt 1000–1500 m. WC

enantiophylla Baker f. = **C. capitella** subsp. **nodulosa****engleri** Schönland = **C. montana** subsp. **montana****ericoides** Haw. = **C. ericoides** subsp. **ericoides****ericoides** Haw. subsp. **ericoides**

- C. ericoides* Haw. (23)
C. furcata (Eckl. & Zeyh.) Endl. ex Walp. (23)
C. jacobseniana Poelln. (23)
Tetraphyle furcata Eckl. & Zeyh. (23)

Perennial. Dwarf shrub, succulent. Ht 0.15–0.4 m. Alt 20–1000 m. KZN, WC, EC

ericoides Haw. subsp. **tortuosa** Tölken

- C. ericoides* Haw. subsp. *tortuosa* Tölken, as '*torulosa*' (23)

Perennial. Dwarf shrub, succulent. Ht 0.15–0.4 m. Alt 800–1200 m. WC, EC

ericoides Haw. subsp. **tortuosa** Tölken, as '*torulosa*' = **C. ericoides** subsp. **tortuosa****ernestii** Schönland & Baker f. = **C. lanuginosa** var. **pachystemon****erosula** N.E.Br. in part = **C. subacaulis** subsp. **erosula****exilis** Harv. = **C. exilis** subsp. **exilis****exilis** Harv. subsp. **cooperi** (Regel) Tölken

- C. bolusii* Hook. (23)
C. cooperi Regel (23)
C. picturata in sense of Boom, not of Friedrich (23)
Sedum regelii Kuntze (23)

Perennial, occ. annual. Herb, succulent. Ht ± 0.1 m. Alt 900–1500 m. EC

exilis Harv. subsp. **exilis**

- C. alpestris* in sense of Drège, not of Thunb. (23)
C. exilis Harv. (23)
C. petraea Schönland (23)

Perennial, occ. annual. Herb, succulent. Ht ± 0.1 m. Alt 900–1100 m. NC

exilis Harv. subsp. **sedifolia** (N.E.Br.) Tölken

- C. aurosensis* Dinter (23)
C. cooperi in sense of Schönland, not of Regel (23)
C. picturata in sense of Friedrich, not of Boom, misapplied name (23)
C. sedifolia N.E.Br. (23)

Perennial, occ. annual. Herb, succulent. Ht ± 0.1 m. Alt 500–900 m. N, NC

exilis in sense of Keissl., not of Harv. = **C. setulosa** var. **rubra****expansa** Dryand. = **C. expansa** subsp. **expansa****expansa** Dryand. subsp. **expansa**

- C. albicaulis* Harv. (23)
C. expansa Dryand. (23)
C. parviflora E.Mey. ex Drège (23)
C. peploides in sense of Schönland, not of Harv. (23)
C. prostratum Thunb. (23)
Sedum expansum (Dryand. in Aiton) Kuntze (23)

Perennial. Herb, succulent. Ht ± 0.2 m. Alt 50–2000 m. LIM, NW, G, M, S, FS, KZN, NC, WC, EC

expansa Dryand. subsp. **filicaulis** (Haw.) Tölken

- C. filicaulis* Haw. (23)
C. maritima Schönland (23)
C. uniflora Schönland (23)

Perennial. Herb, succulent. Ht ± 0.2 m. Alt 20–600 m. WC, EC

expansa Dryand. subsp. **fragilis** (Baker) Tölken

- C. browniana* Burt Davy (23)
C. fragilis Baker (23)
C. furcata in sense of Schönland, not of (Eckl. & Zeyh.) Endl. & Walp., misapplied name (23)
C. thorncroftii Burt Davy (23)
C. woodii Schönland (23)

Perennial, occ. annual. Herb, succulent. Ht ± 0.25 m. Alt 50–1800 m. LIM, G, M, S, KZN, EC

expansa Dryand. subsp. **peculiaris** Tölken = **C. peculiaris****expansa** Dryand. subsp. **pyrifolia** (Compton) Tölken

- C. albicaulis* in sense of Friedrich, not of Harv. (23)
C. pyrifolia Compton (23)

Perennial. Herb, succulent. Ht ± 0.4 m. Alt 50–500 m. N, NC, WC

falcata J.C.Wendl. = **C. perfoliata** var. **minor****fallax** Friedrich

- Curtogyne dejecta* in sense of Eckl., not of (Jacq.) DC., misapplied name (23)

Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 20–400 m. WC

fallax × **C. scabra**, putative hybrid (23)**falx** Linding = **C. perfoliata** var. **minor****fascicularis** Lam.

- C. biconvexa* Haw. (23)
C. capitata Lodd. (23)
C. media (Haw.) D.Dietr. (23)
C. odoratissima Andrews (23)
C. subulata in sense of P.J.Bergius; Thunb., not of L., misapplied name (23)

Dietrichia bicolor (Haw.) Eckl. & Zeyh. (23)

Dietrichia media (Haw.) Eckl. & Zeyh. (23)

Dietrichia odoratissima (Andrews) Tratt. ex Eckl. & Zeyh. (23)

Kalosanthes bicolor Haw. (23)

Kalosanthes biconvexa (Haw.) Haw. (23)

Kalosanthes capitata (Lodd.) Sweet (23)

Kalosanthes cymosa (P.J.Bergius) Haw. (23)

Kalosanthes fascicularis (Lam.) G.Don (23)

Kalosanthes media Haw. (23)

Kalosanthes odoratissima (Andrews) Haw. (23)

Kalosanthes odoratissima (Andrews) Haw. var. *alba* (DC.) G.Don (23)

Larochea cymosa (P.J.Bergius) Haw. in part (23)

Larochea fascicularis (Lam.) Schult. (23)

Larochea odoratissima (Andrews) Haw. (23)

Larochea odoratissima (Andrews) Haw. var. *bicolor* (Haw.) DC. (23)

Larochea tiniflora Lem. (23)

Rochea bicolor (Haw.) Steud. (23)

Rochea biconvexa (Haw.) DC. (23)

Rochea fascicularis (Lam.) DC. (23)

Rochea media (Haw.) DC. (23)

Rochea odoratissima (Andrews) Link (23)

Rochea odoratissima (Andrews) Link var. *alba* DC. (23)

Rochea odoratissima (Andrews) Link var. *bicolor* (Haw.) DC. (23)

- Rochea subulata* (L.) Adamson (23)
Rochea versicolor in sense of Harv. in part, not of (Ker Gawl.) Link, misapplied name (23)
 Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 50–1200 m. WC
- fastigiata* Schönland = *C. subulata* var. **fastigiata**
- fergusoniae* Schönland = *C. pubescens* subsp. **pubescens**
- fergusoniae* Schönland forma *major* Schönland = *C. pubescens* subsp. **pubescens**
- filamentosa* Schönland = *C. lanceolata* subsp. **lanceolata**
- filicaulis* Haw. = *C. expansa* subsp. **filicaulis**
- filiformis** (Eckl. & Zeyh.) D.Dietr.
C. capillacea E.Mey. ex Drège, in part (23)
Dinacria filiformis (Eckl. & Zeyh.) Harv. (23)
Grammanthes filiformis Eckl. & Zeyh. (23)
 Annual. Herb, succulent. Ht ± 0.1 m. Alt 20–200 m. WC, EC
- flabellifolia* Harv. = *C. umbella*
- flagillima* Dinter = *C. brevifolia* subsp. **brevifolia**
- flanaganii** Schönland & Baker f.
C. acuminata E.Mey. ex Drège (23)
 Perennial. Herb, succulent. Ht ± 0.2 m. Alt 50–900 m. KZN, EC
- flava** L.
C. bullulata Haw. (23)
C. burmanniana (Eckl. & Zeyh.) D.Dietr. (23)
C. cymosa in sense of Thunb., not of P.J.Bergius (23)
C. virgata in sense of E.Mey. ex Drège, not of Harv., naked name (23)
Curtogyne burmanniana Eckl. & Zeyh. (23)
Curtogyne flava (L.) Eckl. & Zeyh. (23)
Kalosanthes flava (L.) Sweet (23)
Larochea flava (L.) Haw. (23)
Rochea flava (L.) DC. (23)
Sedum flavum (L.) Kuntze (23)
Sedum flavum (L.) Kuntze var. *brevifolium* Kuntze (23)
Sedum flavum (L.) Kuntze var. *lorifolium* Kuntze (23)
 Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 20–500 m. WC
- flavovirens* Pillans = *C. brevifolia* subsp. **brevifolia**
- fragilis* Baker = *C. expansa* subsp. **fragilis**
- fragilis* Schönland = *C. pubescens* subsp. **pubescens**
- fruticulosa* in sense of Harv., not of L., misapplied name = **C. biplanata**
- fruticulosa* in sense of Keissl., not of L. = **C. sarco-caulis** subsp. **rupicola**
- fruticulosa* L. (insufficiently known) (23)
- furcata* (Eckl. & Zeyh.) Endl. ex Walp. = **C. ericoides** subsp. **ericoides**
- furcata* in sense of Schönland, not of (Eckl. & Zeyh.) Endl. & Walp., misapplied name = **C. expansa** subsp. **fragilis**
- fusca** Herre
 Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 800–1090 m. N, NC
- galpinii* Schönland = **C. peploides**
- garibina* Marloth & Schönland = **C. garibina** subsp. **garibina**
- garibina** Marloth & Schönland subsp. **garibina**
C. garibina Marloth & Schönland (23)
- Perennial. Dwarf shrub, succulent. Ht ± 0.25 m. Alt 500–800 m. N, NC
- garibina** Marloth & Schönland subsp. **glabra** Tölken
 Perennial. Dwarf shrub, succulent. Ht ± 0.25 m. Alt 900–1300 m. NC
- gemmifera** Friedrich
 Perennial. Herb, succulent. Ht ± 0.07 m. Alt 1000–3200 m. FS, KZN, L, EC
- gentianoides* Lam. = **C. dichotoma**
- giessii* Friedrich = **C. ausensis** subsp. **giessii**
- gifbergensis* Friedrich = **C. atropurpurea** var. **watermeyeri**
- gillii* Schönland = **C. montana** subsp. **quadrangularis**
- glabra* Haw. = **C. glomerata**
- glabrifolia* Harv. = **C. tomentosa** var. **glabrifolia**
- glauca* Schönland = **C. cordata**
- globosa* N.E.Br. = **C. elegans** subsp. **elegans**
- globifera* (Sims) Spreng. = **C. capensis** var. **capensis**
- globosa* N.E.Br. = **C. elegans** subsp. **elegans**
- globularioides* Britten subsp. *argyrophylla* (Schönland & Baker f.) Tölken = **C. swaziensis**
- glomerata** P.J.Bergius
C. capillacea E.Mey. ex Drège in part, naked name (23)
C. glabra Haw. (23)
C. glomerata P.J.Bergius var. *patens* Eckl. & Zeyh. (23)
C. scleranthoides Burm.f. (23)
Dasystemon calycina DC. in part (23)
 Annual. Herb, succulent. Ht ± 0.15 m. Alt 50–800 m. NC, WC
- glomerata* P.J.Bergius var. *patens* Eckl. & Zeyh. = **C. glomerata**
- grammanthoides** (Schönland) Tölken
Dinacria grammanthoides Schönland (23)
 Annual. Herb, succulent. Ht ± 0.05 m. Alt 200–400 m. WC
- griquaensis* Schönland = **C. dependens**
- grisea** Schönland
C. bakeri Schönland (23)
C. ihlenfeldtii Friedrich (23)
 Perennial. Herb, succulent. Ht ± 0.2 m. Alt 50–400 m. N, NC
- guchabensis* Merxm. = **C. capitella** subsp. **nodulosa**
- guilelmi-trollii* Stopp = **C. hirsuta**
- hallii* Adcock, illegitimate name = **C. sericea** var. **sericea**
- harveyi* Britten & Baker f. = **C. dependens**
- harveyi* Britten & Baker f. var. *dependens* (Bolus) Schönland = **C. dependens**
- harveyi* Britten & Baker f. var. *intermedia* Schönland = **C. dependens**
- harveyi* Britten & Baker f. var. *typica* Schönland = **C. dependens**
- hemisphaerica* in sense of Drège, not of Thunb. = **C. montana** subsp. **quadrangularis**
- hemisphaerica** Thunb.
C. alooides Dryand. (23)
C. hemisphaerica Thunb. var. *foliosa* Schönland (23)
C. hemisphaerica Thunb. var. *typica* Schönland (23)
Purgosea hemisphaerica (Thunb.) G.Don (23)

- Perennial. Herb, succulent. Ht ± 0.15 m. Alt 500–1000 m. WC, EC
- hemisphaerica* Thunb. var. *foliosa* Schönland = **C. hemisphaerica**
- hemisphaerica* Thunb. var. *recurva* Schönland = **C. capitella** subsp. **capitella**
- hemisphaerica* Thunb. var. *typica* Schönland = **C. hemisphaerica**
- herrei* Friedrich = **C. nudicaulis** var. **herrei**
- heterotricha* Schinz = **C. perfoliata** var. **heterotricha**
- hirsuta** Schönland & Baker f.
C. *guilemi-trollii* Stopp (23)
Annual. Herb, succulent. Ht ± 0.06 m. Alt 50–1600 m. NC, WC, EC
- hirta* Thunb. = **C. nudicaulis** var. **nudicaulis**
- hirta* Thunb. var. *dyeri* Schönland = **C. nudicaulis** var. **nudicaulis**
- hirtipes** Harv.
C. *hystrix* Schönland (23)
Perennial. Herb, succulent. Ht ± 0.15 m. Alt 50–500 m. NC, WC
- hirtipes** × **C. subaphylla** var. **virgata**, putative hybrid (23)
- hispida* (Haw.) D.Dietr. = **C. mesembryanthoides** subsp. **hispida**
- hispida* in sense of Schönland & Baker f., not of (Haw.) D.Dietr., misapplied name = **C. subulata** var. **hispida**
- hofmeyariana* Dinter = **C. ausensis** subsp. **ausensis**
- hottentotta* Marloth & Schönland = **C. sericea** var. **hottentotta**
- humilis* N.E.Br. = **C. elegans** subsp. **elegans**
- hystrix* Schönland = **C. hirtipes**
- ihlenfeldtii* Friedrich = **C. grisea**
- imbricata* Burm.f. = **C. muscosa** var. **muscosa**
- impressa* (Haw.) D.Dietr. = **C. capitella** subsp. **capitella**
- impressa* N.E.Br. (insufficiently known) (23)
- inaequalis* Schönland = **C. acinaciformis**
- inamoena* N.E.Br. = **C. subacaulis** subsp. **erosula**
- inandensis** Schönland & Baker f.
C. *wyliei* Schönland (23)
Perennial. Herb, succulent, scrambler. Ht ± 0.4 m. Alt 500–550 m. KZN, EC
- inanis** Thunb.
Bulliarda perfoliata (L.f.) DC. (23)
Helophytum inane (Thunb.) Eckl. & Zeyh. (23)
Helophytum inane (Thunb.) Eckl. & Zeyh. var. *latifolium* Eckl. & Zeyh. (23)
Tillaea inanis (Thunb.) Steud. (23)
Tillaea perfoliata L.f. (23)
Tillaea perfoliata L.f. var. *latifolium* (Eckl. & Zeyh.) Walp. (23)
Perennial, occ. annual. Herb, hydrophyte, succulent. Ht ± 0.3 m. Alt 50–3000 m. M, FS, KZN, L, WC, EC
- incana* (Eckl. & Zeyh.) Harv. = **C. subaphylla** var. **subaphylla**
- inchangensis* Engl. = **C. obovata** var. **obovata**
- intermedia** Schönland
Perennial. Herb, succulent. Ht ± 0.2 m when in flower. Alt 0–500 m. EC
- interrupta* Drège ex Harv., naked name = **C. tomentosa** var. **glabrifolia**
- interrupta* Drège ex Harv. var. *glabrifolia* (Harv.) Schönland = **C. tomentosa** var. **glabrifolia**
- involutrata* Schönland = **C. pellucida** subsp. **brachy-petala**
- jacobseniana* Poelln. = **C. ericoides** subsp. **ericoides**
- jasminiana* Haw. ex Sims = **C. obtusa**
- johannis-winkleri* Lindling. = **C. perfoliata** var. **coccinea**
- karasana* Friedrich = **C. ausensis** subsp. **ausensis**
- klingshardtensis* Schönland = **C. sericea** var. **sericea**
- lactea** Sol.
Perennial. Succulent, scrambler. Ht ± 0.4 m. Alt 50–800 m. KZN, WC, EC
- lambertiana* Schönland & Baker f. = **C. oblanceolata**
- lanceolata* (Eckl. & Zeyh.) Endl. ex Walp. = **C. lanceolata** subsp. **lanceolata**
- lanceolata** (Eckl. & Zeyh.) Endl. ex Walp. subsp. **denticulata** (Brenan) Tölken
C. *pentandra* Royle ex Edgew. var. *denticulata* Brenan (23)
C. *schimperi* Fisch. & C.A.Mey. var. *denticulata* (Brenan) R.Fern. (23)
C. *schimperi* Fisch. & C.A.Mey. var. *lanceolata* (Eckl. & Zeyh.) Tölken in part (23)
Perennial. Herb, succulent. Ht ± 0.1 m. Alt 800–2200 m. LIM
- lanceolata** (Eckl. & Zeyh.) Endl. ex Walp. subsp. **lanceolata**
C. *filamentosa* Schönland (23)
C. *lanceolata* (Eckl. & Zeyh.) Endl. ex Walp. (23)
C. *muscosa* in sense of Harv., not of L., misapplied name (23)
C. *parvula* in sense of Schönland; Adamson; Jacot Guill., not of (Eckl. & Zeyh.) Endl. ex Walp. (23)
C. *schimperi* Fisch. & C.A.Mey. forma *filamentosa* (Schönland) R.Fern. (23)
C. *schimperi* Fisch. & C.A.Mey. var. *illecebroides* (Welw. ex Hiern) G.D.Rowley (23)
C. *schimperi* Fisch. & C.A.Mey. var. *lanceolata* (Eckl. & Zeyh.) Tölken in part (23)
Sedum muscosum (L.) Kuntze in part (23)
Tetraphyle lanceolata Eckl. & Zeyh. (23)
Tetraphyle muscosa (L.) Eckl. & Zeyh. in part (23)
Perennial. Herb, succulent. Ht ± 0.1 m. Alt 50–3500 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- lanceolata** (Eckl. & Zeyh.) Endl. ex Walp. subsp. **transvaalensis** (Kuntze) Tölken
C. *schimperi* Fisch. & C.A.Mey. forma *transvaalensis* (Kuntze) R.Fern. (23)
C. *schimperi* Fisch. & C.A.Mey. subsp. *transvaalensis* (Kuntze) R.Fern. (23)
C. *schimperi* Fisch. & C.A.Mey. var. *schimperi* in part (23)
C. *schimperi* Fisch. & C.A.Mey. var. *transvaalensis* (Kuntze) R.Fern. (23)
C. *selago* Dinter (23)
C. *subulata* in sense of (Hook.f.) Harv., not of L., misapplied name (23)
C. *transvaalensis* (Kuntze) K.Schum. (23)
Sedum transvaalense Kuntze, as ‘*transvalense*’ (23)
Tillaea subulata (Hook.f.) Britten
Perennial. Herb, succulent. Ht ± 0.15 m. Alt 200–3500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC
- langebaanensis* Schönland = **C. decumbens** var. **decumbens**
- lanuginosa* Harv. = **C. lanuginosa** var. **lanuginosa**

lanuginosa Harv. var. **lanuginosa***C. lanuginosa* Harv. (23)*C. strigosa* in sense of E.Mey. ex Drège, not of L. (23)

Perennial. Herb, succulent. Ht ± 0.15 m. Alt 1000–3500 m. L, EC

lanuginosa Harv. var. **pachystemon** (Schönland & Baker f.) Tölken*C. ernestii* Schönland & Baker f. (23)*C. pachystemon* Schönland & Baker f. (23)

Perennial. Herb, succulent. Ht ± 0.15 m. Alt 50–1800 m. KZN, EC

lasiantha Drège ex Harv.

Perennial. Herb, succulent. Ht ± 0.15 m, prostrate branches up to 0.2 m. Alt 1200–2100 m. WC

latibracteata Tölken

Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 600–850 m. EC

laticephala Schönland = **C. congesta** subsp. **laticephala****latispathulata** Schönland & Baker f. = **C. spathulata****laxa** Schönland = **C. dependens****leipoldtii** Schönland & Baker f. = **C. decumbens** var. **decumbens****lettyae** E.Phillips = **C. barbata** subsp. **barbata****levynsiae** Adamson = **C. natans** var. **natans****lignosa** Burt Davy = **C. sarcocaulis** subsp. **sarcocaulis****limosa** Schönland = **C. papillosa****lineolata** Dryand. = **C. pellucida** subsp. **marginalis****lineolata** forma *gracilis* Schönland in sense of Schönland, not of Dryand. = **C. pellucida** subsp. **brachypetala****lineolata** forma *magna* Schönland in sense of Schönland, not of Dryand. = **C. pellucida** subsp. **brachypetala****lineolata** forma *natalensis* Schönland in sense of Schönland, not of Dryand. = **C. pellucida** subsp. **brachypetala****lineolata** in sense of Schönland, not of Dryand. = **C. pellucida** subsp. **brachypetala****lineolata** var. *petiolata* Schönland in sense of Schönland, not of Dryand. = **C. pellucida** subsp. **brachypetala****lineolata** var. *pilosa* Schönland in sense of Schönland, not of Dryand. = **C. pellucida** subsp. **brachypetala****linguifolia** Haw. = **C. tomentosa** var. **tomentosa****liquiritiodora** Dinter = **C. elegans** subsp. **elegans****littlewoodii** Friedrich = **C. ausensis** subsp. **ausensis****littoralis** (Eckl. & Zeyh.) Endl. ex Walp. = **C. muscosa** var. **muscosa****loganiana** Compton = **C. subaphylla** var. **subaphylla****longistyla** Schönland = **C. obovata** var. **dregeana****loriformis** Schönland & Baker f. = **C. umbella****lucens** Gram = **C. ovata****lucida** Lam. = **C. spathulata****luederitzii** Schönland

Perennial. Herb, succulent. Ht ± 0.15 m. Alt 1000–1500 m. N

luederitzii in sense of Friedrich, not of Schönland = **C. capitella** subsp. **thyrsoiflora****lutea** (Schönland) Friedrich = **C. namaquensis** subsp. **lutea****lycopodioides** Lam. = **C. muscosa** var. **muscosa****lycopodioides** Lam. var. *obtusifolia* Harv. = **C. muscosa** var. **obtusifolia****lycopodioides** Lam. var. *polypodacea* (Eckl. & Zeyh.) Harv. = **C. muscosa** var. **polypodacea****lycopodioides** Lam. var. *pseudolycopodioides* (Dinter) Walther ex H.Jacobsen = **C. muscosa** var. **muscosa****macowaniana** Schönland & Baker f.*C. macowaniana* Schönland & Baker f. var. *crassifolia* Schönland (23)*C. ramosa* in sense of Eckl. & Zeyh.; Harv., not of Thunb., misapplied name (23)*Rochea perfoliata* (L.) DC. var. *glabberima* E.Mey. ex Drège, naked name (23)

Perennial. Shrub, lithophyte, succulent. Ht 0.15–1.2 m. Alt 500–2200 m. N, NC, WC

macowaniana Schönland & Baker f. var. *crassifolia* Schönland = **C. macowaniana****macowanii** Scott-Elliot = **C. tetragona** subsp. **acutifolia****macrantha** (Hook.f.) Diels & E.Pritz. = **C. decumbens** var. **decumbens****maputensis** R.Fern.

Perennial. Shrub, succulent. Ht 0.1–0.2 m. Alt 50–100 m. KZN

marchandii Friedrich (insufficiently known) (23)**margaritifera** (Eckl. & Zeyh.) Harv. = **C. mollis****marginalis** Dryand. = **C. pellucida** subsp. **marginalis****marginata** Thunb. = **C. pellucida** subsp. **pellucida****maritima** Schönland = **C. expansa** subsp. **filicaulis****marlothii** Schönland = **C. dentata****marnieriana** Huber & H.Jacobsen = **C. rupestris** subsp. **marnieriana****massonii** Britten & Baker f. = **C. alpestris** subsp. **massonii****massonoides** Diels = **C. compacta****media** (Haw.) D.Dietr. = **C. fascicularis****merxmulleri** Friedrich = **C. sericea** var. **hottentotta****mesembrianthemopsis** Dinter

Perennial. Herb, succulent. Ht ± 0.03 m. Alt 100–1000 m. N, NC

mesembrianthoides Schönland & Baker f. = **C. elegans** subsp. **elegans****mesembryanthemoides** Dinter & A.Berger = **C. elegans** subsp. **namibensis****mesembryanthoides** (Haw.) D.Dietr. = **C. mesembryanthoides** subsp. **mesembryanthoides****mesembryanthoides** (Haw.) D.Dietr. subsp. **hispida** (Haw.) Tölken*C. hispida* (Haw.) D.Dietr. (23)*Globulea hispida* Haw. (23)*Sphaeritis paucifolia* Eckl. & Zeyh. (23)

Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 50–1200 m. EC

mesembryanthoides (Haw.) D.Dietr. subsp. **mesembryanthoides***C. mesembryanthoides* (Haw.) D.Dietr. (23)*C. trachysantha* (Eckl. & Zeyh.) Harv. (23)*Globulea mesembryanthoides* Haw. (23)*Sphaeritis trachysantha* Eckl. & Zeyh. (23)

Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 50–1500 m. EC

meyeri Harv. = **C. capitella** subsp. **meyeri***micrantha* Schönland = **C. atropurpurea** var. **atropurpurea***milfordiae* Byles = **C. setulosa** var. **rubra***milleriana* Burt Davy = **C. alba** var. **alba***minima* in sense of Eckl. & Zeyh., not of Thunb. = **C. pellucida** subsp. **pellucida***minima* Thunb. = **C. dentata****minuta** Tölken

Annual. Herb, succulent. Ht 0.01–0.03 m. Alt 1000–2200 m. NC, WC

minutiflora Schönland & Baker f. = **C. thunbergiana** subsp. **minutiflora***mitrata* Friedrich = **C. columnaris** subsp. **columnaris****mollis** Thunb.*C. margaritifera* (Eckl. & Zeyh.) Harv. (23)*C. subincana* (Haw.) D.Dietr. (23)*Globulea mollis* (Thunb.) Haw. ex DC. (23)*Globulea subincana* Haw. (23)*Globulea subincana* Haw. var. *decumbens* Haw. (23)*Globulea subincana* Haw. var. *erecta* Haw. (23)*Sphaeritis margaritifera* Eckl. & Zeyh. (23)

Perennial. Dwarf shrub, succulent. Ht ± 0.5 m. Alt 400–850 m. WC, EC

montana Thunb. = **C. montana** subsp. **montana****montana** Thunb. subsp. **montana***C. engleri* Schönland (23)*C. montana* Thunb. (23)*Purgosea montana* (Thunb.) G.Don (23)

Perennial. Herb, lithophyte, succulent. Ht ± 0.12 m. Alt 200–2000 m. NC, WC

montana Thunb. subsp. **quadrangularis** (Schönland) Tölken*C. gillii* Schönland (23)*C. hemisphaerica* in sense of Drège, not of Thunb. (23)*C. quadrangularis* Schönland (23)

Perennial. Herb, succulent. Ht ± 0.12 m. Alt 100–1400 m. WC, EC

monticola N.E.Br. = **C. rupestris** subsp. **rupestris***montis-draconis* Dinter = **C. brevifolia** subsp. **brevifolia***montis-moltkei* Dinter = **C. dependens***mossii* Schönland = **C. compacta***mucronata* Keissl. = **C. southii** subsp. **southii***multicava* in sense of J.M.Wood & Evans, not of Lem. = **C. multicava** subsp. **floribunda***multicava* Lem. = **C. multicava** subsp. **multicava****multicava** Lem. subsp. **floribunda** Friedrich ex Tölken*C. multicava* in sense of J.M.Wood & Evans, not of Lem. (23)

Perennial. Herb, succulent. Ht ± 0.4 m. Alt 1000–1800 m. KZN

multicava Lem. subsp. **multicava***C. multicava* Lem. (23)*C. quadrifida* Baker f. (23)

Perennial. Herb, lithophyte, succulent. Ht ± 0.4 m. Alt 50–500 m. KZN, EC

multiceps Harv.

Perennial. Herb, succulent. Ht 0.04–0.06 m. Alt 120–550 m. NC, WC

multiflora Schönland & Baker f. = **C. multiflora** subsp. **multiflora****multiflora** Schönland & Baker f. subsp. **leucantha** (Schönland & Baker f.) Tölken

Perennial. Dwarf shrub, succulent. Ht ± 0.8 m. Alt 250–300 m. WC

multiflora Schönland & Baker f. subsp. **multiflora***C. multiflora* Schönland & Baker f. (23)

Perennial. Dwarf shrub, succulent. Ht ± 0.8 m. Alt 500–1600 m. WC

muricata Thunb.*C. divaricata* Eckl. & Zeyh. (23)

Perennial. Dwarf shrub, succulent. Ht ± 0.25 m. Alt 500–1700 m. WC

muscosa in sense of Harv., Keissl., not of L., misapplied name = **C. lanceolata** subsp. **lanceolata***muscosa* L. = **C. muscosa** var. **muscosa****muscosa** L. var. **muscosa***C. anguina* Harv. (23)*C. imbricata* Burm.f. (23)*C. littoralis* (Eckl. & Zeyh.) Endl. ex Walp. (23)*C. lycopodioides* Lam. (23)*C. lycopodioides* Lam. var. *pseudolycopodioides* (Dinter) Walther ex H.Jacobsen (23)*C. muscosa* L. (23)*C. pseudolycopodioides* Dinter & Schinz (23)*Lycopodium hieronymii* Herter (23)*Sedum lycopodioides* (Lam.) Kuntze (23)*Tetraphyle littoralis* Eckl. & Zeyh. (23)*Tetraphyle lycopodioides* (Lam.) Eckl. & Zeyh. (23)*Tetraphyle muscosa* (L.) Eckl. & Zeyh. in part (23)

Perennial. Herb, succulent. Ht 0.1–0.8 m. Alt 50–1800 m. N, NW, FS, NC, WC, EC

muscosa L. var. **obtusifolia** (Harv.) G.D.Rowley*C. lycopodioides* Lam. var. *obtusifolia* Harv. (23)*C. muscosa* L. var. *rigida* Tölken, illegitimate name. (23)*C. propinqua* (Eckl. & Zeyh.) Endl. ex Walp. (23)*Tetraphyle propinqua* (Eckl. & Zeyh.) Endl. ex Walp. (23)

Perennial. Herb, succulent. Ht 0.1–0.3 m. Alt 50–1100 m. N, NC, WC

muscosa L. var. **parvula** (Eckl. & Zeyh.) Tölken*C. parvula* (Eckl. & Zeyh.) Endl. ex Walp. (23)*Tetraphyle parvula* Eckl. & Zeyh. (23)

Perennial. Herb, succulent. Ht 0.1–0.15 m. Alt 800–1700 m. NC, WC, EC

muscosa L. var. **polpodacea** (Eckl. & Zeyh.) G.D.Rowley*C. lycopodioides* Lam. var. *polpodacea* (Eckl. & Zeyh.) Harv. (23)*C. muscosa* L. var. *sinuata* Tölken, illegitimate name. (23)*C. polpodacea* (Eckl. & Zeyh.) Endl. ex Walp. (23)

Perennial. Herb, succulent. Ht 0.3–0.8 m. Alt 50–1200 m. EC

muscosa L. var. *rigida* Tölken, illegitimate name = **C. muscosa** var. **obtusifolia***muscosa* L. var. *sinuata* Tölken, illegitimate name. = **C. muscosa** var. **polpodacea***namaquensis* Schönland & Baker f. = **C. namaquensis** subsp. **namaquensis****namaquensis** Schönland & Baker f. subsp. **comptonii** (Hutchison & Pillans) Tölken*C. comptonii* Hutchison & Pillans (23)

Perennial. Herb, succulent. Ht ± 0.04 m, up to 0.08 m when in flower. Alt 700–800 m. NC, WC

namaquensis Schönland & Baker f. subsp. **lutea** (Schönland) Tölken*C. lutea* (Schönland) Friedrich (23)*C. namaquensis* Schönland & Baker f. var. *lutea* Schönland

Perennial. Herb, succulent. Ht ± 0.05 m, up to 0.25 m when in flower. Alt 600–2000 m. WC

namaquensis Schönland & Baker f. subsp. **namaquensis***C. namaquensis* Schönland & Baker f. (23)*C. namaquensis* Schönland & Baker f. var. *brevifolia* Schönland (23)

Perennial. Herb, succulent. Ht 0.05–0.08 m, 0.25–0.4 m when in flower. Alt 1500–1800 m. N, NC

namaquensis Schönland & Baker f. var. *brevifolia* Schönland = **C. namaquensis** subsp. **namaquensis***namaquensis* Schönland & Baker f. var. *lutea* Schönland = **C. namaquensis** subsp. **lutea***namibensis* Friedrich = **C. elegans** subsp. **namibensis***nana* Schönland & Baker f. = **C. umbellata****natalensis** Schönland*C. rubescens* Schönland & Baker f. (23)*C. rubescens* Schönland & Baker f. var. *intermedia* Schönland (23)*C. rubescens* Schönland & Baker f. var. *laxa* Schönland (23)*C. sessilifolia* Baker f. (23)

Perennial, occ. annual. Herb, lithophyte, succulent. Ht ± 0.4 m. Alt 700–3400 m. M, FS, KZN, L, NC, EC

natalensis Schönland var. *mossii* Schönland = **C. capitella** subsp. **meyeri***natans* Thunb. = **C. natans** var. **natans***natans* Thunb. forma *amphibia* (Harv.) Schönland = **C. natans** var. **natans***natans* Thunb. forma *filiformis* (Eckl. & Zeyh.) Schönland = **C. natans** var. **minus***natans* Thunb. forma *fluitans* (Eckl. & Zeyh.) Schönland = **C. natans** var. **natans***natans* Thunb. forma *obovata* (Eckl. & Zeyh.) Schönland = **C. natans** var. **natans***natans* Thunb. forma *parvifolia* Schönland = **C. natans** var. **natans***natans* Thunb. subsp. *filiformis* (Eckl. & Zeyh.) Friedrich = **C. natans** var. **minus***natans* Thunb. subsp. *natans* = **C. natans** var. **natans***natans* Thunb. var. *filiformis* (Eckl. & Zeyh.) Tölken = **C. natans** var. **minus****natans** Thunb. var. **minus** (Eckl. & Zeyh.) G.D.Rowley*C. natans* Thunb. forma *filiformis* (Eckl. & Zeyh.) Schönland (23)*C. natans* Thunb. subsp. *filiformis* (Eckl. & Zeyh.) Friedrich (23)*C. natans* Thunb. var. *filiformis* (Eckl. & Zeyh.) Tölken (23)*Helophytum natans* (Thunb.) Eckl. & Zeyh. var. *filiformis* (Eckl. & Zeyh.) Harv. (23)*Helophytum natans* (Thunb.) Eckl. & Zeyh. var. *minus* Eckl. & Zeyh. (23)*Tillaea ecklonis* Walp. (23)

Annual, occ. perennial. Succulent, hydrophyte. Ht 0.02–0.25 m. Alt 50–100 m. WC

natans Thunb. var. **natans***Bulliarda capensis* (L.f.) E.Mey. ex Drège (23)*C. levynsiae* Adamson (23)*C. natans* Thunb. (23)*C. natans* Thunb. forma *amphibia* (Harv.) Schönland (23)*C. natans* Thunb. forma *fluitans* (Eckl. & Zeyh.) Schönland (23)*C. natans* Thunb. forma *obovata* (Eckl. & Zeyh.) Schönland (23)*C. natans* Thunb. forma *parvifolia* Schönland (23)*C. natans* Thunb. subsp. *natans* (23)*Helophytum filiforme* Eckl. & Zeyh. (23)*Helophytum filiforme* Eckl. & Zeyh. var. *parvulum* Eckl. & Zeyh. (23)*Helophytum fluitans* Eckl. & Zeyh. (23)*Helophytum fluitans* Eckl. & Zeyh. var. *intermedium* Eckl. & Zeyh. (23)*Helophytum fluitans* Eckl. & Zeyh. var. *obovatum* Eckl. & Zeyh. (23)*Helophytum natans* (Thunb.) Eckl. & Zeyh. (23)*Helophytum natans* (Thunb.) Eckl. & Zeyh. var. *amphibia* Harv. (23)*Helophytum natans* (Thunb.) Eckl. & Zeyh. var. *fluitans* (Eckl. & Zeyh.) Harv. (23)*Helophytum natans* (Thunb.) Eckl. & Zeyh. var. *obovatum* (Eckl. & Zeyh.) Harv. (23)*Helophytum reflexum* Eckl. & Zeyh. (23)*Tillaea capensis* L.f. (23)*Tillaea filiformis* (Eckl. & Zeyh.) Endl. ex Walp. (23)*Tillaea filiformis* (Eckl. & Zeyh.) Endl. ex Walp. var. *parvula* (Eckl. & Zeyh.) Endl. ex Walp. (23)*Tillaea fluitans* (Eckl. & Zeyh.) Endl. ex Walp. (23)*Tillaea fluitans* (Eckl. & Zeyh.) Endl. ex Walp. var. *intermedia* (Eckl. & Zeyh.) Endl. ex Walp. (23)*Tillaea fluitans* (Eckl. & Zeyh.) Endl. ex Walp. var. *obovata* (Eckl. & Zeyh.) Endl. ex Walp. (23)*Tillaea reflexa* (Eckl. & Zeyh.) Endl. ex Walp. (23)

Annual, occ. perennial. Succulent, hydrophyte. Ht 0.02–0.25 m. Alt 50–3400 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC

nealeana Higgins = **C. perforata***neglecta* Schult. = **C. cordata****nemorosa** (Eckl. & Zeyh.) Endl. ex Walp.*C. coerulescens* Schönland (23)*C. confusa* Schönland & Baker f. (23)*C. cordata* in sense of Drège, not of Thunb. (23)*C. nivalis* (Eckl. & Zeyh.) Endl. & Walp. (23)*Petrogeton nemorosum* Eckl. & Zeyh. (23)*Petrogeton nivale* Eckl. & Zeyh. (23)

Perennial. Herb, succulent. Ht 0.04–0.15 m. Alt 200–1800 m. N, NC, WC, EC

nitida Schönland = **C. ovata***nivalis* (Eckl. & Zeyh.) Endl. & Walp. = **C. nemorosa***nodulosa* Schönland = **C. capitella** subsp. **nodulosa***nuda* Compton = **C. capitella** subsp. **thyrsoflora***nudicaulis* L. = **C. nudicaulis** var. **nudicaulis***nudicaulis* L. var. *glabra* Schönland = **C. nudicaulis** var. **nudicaulis****nudicaulis** L. var. **herrei** (Friedrich) Tölken*C. herrei* Friedrich (23)

Perennial. Dwarf shrub, succulent. Ht ± 0.05 m, 0.15–0.45 m when in flower. Alt 50–1150 m. NC

nudicaulis L. var. **nudicaulis***C. canescens* (Haw.) Schult. (23)*C. canescens* (Haw.) Schult. var. *angustifolia* (Eckl. & Zeyh.) Harv. (23)*C. cephalophora* Thunb. (23)*C. cephalophora* Thunb. var. *basutica* Schönland (23)*C. cephalophora* Thunb. var. *thunbergii* Schönland (23)*C. hirta* Thunb. (23)*C. hirta* Thunb. var. *dyeri* Schönland (23)*C. nudicaulis* L. (23)*C. nudicaulis* L. var. *glabra* Schönland (23)*C. obvallata* L. (23)*C. platyphylla* Harv. (23)*C. platyphylla* in sense of Schönland; Jacot Guill., not of Harv., misapplied name (23)*C. sulcata* (Haw.) D.Dietr. (23)*Globulea canescens* Haw. (23)*Globulea canescens* Haw. var. *angustifolia* Eckl. & Zeyh. (23)*Globulea capitata* Salm-Dyck ex Haw. (23)*Globulea lingua* Haw., naked name (23)*Globulea nudicaulis* (L.) Haw. (23)*Globulea obvallata* (L.) Haw. (23)*Globulea sulcata* Haw. (23)*Purgosea cephalophora* (Thunb.) G.Don (23)*Purgosea hirta* (Thunb.) G.Don (23)

- Perennial. Dwarf shrub, succulent. Ht ± 0.05 m, 0.15–0.45 m when in flower. Alt 50–3400 m. NW, G, FS, KZN, L, NC, WC, EC
- nudicaulis** L. var. **platyphylla** (Harv.) Tölken
C. platyphylla Harv. (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.05 m, 0.15–0.45 m when in flower. Alt 400–1800 m. NC, WC, EC
- numaisensis** Friedrich
Annual. Herb. Ht up to 0.08 m. Alt 900–1200 m. N
- oblanceolata** Schönland & Baker f.
C. lambertiana Schönland & Baker f. (23)
C. tenuis in sense of Adamson, not of Wolley-Dod, misapplied name (23)
Annual. Herb, succulent. Ht 0.06–0.12 m. Alt? N, NC, WC, EC
- obliqua* Haw. = **C. atropurpurea** var. **atropurpurea**
obliqua Sol., superfluous name = **C. ovata**
obovata Haw. = **C. obovata** var. **obovata**
- obovata** Haw. var. **dregeana** (Harv.) Tölken
C. dregeana Harv. (23)
C. longistyla Schönland (23)
C. squamulosa in sense of E.Mey. ex Drège, not of Schltdl. in part (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt 50–300 m. KZN, EC
- obovata** Haw. var. **obovata**
C. inchangensis Engl. (23)
C. obovata Haw. (23)
C. peglerae Schönland (23)
C. perforata in sense of Drège, not of Thunb. (23)
C. punctata in sense of Haw., not of L. (23)
C. ramuliflora Link & Otto (23)
C. ramuliflora Link & Otto var. *bewsii* Schönland (23)
C. ramuliflora Link & Otto var. *bolusii* Schönland (23)
C. ramuliflora Link & Otto var. *flanagani* Schönland (23)
C. ramuliflora Link & Otto var. *pulchella* (Harv.) Schönland (23)
C. ramuliflora Link & Otto var. *rattrayi* Schönland (23)
C. ramuliflora Link & Otto var. *simii* Schönland (23)
C. ramuliflora Link & Otto var. *stachyera* (Eckl. & Zeyh.) Schönland (23)
C. ramuliflora Link & Otto var. *typica* Schönland (23)
C. reversisetosa Bitter (23)
C. sediflora (Eckl. & Zeyh.) Endl. & Walp. var. *laxifolia* Schönland (23)
C. stachyera Eckl. & Zeyh. (23)
C. stachyera Eckl. & Zeyh. var. *rotundifolia* Harv (23)
Purgosea obovata (Haw.) Haw. (23)
Sedum ramuliflorum (Link & Otto) Kuntze (23)
Sedum ramuliflorum (Link & Otto) Kuntze forma *rubriflorum* Kuntze (23)
Sedum ramuliflorum (Link & Otto) Kuntze var. *oblongifolia* Kuntze (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt 50–3400 m. KZN, L, EC
- obtusa** Haw.
C. jasminiana Haw. ex Sims (23)
Dietrichia jasminea (Sims) Eckl. & Zeyh. (23)
Dietrichia jasminea (Sims) Eckl. & Zeyh. var. *uniflora* Eckl. & Zeyh. (23)
Kalosanthes jasminea (Sims) Haw. (23)
Rochea jasminea (Sims) DC. (23)
Rochea microphylla E.Mey. ex Drège, naked name (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.15 m. Alt 400–2000 m. WC, EC
- obvallata* in sense of Thunb., not of L. = **C. dejecta**
obvallata L. = **C. nudicaulis** var. **nudicaulis**
odoratissima Andrews = **C. fascicularis**
- orbicularis** L.
C. rosularis Haw. (23)
C. sedoides Mill. (23)
- Perennial. Herb, succulent. Ht ± 0.25 m. Alt 50–1800 m. KZN, WC, EC
- orbicularis** × **C. montana** subsp. **quadrangularis**, putative hybrid
- ovata* in sense of E.Mey. ex Drège, not of (Mill.) Druce, naked name = **C. sarmentosa** var. **sarmentosa**
- ovata** (Mill.) Druce
Cotyledon ovata Mill. (23)
C. arborescens in sense of Keissl.; Marloth, not of (Mill.) Willd., misapplied name (23)
C. argentea Thunb. (23)
C. articulata Zuccagni (23)
C. lucens Gram (23)
C. nitida Schönland (23)
C. obliqua Sol., superfluous name (23)
C. portulacea Lam. (23)
Perennial. Shrub, succulent. Ht 1–2.5 m. Alt 50–1800 m. KZN, EC
- pachyphylla* Schönland = **C. congesta** subsp. **congesta**
pachystemon Schönland & Baker f. = **C. lanuginosa** var. **pachystemon**
- pageae** Tölken
Pagella archeri Schönland (23)
Annual. Herb, succulent. Ht 0.002–0.004 m. Alt 500–1700 m. NC, WC
- pallens** Schönland & Baker f.
Perennial. Dwarf shrub, succulent. Ht ± 0.5 m. Alt 50–500 m. N, NC, WC
- pallida* Baker = **C. perfoliata** var. **perfoliata**
pallida in sense of J.M.Wood & Evans, not of Baker = **C. perfoliata** var. **heterotricha**
- paniculata* (Haw.) D.Dietr. = **C. capitella** subsp. **capitella**
- papillosa** Schönland & Baker f.
C. limosa Schönland (23)
Perennial. Herb, succulent. Ht 0.01–0.05 m. Alt 1500–2400 m. WC, EC
- parviflora* E.Mey. ex Drège = **C. expansa** subsp. **expansa**
- parvipetala* Schönland = **C. tenuipedicellata**
parvisepala Schönland = **C. sarcocaulis** subsp. **sarcocaulis**
- parvula* (Eckl. & Zeyh.) Endl. ex Walp. = **C. muscosa** var. **parvula**
- parvula* in sense of Schönland; Adamson; Jacot Guill., not of (Eckl. & Zeyh.) Endl. ex Walp. = **C. lanceolata** subsp. **lanceolata**
- patens* (Eckl. & Zeyh.) Endl. & Walp. = **C. dentata**
patersoniae Schönland = **C. perforata**
pearsonii Schönland = **C. brevifolia** subsp. **brevifolia**
pectinata Conrath = **C. capitella** subsp. **nodulosa**
- peculiaris** (Tölken) Tölken & Wickens
C. expansa Dryand. subsp. *peculiaris* Tölken (23)
Perennial. Herb, succulent, scrambler. Ht 0.03–0.08 m. Alt 1200–1800 m. WC
- peglerae* Schönland = **C. obovata** var. **obovata**
pellucida in sense of Thunb., not of L. = **C. strigosa**
pellucida L. = **C. pellucida** subsp. **pellucida**
pellucida L. subsp. **alsinoides** (Hook.f.) Tölken
C. alsinoides Hook.f. (23)
Tillaea alsinoides Hook.f. (23)

Perennial. Herb, succulent, scrambler. Ht 0.01–0.08 m. Alt 50–2000 m. LIM, M, S, KZN, EC

pellucida L. subsp. **brachypetala** (Drège ex Harv.) Tölken

Bulliardia dregei Harv. (23)
C. brachypetala Drège ex Harv. (23)
C. diabolica N.E.Br. (23)
C. dregei (Harv.) Schönland (23)
C. elongata Schönland (23)
C. involucrata Schönland (23)
C. lineolata forma *gracilis* in sense of Schönland, not of Dryand. (23)
C. lineolata forma *magna* in sense of Schönland, not of Dryand. (23)
C. lineolata forma *natalensis* in sense of Schönland, not of Dryand. (23)
C. lineolata in sense of Schönland, not of Dryand. (23)
C. lineolata var. *petiolata* in sense of Schönland, not of Dryand. (23)
C. lineolata var. *pilosa* in sense of Schönland, not of Dryand., naked name (23)
C. prostrata E.Mey. ex Drège, naked name (23)
C. tysonii Schönland (23)

Perennial. Herb, succulent, scrambler. Ht 0.05–0.15 m. Alt 50–3000 m. LIM, M, S, FS, KZN, L, EC

pellucida L. subsp. **marginalis** (Dryand. in Aiton) Tölken

C. centauroides in sense of Thunb., not of L., misapplied name (23)
C. centauroides L. var. *marginalis* (Dryand.) Harv. (23)
C. lineolata Dryand. (23)
C. marginalis Dryand. (23)
C. profusa Hook.f. (23)

Perennial. Herb, succulent, scrambler. Ht 0.05–0.25 m. Alt 20–1800 m. WC, EC

pellucida L. subsp. **pellucida**

C. centauroides in sense of Aiton; Sims; Eckl. & Zeyh.; Drège; Harv., not of L., misapplied name (23)
C. dichotoma in sense of L.f., not of L. (23)
C. marginata Thunb. (23)
C. minima in sense of Eckl. & Zeyh., not of Thunb. (23)
C. pellucida L. (23)

Perennial. Herb, succulent, scrambler. Ht 0.05–0.25 m. Alt 50–1200 m. WC, EC

pellucida L. subsp. **spongiosa** Tölken

Annual. Herb, succulent, scrambler. Ht 0.05–0.15 m. Alt 800–1600 m. NC

pentandra Royle ex Edgew. var. **denticulata** Brenan = **C. lanceolata** subsp. **denticulata**

peploides Harv.

C. galpinii Schönland (23)
 Perennial. Herb, succulent. Ht 0.05–0.25 m. Alt 1200–3000 m. M, FS, KZN, L

peploides in sense of Schönland, not of Harv. = **C. expansa** subsp. **expansa**

perfilata Scop. = **C. perforata**

perfoliata in sense of Burt Davy, not of L. = **C. perfoliata** var. **heterotricha**

perfoliata in sense of Thunb., not of L. = **C. perfoliata** var. **coccinea**

perfoliata L. = **C. perfoliata** var. **perfoliata**

perfoliata L. var. *albiflora* Harv. = **C. perfoliata** var. **perfoliata**

perfoliata L. var. **coccinea** (Sweet) G.D.Rowley

C. johannis-winkleri Linding. (23)
C. perfoliata in sense of Thunb., not of L. (23)
C. perfoliata L. var. *miniata* Tölken, illegitimate name. (23)
C. perfoliata of many authors, not of L., misapplied name (23)
Rochea perfoliata (L.) DC. in part as to specimen var. *a* (23)
Rochea perfoliata (L.) DC. var. *coccinea* Sweet (23)

Perennial. Dwarf shrub, succulent. Ht 0.6–1.5 m. Alt 50–200 m. EC

perfoliata L. var. *falcata* (J.C.Wendl.) Tölken = **C. perfoliata** var. **minor**

perfoliata L. var. **heterotricha** (Schinz) Tölken

C. heterotricha Schinz (23)
C. pallida in sense of J.M.Wood & Evans, not of Baker (23)
C. perfoliata in sense of Burt Davy, not of L. (23)

Perennial. Dwarf shrub, succulent. Ht 0.1–0.4 m. Alt 800–2000 m. M, S, KZN, EC

perfoliata L. var. *miniata* Tölken, illegitimate name = **C. perfoliata** var. **coccinea**

perfoliata L. var. **minor** (Haw.) G.D.Rowley

C. falcata J.C.Wendl. (23)
C. falx Linding. (23)
C. perfoliata L. var. *falcata* (J.C.Wendl.) Tölken (23)
C. retroflexa in sense of Meerb., not of Thunb. (23)
Larochea falcata (J.C.Wendl.) Pers. (23)
Larochea falcata (J.C.Wendl.) Pers. var. *minor* Haw. (23)
Rochea falcata (J.C.Wendl.) DC. (23)

Rochea falcata (J.C.Wendl.) DC. var. *minor* (Haw.) DC. (23)

Perennial. Dwarf shrub, lithophyte, succulent. Ht 0.15–0.5 m. Alt 50–1400 m. EC

perfoliata L. var. **perfoliata**

C. pallida Baker (23)
C. perfoliata L. (23)
C. perfoliata L. var. *albiflora* Harv. (23)
Larochea perfoliata (L.) Haw. (23)
Larochea perfoliata (L.) Haw. var. *alba* Haw. (23)
Rochea falcata (J.C.Wendl.) DC. var. *acuminata* Eckl. & Zeyh (23)
Rochea perfoliata (L.) DC. in part (23)
Rochea perfoliata (L.) Haw. var. *alba* (Haw.) Sweet (23)

Perennial. Shrub, succulent. Ht 0.6–1.3 m. Alt 50–1400 m. EC

perfoliata of many authors., not of L., misapplied name = **C. perfoliata** var. **coccinea**

perforata in sense of Drège, not of Thunb. = **C. obovata** var. **obovata**

perforata Thunb.

C. anthurus E.Mey. ex Drège, naked name (23)
C. conjuncta N.E.Br. (23)
C. nealeana Higgins (23)
C. patersoniae Schönland (23)
C. perfoliata Scop. (23)
C. perfossa Lam. (23)

Perennial. Dwarf shrub, succulent, scrambler. Ht ± 0.25 m. Alt 50–2200 m. KZN, WC, EC

perfossa in sense of Drège, not of Lam. = **C. cordata**

perfossa in sense of Eckl. & Zeyh; Harv.; Marloth, not of Lam., misapplied name = **C. rupestris** subsp. **rupestris**

perfossa Lam. = **C. perforata**

petraea Schönland = **C. exilis** subsp. **exilis**

petrogeton Endl. ex Walp. = **C. dentata**

pharnaceoides Fisch. & C.A.Mey. subsp. *rhodesica* Merxm. = **C. rhodesica**

pharnaceoides in sense of Friedrich, not of Fisch. & C.A.Mey = **C. rhodesica**

picturata in sense of Boom, not of Friedrich, = **C. exilis** subsp. **cooperi**

picturata in sense of Friedrich, not of Boom, misapplied name = **C. exilis** subsp. **sedifolia**

planifolia Schönland

Perennial. Dwarf shrub, lithophyte, succulent. Ht ± 0.3 m. Alt 300–1000 m. EC

platyphylla Harv. = **C. nudicaulis** var. **platyphylla**

platyphylla in sense of Schönland; Jacot Guill.; not of Harv., misapplied name = **C. nudicaulis** var. **nudicaulis**

plegmatoides Friedrich

C. arta in sense of H.Jacobsen; Friedrich; Higgins, not of Schönland (23)

C. deltoidea in sense of Schönland & Baker f., not of Thunb. (23)

C. pseudocolumnaris Dinter, naked name (23)

Perennial. Herb, succulent. Ht ± 0.15 m. Alt 100–300 m. N, NC

polpodacea (Eckl. & Zeyh.) Endl. ex Walp. = **C. muscosa** var. **polpodacea**

portulacaria L. = **Portulacaria afra**

portulacea Lam. = **C. ovata**

profusa Hook.f. = **C. pellucida** subsp. **marginalis**

promontorii Schönland & Baker f. = **C. capensis** var. **promontorii**

propinqua (Eckl. & Zeyh.) Endl. ex Walp. = **C. muscosa** var. **obtusifolia**

prostrata E.Mey. ex Drège = **C. pellucida** subsp. **brachypetala**

prostratum Thunb. = **C. expansa** subsp. **expansa**

pruinosa in sense of Harv.; Schönland, not of L., misapplied name = **C. pustulata**

pruinosa L.

C. scabrella Haw. (23)

C. scabrella in sense of Eckl. & Zeyh.; Harv., not of Haw., misapplied name (23)

C. squamulosa Schltdl. (23)

Dasystemon calycina DC. in part (23)

Perennial. Dwarf shrub, lithophyte, succulent. Ht ± 0.2 m. Alt 600–1300 m. WC

pruinosa × **C. scabra**, putative hybrid (23)

pseudocolumnaris Dinter, naked name = **C. plegmatoides**

pseudohemisphaerica Friedrich

Perennial. Herb, succulent. Ht ± 0.2 m. Alt 50–200 m. N, NC

pseudolycopodioides Dinter & Schinz = **C. muscosa** var. **muscosa**

pubescens (Eckl. & Zeyh.) Walp., illegitimate name = **C. strigosa**

pubescens Thunb. = **C. pubescens** subsp. **pubescens**

pubescens Thunb. subsp. **pubescens**

C. biconvexa (Eckl. & Zeyh.) Harv. (23)

C. dewinteri Friedrich in part (23)

C. fergusoniae Schönland (23)

C. fergusoniae Schönland forma *major* Schönland (23)

C. fragilis Schönland (23)

C. pubescens Thunb. (23)

C. radicans (Haw.) D.Dietr. var. *fastigiata* Schönland (23)

C. radicans (Haw.) D.Dietr. var. *phillipsii* Schönland (23)

Sphaeritis biconvexa Eckl. & Zeyh. (23)

Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt 20–2000 m. WC, EC

pubescens Thunb. subsp. **radicans** (Haw.) Tölken

C. radicans (Haw.) D.Dietr. (23)

C. radicans (Haw.) D.Dietr. var. *typica* Schönland (23)

Globulea radicans Haw. (23)

Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt 20–550 m. EC

pubescens Thunb. subsp. **rattrayi** (Schönland & Baker f.) Tölken

C. rattrayi Schönland & Baker f. (23)

Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt 800–1500 m. EC

pulchella Dryand. (insufficiently known) (23)

punctata in sense of Haw., not of L. = **C. obovata** var. **obovata**

punctata in sense of Mill., not of L. = **C. rupestris** subsp. **rupestris**

punctata L. (insufficiently known) (23)

punctulata Schönland & Baker f. = **C. biplanata**

purcellii Schönland = **C. atropurpurea** var. **purcellii**

pusilla Schönland = **C. bergioides**

pustulata Tölken

C. pruinosa in sense of Harv.; Schönland, not of L., misapplied name (23)

Perennial. Dwarf shrub, succulent. Ht ± 0.2 m. Alt 300–1100 m. NC, WC

pustulata × **C. dejecta**, putative hybrid

pustulata × **C. fallax**, putative hybrid (23)

pustulata × **C. scabra**, putative hybrid (23)

pyramidalis Thunb.

C. archeri Compton (23)

C. cylindrica Schönland (23)

C. pyramidalis Thunb. var. *ramosa* Schönland (23)

C. quadrangula (Eckl. & Zeyh.) Endl. & Walp. (23)

Purgosea pyramidalis (Thunb.) G.Don (23)

Tetraphyle pyramidalis (Thunb.) Eckl. & Zeyh. (23)

Tetraphyle quadrangula Eckl. & Zeyh. (23)

Perennial. Herb, succulent. Ht 0.03–0.25 m. Alt 500–1800 m. NC, WC, EC

pyramidalis Thunb. var. *ramosa* Schönland = **C. pyramidalis**

pyrifolia Compton = **C. expansa** subsp. **pyrifolia**

goatlhambensis Hargr.

Perennial. Herb, succulent. Ht up to 0.03 m. Alt 1800–3400 m. L

quadrangula (Eckl. & Zeyh.) Endl. & Walp. = **C. pyramidalis**

quadrangularis Schönland = **C. montana** subsp. **quadrangularis**

quadrifida Baker f. = **C. multicava** subsp. **multicava**

radicans (Haw.) D.Dietr. = **C. pubescens** subsp. **radicans**

radicans (Haw.) D.Dietr. var. *fastigiata* Schönland = **C. pubescens** subsp. **pubescens**

radicans (Haw.) D.Dietr. var. *phillipsii* Schönland = **C. pubescens** subsp. **pubescens**

radicans (Haw.) D.Dietr. var. *typica* Schönland = **C. pubescens** subsp. **radicans**

ramosa in sense of Eckl. & Zeyh.; Harv., not of Thunb., misapplied name = **C. macowaniana**

ramosa Thunb. = **C. subulata** var. **subulata**

ramuliflora Link & Otto = **C. obovata** var. **obovata**

ramuliflora Link & Otto var. *bewsii* Schönland = **C. obovata** var. **obovata**

ramuliflora Link & Otto var. *bolusii* Schönland = **C. obovata** var. **obovata**

ramuliflora Link & Otto var. *flanaganii* Schönland = **C. obovata** var. **obovata**

- ramuliflora* Link & Otto var. *pulchella* (Harv.) Schönland = **C. obovata** var. **obovata**
- ramuliflora* Link & Otto var. *ratrayi* Schönland = **C. obovata** var. **obovata**
- ramuliflora* Link & Otto var. *simii* Schönland = **C. obovata** var. **obovata**
- ramuliflora* Link & Otto var. *stachyera* (Eckl. & Zeyh.) Schönland = **C. obovata** var. **obovata**
- ramuliflora* Link & Otto var. *transvaalensis* Schönland = **C. setulosa** var. **setulosa**
- ramuliflora* Link & Otto var. *typica* Schönland = **C. obovata** var. **obovata**
- ratrayi* Schönland & Baker f. = **C. pubescens** subsp. **ratrayi**
- rauhii* Friedrich = **C. subcaulis** subsp. **erosula**
- recurva* N.E.Br. = **C. alba** var. **alba**
- rehmannii* Baker f. = **C. cotyledonis**
- remota* Schönland = **C. subaphylla** var. **subaphylla**
- retroflexa* in sense of Meerb., not of Thunb. = **C. perfoliata** var. **minor**
- retroflexa* Thunb. = **C. dichotoma**
- retrorsa* Hutchison = **C. vaginata** subsp. **vaginata**
- reversisetosa* Bitter = **C. obovata** var. **obovata**
- revolvens* Haw. (insufficiently known). (23)
- rhodesica** (Merxm.) Wickens & M.Bywater
C. campestris (Eckl. & Zeyh.) Endl. ex Walp. subsp. *pharnaceoides* (Fisch. & C.A.Mey.) Tölken (23)
C. campestris (Eckl. & Zeyh.) Endl. ex Walp. subsp. *rhodesica* (Merxm.) R.Fern. (23)
C. pharnaceoides Fisch. & C.A.Mey. subsp. *rhodesica* Merxm. (23)
C. pharnaceoides in sense of Friedrich, not of Fisch. & C.A.Mey. (23)
 Annual. Herb, succulent. Ht ± 0.05–0.15 m. Alt 1400–2000 m. N
- rhodogyna* Friedrich = **C. capitella** subsp. **thyrsiflora**
- rhomboidea* N.E.Br. = **C. deltoidea**
- robusta* Tölken = **C. tetragona** subsp. **robusta**
- rogersii** Schönland
Sedum canescens (Schult.) Kuntze var. *caulescens* Kuntze (23)
 Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt 20–800 m. EC
- roggeveldii** Schönland
 Annual. Herb, succulent, scrambler. Ht ± 0.01–0.04 m. Alt 1400–1800 m. NC
- rosularis* Haw. = **C. orbicularis**
- rotundifolia* Haw. = **Kalanchoe rotundifolia**
- rubella* Compton = **C. atropurpurea** var. **muirii**
- rubescens* Schönland & Baker = **C. natalensis**
- rubescens* Schönland & Baker f. var. *intermedia* Schönland = **C. natalensis**
- rubescens* Schönland & Baker f. var. *laxa* Schönland = **C. natalensis**
- rubicunda* Drège ex Harv. = **C. alba** var. **alba**
- rubicunda* Drège ex Harv. var. *flexuosa* Schönland = **C. alba** var. **alba**
- rubicunda* Drège ex Harv. var. *hispida* Schönland = **C. alba** var. **alba**
- rubicunda* Drège ex Harv. var. *lydenburgensis* Schönland = **C. alba** var. **parvisepala**
- rubicunda* Drège ex Harv. var. *milleriana* (Burt Davy) Schönland = **C. alba** var. **alba**
- rubicunda* Drège ex Harv. var. *parvisepala* (Schönland) Schönland = **C. alba** var. **parvisepala**
- rubicunda* Drège ex Harv. var. *rubicunda* R.A.Dyer = **C. alba** var. **alba**
- rubicunda* Drège ex Harv. var. *similis* (Baker f.) Schönland = **C. alba** var. **parvisepala**
- rubicunda* Drège ex Harv. var. *subglabra* Schönland = **C. alba** var. **alba**
- rubicunda* Drège ex Harv. var. *typica* Schönland = **C. alba** var. **alba**
- rubricaulis** Eckl. & Zeyh.
C. rubricaulis Eckl. & Zeyh. var. *muirii* Schönland (23)
 Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt 50–750 m. WC, EC
- rubricaulis* Eckl. & Zeyh. var. *muirii* Schönland = **C. rubricaulis**
- rudis* Schönland & Baker f. = **C. tetragona** subsp. **rudis**
- rudolfii** Schönland & Baker f.
 Perennial. Dwarf shrub, succulent, scrambler. Ht up to 0.8 m. Alt 500–1300 m. NC
- rufo-punctata* Schönland = **C. capitella** subsp. **capitella**
- rupestris* Thunb. = **C. rupestris** subsp. **rupestris**
- rupestris** Thunb. subsp. **commutata** (Friedrich) Tölken
C. brevifolia in sense of Higgins; Friedrich, not of Harv. (23)
C. commutata Friedrich (23)
 Perennial. Dwarf shrub, succulent. Ht up to 0.5 m. Alt 100–1100 m. N, NC
- rupestris** Thunb. subsp. **marnieriana** (H.E.Huber & H.Jacobsen) Tölken
C. marnieriana H.E.Huber & H.Jacobsen (23)
 Perennial. Dwarf shrub, succulent. Ht ± 0.5 m. Alt 800–2200 m. WC
- rupestris** Thunb. subsp. **rupestris**
C. monticola N.E.Br. (23)
C. perfossa in sense of Eckl. & Zeyh.; Harv.; Marloth, not of Lam., misapplied name (23)
C. punctata in sense of Mill., not of L. (23)
C. rupestris Thunb. (23)
 Perennial. Dwarf shrub, succulent. Ht ± 0.5 m. Alt 50–1800 m. WC, EC
- rustii* Schönland = **C. subulata** var. **subulata**
- sarcocaulis* Eckl. & Zeyh. = **C. sarcocaulis** subsp. **sarcocaulis**
- sarcocaulis** Eckl. & Zeyh. subsp. **rupicola** Tölken
C. fruticulosa in sense of Keissl., not of L. (23)
C. sarcocaulis in sense of Schönland; Brenan; Jacot Guill., not of Eckl. & Zeyh. (23)
Sedum caffrum Kuntze (23)
 Perennial. Dwarf shrub, succulent. Ht 0.2–0.6 m. Alt 1400–3400 m. M, FS, KZN, L, EC
- sarcocaulis** Eckl. & Zeyh. subsp. **sarcocaulis**
C. lignosa Burt Davy (23)
C. parvisepala Schönland (23)
C. sarcocaulis Eckl. & Zeyh. (23)
C. sarcocaulis Eckl. & Zeyh. var. *scaberula* Harv. (23)
 Perennial. Dwarf shrub, succulent. Ht 0.2–0.6 m. Alt 200–2200 m. LIM, M, S, FS, KZN, L, EC
- sarcocaulis* Eckl. & Zeyh. var. *scaberula* Harv. = **C. sarcocaulis** subsp. **sarcocaulis**
- sarcocaulis* in sense of Schönland; Brenan; Jacot Guill., not of Eckl. & Zeyh. = **C. sarcocaulis** subsp. **rupicola**

- sarcolipes* Harv. = **C. strigosa**
- sarmentosa* Harv. = **C. sarmentosa** var. **sarmentosa**
- sarmentosa** Harv. var. **integrifolia** Tölken
Perennial. Herb, succulent, scrambler. Ht 0.4–0.8 m.
Alt 20–400 m. KZN
- sarmentosa** Harv. var. **sarmentosa**
C. ovata in sense of E.Mey. ex Drège, not of (Mill.) Druce, naked name (23)
C. sarmentosa Harv. (23)
Perennial. Herb, succulent, scrambler. Ht 0.4–0.8 m.
Alt 20–400 m. KZN, EC
- saxifraga** Harv.
Septas globifera in sense of Eckl. & Zeyh., not of Sims (23)
Perennial. Herb, succulent. Ht 0.05–0.25 m. Alt 50–1200 m. NC, WC, EC
- saxifraga* in sense of Hook., not of Harv. = **C. capensis** var. **capensis**
- scabra* in sense of Mill., not of L., putative hybrid of **C. pruinosa** × **C. scabra** (23)
- scabra** L.
C. squamulosa in sense of DC.; Harv., not of Schtdl., misapplied name (23)
Globulea mesembryanthemoides in sense of Drège, not of Haw. (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 50–500 m. WC
- scabra* L. var. *intermedia* Schönland, putative hybrid of **C. pruinosa** × **C. scabra** (23)
- scabrella* Haw. = **C. pruinosa**
- scabrella* in sense of Eckl. & Zeyh.; Harv., not of Haw., misapplied name = **C. pruinosa**
- scalaris* Schönland & Baker f. = **C. tomentosa** var. **glabrifolia**
- scheppigiana* Diels = **C. setulosa** var. **setulosa**
- schimperi* Fisch. & C.A.Mey. forma *filamentosa* (Schönland) R.Fern. = **C. lanceolata** subsp. **lanceolata**
- schimperi* Fisch. & C.A.Mey. forma *transvaalensis* (Kuntze) R.Fern. = **C. lanceolata** subsp. **transvaalensis**
- schimperi* Fisch. & C.A.Mey. subsp. *transvaalensis* (Kuntze) R.Fern. = **C. lanceolata** subsp. **transvaalensis**
- schimperi* Fisch. & C.A.Mey. var. *denticulata* (Brenan) R.Fern. = **C. lanceolata** subsp. **denticulata**
- schimperi* Fisch. & C.A.Mey. var. *illecebroides* (Welw. ex Hiern) G.D.Rowley = **C. lanceolata** subsp. **lanceolata**
- schimperi* Fisch. & C.A.Mey. var. *lanceolata* (Eckl. & Zeyh.) Tölken in part = **C. lanceolata** subsp. **lanceolata**
- schimperi* Fisch. & C.A.Mey. var. *schimperi* in part. = **C. lanceolata** subsp. **transvaalensis**
- schimperi* Fisch. & C.A.Mey. var. *transvaalensis* (Kuntze) R.Fern. = **C. lanceolata** subsp. **transvaalensis**
- schlechteri* Schönland = putative hybrid of **C. setulosa** var. **rubra** × **C. setulosa** var. **setulosa** (23)
- schmidtii* Regel (insufficiently known) (23)
- schoenlandii* H.Jacobsen = **C. elegans** subsp. **elegans**
- scleranthoides* Burm.f. = **C. glomerata**
- sebaeoides** (Eckl. & Zeyh.) Tölken
Dinacria sebaeoides (Eckl. & Zeyh.) Schönland (23)
Grammanthes flava E.Mey. ex Drège (23)
Grammanthes gentianoides (Lam.) DC. var. *media* Harv. (23)
Grammanthes gentianoides (Lam.) DC. var. *sebaeoides* (Eckl. & Zeyh.) Harv. (23)
Grammanthes sebaeoides Eckl. & Zeyh. (23)
Annual. Herb, succulent. Ht ± 0.08 m. Alt 400–1800 m. NC, WC, EC
- sediflora* (Eckl. & Zeyh.) Endl. & Walp. = **C. sediflora** var. **sediflora**
- sediflora** (Eckl. & Zeyh.) Endl. & Walp. var. **amatolica** (Schönland) Tölken
C. amatolica Schönland (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt 1400–1850 m. EC
- sediflora* (Eckl. & Zeyh.) Endl. & Walp. var. *laxifolia* Schönland = **C. obovata** var. **obovata**
- sediflora** (Eckl. & Zeyh.) Endl. & Walp. var. **sediflora**
C. sediflora (Eckl. & Zeyh.) Endl. & Walp. (23)
C. tenuifolia Schönland (23)
Purgosea sediflora Eckl. & Zeyh., as ‘*Pyrgosea*’ (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 350–950 m. KZN, L, EC
- sedifolia* N.E.Br. = **C. exilis** subsp. **sedifolia**
- sedoides* Mill. = **C. orbicularis**
- selago* Dinter = **C. lanceolata** subsp. **transvaalensis**
- semiorbicularis* Eckl. & Zeyh. = **C. columnaris** subsp. **prolifera**
- septas* Thunb. = **C. capensis** var. **capensis**
- septas* Thunb. var. *leipoldtii* Schönland = **C. capensis** var. **capensis**
- sericea* in sense of Schönland (1912), not of Schönland (1910) = **C. atropurpurea** var. **watermeyerii**
- sericea* Schönland = **C. sericea** var. **sericea**
- sericea** Schönland var. **hottentotta** (Marloth & Schönland) Tölken
C. hottentotta Marloth & Schönland (23)
C. merxmuelleri Friedrich (23)
Perennial. Herb, succulent. Ht ± 0.25 m. Alt 50–1000 m. N, NC
- sericea** Schönland var. **sericea**
C. argyrophylla Diels ex Schönland & Baker f. var. *ramosa* in sense of Herre; H.Jacobsen, not of Schönland (23)
C. dewinteri Friedrich in part (23)
C. hallii Adcock, illegitimate name (23)
C. klinghardtensis Schönland (23)
C. sericea Schönland (23)
C. suavis Friedrich (23)
Perennial. Herb, succulent. Ht ± 0.25 m. Alt 100–2200 m. N, NC
- sericea** Schönland var. **velutina** (Friedrich) Tölken
C. velutina Friedrich (23)
Perennial. Herb, succulent. Ht ± 0.25 m. Alt 800–2000 m. N, NC
- serpentaria* Schönland (insufficiently known) (23)
- sessilicymula* Mogg = **C. capitella** subsp. **sessilicymula**
- sessilifolia* Baker f. = **C. natalensis**
- setigera* (Eckl. & Zeyh.) Schönland = **C. tomentosa** var. **tomentosa**
- setulosa* Harv. = **C. setulosa** var. **setulosa**

- setulosa* Harv. var. *basutica* Schönland = **C. setulosa** var. **setulosa**
- setulosa* Harv. var. *curta* (N.E.Br.) Schönland = **C. setulosa** var. **rubra**
- setulosa** Harv. var. **deminuta** (Diels) Tölken
C. deminuta Diels (23)
Perennial. Herb, succulent. Ht ± 0.2 m when in flower.
Alt 1200–2200 m. M
- setulosa** Harv. var. **jenkinsii** Schönland
Perennial. Herb, lithophyte, succulent. Ht ± 0.2 m when in flower. Alt 1000–1800 m. LIM, NW, G
- setulosa* Harv. var. *lanceolata* Schönland = **C. setulosa** var. **setulosa**
- setulosa** Harv. var. **longiciliata** Tölken
Perennial. Herb, succulent. Ht ± 0.15 m when in flower.
Alt 1000–3400 m. M, KZN, L
- setulosa* Harv. var. *ovata* Schönland = **C. setulosa** var. **setulosa**
- setulosa** Harv. var. **rubra** (N.E.Br.) G.D.Rowley
C. barklyana Schönland (23)
C. curta N.E.Br. (23)
C. curta N.E.Br. var. *rubra* N.E.Br. (23)
C. exilis in sense of Keissl., not of Harv. (23)
C. milfordiae Byles (23)
C. setulosa Harv. var. *curta* (N.E.Br.) Schönland (23)
Sedum dregeanum (Harv.) Kuntze var. *erectum* Kuntze (23)
Perennial. Herb, succulent. Ht ± 0.25 m when in flower.
Alt 500–3400 m. LIM, M, FS, KZN, L
- setulosa* Harv. var. *ramosa* Schönland = **C. setulosa** var. **setulosa**
- setulosa* Harv. var. *robusta* Schönland = **C. setulosa** var. **setulosa**
- setulosa** Harv. var. **setulosa**
C. bloubergensis R.A.Dyer (23)
C. ramuliflora Link & Otto var. *transvaalensis* Schönland (23)
C. scheppigiana Diels (23)
C. setulosa Harv. (23)
C. setulosa Harv. var. *basutica* Schönland (23)
C. setulosa Harv. var. *lanceolata* Schönland (23)
C. setulosa Harv. var. *ovata* Schönland (23)
C. setulosa Harv. var. *ramosa* Schönland (23)
C. setulosa Harv. var. *robusta* Schönland (23)
C. stachyera Eckl. & Zeyh. var. *pulchella* Harv. (23)
Sedum dregeanum (Harv.) Kuntze var. *adscendens* Kuntze (23)
Perennial. Herb, succulent. Ht ± 0.25 m when in flower. Alt 200–3400 m. LIM, NW, G, M, S, FS, KZN, L, EC
- setulosa** var. **rubra** × **C. setulosa** var. **setulosa**, putative hybrid (23)
- setulosa** var. **setulosa** × **C. natalensis**, putative hybrid (23)
- setulosa** var. **setulosa** × **C. setulosa** var. **jenkinsii**, putative hybrid (23)
- similis* Baker f. = **C. alba** var. **parvisepala**
- simulans** Schönland
Perennial. Herb, succulent. Ht 0.08–0.15 m. Alt 200–1000 m. WC
- sladenii** Schönland
Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 500–1100 m. N, NC
- smutsii* Schönland = **C. atropurpurea** var. **atropurpurea**
- socialis** Schönland
- Perennial. Herb, lithophyte, succulent. Ht ± 0.06 m. Alt 800–1200 m. EC
- southii* Schönland = **C. southii** subsp. **southii**
- southii** Schönland subsp. **southii**
C. mucronata Keissl. (23)
C. southii Schönland (23)
Annual, occ. perennial. Herb, succulent, scrambler. Ht ± 0.25 m. Alt 100–600 m. EC
- southii** Schönland subsp. **sphaerocephala** Tölken
Annual, occ. perennial. Herb, succulent. Ht ± 0.15 m. Alt 200–1200 m. KZN, EC
- sparsa* Dryand., excluded species (23)
- spathulata** Thunb.
C. cordata in sense of Lodd., not of Thunb. (23)
C. cyclophylla Schönland & Baker f. (23)
C. latispathulata Schönland & Baker f. (23)
C. lucida Lam. (23)
Perennial. Herb, succulent. Ht ± 0.2–0.4 m. Alt 50–600 m. KZN, WC, EC
- spectabilis* Schönland = **C. vaginata** subsp. **vaginata**
- sphaeritis* Harv. = **C. subulata** var. **subulata**
- spicata* Thunb. = **C. capitella** subsp. **capitella**
- squamulosa* in sense of DC.; Harv., not of Schltld., misapplied name = **C. scabra**
- squamulosa* in sense of E.Mey. ex Drège, not of Schltld. in part = **C. obovata** var. **dregeana**
- squamulosa* in sense of Keissl., not of Schltld. = **C. alba** var. **alba**
- squamulosa* Schltld. = **C. pruinosa**
- stachyera* Eckl. & Zeyh. = **C. obovata** var. **obovata**
- stachyera* Eckl. & Zeyh. var. *pulchella* Harv. = **C. setulosa** var. **setulosa**
- stachyera* Eckl. & Zeyh. var. *rotundifolia* Harv. = **C. obovata** var. **obovata**
- stewartiae* Burt Davy = **C. alba** var. **alba**
- streyi** Tölken
Perennial. Herb, succulent. Ht ± 0.2–0.4 m. Alt 50–250 m. KZN
- strigosa* in sense of E.Mey. ex Drège, not of L. = **C. lanuginosa** var. **lanuginosa**
- strigosa** L.
C. centauroides L. (23)
C. diaphana Drège ex Harv. (23)
C. pellucida in sense of Thunb., not of L. (23)
C. pubescens (Eckl. & Zeyh.) Walp., illegitimate name (23)
C. sarcolipes Harv. (23)
C. sylvatica Licht. ex Schult., as 'silvatica' (23)
Sarcolipes pubescens Eckl. & Zeyh. (23)
Annual. Herb, succulent. Ht ± 0.17 m. Alt 50–1100 m. NC, WC
- suavis* Friedrich = **C. sericea** var. **sericea**
- subacaulis* Schönland & Baker f. = **C. subacaulis** subsp. **subacaulis**
- subacaulis** Schönland & Baker f. subsp. **erosula** (N.E.Br.) Tölken
C. erosula N.E.Br., in part (23)
C. inamoena N.E.Br. (23)
C. rauhii Friedrich (23)
Perennial. Dwarf shrub, succulent, scrambler. Ht ± 0.3 m. Alt 400–1400 m. N, NC, WC
- subacaulis** Schönland & Baker f. subsp. **subacaulis**

- C. subacaulis* Schönland & Baker f. (23)
Perennial. Dwarf shrub, succulent, scrambler. Ht ± 0.6 m. Alt 400–900 m. NC
- subaphylla* (Eckl. & Zeyh.) Harv. = **C. subaphylla** var. **subaphylla**
- subaphylla* (Eckl. & Zeyh.) Harv. var. *puberula* (Eckl. & Zeyh.) Harv. = **C. subaphylla** var. **subaphylla**
- subaphylla** (Eckl. & Zeyh.) Harv. var. **subaphylla**
C. cogmansensis (Kuntze) K. Schum. (23)
C. incana (Eckl. & Zeyh.) Harv. (23)
C. loganiana Compton (23)
C. remota Schönland (23)
C. subaphylla (Eckl. & Zeyh.) Harv. (23)
C. subaphylla (Eckl. & Zeyh.) Harv. var. *puberula* (Eckl. & Zeyh.) Harv. (23)
Sedum cogmansense Kuntze (23)
Sphaeritis incana Eckl. & Zeyh. (23)
Sphaeritis puberula Eckl. & Zeyh. (23)
Sphaeritis subaphylla Eckl. & Zeyh. (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.8 m. Alt ± 400–2450 m. N, FS, NC, WC, EC
- subaphylla** (Eckl. & Zeyh.) Harv. var. **virgata** (Harv.) Tölken
C. virgata Harv. (23)
Perennial. Dwarf shrub, succulent. Ht ± 0.8 m. Alt 50–1100 m. NC, WC
- subbifaria* Schönland = **C. capitella** subsp. **capitella**
- subincana* (Haw.) D. Dietr. = **C. mollis**
- subsessilis* W.F. Barker = **C. tetragona** subsp. **connivens**
- subulata* in sense of Eckl. & Zeyh., not of L. = **C. cymosa**
- subulata* in sense of (Hook. f.) Harv., not of L., misapplied name = **C. lanceolata** subsp. **transvaalensis**
- subulata* in sense of P.J. Bergius; Thunb., not of L., misapplied name = **C. fascicularis**
- subulata* L. = **C. subulata** var. **subulata**
- subulata** L. var. **fastigiata** (Schönland) Tölken
C. fastigiata Schönland (23)
Perennial. Dwarf shrub, succulent. Ht 0.2–1 m. Alt 20–100 m. WC
- subulata** L. var. **hispida** Tölken
C. hispida in sense of Schönland & Baker f., not of (Haw.) D. Dietr., misapplied name (23)
Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt 500–600 m. WC
- subulata** L. var. **subulata**
C. capitata Lam. (23)
C. ramosa Thunb. (23)
C. rustii Schönland (23)
C. sphaeritis Harv. (23)
C. subulata L. (23)
Sphaeritis muricata (Thunb.) Eckl. & Zeyh. (23)
Sphaeritis typica Eckl. & Zeyh. (23)
Perennial. Dwarf shrub, succulent. Ht 0.2–1 m. Alt 50–2000 m. WC, EC
- sulcata* (Haw.) D. Dietr. = **C. nudicaulis** var. **nudicaulis**
- susannae** Rauh & Friedrich
Perennial. Herb, succulent. Ht 0.002–0.008 m. Alt 100–300 m. NC
- swaziensis** Schönland
C. argyrophylla Diels ex Schönland & Baker f. (25)
C. argyrophylla Diels ex Schönland & Baker f. var. *ramosa* Schönland (23)
- C. argyrophylla* Diels ex Schönland & Baker f. var. *swaziensis* (Schönland) Schönland (25)
- C. globularioides* Britten subsp. *argyrophylla* (Schönland & Baker f.) Tölken (23)
- C. swaziensis* Schönland forma *argyrophylla* (Diels ex Schönland & Baker f.) R. Fern. (23)
- C. swaziensis* Schönland subsp. *swaziensis* var. *swaziensis* forma *swaziensis*
Perennial. Herb, succulent. Ht ± 0.25 m. Alt 400–2000 m. LIM, NW, G, M, S, FS, KZN
- swaziensis* Schönland forma *argyrophylla* (Diels ex Schönland & Baker f.) R. Fern. = **C. swaziensis**
- swaziensis* Schönland subsp. *swaziensis* var. *swaziensis* forma *swaziensis* = **C. swaziensis**
- sylvatica* Licht. ex Schult., as ‘*sylvatica*’ = **C. strigosa**
- tabularis** Dinter
Perennial, occ. annual. Herb, succulent. Ht ± 0.3 m. Alt 1200–2000 m. N, NW, FS, NC
- tayloriae* Schönland = **C. cotyledonis**
- tecta** Thunb.
C. decipiens N.E. Br. (23)
Purgosea tecta (Thunb.) G. Don (23)
Perennial. Herb, succulent. Ht ± 0.03–0.05 m, ± 0.01 m when in flower. Alt 500–1400 m. WC, EC
- telephioides* Haw. = **C. crenulata**
- tenuicaulis** Schönland
Perennial. Herb, succulent, scrambler. Ht ± 0.02–0.05 m. Alt 1600–3400 m. FS, KZN, L
- tenuifolia* Schönland = **C. sediflora** var. **sediflora**
- tenuipedicellata** Schönland & Baker f.
C. parvipetala Schönland (23)
Annual. Herb, succulent. Ht ± 0.01 m. Alt 1200–2000 m. N, NC
- tenuis* in sense of Adamson, not of Wolley-Dod, misapplied name = **C. oblanceolata**
- tenuis* Wolley-Dod = **C. umbellata**
- teres* Marloth = **C. barklyi**
- tetragona* in sense of Harv.; of many authors, not of L., misapplied name = **C. tetragona** subsp. **robusta**
- tetragona* in sense of Thunb., not of L. = **C. tetragona** subsp. **robusta**
- tetragona* L. = **C. tetragona** subsp. **tetragona**
- tetragona** L. subsp. **acutifolia** (Lam.) Tölken
C. acutifolia Lam. (23)
C. acutifolia Lam. var. *radicans* Harv. (23)
C. acutifolia Lam. var. *typica* Schönland (23)
C. bibracteata Haw. (23)
C. macowanii Scott-Elliott (23)
Sedum radicans (Harv.) Kuntze (23)
Perennial. Dwarf shrub, succulent. Ht 0.2–1 m. Alt 200–1600 m. WC, EC
- tetragona** L. subsp. **connivens** (Schönland) Tölken
C. connivens Schönland (23)
C. subsessilis W.F. Barker (23)
Perennial. Dwarf shrub, succulent. Ht 0.2–1 m. Alt 1200–2300 m. WC, EC
- tetragona** L. subsp. **lignescens** Tölken
C. acutifolia in sense of Eckl. & Zeyh., Harv., in part (23)
C. acutifolia Lam. var. *harveyi* Schönland (23)
Perennial. Dwarf shrub, succulent, scrambler. Ht ± 0.8 m. Alt 800–1100 m. NC, WC, EC
- tetragona** L. subsp. **robusta** (Tölken) Tölken

- C. robusta* Tölken (23)
C. tetragona in sense of Harv.; of many authors, not of L., misapplied name (23)
C. tetragona in sense of Thunb., not of L. (23)
 Perennial. Dwarf shrub, succulent. Ht 0.3–1 m. Alt 50–300 m. EC
- tetragona** L. subsp. **rudis** (Schönland & Baker f.) Tölken
C. rudis Schönland & Baker f. (23)
 Perennial. Dwarf shrub, lithophyte, succulent. Ht ± 0.25 m. Alt 600–1800 m. NC, WC
- tetragona** L. subsp. **tetragona**
C. acutifolia Lam. var. *densifolia* (Harv.) Schönland (23)
C. bibracteata in sense of Eckl. & Zeyh., not of Haw. (23)
C. biplanata in sense of Eckl. & Zeyh., not of Haw. (23)
C. densifolia Harv. (23)
C. tetragona L. (23)
Sedum tetragonum (L.) Kuntze (23)
 Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt 1100–1900 m. NC, WC, EC
- thorncroftii* Burt Davy = **C. expansa** subsp. **fragilis**
- thunbergiana* Schult. = **C. thunbergiana** subsp. **thunbergiana**
- thunbergiana** Schult. subsp. **minutiflora** (Schönland & Baker f.) Tölken
C. minutiflora Schönland & Baker f. (23)
 Annual. Herb, succulent. Ht ± 0.05–0.08 m. Alt 1100–1500 m. N, NC
- thunbergiana** Schult. subsp. **thunbergiana**
C. debilis Thunb. (23)
C. decumbens (Willd.) Harv., not of Thunb., illegitimate name (23)
C. thunbergiana Schult. (23)
C. zeyheriana Schönland (23)
Purgosea debilis (Thunb.) G. Don (23)
Tillaea decumbens Willd. (23)
 Annual. Herb, succulent. Ht ± 0.05–0.1 m. Alt 20–600 m. NC, WC
- thyrsiflora* in sense of Drège, not of Thunb. = **C. capitella** subsp. **capitella**
- thyrsiflora* Thunb. = **C. capitella** subsp. **thyrsiflora**
- tomentosa* in sense of Britten & Baker f., not of Thunb. = **C. tomentosa** var. **glabrifolia**
- tomentosa* Thunb. = **C. tomentosa** var. **tomentosa**
- tomentosa** Thunb. var. **glabrifolia** (Harv.) G.D. Rowley
C. eendoornensis Dinter (23)
C. glabrifolia Harv. (23)
C. interrupta Drège ex Harv., naked name. (23)
C. interrupta Drège ex Harv. var. *glabrifolia* (Harv.) Schönland (23)
C. scalaris Schönland & Baker f. (23)
C. tomentosa in sense of Britten & Baker f., not of Thunb. (23)
C. tomentosa Thunb. var. *interrupta* (Drège ex Harv.) Tölken (23)
 Perennial, occ. biennial. Herb, succulent. Ht 0.1–0.3 m. Alt 400–1700 m. N, NC, WC
- tomentosa* Thunb. var. *interrupta* (Drège ex Harv.) Tölken = **C. tomentosa** var. **glabrifolia**
- tomentosa* Thunb. var. *setigera* (Eckl. & Zeyh.) Schönland = **C. tomentosa** var. **tomentosa**
- tomentosa** Thunb. var. **tomentosa**
C. conspicua Haw. (23)
C. linguifolia Haw. (23)
C. setigera (Eckl. & Zeyh.) Schönland (23)
C. tomentosa Thunb. (23)
C. tomentosa Thunb. var. *setigera* (Eckl. & Zeyh.) Schönland (23)
Purgosea conspicua (Haw.) Sweet (23)
Purgosea linguifolia (Haw.) Haw., as 'Turgosea' (23)
Purgosea tomentosa (Thunb.) Haw., as 'Turgosea' (23)
- Sphaeritis setigera* Eckl. & Zeyh. (23)
Sphaeritis tomentosa (Thunb.) Eckl. & Zeyh. (23)
 Perennial, occ. annual. Herb, succulent. Ht 0.2–0.6 m when in flower. Alt 50–1600 m. N, NC, WC
- tomentosa** var. **glabrifolia** × **C. tomentosa** var. **tomentosa**, putative hybrid (23)
- torquata* Baker f. = **C. cultrata**
- trachysantha* (Eckl. & Zeyh.) Harv. = **C. mesembryanthoides** subsp. **mesembryanthoides**
- transvaalensis* (Kuntze) K. Schum. = **C. lanceolata** subsp. **transvaalensis**
- triebneri* Schönland ex H. Jacobsen = **C. capitella** subsp. **thyrsiflora**
- tuberella** Tölken
 Perennial. Herb, succulent. Ht ± 0.15 m. Alt 1600–3400 m. M, FS, KZN, L
- turrita* in sense of Harv.; Schönland, not of Thunb., misapplied name = **C. capitella** subsp. **capitella**
- turrita* in sense of Jacq., not of Thunb. = **C. barbata** subsp. **barbata**
- turrita* Thunb. = **C. capitella** subsp. **thyrsiflora**
- turrita* Thunb. var. *latifolia* Harv. = **C. capitella** subsp. **capitella**
- turrita* Thunb. var. *rosea* Haw. = **C. capitella** subsp. **thyrsiflora**
- tysonii* Schönland = **C. pellucida** subsp. **brachypetala**
- umbella** Jacq.
C. flabellifolia Harv. (23)
C. loriformis Schönland & Baker f. (23)
C. weissii N.E. Br. (23)
Petrogeton umbella (Jacq.) Eckl. & Zeyh. (23)
Septas umbella (Jacq.) Haw. (23)
 Perennial. Herb, succulent. Ht 0.06–0.25 m. Alt 1800–2000 m. NC, WC, EC
- umbellata** Thunb.
Bulliarda alpina (Eckl. & Zeyh.) Harv. (23)
C. alpina (Eckl. & Zeyh.) Walp. (23)
C. nana Schönland & Baker f. (23)
C. tenuis Wolley-Dod (23)
C. umbellata Thunb. var. *nana* (Schönland & Baker f.) Schönland (23)
Petrogeton alpinum Eckl. & Zeyh. (23)
Tillaea umbellata (Thunb.) Willd. (23)
 Annual. Herb, succulent. Ht 0.002–0.04 m. Alt 50–1800 m. NC, WC, EC
- umbellata* Thunb. var. *nana* (Schönland & Baker f.) Schönland = **C. umbellata**
- umbraticola** N.E. Br.
C. crenatifolia Baker f. (23)
 Perennial. Herb, succulent. Ht 0.05–0.11 m. Alt 1800–3400 m. FS, KZN, L, EC
- undata* Haw. = **C. dejecta**
- undulata* Haw. = **C. dejecta**
- uniflora* Schönland = **C. expansa** subsp. **filicaulis**
- vaginata* Eckl. & Zeyh. = **C. vaginata** subsp. **vaginata**
- vaginata** Eckl. & Zeyh. subsp. **minuta** Tölken
 Perennial. Herb, succulent. Ht ± 0.3 m. Alt 900–1800 m. S
- vaginata** Eckl. & Zeyh. subsp. **vaginata**
C. abyssinica A. Rich. var. *vaginata* (Eckl. & Zeyh.) Engl. (23)
C. ciliata L. var. *acutifolia* E. Mey. ex Drège (23)

- C. crassiflora* (Kuntze) K. Schum. (23)
C. drakensbergensis Schönland (23)
C. retrorsa Hutchison (23)
C. spectabilis Schönland (23)
C. vaginata Eckl. & Zeyh. (23)
C. vaginata Eckl. & Zeyh. var. *hispida* Keissl. (23)
C. vaginata Eckl. & Zeyh. var. *laxa* Keissl. (23)
C. vaginata Eckl. & Zeyh. var. *parviflora* Keissl. (23)
Sedum crassiflorum Kuntze (23)
Sedum flavum (L.) Kuntze var. *lanceolatum* Kuntze (23)
Sedum flavum (L.) Kuntze var. *reflexifolium* Kuntze (23)
Sedum flavum (L.) Kuntze var. *subulatum* Kuntze (23)
Sedum vaginatum (Eckl. & Zeyh.) Kuntze (23)
 Perennial. Herb, succulent. Ht ± 0.5 m. Alt 800–3400 m. LIM, M, S, FS, KZN, L, EC
vaginata Eckl. & Zeyh. var. *hispida* Keissl. = ***C. vaginata*** subsp. ***vaginata***
vaginata Eckl. & Zeyh. var. *laxa* Keissl. = ***C. vaginata*** subsp. ***vaginata***
vaginata Eckl. & Zeyh. var. *parviflora* Keissl. = ***C. vaginata*** subsp. ***vaginata***
vaginata × ***C. alba*** var. ***parvisepala*** Schönland, putative hybrid (23)
 ****vaillantii*** (Willd.) Roth
Bulliarda vaillantii (Willd.) DC. (23)
Bulliarda vaillantii (Willd.) DC. var. *subulata* Harv. (23)
Tillaea vaillantii Willd. (23)
 Annual. Herb, succulent. Ht up to 0.15 m. Alt 50–3400 m. G, FS, KZN, L, NC, WC, EC
variabilis N.E.Br. = ***C. alpestris*** subsp. ***massonii***
velutina Friedrich = ***C. sericea*** var. ***velutina***
versicolor Burch. ex Ker Gawl. = ***C. coccinea***
vestita Thunb.
 Perennial. Herb, lithophyte, succulent. Ht ± 0.08 m. Alt 900–1600 m. NC
virgata Harv. = ***C. subaphylla*** var. ***virgata***
virgata in sense of E.Mey. ex Drège, not of Harv, naked name = ***C. flava***
watermeyerii Compton = ***C. atropurpurea*** var. ***watermeyerii***
weissii N.E.Br. = ***C. umbella***
whiteheadii Harv.
C. divaricata in sense of Schönland & Baker f., not of Eckl. & Zeyh., misapplied name (23)
 Perennial. Dwarf shrub, succulent. Ht ± 0.15 m. Alt 300–500 m. N, NC
wilmsii Diels = ***C. alba*** var. ***parvisepala***
woodii Schönland = ***C. expansa*** subsp. ***fragilis***
wyliei Schönland = ***C. inandensis***
zeyheriana Schönland = ***C. thunbergiana*** subsp. ***thunbergiana***
- CURTOGYNE** Haw. 3168080
albiflora (Sims) Eckl. & Zeyh. = ***Crassula dejecta***
burmanniana Eckl. & Zeyh. = ***Crassula flava***
dejecta in sense of Eckl. & Zeyh., not of (Jacq.) DC., misapplied name = ***Crassula fallax***
dejecta (Jacq.) DC. = ***Crassula dejecta***
flava (L.) Eckl. & Zeyh. = ***Crassula flava***
- undata* (Haw.) Haw. = ***Crassula dejecta***
undosa Haw. = ***Crassula dejecta***
undulata (Haw.) Haw. = ***Crassula dejecta***
- DASYSTEMON** DC. 3168090
calycina DC. in part = ***Crassula glomerata***
calycina DC. in part = ***Crassula pruinosa***
- DIETRICHIA** Tratt. 3168100
bicolor (Haw.) Eckl. & Zeyh. = ***Crassula fascicularis***
coccinea (L.) Tratt. = ***Crassula coccinea***
jasminea (Sims) Eckl. & Zeyh. = ***Crassula obtusa***
jasminea (Sims) Eckl. & Zeyh. var. *uniflora* Eckl. & Zeyh. = ***Crassula obtusa***
media (Haw.) Eckl. & Zeyh. = ***Crassula fascicularis***
odoratissima (Andrews) Tratt. ex Eckl. & Zeyh. = ***Crassula fascicularis***
versicolor (Ker Gawl.) Eckl. & Zeyh. = ***Crassula coccinea***
- DINACRIA** Harv. 3168020
filiformis (Eckl. & Zeyh.) Harv. = ***Crassula filiformis***
grammanthoides Schönland = ***Crassula grammanthoides***
sebaeoides (Eckl. & Zeyh.) Schönland = ***Crassula sebaeoides***
- GLOBULEA** Haw. 3168120
atropurpurea Haw. = ***Crassula atropurpurea*** var. ***atropurpurea***
canescens Haw. = ***Crassula nudicaulis*** var. ***nudicaulis***
canescens Haw. var. *angustifolia* Eckl. & Zeyh. = ***Crassula nudicaulis*** var. ***nudicaulis***
capitata Salm-Dyck ex Haw. = ***Crassula nudicaulis*** var. ***nudicaulis***
cultrata (L.) Haw. = ***Crassula cultrata***
hispida Haw. = ***Crassula mesembryanthoides*** subsp. ***hispida***
impressa Haw. = ***Crassula capitella*** subsp. ***capitella***
impressa Haw. var. *minor* Haw. = ***Crassula capitella*** subsp. ***capitella***
lingua Haw., naked name = ***Crassula nudicaulis*** var. ***nudicaulis***
lingula Haw. (insufficiently known)
lingulifolia Haw. (insufficiently known)
mesembryanthemoides in sense of Drège, not of Haw. = ***Crassula scabra***
mesembryanthoides Haw. = ***Crassula mesembryanthoides*** subsp. ***mesembryanthoides***
mollis (Thunb.) Haw. ex DC. = ***Crassula mollis***
nudicaulis (L.) Haw. = ***Crassula nudicaulis*** var. ***nudicaulis***
obvallata in sense of Eckl. & Zeyh., not of (L.) Haw. = ***Crassula cotyledonis***
obvallata (L.) Haw. = ***Crassula nudicaulis*** var. ***nudicaulis***

paniculata Haw. = **Crassula capitella** subsp. **capitella**
radicans Haw. = **Crassula pubescens** subsp. **radicans**
stricta Drège, as 'Globulia', naked name = **Crassula**
alba var. **alba**

subincana Haw. = **Crassula mollis**

subincana Haw. var. *decumbens* Haw. = **Crassula mollis**

subincana Haw. var. *erecta* Haw. = **Crassula mollis**

sulcata Haw. = **Crassula nudicaulis** var. **nudicaulis**

GRAMMANTHES DC. 3170000

chloraeflora (Haw.) DC. = **Crassula dichotoma**

chloraeflora (Haw.) DC. var. *caesia* Hook.f. = **Crassula**
dichotoma

depressa Eckl. & Zeyh. = **Crassula depressa**

filiformis Eckl. & Zeyh. = **Crassula filiformis**

flava E.Mey. ex Drège = **Crassula sebaeoides**

gentianoides (Lam.) DC. = **Crassula dichotoma**

gentianoides (Lam.) DC. var. *caesia* Hook. f. = **Cras-**
sula dichotoma

gentianoides (Lam.) DC. var. *chloraeflora* (Haw.) Harv.
 = **Crassula dichotoma**

gentianoides (Lam.) DC. var. *depressa* (Eckl. & Zeyh.)
 Harv. = **Crassula depressa**

gentianoides (Lam.) DC. var. *media* Harv. = **Crassula**
sebaeoides

gentianoides (Lam.) DC. var. *sebaeoides* (Eckl. & Zeyh.)
 Harv. = **Crassula sebaeoides**

gentianoides (Lam.) DC. var. *vera* (Haw.) Harv. = **Cras-**
sula dichotoma

retroflexa (Thunb.) Sweet = **Crassula dichotoma**

sebaeoides Eckl. & Zeyh. = **Crassula sebaeoides**

HELOPHYTUM Eckl. & Zeyh. 3168030

filiforme Eckl. & Zeyh. = **Crassula natans** var. **natans**

filiforme Eckl. & Zeyh. var. *parvulum* Eckl. & Zeyh. =
Crassula natans var. **natans**

fluitans Eckl. & Zeyh. = **Crassula natans** var. **natans**

fluitans Eckl. & Zeyh. var. *intermedium* Eckl. & Zeyh.
 = **Crassula natans** var. **natans**

fluitans Eckl. & Zeyh. var. *obovatum* Eckl. & Zeyh. =
Crassula natans var. **natans**

inane (Thunb.) Eckl. & Zeyh. = **Crassula inanis**

inane (Thunb.) Eckl. & Zeyh. var. *latifolium* Eckl. & Zeyh.
 = **Crassula inanis**

natans (Thunb.) Eckl. & Zeyh. = **Crassula natans** var.
natans

natans (Thunb.) Eckl. & Zeyh. var. *amphibia* Harv. =
Crassula natans var. **natans**

natans (Thunb.) Eckl. & Zeyh. var. *filiformis* (Eckl. &
 Zeyh.) Harv. = **Crassula natans** var. **minus**

natans (Thunb.) Eckl. & Zeyh. var. *fluitans* (Eckl. &
 Zeyh.) Harv. = **Crassula natans** var. **natans**

natans (Thunb.) Eckl. & Zeyh. var. *minus* Eckl. & Zeyh.
 = **Crassula natans** var. **minus**

natans (Thunb.) Eckl. & Zeyh. var. *obovatum* (Eckl. &
 Zeyh.) Harv. = **Crassula natans** var. **natans**

reflexum Eckl. & Zeyh. = **Crassula natans** var. **natans**

KALANCHOE Adans. 3166000

(1) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 341.

(2) Verdoorn. 1945. *The Flowering Plants of Africa* 25: t. 967.

(3) Dyer. 1947. *The Flowering Plants of Africa* 26: t. 1007.

(4) Tölken. 1982. *The Flowering Plants of Africa* 47: t. 1848.

(5) Tölken. 1983. *The Flowering Plants of Africa* 47: t. 1878.

(6) Tölken. 1985. *FSA* 14: 61–71.

(7) Springate. 1995. *European garden flora* 4: 178–185.

albiflora H.M.L.Forbes = **K. luciae** subsp. **luciae**

aleurodes Stearn = **K. luciae** subsp. **luciae**

alternans in sense of Eckl. & Zeyh., not of Pers. = **K.**
thyrsiflora

alticola Compton

Perennial. Dwarf shrub, succulent. Ht ± 0.7 m. Alt
 900–1800 m. M, S

brachyloba Welw. ex Britten

K. multiflora Schinz (6)

K. pruinosa Dinter (6)

K. pyramidalis Schönland (6)

Perennial. Shrub, succulent. Ht ± 2 m. Alt 50–1800 m.

N, B, LIM, NW, G, M, S, FS, KZN, L, NC

carnea N.E.Br. (insufficiently known) (6)

crenata (Andrews) Haw.

K. hirta Harv. (6)

K. integra (Medik.) Kuntze (7)

Verea crenata Andrews, as 'Vereia' (6)

Perennial. Shrub, succulent. Ht ± 1.5 m. Alt 800–1900
 m. KZN, EC

crundallii I. Verd. (2)

Perennial. Dwarf shrub, succulent. Ht ± 0.9 m. Alt 50–
 1800 m. LIM

decumbens Compton = **K. rotundifolia**

delagoensis Eckl. & Zeyh. = **Bryophyllum delagoense**

glandulosa Hochst. ex Rich. = **K. lanceolata**

glandulosa Hochst. ex Rich. var. *benguelensis* Engl. =
K. lanceolata

glandulosa Hochst. ex Rich. var. *tomentosa* Keissl. = **K.**
lanceolata

gregaria Dinter = **K. lanceolata**

guillauminii Raym.-Hamet = **K. rotundifolia**

hirta Harv. = **K. crenata**

hirta in sense of Dinter, not of Harv. = **K. lanceolata**

integra (Medik.) Kuntze = **K. crenata**

junodii Schinz = **K. lanceolata**

laciniata (L.) DC.

Cotyledon laciniata L. (6)

K. schweinfurthii Penz. (6)

Verea laciniata (L.) Willd. (6)

Perennial. Shrub, succulent. Ht ± 1 m. Alt 1200–1800
 m. N

lanceolata (Forssk.) Pers.

Cotyledon lanceolata Forssk. (6)

K. glandulosa Hochst. ex Rich. (6)

K. glandulosa Hochst. ex Rich. var. *benguelensis* Engl. (6)

K. glandulosa Hochst. ex Rich. var. *tomentosa* Keissl. (6)

K. gregaria Dinter (6)

K. hirta in sense of Dinter, not of Harv. (6)

K. junodii Schinz (6)

K. pentheri Schltr. (6)

Perennial. Shrub, succulent. Ht ± 1.5 m. Alt 50–1800
 m. N, B, LIM, NW, G, M, S

longiflora Schltr. ex J.M. Wood

- Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 800–1700 m. KZN
- luciae* Raym.-Hamet = **K. luciae** subsp. **luciae**
- luciae** Raym.-Hamet subsp. **luciae**
K. albiflora H.M.L.Forbes (6)
K. aleurodes Stearn (6)
K. luciae Raym.-Hamet (6)
 Perennial. Shrub, succulent. Ht ± 2 m. Alt 50–1800 m. LIM, NW, G, M, S, KZN
- luciae** Raym.-Hamet subsp. **montana** (Compton) Tölken
K. montana Compton (6)
 Perennial. Shrub, succulent. Ht ± 1 m. Alt 800–1800 m. M, S
- luebbertiana* Engl. = **K. rotundifolia**
- montana* Compton = **K. luciae** subsp. **montana**
- multiflora* Schinz = **K. brachyloba**
- neglecta** Tölken
K. rotundifolia (Haw.) Haw. forma *peltata* Raym.-Hamet ex R.Fern. (6)
 Perennial. Shrub, succulent. Ht ± 1 m. Alt 50–300 m. KZN
- oblongifolia* Harv. = **K. paniculata**
- paniculata** Harv.
K. oblongifolia Harv. (6)
 Perennial. Shrub, succulent. Ht ± 1.2 m. Alt 50–1800 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC
- pentheri* Schltr. = **K. lanceolata**
- praesidentis-malani* Raym.-Hamet (insufficiently known) (6)
- praesidentis-verwoerdii* Raym.-Hamet (insufficiently known) (6)
- pruinosa* Dinter = **K. brachyloba**
- pyramidalis* Schönland = **K. brachyloba**
- rogersii* Raym.-Hamet = **K. sexangularis**
- rotundifolia** (Haw.) Haw.
Crassula rotundifolia Haw. (6)
K. decumbens Compton (6)
K. guillauminii Raym.-Hamet (6)
K. luebbertiana Engl. (6)
K. rotundifolia (Haw.) Haw. forma. *tripartita* Raym.-Hamet ex R.Fern. (6)
Verea rotundifolia (Haw.) D.Dietr. (6)
 Perennial. Dwarf shrub, succulent. Ht ± 1.2 m. Alt 50–1800 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC
- rotundifolia* (Haw.) Haw. forma. *peltata* Raym.-Hamet ex R.Fern. = **K. neglecta**
- rotundifolia* (Haw.) Haw. forma. *tripartita* Raym.-Hamet ex R.Fern. = **K. rotundifolia**
- rotundifolia* (Haw.) Haw. var. *aequimagnisepala* Raym.-Hamet (insufficiently known) (6)
- rotundifolia* (Haw.) Haw. var. *guillauminii* Raym.-Hamet (insufficiently known) (6)
- rotundifolia* (Haw.) Haw. var. *strictifolia* Raym.-Hamet (insufficiently known) (6)
- rubinea* Tölken = **K. sexangularis**
- schweinfurthii* Penz. = **K. laciniata**
- sexangularis* N.E.Br. = **K. sexangularis** var. **sexangularis**
- sexangularis** N.E.Br. var. **sexangularis**
K. rogersii Raym.-Hamet (6)
K. rubinea Tölken (6)
K. sexangularis N.E.Br. (6)
- Perennial. Dwarf shrub, succulent. Ht ± 1 m. Alt 400–2200 m. LIM, M, S, KZN
- thyrsiflora** Harv.
K. alternans in sense of Eckl. & Zeyh., not of Pers. (6)
 Perennial. Shrub, lithophyte, succulent. Ht ± 1.5 m. Alt 400–3400 m. B, LIM, NW, G, M, S, FS, KZN, L
- tubiflora* Raym.-Hamet = **Bryophyllum delagoense**
- KALOSANTHES** Haw. 3168130
- bicolor* Haw. = **Crassula fascicularis**
- biconvexa* (Haw.) Haw. = **Crassula fascicularis**
- capitata* (Lodd.) Sweet = **Crassula fascicularis**
- coccinea* (L.) Haw. = **Crassula coccinea**
- coccinea* (L.) Haw. var. *alba* Haw. = **Crassula coccinea**
- cymosa* (P.J.Bergius) Haw. = **Crassula fascicularis**
- fascicularis* (Lam.) G.Don = **Crassula fascicularis**
- flava* (L.) Sweet = **Crassula flava**
- jasminea* (Sims) Haw. = **Crassula obtusa**
- media* Haw. = **Crassula fascicularis**
- odoratissima* (Andrews) Haw. = **Crassula fascicularis**
- odoratissima* (Andrews) Haw. var. *alba* (DC.) G.Don = **Crassula fascicularis**
- versicolor* (Ker Gawl.) Haw. = **Crassula coccinea**
- LAROCHEA** Pers. 3168140
- coccinea* (L.) Pers. = **Crassula coccinea**
- cymosa* (P.J.Bergius) Haw. in part = **Crassula cymosa**
- cymosa* (P.J.Bergius) Haw. in part = **Crassula fascicularis**
- falcata* (J.C.Wendl.) Pers. = **Crassula perfoliata** var. **minor**
- falcata* (J.C.Wendl.) Pers. var. *minor* Haw. = **Crassula perfoliata** var. **minor**
- fascicularis* (Lam.) Schult. = **Crassula fascicularis**
- flava* (L.) Haw. = **Crassula flava**
- odoratissima* (Andrews) Haw. = **Crassula fascicularis**
- odoratissima* (Andrews) Haw. var. *bicolor* (Haw.) DC. = **Crassula fascicularis**
- perfoliata* (L.) Haw. = **Crassula perfoliata** var. **perfoliata**
- perfoliata* (L.) Haw. var. *alba* Haw. = **Crassula perfoliata** var. **perfoliata**
- tiniflora* Lem. = **Crassula fascicularis**
- PAGELLA** Schönland 3168040
- archeri* Schönland = **Crassula pageae**
- PETROGETON** Eckl. & Zeyh. 3168150
- alpinum* Eckl. & Zeyh. = **Crassula umbellata**
- nemosum* Eckl. & Zeyh. = **Crassula nemorosa**
- nivale* Eckl. & Zeyh. = **Crassula nemorosa**
- patens* Eckl. & Zeyh. = **Crassula dentata**
- typicum* Eckl. & Zeyh. = **Crassula dentata**
- typicum* Eckl. & Zeyh. var. *minus* Eckl. & Zeyh. = **Crassula dentata**
- umbella* (Jacq.) Eckl. & Zeyh. = **Crassula umbella**

- PURGOSEA* Haw. 3168110
aloooides (Dryand.) Haw. = **Crassula capitella** subsp. **capitella**
aloooides in sense of Eckl. & Zeyh., as ‘*Pyrgosea alooides*’, not of (Dryand.) Haw. = **Crassula capitella** subsp. **thyrsiflora**
alpestris (Thunb.) G.Don = **Crassula alpestris** subsp. **alpestris**
barbata (Thunb.) G.Don, as ‘*Purgosia*’ = **Crassula barbata** subsp. **barbata**
capitella (Thunb.) Sweet, as ‘*capitellata*’ = **Crassula capitella** subsp. **capitella**
cephalophora (Thunb.) G.Don = **Crassula nudicaulis** var. **nudicaulis**
ciliata (L.) Sweet = **Crassula ciliata**
concinella (Haw.) Sweet (insufficiently known)
concinna (Haw.) Sweet (insufficiently known)
conspicua (Haw.) Sweet = **Crassula tomentosa** var. **tomentosa**
corymbulosa (Link & Otto) Sweet = **Crassula capitella** subsp. **thyrsiflora**
cotyledonis (Thunb.) Sweet = **Crassula cotyledonis**
crenulata (Thunb.) G.Don = **Crassula crenulata**
debilis (Thunb.) G.Don = **Crassula thunbergiana** subsp. **thunbergiana**
dentata (Thunb.) G.Don = **Crassula dentata**
hemisphaerica (Thunb.) G.Don = **Crassula hemisphaerica**
hirta (Thunb.) G.Don = **Crassula nudicaulis** var. **nudicaulis**
linguifolia (Haw.) Haw., as ‘*Turgosea*’ = **Crassula tomentosa** var. **tomentosa**
lingulifolia (Haw.) Sweet (insufficiently known)
minima (Thunb.) G.Don = **Crassula dentata**
montana (Thunb.) G.Don = **Crassula montana** subsp. **montana**
obovata (Haw.) Haw. = **Crassula obovata** var. **obovata**
pertusa (Haw.) Haw. = **Crassula capitella** subsp. **thyrsiflora**
pertusula Haw. = **Crassula capitella** subsp. **thyrsiflora**
punctata (L.) Sweet (insufficiently known)
pyramidalis (Thunb.) G.Don = **Crassula pyramidalis**
sediflora Eckl. & Zeyh., as ‘*Pyrgosea*’ = **Crassula sediflora** var. **sediflora**
spicata (Thunb.) G.Don = **Crassula capitella** subsp. **capitella**
tecta (Thunb.) G.Don = **Crassula tecta**
thyrsiflora (Thunb.) Sweet = **Crassula capitella** subsp. **thyrsiflora**
tomentosa (Thunb.) Haw., as ‘*Turgosea*’ = **Crassula tomentosa** var. **tomentosa**
turruta (Thunb.) Sweet in part = **Crassula capitella** subsp. **capitella**
turruta (Thunb.) Sweet in part, naked name = **Crassula capitella** subsp. **thyrsiflora**
- turruta* (Thunb.) Sweet var. *alba* Sweet = **Crassula capitella** subsp. **thyrsiflora**
- RHOPALOTA* N.E.Br. 3168050
aphylla (Schönland & Baker f.) N.E.Br. = **Crassula aphylla**
- ROCHEA* DC. 3171000
albiflora (Sims) DC. = **Crassula dejecta**
bicolor (Haw.) Steud. = **Crassula fascicularis**
biconvexa (Haw.) DC. = **Crassula fascicularis**
coccinea (L.) DC. = **Crassula coccinea**
cymosa (P.J.Bergius) DC. in part = **Crassula cymosa**
falcata (J.C.Wendl.) DC. = **Crassula perfoliata** var. **minor**
falcata (J.C.Wendl.) DC. var. *acuminata* Eckl. & Zeyh. = **Crassula perfoliata** var. **perfoliata**
falcata (J.C.Wendl.) DC. var. *minor* (Haw.) DC. = **Crassula perfoliata** var. **minor**
fascicularis (Lam.) DC. = **Crassula fascicularis**
flava (L.) DC. = **Crassula flava**
jasminea (Sims) DC. = **Crassula obtusa**
media (Haw.) DC. = **Crassula fascicularis**
microphylla E.Mey. ex Drège, naked name = **Crassula obtusa**
odoratissima (Andrews) Link = **Crassula fascicularis**
odoratissima (Andrews) Link var. *alba* DC. = **Crassula fascicularis**
odoratissima (Andrews) Link var. *bicolor* (Haw.) DC. = **Crassula fascicularis**
perfoliata (L.) DC. in part = **Crassula perfoliata** var. **perfoliata**
perfoliata (L.) DC. in part as to specimen var. *a* = **Crassula perfoliata** var. **coccinea**
perfoliata (L.) DC. var. *alba* (Haw.) Sweet = **Crassula perfoliata** var. **perfoliata**
perfoliata (L.) DC. var. *coccinea* Sweet = **Crassula perfoliata** var. **coccinea**
perfoliata (L.) DC. var. *glabberima* E.Mey. ex Drège, naked name = **Crassula macowaniana**
subulata (L.) Adamson = **Crassula fascicularis**
versicolor in sense of Harv. in part, not of (Ker Gawl.) Link, misapplied name = **Crassula fascicularis**
versicolor (Ker Gawl.) Link = **Crassula coccinea**
- SARCOLIPES* Eckl. & Zeyh. 3168160
pubescens Eckl. & Zeyh. = **Crassula strigosa**
- SEDUM* Tourn. ex. L. 3162040
caffrum Kuntze = **Crassula sarcocaulis** subsp. **rupicola**
campestre (Eckl. & Zeyh.) Kuntze = **Crassula campestris**
canescens (Schult.) Kuntze var. *caulescens* Kuntze = **Crassula rogersii**
ciliatum (L.) Kuntze = **Crassula ciliata**

- cogmanense* Kuntze = **Crassula subaphylla** var. **subaphylla**
- corymbulosum* (Link & Otto) Kuntze in part = **Crassula capitella** subsp. **thyrsiflora**
- corymbulosum* (Link & Otto) Kuntze in part = **Crassula capitella** subsp. **capitella**
- crassiflorum* Kuntze = **Crassula vaginata** subsp. **vaginata**
- cymosum* (P.J.Bergius) Kuntze = **Crassula cymosa**
- dregeanum* (Harv.) Kuntze var. *adscendens* Kuntze = **Crassula setulosa** var. **setulosa**
- dregeanum* (Harv.) Kuntze var. *erectum* Kuntze = **Crassula setulosa** var. **rubra**
- dregeanum* (Harv.) Kuntze forma *intermedium* Kuntze = putative hybrid of **Crassula setulosa** var. **rubra** × **Crassula setulosa** var. **setulosa**
- expansum* (Dryand. in Aiton) Kuntze = **Crassula expansa** subsp. **expansa**
- flavum* (L.) Kuntze = **Crassula flava**
- flavum* (L.) Kuntze var. *brevifolium* Kuntze = **Crassula flava**
- flavum* (L.) Kuntze var. *lanceolatum* Kuntze = **Crassula vaginata** subsp. **vaginata**
- flavum* (L.) Kuntze var. *lorifolium* Kuntze = **Crassula flava**
- flavum* (L.) Kuntze var. *reflexifolium* Kuntze = **Crassula vaginata** subsp. **vaginata**
- flavum* (L.) Kuntze var. *subulatum* Kuntze = **Crassula vaginata** subsp. **vaginata**
- lycopodioides* (Lam.) Kuntze = **Crassula muscosa** var. **muscosa**
- muscosum* (L.) Kuntze in part = **Crassula lanceolata** subsp. **lanceolata**
- radicans* (Harv.) Kuntze = **Crassula tetragona** subsp. **acutifolia**
- ramuliflorum* (Link & Otto) Kuntze = **Crassula obovata** var. **obovata**
- ramuliflorum* (Link & Otto) Kuntze forma *rubriflorum* Kuntze = **Crassula obovata** var. **obovata**
- ramuliflorum* (Link & Otto) Kuntze var. *oblongifolia* Kuntze = **Crassula obovata** var. **obovata**
- regelii* Kuntze = **Crassula exilis** subsp. **cooperi**
- scabrum* (L.) Kuntze var. *intermedium* Kuntze, putative hybrid of **Crassula pruinosa** × **Crassula scabra**
- tetragonum* (L.) Kuntze = **Crassula tetragona** subsp. **tetragona**
- transvaalense* Kuntze, as ‘*transvalense*’ = **Crassula lanceolata** subsp. **transvaalensis**
- vaginatum* (Eckl. & Zeyh.) Kuntze = **Crassula vaginata** subsp. **vaginata**
- SEPTAS** L. 3168170
- capensis* L. = **Crassula capensis** var. **capensis**
- globifera* in sense of Eckl. & Zeyh., not of Sims = **Crassula saxifraga**
- globifera* Sims, as ‘*globiflora*’ = **Crassula capensis** var. **capensis**
- umbella* (Jacq.) Haw. = **Crassula umbella**
- SPHAERITIS** Eckl. & Zeyh. 3168180
- biconvexa* Eckl. & Zeyh. = **Crassula pubescens** subsp. **pubescens**
- incana* Eckl. & Zeyh. = **Crassula subaphylla** var. **subaphylla**
- margaritifera* Eckl. & Zeyh. = **Crassula mollis**
- muricata* (Thunb.) Eckl. & Zeyh. = **Crassula subulata** var. **subulata**
- paucifolia* Eckl. & Zeyh. = **Crassula mesembryanthoides** subsp. **hispida**
- puberula* Eckl. & Zeyh. = **Crassula subaphylla** var. **subaphylla**
- setigera* Eckl. & Zeyh. = **Crassula tomentosa** var. **tomentosa**
- subaphylla* Eckl. & Zeyh. = **Crassula subaphylla** var. **subaphylla**
- tomentosa* (Thunb.) Eckl. & Zeyh. = **Crassula tomentosa** var. **tomentosa**
- trachysantha* Eckl. & Zeyh. = **Crassula mesembryanthoides** subsp. **mesembryanthoides**
- typica* Eckl. & Zeyh. = **Crassula subulata** var. **subulata**
- TETRAPHYLE** Eckl. & Zeyh. 3168200
- furcata* Eckl. & Zeyh. = **Crassula ericoides** subsp. **ericoides**
- lanceolata* Eckl. & Zeyh. = **Crassula lanceolata** subsp. **lanceolata**
- littoralis* Eckl. & Zeyh. = **Crassula muscosa** var. **muscosa**
- lycopodioides* (Lam.) Eckl. & Zeyh. = **Crassula muscosa** var. **muscosa**
- muscosa* (L.) Eckl. & Zeyh. in part = **Crassula lanceolata** subsp. **lanceolata**
- muscosa* (L.) Eckl. & Zeyh. in part = **Crassula muscosa** var. **muscosa**
- parvula* Eckl. & Zeyh. = **Crassula muscosa** var. **parvula**
- propinqua* (Eckl. & Zeyh.) Endl. ex Walp. = **Crassula muscosa** var. **obtusifolia**
- pyramidalis* (Thunb.) Eckl. & Zeyh. = **Crassula pyramidalis**
- quadrangula* Eckl. & Zeyh. = **Crassula pyramidalis**
- TILLAEA** L. 3168060
- alsinoides* Hook.f. = **Crassula pellucida** subsp. **alsinoides**
- brevifolia* (Eckl. & Zeyh.) Walp. = **Crassula decumbens** var. **brachyphylla**
- capensis* L.f. = **Crassula natans** var. **natans**
- decumbens* Willd. = **Crassula thunbergiana** subsp. **thunbergiana**
- ecklonis* Walp. = **Crassula natans** var. **minus**
- elatinooides* (Eckl. & Zeyh.) Walp. = **Crassula elatinooides**

filiformis (Eckl. & Zeyh.) Endl. ex Walp. = **Crassula natans** var. **natans**

filiformis (Eckl. & Zeyh.) Endl. ex Walp. var. *parvula* (Eckl. & Zeyh.) Endl. ex Walp. = **Crassula natans** var. **natans**

fluitans (Eckl. & Zeyh.) Endl. ex Walp. = **Crassula natans** var. **natans**

fluitans (Eckl. & Zeyh.) Endl. ex Walp. var. *intermedia* (Eckl. & Zeyh.) Endl. ex Walp. = **Crassula natans** var. **natans**

fluitans (Eckl. & Zeyh.) Endl. ex Walp. var. *obovata* (Eckl. & Zeyh.) Endl. ex Walp. = **Crassula natans** var. **natans**

inanis (Thunb.) Steud. = **Crassula inanis**

perfoliata L.f. = **Crassula inanis**

perfoliata L.f. var. *latifolium* (Eckl. & Zeyh.) Walp. = **Crassula inanis**

reflexa (Eckl. & Zeyh.) Endl. ex Walp. = **Crassula natans** var. **natans**

subulata (Hook.f.) Britten = **Crassula lanceolata** subsp. **transvaalensis**

trichotoma (Eckl. & Zeyh.) Walp. = **Crassula decumbens** var. **decumbens**

umbellata (Thunb.) Willd. = **Crassula umbellata**

vaillantii Willd. = **Crassula vaillantii**

TYLECODON Tölken 3164010

- (1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 249.
- (2) Barker. 1930. *The Flowering Plants of South Africa* 10: tt. 394, 396.
- (3) Barker. 1938. *The Flowering Plants of South Africa* 18: t. 690.
- (4) Dyer. 1942. *The Flowering Plants of South Africa* 22: t. 848.
- (5) Dyer. 1948. *The Flowering Plants of Africa* 27: t. 1046.
- (6) Henderson. 1953. *The Flowering Plants of Africa* 29: t. 1142.
- (7) Dyer. 1963. *The Flowering Plants of Africa* 36: t. 1411.
- (8) Dyer. 1971. *The Flowering Plants of Africa* 41: tt. 1606, 1631.
- (9) Tölken. 1978. *The Flowering Plants of Africa* 45: t. 1774.
- (10) Tölken. 1985. *FSA* 14: 19–35.
- (11) Van Jaarsveld. 1988. *Aloe* 25: 30–32.
- (12) Bruyns. 1989. *South African Journal of Botany* 55: 332–336.
- (13) Van Jaarsveld. 1989. *The Flowering Plants of Africa* 50: tt. 1983, 1984.
- (14) Bruyns. 1990. *South African Journal of Botany* 56: 125–132, 506.
- (15) Van Jaarsveld. 1990. *The Flowering Plants of Africa* 51: t. 2006.
- (16) Bruyns. 1992. *South African Journal of Botany* 58: 50–55.
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- (19) Van Jaarsveld & Williamson. 1994. *Aloe* 31: 56–59.
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- (23) Van Jaarsveld. 1998. *Aloe* 35: 10, 11.
- (24) Williamson. 1998. *Cactus and Succulent Journal (U.S.)* 70: 127, 128, 255–258.
- (25) Williamson & Van Jaarsveld. 1999. *Aloe* 36: 43, 44.
- (26) Lavranos. 2000. *Piante Grasse* 20: 125.

albiflorus Bruyns

Perennial. Dwarf shrub, succulent. Ht 0.05–0.15 m. Alt 400–800 m. WC

aridimontanus G. Will.

Perennial. Dwarf succulent. Ht 0.045–0.1 m. Alt 600–1000 m. N

atropurpureus Bruyns

Perennial. Dwarf succulent geophyte. Ht 0.05–0.15 m. Alt 700–800 m. NC

aurusbergensis G. Will. & Van Jaarsv.

Perennial. Dwarf succulent. Ht 0.03–0.08 m. Alt 900–1082 m. N

bayeri Van Jaarsv.

Perennial. Dwarf succulent. Ht 0.005–0.08 m. Alt 500–800 m. NC

bleckiae G. Will.

Perennial. Dwarf succulent. Ht 0.045–0.075 m. Alt 600–900 m. N, NC

bodleyae Van Jaarsv.

Perennial. Dwarf succulent. Ht 0.03–0.1 m. Alt 350–470 m. NC

buchholzianus (Schuldt & P. Stephan) Tölken subsp. buchholzianus

Cotyledon buchholziana Schuldt & P. Stephan (10)
Perennial. Dwarf shrub, succulent. Ht 0.05–0.3 m. Alt 50–700 m. N, NC

buchholzianus (Schuldt & P. Stephan) Tölken subsp. fasciculatus G. Will.

Perennial. Dwarf shrub, succulent. Ht 0.045–0.2 m. Alt 300–480 m. NC

cacalioides (L.f.) Tölken

Cotyledon cacalioides L.f. (10)
Perennial. Shrub, succulent. Ht 0.3–1 m. Alt 300–1200 m. WC, EC

cacalioides (L.f.) Tölken × T. paniculatus (L.f.) Tölken, putative hybrid

Cotyledon fergusoniae L. Bolus (10)

cordiformis G. Will.

Perennial. Dwarf succulent. Ht 0.005–0.03 m. Alt 400–600 m. NC

cremnophilus Bruyns = T. ellaphieae

decipiens Tölken

Perennial. Dwarf shrub, succulent. Ht 0.05–0.2 m. Alt 300–480 m. NC

ellaphieae Van Jaarsv.

T. cremnophilus Bruyns (14)
Perennial. Dwarf succulent. Ht 0.02–0.1 m. Alt 600–1200 m. NC

faucium (Poelln.) Tölken

Cotyledon faucium Poelln. (10)
Perennial. Dwarf shrub, succulent. Ht 0.01–0.15 m. Alt 1100–1400 m. WC

fragilis (R.A. Dyer) Tölken

Cotyledon fragilis R.A. Dyer (10)
Perennial. Dwarf succulent. Ht 0.01–0.2 m. Alt 5–20 m. WC

grandiflorus (Burm.f.) Tölken

Cotyledon curviflora Sims (10)
Cotyledon grandiflora Burm.f. (10)
Cotyledon purpurea in sense of Haw., not of Thunb. (10)
Cotyledon tuberculosa Lam. (10)
Perennial. Dwarf shrub, succulent. Ht 0.15–0.5 m. Alt 50–300 m. WC, NC

hallii (Tölken) Tölken

Cotyledon hallii Tölken (10)
Cotyledon pearsonii Schönland in part (10)
Perennial. Dwarf shrub, succulent. Ht 0.15–0.3 m. Alt 300–800 m. N, NC

hirtifolius (W.F. Barker) Tölken

Cotyledon hirtifolia W.F. Barker (10)
Perennial. Dwarf shrub, succulent. Ht 0.15–0.3 m. Alt 600–850 m. NC

kritzingeri Van Jaarsv.

Perennial. Climber, succulent. Ht 0.2–1 m. Alt 500–1200 m. NC

leucothrix (C.A.Sm.) Tölken

Adromischus leucothrix C.A.Sm. (10)

Cotyledon leucothrix (C.A.Sm.) Fourc. (10)

Cotyledon swartbergensis Poelln. (10)

Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt 400–700 m. WC, EC

longipes Van Jaarsv. & G.Will.

Perennial. Dwarf succulent. Ht 0.02–0.2 m. Alt 400–800 m. NC

mallei G.Will.

Perennial. Dwarf succulent. Ht 0.06–0.25 m. Alt 500–700 m. NC

nigricaulis G.Will. & Van Jaarsv.

Perennial. Dwarf succulent. Ht 0.05–0.08 m. Alt 700–900 m. NC

noitei Lavranos

Perennial. Dwarf succulent. Ht 0.02–0.05 m. Alt 250–400 m. WC

occultans (Tölken) Tölken

Cotyledon occultans Tölken (10)

Perennial. Dwarf geophyte, succulent. Ht 0.005–0.01 m. Alt 250–450 m. WC

paniculatus (L.f.) Tölken

Cotyledon fascicularis Aiton (10)

Cotyledon mollis Dinter (10)

Cotyledon paniculata L.f. (10)

Cotyledon spuria L. in part (10)

Cotyledon tardiflora Bonpl. (10)

Perennial. Shrub, succulent. Ht 0.5–2 m. Alt 50–1200 m. N, NC, WC, EC

papillaris (L.) G.D.Rowley (insufficiently known) (10)**pearsonii** (Schönland) Tölken

Cotyledon luteosquamata Poelln. (10)

Cotyledon pearsonii Schönland in part (10)

Perennial. Dwarf shrub, succulent. Ht 0.05–0.15 m. Alt 300–1100 m. N, NC, WC

peculiaris Van Jaarsv.

Perennial. Dwarf succulent. Ht 0.005–0.01 m. Alt 200–300 m. WC

pusillus Bruyns

Perennial. Geophyte, succulent. Ht 0.005–0.01 m. Alt 600–950 m. NC

pygmaeus (W.F.Barker) Tölken

Cotyledon pygmaea W.F.Barker (10)

Perennial. Dwarf succulent. Ht 0.025–0.15 m. Alt 150–300 m. WC

pygmaeus (W.F.Barker) Tölken var. *tenuis* (Tölken)

Tölken = **T. tenuis**

racemosus (Harv.) Tölken

Cotyledon chloroleuca Dinter ex Friedrich (10)

Cotyledon racemosa Harv. in part (10)

Perennial. Dwarf shrub, succulent. Ht 0.1–0.4 m. Alt 200–1000 m. N, NC

reticulatus (L.f.) Tölken subsp. **phylopodium** Tölken

Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt 50–700 m. N, NC

reticulatus (L.f.) Tölken subsp. **reticulatus**

Cotyledon dichotoma Haw. (10)

Cotyledon parvula Burch. (10)

Cotyledon reticulata L.f. (10)

Perennial. Shrub, dwarf shrub, succulent. Ht 0.05–0.4 m. Alt 20–1200 m. N, NC, WC, EC

rubrovenosus (Dinter) Tölken

Cotyledon rubrovenosa Dinter (10)

Perennial. Shrub, dwarf shrub, succulent. Ht 0.15–0.4 m. Alt 500–1200 m. N, NC

scandens Van Jaarsv. = **T. tenuis****schaeferianus** (Dinter) Tölken

Adromischus hoerleinianus (Dinter) Poelln. (10)

Adromischus hoerleinianus (Dinter) Poelln. var. *schaeferi* Dinter (10)

Adromischus keilhackii Werderm. (10)

Adromischus schaeferianus (Dinter) A.Berger (10)

Adromischus schaeferianus (Dinter) A.Berger var. *keilhackii* (Werderm.) Poelln. (10)

Cotyledon hoerleiniana Dinter (10)

Cotyledon hoerleiniana Dinter var. *schaeferi* Dinter (10)

Cotyledon schaeferi Dinter, naked name (10)

Cotyledon schaeferiana Dinter (10)

Cotyledon sinus-alexandri Poelln. (10)

Perennial. Geophyte, dwarf shrub, succulent. Ht 0.005–0.05 m. Alt 10–150 m. N, NC

similis (Tölken) Tölken

Cotyledon similis Tölken (10)

Perennial. Dwarf succulent. Ht 0.05–0.15 m. Alt 50–1100 m. N, NC

singularis (R.A.Dyer) Tölken

Cotyledon singularis R.A.Dyer (10)

Perennial. Geophyte, succulent. Ht 0.05–0.15 m. Alt 800–1100 m. N

stenocaulis Bruyns

Perennial. Dwarf succulent. Ht 0.05–0.15 m. Alt 600–800 m. WC

striatus (Hutchison) Tölken

Cotyledon striata Hutchison (10)

Perennial. Dwarf shrub, succulent. Ht 0.15–0.3 m. Alt 200–1100 m. NC, WC

suffultus Bruyns ex Tölken

Perennial. Dwarf scandent succulent. Ht 0.05–0.2 m. Alt 300–500 m. WC

sulphureus (Tölken) Tölken var. **armianus** Van Jaarsv.

Perennial. Dwarf succulent. Ht 0.01–0.03 m. Alt 700–1100 m. NC

sulphureus (Tölken) Tölken var. **sulphureus**

Cotyledon sulphurea Tölken (10)

Perennial. Dwarf succulent. Ht 0.01–0.03 m. Alt 700–1100 m. NC

tenuis (Tölken) Bruyns

Cotyledon pygmaea W.F.Barker var. *tenuis* Tölken (16)

T. pygmaeus (W.F.Barker) Tölken var. *tenuis* (Tölken) Tölken (16)

T. scandens Van Jaarsv. (20)

Perennial. Dwarf succulent, scandent. Ht 0.05–0.2 m. Alt 100–300 m. WC

torulosus Tölken

Perennial. Dwarf succulent. Ht 0.05–0.15 m. Alt 300–500 m. NC

tribblei Van Jaarsv.

Perennial. Dwarf succulent, scandent. Ht 0.1–0.4 m. Alt 600–900 m. NC

tuberosus Tölken

Perennial. Geophyte, succulent. Ht 0.04–0.35 m. Alt 900–1100 m. NC

ventricosus (Burm.f.) Tölken

Cotyledon ventricosa Burm.f. (10)

Cotyledon ventricosa Burm.f. var. *alpina* Harv. (10)

- Perennial. Shrub, dwarf shrub, succulent. Ht 0.05–0.3 m. Alt 50–1200 m. N, NC, WC, EC
- viridiflorus** (Tölken) Tölken
Cotyledon viridiflora Tölken (10)
Perennial. Dwarf succulent. Ht 0.15–0.35 m. Alt 600–900 m. NC
- wallichii** (Harv.) Tölken subsp. **ecklonianus** (Harv.) Tölken
Cotyledon cacalioides in sense of Eckl. & Zeyh., not of Thunb. (10)
Cotyledon dinteri Baker f. (10)
Cotyledon eckloniana Harv. (10)
Perennial. Shrub, succulent. Ht 0.3–1 m. Alt 50–1200 m. N, NC
- wallichii** (Harv.) Tölken subsp. **wallichii**
Cotyledon wallichii Harv. (10)
Perennial. Shrub, succulent. Ht 0.3–1 m. Alt 50–1500 m. NC, WC, EC
- wallichii** (Harv.) Tölken subsp. **wallichii** × **T. cacalioides** (L.f.) Tölken, putative hybrid (10)
- wallichii** (Harv.) Tölken subsp. **wallichii** × **T. paniculatus** (L.f.) Tölken, putative hybrid (10)
- VAUANTHES** Haw. 3170010
chloraeflora Haw. = **Crassula dichotoma**
dichotoma (L.) Kuntze = **Crassula dichotoma**
- VEREA** Willd. 3168190
crenata Andrews, as 'Vereia' = **Kalanchoe crenata**
laciniata (L.) Willd. = **Kalanchoe laciniata**
rotundifolia (Haw.) D.Dietr. = **Kalanchoe rotundifolia**

CUCURBITACEAE

Compiled by W.G. Welman

- ACANTHOSICYOS** Welw. ex Hook.f. 8590000
(1) Meeuse. 1962. *Bothalia* 8: 52–54.
(2) Jeffrey. 1978. *FZ* 4: 433, 434.
- horridus** Welw. ex Hook.f.
Perennial. Shrub. Ht 0.5–1 m. Alt 25–150 m. N, NC
- naudinianus** (Sond.) C.Jeffrey
Citrullus naudinianus (Sond.) Hook.f. (2)
Colocynthis naudinianus (Sond.) Kuntze (2)
Cucumis naudinianus Sond. (2)
Perennial. Herb, prostrate. Length 0.5–3 m. Alt 380–1695 m. N, B, LIM, NW, G, FS, KZN, NC
- BLASTANIA** Kotschy & Peyr. 8564020
cerasiformis (Stocks) A.Meeuse = **Ctenolepis cerasiformis**
- BRYONIA** L. 8595000
africana L. = **Kedrostis africana**
nana Lam. = **Kedrostis nana** var. **nana**
palmata L. = **Diplocyclos palmatus**
quinqueloba Thunb. = **Coccinia quinqueloba**
scabra L.f. = **Zehneria scabra** subsp. **scabra**
- CEPHALANDRA** Eckl. & Zeyh. 8628010
palmata Sond. = **Coccinia palmata**
quinqueloba (Thunb.) Schrad. in the writings of Eckl. & Zeyh. = **Coccinia quinqueloba**
sessilifolia Sond. = **Coccinia sessilifolia**
- CITRULLUS** Eckl. & Zeyh. 8598000
(1) Meeuse 1962. *Bothalia* 8: 54–59.
(2) De Winter. 1990. *Bothalia* 20: 209–211.
(3) Chadwick & De Winter. 1991. *The Flowering Plants of Africa* 51: t. 2040.
- ecirrhosus** Cogn. (3)
Perennial. Herb, prostrate. Length 0.5–2 m. Alt 150–1065 m. N, NC
- lanatus** (Thunb.) Matsum. & Nakai
C. vulgaris Eckl. & Zeyh. (2)
Colocynthis citrullus (L.) Kuntze (2)
Momordica lanata Thunb. (2)
Annual. Herb, climber, prostrate. Ht 0.5–3 m. Alt 5–1785 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC
- naudinianus** (Sond.) Hook.f. = **Acanthosicyos naudinianus**
- rehmii** De Winter
Annual. Herb, prostrate. Length 0.3–2 m. Alt? N
- vulgaris** Eckl. & Zeyh. = **C. lanatus**
- COCCINIA** Wight & Arn. 8628000
(1) Meeuse. 1962. *Bothalia* 8: 95–106.
(2) Jeffrey. 1978. *FZ* 4: 442–451.
- adoensis** (A.Rich.) Cogn.
C. parvifolia Cogn. (2)
C. pubescens (Sond.) Eyles (2)
Momordica adoensis A.Rich. (2)
Perennial. Herb, climber. Ht 0.5–6 m. Alt 5–1920 m. N, B, LIM, NW, G, M, S, FS, KZN
- hirtella** Cogn.
Perennial. Herb, climber. Ht 0.5–3 m. Alt 610–2135 m. M, FS, KZN, L, EC
- ovifera** Dinter & Gilg = **C. rehmannii**
- palmata** (Sond.) Cogn.
Cephalandra palmata Sond. (1)
Perennial. Herb, climber. Ht 0.5–9 m. Alt 15–2010 m. LIM, M, S, KZN, EC
- parvifolia** Cogn. = **C. adoensis**
- pubescens** (Sond.) Eyles = **C. adoensis**
- quinqueloba** (Thunb.) Cogn.
Bryonia quinqueloba Thunb. (1)
Cephalandra quinqueloba (Thunb.) Schrad. in the writings of Eckl. & Zeyh. (1)
Perennial. Herb, climber. Ht 1–10 m. Alt 5–1310 m. KZN, EC
- rehmannii** Cogn.
C. ovifera Dinter & Gilg (2)
C. rehmannii Cogn. var. *littoralis* A.Meeuse (2)

- Perennial. Herb, climber. Ht 0.5–5 m. Alt 5–1850 m.
N, B, LIM, NW, G, M, S, FS, KZN, NC, EC
rehmannii Cogn. var. *littoralis* A.Meeuse = **C. rehmannii**
schinzii Cogn. = **C. sessilifolia**
sessilifolia (Sond.) Cogn.
Cephalandra sessilifolia Sond. (1)
C. schinzii Cogn. (1)
Perennial. Herb, climber. Ht 0.5–5 m. Alt 315–1800
m. N, B, LIM, NW, G, M, FS, NC
variifolia A.Meeuse
Perennial. Herb, climber. Ht 0.5–5 m. Alt 1100–1480
m. LIM, KZN
- COLOCYNTHIS** Mill. 8598010
citrullus (L.) Kuntze = **Citrullus lanatus**
naudinianus (Sond.) Kuntze = **Acanthosicyos naudinianus**
- CONIANDRA** Schrad. ex Eckl. 8568010
& Zeyh.
africana (L.) Sond. = **Kedrostis africana**
digitata (Thunb.) Sond. = **Kedrostis africana**
glauca Schrad. in the writings of Eckl. & Zeyh. = **Kedrostis africana**
molle (Kunze) Sond. = **Kedrostis nana** var. **nana**
punctulata Sond. = **Kedrostis africana**
thunbergii Sond. = **Kedrostis nana** var. **nana**
zeyheri Schrad. in the writings of Eckl. & Zeyh. = **Kedrostis nana** var. **zeyheri**
- CORALLOCARPUS** Hook.f. 8569000
(1) Jeffrey. 1975. *Kew Bulletin* 30: 485–491.
- bainesii** (Hook.f.) A.Meeuse
C. dinteri Cogn. (1)
C. sphaerocarpus Cogn. (1)
Rhynchocharpa bainesii Hook.f. (1)
Perennial. Herb, climber, prostrate. Ht 0.5–1 m. Alt
150–940 m. N, B, LIM, M, S, KZN
- boehmii** (Cogn.) C.Jeffrey
Kedrostis boehmii Cogn. (1)
Perennial. Herb, climber, prostrate. Ht 0.5–2 m. Alt
1000–1100 m. N
- dinteri* Cogn. = **C. bainesii**
dissectus Cogn.
Perennial. Herb, climber, prostrate. Ht 0.3–0.8 m. Alt
540–915 m. N, NC
- gilgianus* Cogn. = **C. welwitschii**
schinzii Cogn.
C. subhastatus Cogn. (1)
Perennial. Herb, climber, prostrate. Ht 0.5–1 m. Alt
700–1405 m. N, NC
- sphaerocarpus* Cogn. = **C. bainesii**
subhastatus Cogn. = **C. schinzii**
triangularis Cogn.
Perennial. Herb, climber, prostrate. Ht 0.5–2 m. Alt
300–1530 m. N, B, LIM, G, M, NC
- welwitschii** (Naudin) Hook.f. ex Welw.
C. gilgianus Cogn. (1)
Rhynchocharpa welwitschii Naudin (1)
- Perennial. Herb, climber, prostrate. Ht 0.5–1 m. Alt
700–1400 m. N
- wildii** C.Jeffrey
Perennial. Herb, climber, prostrate. Ht 0.3–0.8 m. Alt
750–1350 m. B
- CTENOLEPIS** Hook.f. 8564010
(1) Jeffrey. 1978. *FZ* 4: 460–462.
- cerasiformis** (Stocks) Hook.f.
Blastania cerasiformis (Stocks) A.Meeuse (1)
Zehneria cerasiformis Stocks (1)
Annual. Climber. Ht 0.5–1 m. Alt 210–420 m. B, LIM
- CUCUMELLA** Chiov. 8599010
(1) Launert & Roessler. 1968. *FSWA* 94: 11, 12.
(2) Kirkbride. 1994. *Brittonia* 46,3: 161–186.
- aspera** (Cogn.) C.Jeffrey
Cucumis aspera Cogn. (2)
Perennial. Shrublet, herb, climber. Ht 0.3–1 m. Alt
250–1200 m. N
- bryoniifolia** (Merxm.) C.Jeffrey
Cucumis umbrosus A.Meeuse & Strey (2)
Hymenosicyos bryoniifolius Merxm. (2)
Annual. Herb, climber. Ht 0.2–0.6 m. Alt 700–1310 m.
LIM, M
- cinerea** (Cogn.) C.Jeffrey
Kedrostis cinerea Cogn. (2)
Melothria cinerea (Cogn.) A.Meeuse (1)
Perennial. Shrublet, herb, climber. Ht 0.3–0.8 m. Alt
420–1165 m. N, LIM, NW, M
- clavipetiolata** J.H.Kirkbr.
Annual. Herb, climber. Ht 0.2–0.5 m. Alt 1900–2330
m. N
- CUCUMIS** L. 8599000
(1) Kirkbride. 1993. *Biosystematic monograph of the genus Cucumis*
(*Cucurbitaceae*): 1–159.
- africanus** L.f.
C. hookeri Naudin (1)
Perennial. Herb, prostrate. Length 0.5–2 m. Alt 150–
2115 m. N, B, LIM, NW, G, M, KZN, NC, WC, EC
africanus L.f. var. *zeyheri* (Sond.) Burtt Davy = **C. zeyheri**
- angolensis* Hook.f. ex Cogn. = **C. sagittatus**
anguria L. var. **longaculeatus** J.H.Kirkbr.
Annual. Herb, climber, prostrate. Ht 0.5–3 m. Alt 10–
1675 m. N, B, LIM, M, S, KZN
- aspera* Cogn. = **Cucumella aspera**
cogniauxianus Dinter ex Cogn. & Harms = **C. sagittatus**
- dinteri* Cogn. = **C. sagittatus**
dissectifolius Naudin = **C. myriocarpus** subsp. **myriocarpus**
ficifolius of author, not of A.Rich. = **C. meeusei**
heptadactylus Naudin
Perennial. Herb, prostrate. Length 0.5–1.5 m. Alt
1065–1525 m. NW, FS, NC, EC
- hirsutus** Sond.
C. sonderi Cogn. (1)
Perennial. Herb, prostrate. Length 0.3–2 m. Alt 15–
1830 m. B, LIM, NW, G, M, S, KZN, EC
- hookeri* Naudin = **C. africanus**

- humifructus** Stent
Annual. Herb, prostrate. Length 0.5–2.5 m. Alt 800–1050 m. N, LIM, G
- kalahariensis** A.Meeuse
Perennial. Herb, prostrate. Length 0.5–3 m. Alt ?–1190 m. N, B, NC
- leptodermis** Schweick. = **C. myriocarpus** subsp. **leptodermis**
- maderaspatanus** L. = **Mukia maderaspatana**
- meeusei** C.Jeffrey
C. ficifolius of author, not of A.Rich. (1)
Perennial. Herb, prostrate. Length 0.3–1.2 m. Alt 460–1740 m. N, B, NC
- melo** L. subsp. **agrestis** (Naudin) Pangalo
C. melo L. var. *agrestis* (Naudin) Pangalo (1)
Annual or perennial. Herb, climber, prostrate. Ht 0.3–1 m. Alt ?–1070 m. LIM, NW, M
- melo** L. subsp. **melo**
C. melo L. var. *cultus* W.S.Kurz (1)
Annual or perennial. Herb, climber, prostrate. Ht 0.5–1.5 m. Alt ?–1270 m. LIM, G, M
- melo** L. var. *agrestis* Naudin = **C. melo** subsp. **agrestis**
- melo** L. var. *cultus* W.S.Kurz = **C. melo** subsp. **melo**
- merxmuelleri** Suess. = **C. myriocarpus** subsp. **myriocarpus**
- metuliferus** E.Mey. ex Naudin
Annual. Herb, climber, prostrate. Ht 0.5–3 m. Alt 210–960 m. N, B, LIM, M, S, KZN
- myriocarpus** Naudin subsp. **leptodermis** (Schweick.) C.Jeffrey & P.Halliday
C. leptodermis Schweick. (1)
Annual. Herb, prostrate. Length 0.1–1 m. Alt 100–2300 m. NW, FS, KZN, L, NC, WC, EC
- myriocarpus** Naudin subsp. **myriocarpus**
C. dissectifolius Naudin (1)
C. merxmuelleri Suess. (1)
Annual. Herb, prostrate. Length 0.1–2.5 m. Alt 15–1950 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, EC
- naudinianus** Sond. = **Acanthosicyos naudinianus**
- prophetarum** L. subsp. **zeyheri** (Sond.) C.Jeffrey = **C. zeyheri**
- quintanilhae** R.Fern. & A.Fern.
Annual. Herb, prostrate. Length 0.1–0.5 m. Alt 1300–1380 m. LIM
- rigidus** E.Mey. ex Sond.
Perennial. Shrublet. Ht 0.4–1 m. Alt 190–660 m. N, NC
- sagittatus** Peyr.
C. angolensis Hook.f. ex Cogn. (1)
C. cogniauxianus Dinter ex Cogn. & Harms (1)
C. dinteri Cogn. (1)
Perennial. Suffrutex, herb, climber, prostrate. Ht 0.3–1.2 m. Alt 700–1400 m. N, NC
- sonderi** Cogn. = **C. hirsutus**
- umbrosus** A.Meeuse & Strey = **Cucumella bryoniifolia**
- zeyheri** Sond.
C. africanus L.f. var. *zeyheri* (Sond.) Burt Davy (1)
C. prophetarum L. subsp. *zeyheri* (Sond.) C.Jeffrey (1)
Perennial. Herb, prostrate. Length 0.5–2 m. Alt 60–1900 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC
- CUCURBITA** L. 8622000
siceraria Molina = **Lagenaria siceraria**
- CYCLANTHEROPSIS** Harms 8641000
(1) Jeffrey. 1978. *FZ* 4: 497–499.
- parviflora** (Cogn.) Harms
Gerrardanthus parviflorus Cogn. (1)
Perennial. Herb, climber. Ht 1–5 m. Alt 330–500 m. N
- DACTYLIANDRA** (Hook.f.) 8563000
Hook.f.
(1) Meeuse. 1962. *Bothalia* 8: 10, 11.
- luederitziana** (Cogn.) Cogn. = **D. welwitschii**
- welwitschii** Hook.f.
D. luederitziana (Cogn.) Cogn. (1)
Annual. Climber, prostrate. Ht 0.5–1 m. Alt 320–1370 m. N
- *DIPLOCYCLOS** (Endl.) Post 8600010
& Kuntze
(1) Jeffrey. 1978. *FZ* 4: 451–453.
- palmatus** (L.) C.Jeffrey
Bryonia palmata L. (1)
Perennial. Herb, climber. Ht 1–5 m. Alt ?–500 m. KZN
- GERRARDANTHUS** Harv. ex 8555000
Hook.f.
(1) Meeuse. 1962. *Bothalia* 8: 8–10.
- macrorhizus** Harv. ex Hook.f.
G. megarhiza Decne. & Harv. (1)
Perennial. Climber. Ht 0.5–9 m. Alt 5–610 m. S, KZN, EC
- megarhiza** Decne. & Harv. = **G. macrorhizus**
- parviflorus** Cogn. = **Cyclantheropsis parviflora**
- tomentosus** Hook.f.
Perennial. Climber. Ht 0.5–3 m. Alt 100–400 m. KZN
- HYMENOSICYOS** Chiov. 8599020
bryoniifolius Merxm. = **Cucumella bryoniifolia**
- KEDROSTIS** Medik. 8568000
(1) Meeuse. 1962. *Bothalia* 8: 24–38.
(2) Jeffrey. 1978. *FZ* 4: 484–487.
(3) Bruyns. 1993. *Bothalia* 23: 233–235.
- africana** (L.) Cogn.
Bryonia africana L. (1)
Coniandra africana (L.) Sond. (1)
Coniandra digitata (Thunb.) Sond. (1)
Coniandra glauca Schrad. in the writings of Eckl. & Zeyh. (1)
Coniandra punctulata Sond. (1)
K. digitata (Thunb.) Cogn. (1)
K. glauca (Schrad.) Cogn. (1)
K. punctulata (Sond.) Cogn. (1)
Perennial. Herb, climber. Ht 0.3–6 m. Alt 190–2115 m. N, LIM, NW, G, M, FS, KZN, NC, WC, EC
- angulata** (P.J.Bergius) Fourc. = **K. nana** var. **nana**
- boehmii** Cogn. = **Corallocarpus boehmii**
- capensis** (Sond.) A.Meeuse
Pisosperma capense Sond. (1)
Perennial. Climber, prostrate. Ht 0.2–0.5 m. Alt 10–1830 m. N, FS, L, NC, EC
- cinerea** Cogn. = **Cucumella cinerea**
- crassirostrata** Bremek.
Perennial. Herb, climber. Ht 0.5–2.5 m. Alt 1020–1120 m. N, B, LIM, NW, G, NC

digitata (Thunb.) Cogn. = **K. africana**

foetidissima (Jacq.) Cogn.

K. foetidissima (Jacq.) Cogn. subsp. *obtusiloba* (Sond.) A.Meeuse (2)
Trichosanthes foetidissima Jacq. (2)

Perennial. Herb, climber. Ht 0.3–3 m. Alt 30–1950 m.
N, B, LIM, NW, G, M, S, FS, KZN, NC

foetidissima (Jacq.) Cogn. subsp. *obtusiloba* (Sond.)
A.Meeuse = **K. foetidissima**

glauca (Schrad.) Cogn. = **K. africana**

hirtella (Naudin) Cogn.

K. natalensis (Hook.f.) A.Meeuse (2)

Perennial. Herb, climber, prostrate. Ht 0.5–2 m. Alt
70–1525 m. N, B, NW, G, M, S, KZN, NC, EC

leloja (J.F.Gmel.) C.Jeffrey

Turia leloja J.F.Gmel. (2)

Perennial. Herb, climber, prostrate. Ht 0.5–1 m. Alt
180–550 m. LIM, KZN

limpopoensis C.Jeffrey, as '*limpompensis*'

Perennial. Herb, climber, prostrate. Ht 1–6 m. Alt ?–
750 m. LIM

mollis (Kunze) Cogn. = **K. nana** var. **nana**

nana (Lam.) Cogn. var. **nana**

Bryonia nana Lam. (1)

Coniandra molle (Kunze) Sond. (1)

Coniandra thumbergii Sond. (1)

K. angulata (P.J.Bergius) Fourc. (1)

K. mollis (Kunze) Cogn. (1)

K. velutina Cogn. (1)

Melothria hederacea (Sond.) Cogn. (1)

Perennial. Herb, climber. Ht 0.5–1.5 m. Alt 5–245 m.
WC, EC

nana (Lam.) Cogn. var. **schlechteri** (Cogn.) A.Meeuse

K. schlechteri Cogn. (1)

Perennial. Herb, climber. Ht 0.5–1 m. Alt 60–750 m.
WC, EC

nana (Lam.) Cogn. var. **zeyheri** (Schrad.) A.Meeuse

Coniandra zeyheri Schrad. in the writings of Eckl. & Zeyh. (1)

K. zeyheri (Schrad.) Cogn. (1)

Perennial. Herb, climber. Ht 0.5–1.5 m. Alt 15–915 m.
KZN, WC, EC

natalensis (Hook.f.) A.Meeuse = **K. hirtella**

psammophylla Bruyns

Perennial. Herb. Ht 0.05–0.15 m. Alt 80–? m. NC, WC

punctulata (Sond.) Cogn. = **K. africana**

schlechteri Cogn. = **K. nana** var. **schlechteri**

velutina Cogn. = **K. nana** var. **nana**

zeyheri (Schrad.) Cogn. = **K. nana** var. **zeyheri**

LAGENARIA Ser. 8610000

(1) Jeffrey. 1978. *FZ* 4: 437–440.

mascarena Naudin = **L. sphaerica**

sagittata Harv. ex Sond. = **Trochomeria sagittata**

siceraria (Molina) Standl.

Cucurbita siceraria Molina (1)

L. vulgaris Ser. (1)

Annual. Herb, climber, prostrate. Ht 1–5 m. Alt 245–
1265 m. N, B, LIM, NW, G, S

sphaerica (Sond.) Naudin

L. mascarena Naudin (1)

Luffa sphaerica Sond. (1)

Perennial. Herb, climber, prostrate. Ht 2–10 m. Alt 5–
915 m. B, LIM, KZN, WC, EC

vulgaris Ser. = **L. siceraria**

LUFFA Mill. 8594000

caledonica Sond. = **Peponium caledonicum**

sphaerica Sond. = **Lagenaria sphaerica**

MELOTHRIA L. 8562010

acutifolia Cogn. = **Zehneria marlothii**

cinerea (Cogn.) A.Meeuse = **Cucumella cinerea**

cordata (Thunb.) Cogn. = **Zehneria scabra** subsp. **scabra**

hederacea (Sond.) Cogn. = **Kedrostis nana** var. **nana**

maderaspatana (L.) Cogn. = **Mukia maderaspatana**

marlothii Cogn. = **Zehneria marlothii**

parvifolia Cogn. = **Zehneria parvifolia**

punctata Cogn. = **Zehneria scabra** subsp. **scabra**

MOMORDICA L. 8591000

(1) Meeuse. 1959. *The Flowering Plants of Africa* 33: t. 1295.

(2) Meeuse. 1962. *Bothalia* 8: 45–52.

(3) Launert & Roessler. 1968. *FSWA* 94: 19–21.

(4) Jeffrey & Mann. 1978. *FZ* 4: 419–429.

adoensis A.Rich. = **Coccinia adoensis**

balsamina L.

M. involucreta E.Mey. ex Sond. (4)

M. schinzii Cogn. (3)

Perennial. Herb, climber. Ht 0.5–5 m. Alt 5–1465 m.
N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

boivinii Baill.

Raphanocarpus boivinii (Baill.) Chiov. (4)

Raphanocarpus tuberosus Dinter (3)

Perennial. Herb, climber, prostrate. Ht 0.5–5 m. Alt
305–1950 m. N, B, LIM, M, S, KZN

cardiospermoides Klotzsch (1)

M. clematidea Sond. (4)

Perennial. Herb, climber. Ht 1–10 m. Alt 120–1100 m.
B, LIM, NW, G, M, S, KZN

***charantia** L.

Perennial. Herb, climber, prostrate. Ht 0.5–5 m. Alt
120–750 m. N, M, KZN

clematidea Sond. = **M. cardiospermoides**

cordifolia E.Mey. ex Sond. = **M. foetida**

foetida Schumach.

M. cordifolia E.Mey. ex Sond. (2)

Perennial. Herb, climber. Ht 1–5 m. Alt 275–1700 m.
N, LIM, M, S, KZN, EC

humilis (Cogn.) C.Jeffrey

Raphanocarpus humilis Cogn. (3)

Raphanocarpus welwitschii Hook.f. (3)

Annual. Herb, climber. Ht 0.5–3 m. Alt ?–1845 m. N

involucreta E.Mey. ex Sond. = **M. balsamina**

kirkii (Hook.f.) C.Jeffrey

Raphanocarpus kirkii Hook.f. (4)

Perennial. Herb, climber. Ht 0.5–2 m. Alt 100–1005
m. N, B

lanata Thunb. = **Citrullus lanatus**

marlothii Harms = **M. repens**

repens Bremek.

M. marlothii Harms (2)

- Perennial. Herb, prostrate. Length 0.5–2 m. Alt 855–1065 m. B, LIM, G
schinzii Cogn. = **M. balsamina**
welwitschii Hook.f.
 Annual. Herb, climber Ht 0.3–1 m. Alt? N
- MUKIA** Arn. 8562000
 (1) Jeffrey. 1978. *FZ* 4: 475–477.
- maderaspatana** (L.) M.Roem.
Cucumis maderaspatanus L. (1)
Melothria maderaspatana (L.) Cogn. (1)
M. scabrella (L.) Arn. (1)
 Annual. Climber, prostrate. Ht 0.5–1 m. Alt 45–1220 m. LIM, M, S, KZN
- scabrella* (L.) Arn. = **M. maderaspatana**
- OREOSYCE** Hook.f. 8560000
 (1) Jeffrey. 1978. *FZ* 4: 470–472.
- africana** Hook.f.
O. subsericea (Hook.f.) A.Meeuse (1)
 Annual. Herb, climber, prostrate. Ht 0.5–3 m. Alt ?–800 m. B, LIM
subsericea (Hook.f.) A.Meeuse = **O. africana**
- PEPONIA** Naudin 8612010
caledonica (Sond.) Cogn. = **Peponium caledonicum**
mackenii Naudin = **Peponium mackenii**
- PEPONIUM** Engl. 8612000
 (1) Meeuse. 1962. *Bothalia* 8: 91–95.
- caledonicum** (Sond.) Engl.
Luffa caledonica Sond. (1)
Peponia caledonica (Sond.) Cogn. (1)
 Perennial. Herb, climber. Ht 1–5 m. Alt 790–1980 m. LIM, NW, G, M, FS, L, NC, EC
- mackenii** (Naudin) Engl.
Peponia mackenii Naudin (1)
 Perennial. Herb, climber. Ht 1–10 m. Alt 5–550 m. KZN, EC
- PISOSPERMA** Sond. 8566000
capense Sond. = **Kedrostis capensis**
- RAPHANOCARPUS** Hook.f. 8593000
boivinii (Baill.) Chiov. = **Momordica boivinii**
humilis Cogn. = **Momordica humilis**
kirkii Hook.f. = **Momordica kirkii**
tuberosus Dinter = **Momordica boivinii**
welwitschii Hook.f. = **Momordica humilis**
- RHYNCHOCARPA** Schrad. ex Endl. 8568020
bainesii Hook.f. = **Corallocarpus bainesii**
welwitschii Naudin = **Corallocarpus welwitschii**
- TRICHOSANTHES** L. 8615000
foetidissima Jacq. = **Kedrostis foetidissima**
- TROCHOMERIA** Hook.f. 8608000
 (1) Meeuse. 1954. *The Flowering Plants of Africa* 30: t. 1168.
 (2) Meeuse. 1962. *Bothalia* 8: 85–91.
 (3) Fernandes & Fernandes. 1970. *Conspectus florum angolensis* 4: 285.
- debilis** (Sond.) Hook.f.
Zehneria debilis Sond. (2)
Zehneria wyleana Sond. (2)
 Perennial. Herb, climber, prostrate. Ht 0.3–1 m. Alt 460–1850 m. N, B, LIM, NW, G, M, NC
- hookeri** Harv.
T. rotundata Burt Davy (2)
Zehneria garcini of author, not of (L.) Stocks (2)
 Perennial. Herb, climber, prostrate. Ht 0.5–2 m. Alt 30–1950 m. LIM, M, S, KZN, EC
- macrocarpa** (Sond.) Hook.f. subsp. **macrocarpa** (1)
T. nudiflora Burt Davy (2)
Zehneria macrocarpa Sond. (2)
 Perennial. Herb, climber, prostrate. Ht 0.5–1.5 m. Alt 610–1525 m. B, LIM, NW, G, M, S, KZN
- macrocarpa** (Sond.) Hook.f. subsp. **vitifolia** (Hook.f.) R.Fern. & A.Fern.
T. vitifolia Hook.f. (3)
 Perennial. Herb, climber, prostrate. Ht 0.5–1.5 m. Alt 915–? m. N
- nudiflora* Burt Davy = **T. macrocarpa** subsp. **macrocarpa**
rotundata Burt Davy = **T. hookeri**
- sagittata** (Harv. ex Sond.) Cogn.
Lagenaria sagittata Harv. ex Sond. (2)
 Perennial. Herb, climber, prostrate. Ht 0.3–0.5 m. Alt 45–1525 m. M, S, KZN, EC
- vitifolia* Hook.f. = **T. macrocarpa** subsp. **vitifolia**
- TURIA** Forssk. ex J.F.Gmel. 8594010
leloja J.F.Gmel. = **Kedrostis leloja**
- ZEHNERIA** Endl. 8564000
 (1) Jeffrey. 1978. *FZ* 4: 477–483.
- cerasiformis* Stocks = **Ctenolepis cerasiformis**
debilis Sond. = **Trochomeria debilis**
garcini of author, not of (L.) Stocks = **Trochomeria hookeri**
macrocarpa Sond. = **Trochomeria macrocarpa** subsp. **macrocarpa**
- marlothii** (Cogn.) R. & A.Fern.
Melothria acutifolia Cogn. (1)
Melothria marlothii Cogn. (1)
 Annual. Climber. Ht 0.5–3 m. Alt 410–855 m. N, B, LIM, NW, G
- parvifolia** (Cogn.) J.H.Ross
Melothria parvifolia Cogn. (1)
 Perennial. Climber. Ht 0.5–1.5 m. Alt 5–155 m. KZN
- scabra** (L.f.) Sond. subsp. **scabra**
Bryonia scabra L.f. (1)
Melothria cordata (Thunb.) Cogn. (1)
Melothria punctata Cogn. (1)
 Perennial. Herb, climber. Ht 0.5–3 m. Alt 5–2500 m. LIM, G, M, S, FS, KZN, L, WC, EC
- wyleana* Sond. = **Trochomeria debilis**

CUNONIACEAE

Compiled by M. Jordaan

- CUNONIA** L. 3275000
 (1) Harvey. 1862. *FC* 2: 306, 307.
 (2) Pooley. 1993. *Trees of Natal*: 112.
capensis L.
 Perennial. Tree. Ht 2.5–30 m. Alt 30–1525 m. KZN, WC, EC
- PLATYLOPHUS** D. Don 3269000
 (1) Harvey. 1862. *FC* 2: 307.
trifoliatum (L.f.) D. Don
Weinmannia trifoliata L.f. (1)
 Perennial. Tree. Ht 3–30 m. Alt 45–765 m. WC, EC
- WEINMANNIA** L. 3276000
trifoliata L.f. = **Platylophus trifoliatum**

CYTINACEAE

Compiled by S.J. Smithies

- CYTINUS** L., name conserved 2180000
 (1) Hill. 1901. *FC* 5,1: 485–487.
 (2) Hiern. 1904. *FC* 4,2: 417.
 (3) Marloth. 1913. *Flora of South Africa* 1: 174–176, t. 43, as Rafflesiaceae (Cytineae).
 (4) Oliver. 1967. *The Flowering Plants of Africa* 38: t. 1486, as Rafflesiaceae.
 (5) Visser. 1981. *South African parasitic flowering plants*: 56–63, as Rafflesiaceae.
 (6) Jordaan. 2000. In Leistner, *Seed plants of southern Africa*: 462, as Rafflesiaceae.
 (7) Nickrent. 1997–2000. *The Parasitic Plant Connection*, Cytinaceae. South Illinois University, Carbondale, College of Science. URL: <http://www.science.siu.edu/parasitic-plants/Cytinaceae.html> (as accessed on 22 October 2002).
 Note: usually only the flowers of *Cytinus* project above ground, so some of the heights given here probably include the underground stems as well.
- capensis** Marloth
 Perennial. Herb, parasite, succulent. Ht 0.03–0.12 m. Alt ± 5–? m. WC, EC?
- dioicus* Juss. = **C. sanguineus**
sanguineus (Thunb.) Fourc.
Aphyteia multiceps Burch. (1)
C. dioicus Juss. (4)
Hyobanche sanguinea of author, not of L.: Thunb. (1784) (2, 4)
Hypolepis sanguinea (Thunb.) Pers. (1, 4)
Phelypea sanguinea Thunb., as '*Phelypea*' (1, 4)
 Perennial. Herb, parasite, succulent. Ht 0.03–0.15 m. Alt 45–1065 m. NC, WC, EC
- HYPOLEPIS** Pers. 2180010
sanguinea (Thunb.) Pers. = **Cytinus sanguineus**
- PHELYPEA** Thunb., as '*Phelypea*', 2180020
 not of Tourn. ex L.
 Note: as '*Phelypea*' in De Dalla Torre & Harms (1958) and *Index Kewensis* (1997)
sanguinea Thunb. = **Cytinus sanguineus**

DICHAPETALACEAE

Compiled by R.H. Archer

- DICHAPETALUM** Thouars 4283000
 (1) Breteler. 1978. *Mededelingen Landbouwhogeschool Wageningen* 78-10: 1–84.
 (2) Breteler. 1982. *Mededelingen Landbouwhogeschool Wageningen* 82-8: 1–92.
bullockii Hauman = **D. cymosum**
cymosum (Hook.) Engl.
D. bullockii Hauman (1)
D. venenatum Engl. & Gilg (1)
 Perennial. Dwarf shrub, rhizomatous. Ht 0.04–0.5 m. Alt 850–1980 m. N, B, LIM, NW, G, M, KZN
- rhodesicum** Sprague & Hutch.
 Perennial. Shrub. Ht 0.5–1.2 m. Alt ± 1000 m. N, B
venenatum Engl. & Gilg = **D. cymosum**
- TAPURA** Aubl. 4285000
 (1) Torre. 1963. *FZ* 2: 319–328.
 (2) Breteler. 1987. *Agricultural University Wageningen Papers* 86-3: 1–74.
fischeri Engl.
T. fischeri Engl. var. *pubescens* Verdc. & Torre (2)
 Perennial. Tree, shrub. Ht 1.5–21 m. Alt 15–1300 m. KZN
fischeri Engl. var. *pubescens* Verdc. & Torre = **T. fischeri**

DIPSACACEAE

Compiled by W.G. Welman

- CEPHALARIA** Schrad. 8541000
 (1) Compton. 1967. *Journal of South African Botany* 33: 298, 299.
 (2) Napper. 1968. *Kew Bulletin* 21: 463–470.
 (3) Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 366, 367.
- armerioides** Szabó
 Perennial. Herb. Ht 0.3–0.6 m. Alt 1300–1830 m. LIM, M
- attenuata** (L.f.) Roem. & Schult.
C. lavendulacea Sond. (2)
Scabiosa attenuata L.f. (2)
 Perennial. Herb. Ht 0.4–0.75 m. Alt 215–1525 m. WC, EC
- attenuata* (L.f.) Roem. & Schult. var. *oblongifolia* Kuntze
 = **C. oblongifolia**
- decurrens** (Thunb.) Roem. & Schult.
C. ustulata (Thunb.) Roem. & Schult. (2)
Scabiosa decurrens Thunb. (2)
 Perennial. Herb. Ht 0.3–0.8 m. Alt? WC
- foliosa** Compton
 Perennial. Herb. Ht 0.5–1.5 m. Alt 1335–1700 m. S, KZN
- galpiniana** Szabó subsp. **galpiniana**
 Perennial. Herb. Ht 0.1–0.4 m. Alt 2670–3070 m. L, EC
- galpiniana** Szabó subsp. **simplicior** B.L.Burtt
 Perennial. Herb. Ht 0.15–0.65 m. Alt 2060–2750 m. KZN, L, EC
- humilis** (Thunb.) Roem. & Schult.
Scabiosa humilis Thunb. (2)
 Perennial. Herb. Ht 0.5–2 m. Alt 170–2100 m. KZN, WC, EC
- lavendulacea* Sond. = **C. attenuata**
- natalensis** Kuntze
 Perennial. Herb. Ht 0.4–2.6 m. Alt 1525–2135 m. M, FS, KZN, L, EC
- oblongifolia** (Kuntze) Szabó
C. attenuata (L.f.) Roem. & Schult. var. *oblongifolia* Kuntze (2)
 Perennial. Herb. Ht 0.3–1.5 m. Alt 8–2335 m. S, FS, KZN, EC
- petiolata** Compton
 Perennial. Herb. Ht 0.6–1 m. Alt 1170–1500 m. S
- pungens** Szabó
 Perennial. Herb. Ht 0.4–1.5 m. Alt 10–2455 m. LIM, G, M, S, FS, KZN, EC
- rigida** (L.) Roem. & Schult.
Scabiosa rigida L. (2)
 Perennial. Herb. Ht 0.6–1 m. Alt 380–1400 m. WC
- scabra** (L.f.) Roem. & Schult.
Scabiosa scabra L.f. (2)
- Perennial. Herb. Ht 0.3–1 m. Alt? WC
- ustulata* (Thunb.) Roem. & Schult. = **C. decurrens**
- wilmsiana** Szabó
 Perennial. Herb. Ht? Alt? M, KZN
- zeyheriana** Szabó
 Perennial. Herb. Ht 0.15–1.5 m. Alt 760–2200 m. LIM, NW, G, M, S, FS, KZN, L
- SCABIOSA** L. 8546000
 (1) Sonder. 1865. *FC* 3: 43, 44.
 (2) Bolus. 1918. *Annals of the Bolus Herbarium* 2: 96, 97.
 (3) Moore. 1918. *Journal of Botany, British and Foreign* 56: 6.
 (4) Dyer. 1941. *The Flowering Plants of South Africa* 21: t. 835.
 (5) Hutchinson. 1946. *A botanist in southern Africa*: 250.
 (6) Cannon & Cannon. 1983. *FZ* 7,1: 77–85.
 (7) Goldblatt & Manning. 2000. *Strelitzia* 9: 420.
- africana** L.
 Perennial. Herb. Ht 0.4–1 m. Alt 270–700 m. WC
- albanensis** R.A.Dyer (4)
 Perennial. Herb. Ht 0.1–0.6 m. Alt 15–1670 m. WC, EC
- angustiloba** (Sond.) Hutch.
S. buekiana Eckl. & Zeyh. var. *angustiloba* Sond. (6)
 Perennial. Herb. Ht 0.15–0.45 m. Alt 15–700 m. EC
- anthemifolia* Eckl. & Zeyh. = **S. columbaria**
- attenuata* L.f. = **Cephalaria attenuata**
- austro-africana* Heine = **S. columbaria**
- buekiana** Eckl. & Zeyh.
 Perennial. Herb. Ht 0.2–0.6 m. Alt 6–400 m. EC
- buekiana* Eckl. & Zeyh. var. *angustiloba* Sond. = **S. angustiloba**
- columbaria** L.
S. anthemifolia Eckl. & Zeyh. (1)
S. austro-africana Heine (6)
 Perennial. Herb. Ht 0.1–1.55 m. Alt 5–3475 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- decurrens* Thunb. = **Cephalaria decurrens**
- drakensbergensis** B.L.Burtt
 Perennial. Herb. Ht 0.75–1.8 m. Alt 1500–2000 m. LIM, FS, KZN
- humilis* Thunb. = **Cephalaria humilis**
- incisa** Mill.
 Perennial. Herb. Ht 0.25–0.45 m. Alt 6–200 m. WC
- rigida* L. = **Cephalaria rigida**
- scabra* L.f. = **Cephalaria scabra**
- transvaalensis** S.Moore
 Perennial. Herb. Ht 0.75–2 m. Alt 1385–1870 m. M
- tysonii** L.Bolus
 Perennial. Herb. Ht 0.3–1 m. Alt 50–1730 m. KZN, EC

DROSERACEAE

Compiled by T. Nkonki

ALDROVANDA L.

3134000

(1) Obermeyer. 1970. *FSA* 13: 187–189.**vesiculosa L.**

Perennial. Herb, hydrophyte, carnivore. Ht? Alt 915–1030 m. B

DROSER A L.

3136000

(1) Sonder. 1860. *FC* 1: 75–78.(2) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 243.(3) Roessler. 1966. *FSWA* 45: 1.(4) Obermeyer. 1970. *FSA* 13: 189–201.(5) Obermeyer & Nicholas. 1984. *The Flowering Plants of Africa* 48: t. 1886.(6) Cheek. 1987. *Kew Bulletin* 42: 738.(7) Debbert. 1987. *Mitteilungen der Botanischen Staatssammlung München* 23: 431–436.(8) Bennett & Cheek. 1990. *Kew Bulletin* 45: 375–381.*acaulis* in sense of Raym.-Hamet, misapplied name = **D. pauciflora****acaulis L.f.***D. acaulis* Thunb., not of L.f. (4)*D. pauciflora* Banks ex DC. var. *acaulis* (Thunb.) Sond. (4)

Perennial. Herb, carnivore. Ht 0.01–0.02 m. Alt ?–2100 m. WC

acaulis Thunb., not of L.f. = **D. acaulis****admirabilis Debbert**

Perennial. Herb, carnivore. Ht? Alt? WC

alba E. Phillips

Perennial. Herb, carnivore. Ht 0.08–0.13 m. Alt 565–800 m. WC

aliciae Raym.-Hamet*D. curvicaapa* Salter (4)*D. curvicaapa* Salter var. *esterhuyseniae* Salter (4)

Perennial. Herb, carnivore. Ht 0.15–0.4 m. Alt 30–2000 m. WC, EC

burkeana Planch.

Perennial. Herb, carnivore. Ht 0.1–0.23 m. Alt 870–1494 m. LIM, NW, G, M, S, FS, L, EC

capensis L.

Perennial. Herb, carnivore. Ht 0.1–0.45 m. Alt 15–900 m. WC, EC

cistiflora L.*D. helianthemum* Planch. (4)*D. pauciflora* Banks ex DC. var. *minor* Sond. (4)*D. speciosa* C. Presl (4)*D. zeyheri* Salter (4)

Perennial. Herb, carnivore. Ht 0.1–0.4 m. Alt 20–1250 m. WC, EC

collinsiae N.E.Br. ex Burtt Davy

Perennial. Herb, carnivore. Ht 0.2–0.5 m. Alt 60–2200 m. NW, G, M, FS, L, WC

cuneifolia L.f.*D. cuneifolia* Thunb., not of L.f. (4)*D. cuneifolia* Thunb., not of L.f., var. β Thunb. (4)

Perennial. Herb, carnivore. Ht 0.15–0.3 m. Alt ?–915 m. WC

cuneifolia L.f. var. α Thunb. = **D. trinervia***cuneifolia* L.f. var. γ Thunb. = **D. trinervia***cuneifolia* Thunb., not of L.f. = **D. cuneifolia***cuneifolia* Thunb., not of L.f., var. β Thunb. = **D. cuneifolia***curvipes* Planch. = **D. madagascariensis***curvicaapa* Salter = **D. aliciae***curvicaapa* Salter var. *esterhuyseniae* Salter = **D. aliciae****dielsiana Exell & J.R. Laundon**

Perennial. Herb, carnivore. Ht 0.01–0.25 m. Alt 915–2180 m. LIM, G, M, S, FS, KZN

glabripes (Harv.) Stein*D. ramentacea* Burch. ex DC. var. *glabripes* Harv. ex Planch. (4)*D. ramentacea* in sense of Diels, misapplied name (4)

Perennial. Herb, carnivore. Ht 0.1–0.3 m. Alt 105–1370 m. WC

grandiflora Bartl. = **D. pauciflora***helianthemum* Planch. = **D. cistiflora****hilaris Cham. & Schldl.**

Perennial. Herb, carnivore. Ht 0.2–0.5 m. Alt 75–915 m. WC

indica L.

Annual. Herb, carnivore. Ht 0.03–0.6 m. Alt? N, LIM, M

madagascariensis DC.*D. curvipes* Planch. (4)*D. madagascariensis* DC. var. *major* Burtt Davy (4)*D. ramentacea* Burch. ex DC. var. *curvipes* (Planch.) Sond. (4)*D. ramentacea* in sense of Oliv., misapplied name (4)

Perennial. Herb, carnivore. Ht 0.2–0.25 m. Alt 45–1550 m. B, LIM, NW, G, M, S, FS, KZN, WC, EC

madagascariensis DC. var. *major* Burtt Davy = **D. madagascariensis****natalensis Diels**

Perennial. Herb, carnivore. Ht 0.1–1 m. Alt 1–2450 m. LIM, M, KZN, L, EC

pauciflora Banks ex DC.*D. acaulis* in sense of Raym.-Hamet, misapplied name (4)*D. grandiflora* Bartl. (4)

Perennial. Herb, carnivore. Ht 0.05–0.25 m. Alt 61–1050 m. WC

pauciflora Banks ex DC. var. *acaulis* (Thunb.) Sond. = **D. acaulis***pauciflora* Banks ex DC. var. *minor* Sond. = **D. cistiflora****ramentacea Burch. ex DC.***D. ramentacea* Burch. ex DC. var. *burchelliana* Sond. (1)

Perennial. Herb, carnivore. Ht 0.2–0.4 m. Alt 460–1585 m. WC

ramentacea Burch. ex DC. var. *burchelliana* Sond. = **D. ramentacea***ramentacea* Burch. ex DC. var. *curvipes* (Planch.) Sond. = **D. madagascariensis***ramentacea* Burch. ex DC. var. *glabripes* Harv. ex Planch. = **D. glabripes**

ramentacea in sense of Diels, misapplied name = **D. glabripes**

ramentacea in sense of Oliv., misapplied name = **D. madagascariensis**

regia Stephens

Perennial. Herb, carnivore. Ht 0.1–0.4 m. Alt ?–915 m. WC

roridula Thunb. = **Roridula dentata**

slackii Cheek

Perennial. Herb. Ht? Alt 500–700 m. WC

speciosa C.Presl = **D. cistiflora**

trinervia Spreng.

D. cuneifolia L.f. var. α Thunb. (4)

D. cuneifolia L.f. var. γ Thunb. (4)

Perennial. Herb, carnivore. Ht 0.05–0.1 m. Alt 15–2200 m. KZN, L, WC

zeyheri Salter = **D. cistiflora**

EBENACEAE

Compiled by M. Jordaan

DIOSPYROS L. 6406000

(1) De Winter. 1958. *The Flowering Plants of Africa* 32: t. 1262.

(2) De Winter. 1963. *FSA* 26: 54–80.

(3) White & Caveney. 1980. *Bulletin du Jardin Botanique National de Belgique* 50: 393–397.

(4) White. 1983. *FZ* 7,1: 251–288.

(5) White. 1988. *Bulletin du Jardin Botanique National de Belgique* 58: 325–448.

(6) White & Verdcourt. 1996. *FTEA Ebenaceae*: 2–43.

(7) Coates Palgrave 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 895–912.

acoeksii (De Winter) De Winter

Royena acoeksii De Winter (2)

Perennial. Shrub. Ht 0.9–5 m. Alt 60–1880 m. N, NC

austro-africana De Winter var. **austro-africana**

Royena hirsuta L. (2)

Perennial. Shrub. Ht 0.6–3 m. Alt 80–1750 m. NC, WC

austro-africana De Winter var. **microphylla** (Burch.) De Winter

Royena microphylla Burch. (2)

Perennial. Shrub. Ht 0.02–3 m. Alt 490–2425 m. NW, G, M, FS, KZN, L, NC, WC, EC

austro-africana De Winter var. **rubriflora** (De Winter) De Winter

Royena hirsuta L. var. *rubriflora* De Winter (2)

Perennial. Shrub. Ht 0.4–3 m. Alt 360–2440 m. FS, KZN, L, EC

austro-africana De Winter var. **rugosa** (E.Mey. ex A.DC.) De Winter

Royena rugosa E.Mey. ex A.DC. (2)

Perennial. Shrub. Ht 0.8–3 m. Alt 60–1370 m. WC

batocana Hiern

D. odorata Hiern ex Greves (4)

D. odorata Hiern ex Greves var. *rhodesiana* Rendle (4)

D. xanthocarpa Gürke (4)

Perennial. Tree. Ht 3–12 m. Alt 900–1525 m. N, B

bicolor Klotzsch = **D. mespiliformis**

chamaethamnus Dinter ex Mildbr.

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 300–1000 m. N, B

dawei (Hutch.) Brenan = **D. natalensis**

dichrophylla (Gand.) De Winter

Royena dichrophylla Gand. (2)

Perennial. Tree or shrub. Ht 1–13 m. Alt 10–1500 m. LIM, S, KZN, WC, EC

galpinii (Hiern) De Winter

Royena galpinii Hiern (2)

Perennial. Dwarf shrub or occ. shrub. Ht 0.6–1.3 m. Alt 30–1525 m. M, S, KZN

glabra (L.) De Winter

Royena glabra L. (2)

Perennial. Shrub. Ht 0.6–2.5 m. Alt 500–2700 m. NC, WC

glandulifera De Winter

Royena glandulosa Harv. ex Hiern (2)

Perennial. Shrub. Ht 1–3 m. Alt 120–1130 m. KZN

holtzii Gürke = **D. mespiliformis**

inhacaensis F.White

Perennial. Tree or shrub. Ht 3–12 m. Alt 10–120 m. KZN

loueiriana G.Don subsp. **loueiriana**

Perennial. Tree or shrub. Ht 2–6 m. Alt 0–300 m. M

lycioides Desf. subsp. **guerkei** (Kuntze) De Winter

Royena guerkei Kuntze (2)

Royena lycioides (Desf.) A.DC. subsp. *guerkei* (Kuntze) De Winter (2)

Perennial. Tree or shrub. Ht 1–5 m. Alt 12–2140 m. LIM, NW, G, M, S, KZN

lycioides Desf. subsp. **lycioides**

Royena lycioides (Desf.) A.DC. (2)

Perennial. Shrub. Ht 0.6–7 m. Alt 30–2700 m. N, B, LIM, NW, G, M, FS, L, NC, WC, EC

lycioides Desf. subsp. **nitens** (Harv. ex Hiern) De Winter

Royena lycioides (Desf.) A.DC. subsp. *nitens* (Harv. ex Hiern) De Winter (2)

Royena nitens Harv. ex Hiern (2)

Perennial. Shrub. Ht up to 1.5 m. Alt 90–1530 m. LIM, M, KZN

lycioides Desf. subsp. **sericea** (Bernh.) De Winter

Royena lycioides (Desf.) A.DC. subsp. *sericea* (Bernh.) De Winter (2)

Royena sericea Bernh. (2)

Perennial. Tree or shrub. Ht 1–6 m. Alt 30–1970 m. N, B, LIM, M, S, KZN, EC

mespiliformis Hochst. ex A.DC.

D. bicolor Klotzsch (2)

D. holtzii Gürke (6)

D. sabiensis Hiern (2)

D. senegalensis Perr. ex DC. (6)

Perennial. Tree. Ht 2–25 m. Alt 210–1300 m. N, B, LIM, M, S

natalensis (Harv.) Brenan

D. dawei (Hutch.) Brenan (2)

D. nyasae Brenan (5)

Maba dawei Hutch. (5)

Maba natalensis Harv. (5)

Perennial. Tree or shrub. Ht 1–25 m. Alt 5–300 m. KZN, EC

natalensis (Harv.) Brenan subsp. *nummularia* (Brenan)

F.White, illegitimate name = **D. nummularia**

nummularia Brenan

D. natalensis (Harv.) Brenan subsp. *nummularia* (Brenan) F.White, illegitimate name (7)

Perennial. Tree or shrub. Ht 1–5 m. Alt 300–1600 m. M, S

nyasae Brenan = **D. natalensis**

odorata Hiern ex Greves = **D. batocana**

odorata Hiern ex Greves var. *rhodesiana* Rendle = **D. batocana**

pallens (Thunb.) F.White

Royena pallens Thunb. (2)

Perennial. Shrub. Ht 1–2.5 m. Alt 15–1120 m. WC, EC

pseudebenus (E.Mey. ex A.DC.) Parm. = **Euclea pseudebenus**

ramulosa (E.Mey. ex A.DC.) De Winter

Royena ramulosa E.Mey. ex A.DC. (2)

Perennial. Shrub. Ht 1–5 m. Alt 90–1065 m. N, NC, WC, EC

rotundifolia Hiern

Perennial. Tree. Ht 4–9 m. Alt 15–35 m. KZN

sabiensis Hiern = **D. mespiliformis**

scabrida (Harv. ex Hiern) De Winter var. **cordata** (E.Mey. ex A.DC.) De Winter

Royena cordata E.Mey. ex A.DC. (2)

Perennial. Shrub. Ht 0.3–3 m. Alt 150–1675 m. EC

scabrida (Harv. ex Hiern) De Winter var. **scabrida**

Royena scabrida Harv. ex Hiern (2)

Perennial. Shrub. Ht 0.5–2 m. Alt 30–300 m. KZN, EC

senegalensis Perr. ex DC. = **D. mespiliformis**

simii (Kuntze) De Winter

Royena simii Kuntze (2)

Perennial. Shrub or climber. Ht 1–7 m. Alt 15–1465 m. KZN, EC

villosa (L.) De Winter var. **parvifolia** (De Winter) De Winter

Royena villosa L. var. *parvifolia* De Winter (2)

Perennial. Shrub. Ht 0.5–3 m. Alt 300–1400 m. LIM, M, KZN

villosa (L.) De Winter var. **villosa**

Royena villosa L. (2)

Perennial. Shrub or climber. Ht 1–14 m. Alt 15–765 m. KZN, EC

virgata (Gürke) Brenan

Maba fragrans Hiern ex Greves (4)

Maba virgata Gürke (2)

Perennial. Dwarf shrub. Ht 0.3–0.9 m. Alt? N

whyteana (Hiern) F.White

Royena lucida L. (2)

Royena lucida L. var. *whyteana* (Hiern) De Winter & Brenan (4)

Royena whyteana Hiern (2)

Perennial. Shrub or tree. Ht 0.5–6 m. Alt 15–2225 m. LIM, NW, G, M, S, FS, KZN, WC, EC

xanthocarpa Gürke = **D. batocana**

EMBELIA Burm.f. 6310000

oleifolia S.Moore = **Euclea divinorum**

EUCLEA Murray 6404000

(1) De Winter. 1963. *FSA* 26: 80–99.

(2) White & Caveney. 1980. *Bulletin du Jardin Botanique National de Belgique* 50: 397–399.

(3) White. 1983. *FZ* 7,1: 288–300.

(4) Retief. 1986. *Bothalia* 16: 228, 229.

(5) White & Verdcourt. 1996. *FTEA Ebenaceae*: 43–49.

(6) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 24, 25.

(7) Coates Palgrave 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 885–894.

acutifolia E.Mey. ex A.DC.

Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 60–800 m. WC

angustifolia Benth. = **E. pseudebenus**

asperrima Friedr.-Holzh.

Perennial. Shrub. Ht up to 2 m. Alt? N

bakerana Brenan = **E. crispa** subsp. **crispa**

baumii Gürke = **E. crispa** subsp. **crispa**

bilocularis Hiern = **E. schimperi** var. **schimperi**

coriacea A.DC.

Perennial. Tree or shrub. Ht 1–3 m. Alt 1000–2440 m. FS, KZN, L, EC

crispa (Thunb.) Gürke subsp. **crispa**

E. bakerana Brenan (6)

E. baumii Gürke (6)

E. dekintii Gürke (6)

E. lanceolata E.Mey. ex A.DC. (1)

Gymnosporia ferruginea Baker (6)

Perennial. Tree or shrub. Ht 1–9 m. Alt 45–2200 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

crispa (Thunb.) Gürke subsp. **ovata** (Burch.) F.White

Perennial. Tree or shrub. Ht 1–6 m. Alt 570–1670 m. NW, FS, NC, WC, EC

daphnoides Hiern

E. schimperi (A.DC.) Dandy var. *daphnoides* (Hiern) De Winter (7)

Perennial. Tree or shrub. Ht 2.5–8 m. Alt 60–1220 m. LIM, M, S, KZN, EC

dekintii Gürke = **E. crispa** subsp. **crispa**

dewinteri Retief

Perennial. Shrub. Ht 1–2 m. Alt? M

divinorum Hiern

E. huilensis Gürke (1)

E. katangensis De Wild. (1)

E. kivuensis Gürke (5)

Embelia oleifolia S.Moore (1)

Perennial. Tree or shrub. Ht 2–6 m. Alt 30–1840 m. N, B, LIM, M, S, KZN

eylesii Hiern = **E. linearis**

fructuosa Hiern = **E. natalensis** subsp. **obovata**

huilensis Gürke = **E. divinorum**

katangensis De Wild. = **E. divinorum**

kellau Hochst. = **E. schimperi**

kivuensis Gürke = **E. divinorum**

lancea Thunb.

Perennial. Shrub. Ht 1–3 m. Alt 500–1370 m. NC, WC

lanceolata E.Mey. ex A.DC. = **E. crispa** subsp. **crispa**

linearis Zeyh. ex Hiern

E. eylesii Hiern (2)

Perennial. Tree or shrub. Ht 0.3–6 m. Alt 90–1640 m. LIM, M, NC, WC

macrophylla E.Mey. ex A.DC. = **E. racemosa** subsp. **macrophylla**

multiflora Hiern = **E. natalensis** subsp. **natalensis**

myrtina Burch. = **E. undulata**

natalensis A.DC. subsp. **angustifolia** F.White

Perennial. Tree or shrub. Ht 2–5 m. Alt 300–900 m. B, LIM, NW, M

natalensis A.DC. subsp. **capensis** F.White

E. tomentosa E.Mey. ex A.DC. × *E. natalensis* A.DC. (2)
Perennial. Tree or shrub. Ht 2–4 m. Alt? NC, WC

natalensis A.DC. subsp. **magutensis** F.White

Perennial. Tree or shrub. Ht 2–4 m. Alt 300–700 m. KZN

natalensis A.DC. subsp. **natalensis**

E. multiflora Hiern (3)
Perennial. Tree or shrub. Ht 2–4 m. Alt 15–300 m. M, S, KZN, EC

natalensis A.DC. subsp. **obovata** F.White

E. fructuosa Hiern (3)
Perennial. Tree or shrub. Ht 2–7 m. Alt 0–300 m. KZN, EC

natalensis A.DC. subsp. **rotundifolia** F.White

Perennial. Tree or shrub. Ht 3–6 m. Alt 0–100 m. KZN

polyandra (L.f.) E.Mey. ex Hiern

Royena polyandra L.f. (1)
Perennial. Shrub or dwarf shrub. Ht 0.3–2.5 m. Alt 2–2440 m. WC, EC

pseudebenus E.Mey. ex A.DC.

Diospyros pseudebenus (E.Mey. ex A.DC.) Parm. (1)
E. angustifolia Benth. (1)
Perennial. Tree or shrub. Ht 3–9 m. Alt 6–1300 m. N, NC

racemosa Murray subsp. **bernardii** F.White

Perennial. Tree or shrub. Ht 0.5–3 m. Alt 0–100 m. WC

racemosa Murray subsp. **macrophylla** (E.Mey. ex A.DC.) F.White

E. macrophylla E.Mey. ex A.DC. (3)
Perennial. Tree or shrub. Ht 0.5–3 m. Alt 0–100 m. KZN, WC, EC

racemosa Murray subsp. **racemosa**

Perennial. Tree or shrub. Ht 0.3–5 m. Alt 5–650 m. NC, WC

racemosa Murray subsp. **schimperi** (A.DC.) F.White = **E. schimperi**

racemosa Murray subsp. **sinuata** F.White

Perennial. Tree or shrub. Ht 1–5 m. Alt 0–300 m. KZN

schimperi (A.DC.) Dandy

E. bilocularis Hiern (1)
E. kellau Hochst. (1)
E. racemosa Murray subsp. *schimperi* (A.DC.) F.White (7)
E. urijiensis Hiern (1)
Kellaua schimperi A.DC. (1)
Perennial. Tree or shrub. Ht 1–10 m. Alt 2–300 m. N, LIM

schimperi (A.DC.) Dandy var. **daphnoides** (Hiern) De Winter = **E. daphnoides**

tomentosa E.Mey. ex A.DC.

Perennial. Shrub. Ht 0.6–1.5 m. Alt 90–820 m. NC, WC

tomentosa E.Mey. ex A.DC. × *E. natalensis* A.DC. = **E. natalensis** subsp. **capensis**

undulata Thunb.

E. myrtina Burch. (3)

E. undulata Thunb. var. *myrtina* (Burch.) Hiern (3)

Perennial. Tree or shrub. Ht 0.5–7 m. Alt 6–1300 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

undulata Thunb. var. *myrtina* (Burch.) Hiern = **E. undulata urijiensis** Hiern = **E. schimperi**

KELLAUA A.DC. 6404010

schimperi A.DC. = **Euclea schimperi**

MABA J.R.Forst. & G.Forst. 6405000

dawei Hutch. = **Diospyros natalensis**

fragrans Hiern ex Greves = **Diospyros virgata**

natalensis Harv. = **Diospyros natalensis**

virgata Gürke = **Diospyros virgata**

ROYENA L. 6403000

acocksii De Winter = **Diospyros acocksii**

cordata E.Mey. ex A.DC. = **Diospyros scabrada** var. **cordata**

dichrophylla Gand. = **Diospyros dichrophylla**

galpinii Hiern = **Diospyros galpinii**

glabra L. = **Diospyros glabra**

glandulosa Harv. ex Hiern = **Diospyros glandulifera**

guerkei Kuntze = **Diospyros lycioides** subsp. **guerkei**

hirsuta L. = **Diospyros austro-africana** var. **austro-africana**

hirsuta L. var. *rubriflora* De Winter = **Diospyros austro-africana** var. **rubriflora**

lucida L. = **Diospyros whyteana**

lucida L. var. *whyteana* (Hiern) De Winter & Brenan = **Diospyros whyteana**

lycioides (Desf.) A.DC. = **Diospyros lycioides** subsp. **lycioides**

lycioides (Desf.) A.DC. subsp. *guerkei* (Kuntze) De Winter = **Diospyros lycioides** subsp. **guerkei**

lycioides (Desf.) A.DC. subsp. *nitens* (Harv. ex Hiern) De Winter = **Diospyros lycioides** subsp. **nitens**

lycioides (Desf.) A.DC. subsp. *sericea* (Bernh.) De Winter = **Diospyros lycioides** subsp. **sericea**

microphylla Burch. = **Diospyros austro-africana** var. **microphylla**

nitens Harv. ex Hiern = **Diospyros lycioides** subsp. **nitens**

pallens Thunb. = **Diospyros pallens**

polyandra L.f. = **Euclea polyandra**

ramulosa E.Mey. ex A.DC. = **Diospyros ramulosa**

rugosa E.Mey. ex A.DC. = **Diospyros austro-africana** var. **rugosa**

scabrada Harv. ex Hiern = **Diospyros scabrada** var. **scabrada**

sericea Bernh. = **Diospyros lycioides** subsp. **sericea**

simii Kuntze = **Diospyros simii**

villosa L. = **Diospyros villosa** var. **villosa**

villosa L. var. *parvifolia* De Winter = **Diospyros villosa** var. **parvifolia**

whyteana Hiern = **Diospyros whyteana**

ELATINACEAE

Compiled by C.L. Bredenkamp

BERGIA L.

5230000

- (1) Wild. 1961. *FZ* 1: 373–377.
 (2) Obermeyer. 1976. *FSA* 22: 24–30.
 (3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 81, 82.

alsinoides Friedr.-Holzh. = **B. anagalloides****ammannioides** B.Heyne ex Roth

Annual. Herb, aquatic. Ht 0.1–0.12 m. Alt? N, B

anagalloides E.Mey. ex Fenzl*B. alsinoides* Friedr.-Holzh. (2)

Annual. Herb. Ht 0.01–0.2 m. Alt 516–1733 m. N, NW, FS, NC, EC

capensis L.

Annual. Herb, aquatic. Ht 0.25–0.35 m. Alt up to 610 m. N, B, LIM, NW, M, S

decumbens Planch. ex Harv.

Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 700–1705 m. B, LIM, NW, G, M, S

glomerata L.f.

Perennial. Herb. Ht up to 0.01 m. Alt 15–640 m. NC, WC, EC

glutinosa Dinter & Schulze-Menz

Annual. Herb. Ht up to 0.1 m. Alt? N

integrifolia Dinter ex Friedr.-Holzh. = **B. polyantha****pentheriana** Keissl.*B. prostrata* Schinz (2)

Perennial. Herb. Ht up to 0.15 m. Alt up to 1421 m. N, B, NW, FS, NC

polyantha Sond.*B. integrifolia* Dinter ex Friedr.-Holzh. (2)

Annual. Herb. Ht 0.08–0.2 m. Alt? N, B, NC

prostrata Schinz = **B. pentheriana****salaria** Bremek.

Perennial. Dwarf shrub. Ht. 0.1–0.3 m. Alt 550–896 m. B, LIM

salaria Bremek. × **B. decumbens** Planch. ex Harv.

Perennial. Dwarf shrub, herb. Ht up to 0.22 m. Alt ± 34 m. B, LIM, S

spathulata Schinz

Annual. Herb. Ht 0.15–0.4 m. Alt? N

ELATINE L.

5231000

- (1) Wild. 1961. *FZ* 1: 377, 378.
 (2) Obermeyer. 1976. *FSA* 22: 30–32.
 (3) Cook. 1996. *Aquatic & wetland plants of India*: 186, 187.
 (4) Glen & Cook. Personal communication.

ambigua Wight

Annual. Herb, aquatic. Ht up to 0.1 m. Alt 30–1405 m. N, B, LIM, NW, G, KZN

triandra SchkuhrAnnual. Herb, aquatic. Ht up to 0.18 m. Alt? G, KZN
 Note: although included in southern African floras, it mostly occurs in warmer areas of the northern hemisphere. (4)

ERICACEAE

Compiled by E.G.H. Oliver & I.M. Oliver

ACROSTEMON Klotzsch

6243030

barkerae Compton = **Erica eriocephala***cereris* (Compton) E.G.H.Oliv. = **Erica cereris***concinus* N.E.Br. = **Erica russakiana***equisetoides* Klotzsch = **Erica eriocephala***eriocephalus* (Klotzsch) N.E.Br. = **Erica pilosiflora**
subsp. **pilosiflora***fourcadei* L.Guthrie = **Erica angulosa***glandulosus* Rach = **Erica eriocephala***hirsutus* (Thunb.) Klotzsch = **Erica eriocephala***incanus* Klotzsch = **Erica eriocephala***incurvus* (Klotzsch) Benth. = **Erica eriocephala***schlechteri* N.E.Br. = **Erica radicans** subsp. **schlechteri***stokoei* L.Guthrie = **Erica eriocephala***thunbergii* (G.Don) Alm & T.C.E.Fr. = **Erica eriocephala***viscidus* N.E.Br. = **Erica arachnocalyx***xeranthemifolius* (Salisb.) E.G.H.Oliv. = **Erica xeranthemifolia****ANISERICA** N.E.Br.

6245010

gracilis (Bartl.) N.E.Br. = **Erica benthamiana***macrocalyx* Salter = **Erica benthamiana****ANOMALANTHUS** Klotzsch

6244020

anguliger N.E.Br. = **Erica anguliger***collinus* N.E.Br. = **Erica anguliger***curviflorus* N.E.Br. = **Erica anguliger***discolor* Klotzsch = **Erica anguliger***galpinii* N.E.Br. = **Erica anguliger***leslei* Compton = **Erica anguliger***marlothii* N.E.Br. = **Erica anguliger***parviflorus* (Klotzsch) N.E.Br. = **Erica anguliger***puberulus* (Klotzsch) N.E.Br. = **Erica anguliger***salteri* Compton = **Erica anguliger***scoparius* Klotzsch = **Erica anguliger***turbinatus* N.E.Br. = **Erica anguliger****ARACHNOCALYX** Compton

6243035

cereris Compton = **Erica cereris***viscidus* (N.E.Br.) E.G.H.Oliv. = **Erica arachnocalyx**

BLAERIA L.	6242000	EREMIA D.Don	6243000
<i>affinis</i> N.E.Br. = Erica ericoides		<i>brevifolia</i> Benth. = Erica velatiflora	
<i>albida</i> Thunb. = Erica muscosa		<i>calycina</i> Compton = Erica bokkeveldia	
<i>articulata</i> L., name rejected = Erica similis		<i>curvistyla</i> (N.E.Br.) E.G.H.Oliv. = Erica curvistyla	
<i>barbigera</i> (Salisb.) G.Don (insufficiently known)		<i>florifera</i> Compton = Erica florifera	
<i>bracteata</i> J.C.Wendl. = Erica labialis		<i>lanata</i> (Klotzsch) Benth. = Erica xeranthemifolia	
<i>campanulata</i> Benth. = Erica equisetifolia		<i>peltata</i> Compton = Erica cetrata	
<i>coccinea</i> Klotzsch = Erica longimontana		<i>totta</i> (Thunb.) D.Don = Erica totta	
<i>dumosa</i> J.C.Wendl. var. <i>breviflora</i> N.E.Br. = Erica equisetifolia		<i>virgata</i> Compton = Erica bokkeveldia	
<i>dumosa</i> J.C.Wendl. var. <i>dumosa</i> = Erica equisetifolia		EREMIELLA Compton	6243050
<i>equisetifolia</i> (Salisb.) G.Don = Erica equisetifolia		<i>outeniquae</i> Compton = Erica outeniquae	
<i>ericoides</i> L. = Erica ericoides		EREMIOPSIS N.E.Br.	6243070
<i>fastigiata</i> Benth. = Erica longimontana		<i>curvistyla</i> N.E.Br. = Erica curvistyla	
<i>flava</i> Bolus = Erica equisetifolia		ERICA L.	6237000
<i>flexuosa</i> Benth. = Erica multiflexuosa		(1) Guthrie & Bolus. 1906. <i>FC</i> 4: 2–315.	
<i>fuscescens</i> Klotzsch = Erica fuscescens		(2) Esterhuysen. 1963. <i>Journal of South African Botany</i> 29: 51–58.	
<i>gracilis</i> Bartl. = Erica benthamiana		(3) Dulfer. 1963. <i>Annalen des Naturhistorischen Museums Wien</i> 66: 19–33.	
<i>grandis</i> N.E.Br. = Erica sagittata		(4) Dulfer. 1965. <i>Annalen des Naturhistorischen Museums Wien</i> 68: 25–177.	
<i>klotzschii</i> Alm & T.C.E.Fr. = Erica klotzschii		(5) Baker. 1966. <i>Journal of South African Botany</i> 32: 238.	
<i>kraussiana</i> Klotzsch ex Walp. = Erica russakiana		(6) Killick. 1966. <i>Bothalia</i> 9: 126–128.	
<i>muscosa</i> Aiton = Erica muscosa		(7) Baker. 1967. <i>Journal of South African Botany</i> 33: 177–181.	
<i>oppositifolia</i> L.Guthrie = Erica equisetifolia		(8) Oliver. 1967. <i>Journal of South African Botany</i> 33: 197–204.	
<i>paucifolia</i> J.C.Wendl. = Erica paucifolia subsp. paucifolia		(9) Ross. 1967. <i>Journal of the Linnean Society, Botany</i> 60: 61–73.	
<i>purpurea</i> L.f. = Erica equisetifolia		(10) Baker. 1968. <i>Journal of South African Botany</i> 34: 77–90.	
<i>purpurea</i> P.J.Bergius = Erica glabella subsp. glabella		(11) Baker. 1969. <i>Journal of South African Botany</i> 35: 25–33.	
<i>pusilla</i> J.C.Wendl. = Erica muscosa		(12) Baker. 1970. <i>Journal of South African Botany</i> 36: 267–269.	
<i>pusilla</i> Klotzsch = Erica klotzschii		(13) Baker. 1971. <i>Journal of South African Botany</i> 37: 169–175.	
<i>revoluta</i> Bartl. = Erica barbigeroides		(14) Baker. 1972. <i>Journal of South African Botany</i> 38: 121–124.	
<i>sagittata</i> (Klotzsch ex Benth.) Alm & T.C.E.Fr. = Erica sagittata		(15) Baker. 1973. <i>Journal of South African Botany</i> 39: 205–211.	
<i>serrata</i> (Thunb.) Thunb. = Erica serrata		(16) Oliver. 1973. <i>Bothalia</i> 11: 115, 116.	
BLEPHAROPHYLLUM Klotzsch	6248060	(17) Oliver. 1973. <i>The Flowering Plants of Africa</i> 42: t. 1680.	
<i>divaricatum</i> Klotzsch = Erica rigidula		(18) Baker. 1975. <i>Journal of South African Botany</i> 41: 125–130.	
COCCOSPERMA Klotzsch	6248010	(19) Oliver. 1976. <i>Bothalia</i> 12: 57–59.	
<i>areolatum</i> N.E.Br. = Erica areolata		(20) Oliver. 1977. <i>Bothalia</i> 12: 195–197.	
<i>forbesianum</i> Klotzsch, superfluous name = Erica subcapitata		(21) Oliver. 1981. <i>Bothalia</i> 13: 446–448.	
<i>hexandrum</i> (Klotzsch) Druce = Erica subcapitata		(22) Ross. 1983. <i>FZ</i> 7: 157–181.	
<i>rugosum</i> Klotzsch = Erica rugata		(23) Oliver. 1984. <i>South African Journal of Botany</i> 3: 268–270.	
<i>subcapitatum</i> N.E.Br. = Erica subcapitata		(24) Davidson. 1985. <i>South African Journal of Botany</i> 51: 71–73.	
COILOSTIGMA Klotzsch	6246000	(25) Hilliard & Burt. 1985. <i>Notes from the Royal Botanic Garden Edinburgh</i> 42: 239–246.	
<i>dregeanum</i> Klotzsch = Erica zeyheriana		(26) Oliver. 1986. <i>Bothalia</i> 16: 35–38.	
<i>glabrum</i> Benth. = Erica burchelliana		(27) Oliver. 1987. <i>South African Journal of Botany</i> 53: 455–458.	
<i>tenuifolium</i> Klotzsch = Erica zeyheriana		(28) Davidson. 1989. <i>South African Journal of Botany</i> 55: 273.	
<i>zeyherianum</i> Klotzsch var. <i>tenuifolium</i> (Klotzsch) E.G.H.Oliv. = Erica zeyheriana		(29) Oliver. 1990. <i>Bothalia</i> 20: 41–48.	
<i>zeyherianum</i> Klotzsch var. <i>zeyherianum</i> = Erica zeyheriana		(30) Oliver & Oliver. 1991. <i>Bothalia</i> 21: 137–142.	
		(31) Oliver. 1993. <i>Bothalia</i> 23: 1–7.	
		(32) Oliver. 1993. <i>Bothalia</i> 23: 9–14.	
		(33) Oliver & Oliver. 1994. <i>Bothalia</i> 24: 25–30.	
		(34) Oliver. 1994. <i>Bothalia</i> 24: 121–126.	
		(35) Oliver & Oliver. 1995. <i>Bothalia</i> 25: 121–126.	
		(36) Oliver. 1995. <i>Bothalia</i> 25: 242–244.	
		(37) Oliver & Oliver. 1995. <i>Feddes Repertorium</i> 106: 347–352.	
		(38) Hilton-Taylor. 1996. <i>Bothalia</i> 26: 178.	
		(39) Oliver & Oliver. 1996. <i>Feddes Repertorium</i> 107: 305–310.	
		(40) Oliver & Oliver. 1996. <i>Yearbook of the Heather Society</i> 1996: 1–5.	
		(41) Oliver & Oliver. 1997. <i>Bothalia</i> 27: 142–144.	
		(42) Oliver & Oliver. 1997. <i>Yearbook of the Heather Society</i> 1997: 13–18.	
		(43) Oliver & Oliver. 1998. <i>Novon</i> 8: 267–274.	
		(44) Oliver & Oliver. 1998. <i>Novon</i> 8: 430–432.	
		(45) Oliver & Oliver. 1998. <i>Yearbook of the Heather Society</i> 1998: 32–38.	
		(46) Oliver & Oliver. 1999. <i>Bothalia</i> 29: 112–117.	
		(47) Oliver & Oliver. 1999. <i>Bothalia</i> 29: 95–117.	
		(48) Oliver & Oliver. 1999. <i>Yearbook of the Heather Society</i> 1999: 36–42.	
		(49) Oliver & Oliver. 2000. <i>Bothalia</i> 30: 49–53.	
		(50) Oliver & Oliver. 2000. <i>Bothalia</i> 30: 147–153.	
		(51) Oliver. 2000. <i>Contributions from the Bolus Herbarium</i> 19: 1–483.	
		(52) Oliver & Oliver. 2000. <i>Yearbook of the Heather Society</i> 2000: 57–68.	

- (53) Oliver & Oliver. 2001. *Yearbook of the Heather Society* 2001: 9–14.
 (54) Oliver & Oliver. 2001. *Yearbook of the Heather Society* 2001: 27–34.
 (55) Oliver & Oliver. 2001. *Bothalia* 31: 1–8.
 (56) Oliver & Oliver. 2001. *Bothalia* 31: 155–165.
 (57) Oliver & Oliver. 2002. *Yearbook of the Heather Society* 2002: 31–36.
 (58) Oliver & Oliver. 2002. *Bothalia* 32: 37–61.
 (59) Oliver & Oliver. 2002. *Bothalia* 32: 167–180.
 (60) Oliver & Oliver. Personal communication.

Note 1: many of the varieties created and listed by Guthrie & Bolus and by Dulfer are not recognised by us in NBG but are retained here until their placement in synonymy, or elevation to specific or sub-specific rank in some cases, has been formally published.

Note 2: altitudinal ranges for all species have been excluded because of the excessive time it would take us to check thousands of specimens in NBG and BOL manually in order to give any meaningful figures.

- abbottii** E.G.H.Oliv. (30)
 Perennial. Dwarf shrub. Ht up to 0.2 m. KZN, EC
- abelii** E.G.H.Oliv. (23)
 Perennial. Dwarf shrub. Ht up to 0.6 m. EC
- abietina** in sense of Benth., not of L. = **E. patersonii**
- abietina** L. subsp. **abietina**
E. abietina L. var. *abietina* (58)
E. coccinea P.J.Bergius (58)
 Perennial. Shrub. Ht up to 1.5 m. WC
- abietina** L. subsp. **atorrosea** E.G.H.Oliv. & I.M.Oliv.
E. hesseana Klotzsch (58)
E. phyllicifolia Salisb. (58)
E. purpurea Andrews (58)
 Perennial. Shrub. Ht up to 1.5 m. WC
- abietina** L. subsp. **aurantiaca** E.G.H.Oliv. & I.M.Oliv.
E. exurgens Andrews (58)
E. grandiflora L.f. var. *exurgens* (Andrews) E.G.H.Oliv. (58)
E. grandiflora L.f. var. *grandiflora* (58)
 Perennial. Shrub. Ht up to 1.5 m. WC
- abietina** L. subsp. **constantiana** E.G.H.Oliv. & I.M.Oliv.
E. conica Lodd. (58)
 Perennial. Shrub. Ht up to 0.5 m. WC
- abietina** L. subsp. **diabolis** E.G.H.Oliv. & I.M.Oliv.
E. coccinea P.J.Bergius var. *echiiiflora* in sense of Bolus and others, not of (Andrews) Benth. (58)
 Perennial. Shrub. Ht up to 1 m. WC
- abietina** L. subsp. **perfoliosa** E.G.H.Oliv. & I.M.Oliv.
 Perennial. Shrub. Ht up to 1.5 m. WC
- abietina** L. subsp. **petraea** E.G.H.Oliv. & I.M.Oliv.
 Perennial. Shrub. Ht up to 0.5 m. WC
- abietina** L. var. **abietina** = **E. abietina** subsp. **abietina**
- accommodata** Klotzsch ex Benth. var. **accommodata**
 Perennial. Shrub, dwarf shrub. Ht up to 0.3 m. WC
- accommodata** Klotzsch ex Benth. var. **ebracteata** Bolus = **E. lasciva**
- accommodata** Klotzsch ex Benth. var. **subviscidula** Bolus
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- acockii** Compton = **E. alexandri** subsp. **acockii**
- acuta** Andrews var. **acuta**
 Perennial. Dwarf shrub. Ht up to 0.6 m. WC
- acuta** Andrews var. **breviflora** Dulfer
 Perennial. Shrub. Ht? WC
- adaequata** Tausch = hort. hybrid (60)
- adnata** L.Bolus
 Perennial. Shrub, dwarf shrub. Ht up to 1 m. WC
- adunca** Benth. = **E. triceps**
- aemula** Guthrie & Bolus
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- aemula** Guthrie & Bolus var. **pubescens** Guthrie & Bolus = **E. distorta**
- aestiva** Markötter var. **aestiva**
 Perennial. Dwarf shrub. Ht 0.15–0.61 m. FS, KZN, L
- aestiva** Markötter var. **minor** Dulfer (3)
 Perennial. Dwarf shrub. Ht? KZN
- affinis** Benth.
 Perennial. Shrub. Ht up to 1 m. WC, EC
- agglutinans** E.G.H.Oliv. (51)
Syndesmanthus schlechteri N.E.Br., not *E. schlechteri* Bolus
 Perennial. Dwarf shrub. Ht up to 0.1 m. WC
- aghillana** Guthrie & Bolus var. **aghillana**
 Perennial. Dwarf shrub. Ht up to 0.25 m. WC
- aghillana** Guthrie & Bolus var. **latifolia** Guthrie & Bolus
 Perennial. Dwarf shrub. Ht up to 0.25 m. WC
- albans** in sense of Thunb., not of L. = **E. muscosa**
- albans** L. var. **albans**
 Perennial. Shrub. Ht up to 1.2 m. WC
- albans** L. var. **longiflora** Benth.
 Perennial. Dwarf shrub. Ht? WC
- albertyniae** E.G.H.Oliv. (51)
 Perennial. Dwarf shrub. Ht up to 0.25 m. WC
- albescens** Klotzsch ex Benth. var. **albescens**
 Perennial. Shrub. Ht up to 1 m. WC
- albescens** Klotzsch ex Benth. var. **erecta** Bolus
 Perennial. Dwarf shrub. Ht? WC
- albida** (Thunb.) Thunb. = **E. muscosa**
- albospicata** Hilliard & B.L.Burt (25)
 Perennial. Herb. Ht up to 0.25 m. KZN, L
- alexandri** Guthrie & Bolus subsp. **alexandri** (33)
 Perennial. Dwarf shrub. Ht up to 0.15 m. WC
- alexandri** Guthrie & Bolus subsp. **acockii** (Compton) E.G.H.Oliv.
E. acockii Compton (33)
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- alfredii** Guthrie & Bolus
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- algida** Bolus
 Perennial. Shrub. Ht up to 0.6 m. FS, KZN, L, EC
- alnea** E.G.H.Oliv. (35)
 Perennial. Shrub. Ht up to 0.6 m. WC
- alopecurus** Harv. var. **alopecurus**
 Perennial. Shrub. Ht up to 0.5 m. LIM, NW, G, M, FS, KZN, L, EC
- alopecurus** Harv. var. **glabriflora** Bolus
 Perennial. Dwarf shrub. Ht? G, EC
- altevivens** H.A.Baker (13)
 Perennial. Dwarf shrub. Ht up to 0.2 m. WC
- alticola** Guthrie & Bolus
 Perennial. Shrub, dwarf shrub. Ht 0.25–1.31 m. M
- altiphila** E.G.H.Oliv.
Philippia alticola E.G.H.Oliv. (27)
 Perennial. Shrub. Ht up to 0.4 m. WC
- amalophylla** E.G.H.Oliv. & I.M.Oliv. (59)
 Perennial. Shrub. Ht up to 0.12 m. WC
- amatolensis** E.G.H.Oliv.

- Ericinella multiflora* Klotzsch (34)
Perennial. Shrub. Ht up to 1.5 m. EC
- amicorum** E.G.H.Oliv. (29)
Perennial. Dwarf shrub. Ht up to 0.1 m. WC
- amoena** J.C.Wendl.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- amphigena** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.6 m. WC
- ampullacea** Curtis var. **ampullacea**
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- ampullacea** Curtis var. **obbata** (Andrews) Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- andreaei** Compton
Perennial. Dwarf shrub. Ht up to 0.6 m. WC
- aneimena** Dulfer
E. hirsuta Klotzsch ex Benth. (4)
Perennial. Shrub. Ht up to 0.6 m. WC
- anemodes** E.G.H.Oliv. (55)
Perennial. Dwarf shrublet. Ht up to 0.5 m. WC
- anguliger** (N.E.Br.) E.G.H.Oliv.
Anomalanthus anguliger N.E.Br. (51)
Anomalanthus collinus N.E.Br., not *E. collina* Guthrie & Bolus (51)
Anomalanthus curviflorus N.E.Br., not *E. curviflora* L. (51)
Anomalanthus discolor Klotzsch, not *E. discolor* Andrews (51)
Anomalanthus galpinii N.E.Br., not *E. galpinii* Salter (51)
Anomalanthus leslei Compton (51)
Anomalanthus marlothii N.E.Br., not *E. marlothii* Bolus (51)
Anomalanthus parviflorus (Klotzsch) N.E.Br., not *E. parviflora* L. (51)
Anomalanthus puberulus (Klotzsch) N.E.Br., not *E. puberula* Bartl. (51)
Anomalanthus salteri Compton (51)
Anomalanthus scoparius Klotzsch, not *E. scoparia* L. (51)
Anomalanthus turbinatus N.E.Br., not *E. turbinata* Andrews (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- angulosa** E.G.H.Oliv.
Acrostemon fourcadei L.Guthrie, not *E. fourcadei* L.Bolus (51)
Simocheilus fourcadei (L.Guthrie) E.G.H.Oliv. (23)
Perennial. Shrub. Ht up to 0.5 m. WC, EC
- annalis** E.G.H.Oliv. & I.M.Oliv. (59)
Perennial. Shrub. Ht up to 1 m. WC
- annectens** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.6 m. WC
- anomala** Hilliard & B.L.Burt (25)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. KZN
- arachnocalyx** E.G.H.Oliv.
Acrostemon viscidus N.E.Br., not *E. viscida* Andrews (51)
Arachnocalyx viscidus (N.E.Br.) E.G.H.Oliv. (51)
Perennial. Dwarf shrublet. Ht up to 0.2 m. WC
- arachnoidea* Klotzsch = **E. cordata** var. **arachnoidea**
- arcuata** Compton
Perennial. Shrub. Ht up to 0.75 m. WC
- ardens** Andrews
Perennial. Shrub, dwarf shrub. Ht up to 0.8 m. WC
- arenaria** L.Bolus
Perennial. Shrub. Ht up to 2 m. WC
- areolata** (N.E.Br.) E.G.H.Oliv.
Coccosperma areolatum N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- argentea** Klotzsch ex Benth. var. **argentea**
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- argentea** Klotzsch ex Benth. var. **rigida** Bolus
Perennial. Dwarf shrub. Ht? WC
- argyrea** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.2 m. WC
- aristata** Andrews var. **aristata**
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- aristata** Andrews var. **minor** (L.Bolus) Dulfer
E. coruscans L.Bolus var. *minor* L.Bolus (4)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- aristata** Andrews var. **turrisburyonica** H.A.Baker (12)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- aristifolia** Benth.
E. sonora Compton (60)
Perennial. Dwarf shrub. Ht? WC
- armata** Klotzsch ex Benth. var. **armata**
E. umbrosa H.A.Baker (2)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- armata** Klotzsch ex Benth. var. **breviaristata** Bolus
Perennial. Dwarf shrub. Ht? WC
- artemisioides** (Klotzsch) E.G.H.Oliv.
Salaxis artemisioides Klotzsch (51)
Salaxis micrantha Benth. (51)
Salaxis octandra Klotzsch var. *artemisioides* (Klotzsch) N.E.Br. (51)
Scyphogyne micrantha (Benth.) N.E.Br. (51)
Perennial. Shrub. Ht up to 1(–2) m. WC
- articularis** L. var. **articularis**
Perennial. Shrub, dwarf shrub. Ht up to 1.1 m. WC
- articularis** L. var. **implexa** Bolus
Perennial. Dwarf shrub. Ht? WC
- articularis** L. var. **meyeriana** Bolus
Perennial. Dwarf shrub. Ht? WC
- aspalathifolia** Bolus var. **aspalathifolia**
Perennial. Dwarf shrub. Ht up to 0.5 m. KZN, EC
- aspalathifolia** Bolus var. **bachmannii** Bolus
Perennial. Dwarf shrub. Ht? EC
- aspalathoides** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.2 m. WC
- astroites** Guthrie & Bolus var. **astroites**
Perennial. Shrub. Ht up to 0.7 m. WC
- astroites** Guthrie & Bolus var. **minor** Guthrie & Bolus
Perennial. Dwarf shrub. Ht? WC
- atherstonei** Diels ex Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.25 m. M
- atricha** Dulfer
E. carinata Klotzsch ex Benth. (4)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- atromontana** E.G.H.Oliv. (51)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- atropurpurea** Dulfer (3)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- atrovinosa** E.G.H.Oliv. (8)
Perennial. Shrub. Ht up to 0.7 m. WC
- auriculata* Guthrie & Bolus = **E. greyi**
- austroverna* Hilliard = **E. revoluta**
- autumnalis** L.Bolus
Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- axillaris** Thunb.
E. calyciflora Tausch (51)
Salaxis axillaris (Thunb.) G.Don (51)
Salaxis flexuosa Klotzsch (51)
Salaxis flexuosa Klotzsch var. *cognata* N.E.Br. (51)
Salaxis hexandra Klotzsch in part (51)

- Salaxis major* N.E.Br. (51)
Salaxis octandra Klotzsch (51)
Salaxis puberula Klotzsch (51)
Salaxis sieberi Benth. (51)
 Perennial. Shrub. Ht up to 1 m. WC
- axilliflora** Bartl.
 Perennial. Shrub. Ht up to 0.75 m. WC
- azaleifolia** Salisb.
 Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- baccans** L.
 Perennial. Shrub. Ht up to 2 m. WC
- bakeri** Salter
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- banksia* Andrews var. *banksia* = **E. banksii** subsp. **banksii**
banksia Andrews var. *purpurea* Andrews = **E. banksii** subsp. **purpurea**
- banksii** [as 'banksia'] Andrews subsp. **banksii**
E. banksia Andrews var. *banksia* (58)
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- banksii** [as 'banksia'] Andrews subsp. **comptonii** (Salter) E.G.H.Oliv. & I.M.Oliv.
E. comptonii Salter (58)
 Perennial. Shrub. Ht up to 0.6 m. WC
- banksii** [as 'banksia'] Andrews subsp. **purpurea** Andrews
E. banksia Andrews var. *purpurea* Andrews (58)
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- barbata* Andrews var. *major* Andrews = **E. pannosa**
- barbigeroides** E.G.H.Oliv.
Blaeria revoluta Bartl. (31)
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- barrydalensis** L.Bolus
 Perennial. Shrub. Ht up to 2 m. WC
- baueri** [as 'bauera'] Andrews subsp. **baueri**
E. bowieana Lodd. (58)
 Perennial. Shrub. Ht up to 1 m. WC
- baueri** [as 'bauera'] Andrews subsp. **gouriquae** E.G.H.Oliv. & I.M.Oliv.
 Perennial. Shrub. Ht up to 1.5 m. WC
- baurii** Bolus
 Perennial. Shrub. Ht up to 0.6 m. EC
- beatricis** Compton
 Perennial. Dwarf shrub. Ht? WC
- benthamiana** E.G.H.Oliv.
Aniseric gracilis (Bartl.) N.E.Br. (51)
Aniseric macrocalyx Salter (51)
Blaeria gracilis Bartl., not *E. gracilis* J.C.Wendl. (51)
Sympieza gracilis (Bartl.) E.G.H.Oliv. (51)
 Perennial. Shrub. Ht 0.3(-0.6) m. WC
- bergiana** L. var. **bergiana**
 Perennial. Shrub, dwarf shrub. Ht 0.05-1.52 m. WC
- bergiana** L. var. **glabra** J.C.Wendl.
 Perennial. Shrub. Ht? WC
- bergiana** L. var. **parviflora** (Klotzsch) Dulfer
 Perennial. Dwarf shrub. Ht? WC
- berzelioides** Guthrie & Bolus
 Perennial. Shrub. Ht up to 1 m. WC
- bibax** Salisb.
 Perennial. Shrub. Ht up to 1.5 m. WC
- bicolor** Thunb.
E. copiosa J.C.Wendl. var. *longicauda* Bolus (2)
 Perennial. Dwarf shrub. Ht 0.3-0.6 m. WC
- binaria** E.G.H.Oliv.
E. natalitia Bolus var. *brevipedicellata* Dulfer (51)
 Perennial. Shrub. Ht up to 0.6 m. WC
- blaerioides** E.G.H.Oliv. subsp. **blaerioides**
 Perennial. Dwarf shrublet. Ht up to 0.3 m. WC
- blaerioides** E.G.H.Oliv. subsp. **hirsuta** E.G.H.Oliv.
 Perennial. Dwarf shrublet. Ht up to 0.3 m. WC
- blancheana* L.Bolus = **E. hispidula** var. **hispidula**
- blandfordia** Andrews
 Perennial. Shrub. Ht up to 1 m. WC
- blenna** Salisb. var. **blenna**
 Perennial. Shrub. Ht up to 1 m. WC
- blenna** Salisb. var. **grandiflora** Bolus
 Perennial. Dwarf shrub. Ht up to 0.6 m. WC
- blesbergensis* H.A.Baker = **E. inamoena**
- bodkinii** Guthrie & Bolus
 Perennial. Shrub. Ht up to 0.9 m. WC
- bokkeveldia** E.G.H.Oliv.
Eremia calycina Compton, not *E. calycina* L. (51)
Eremia virgata Compton, not *E. virgata* Thunb. (51)
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- bolusanthus** E.G.H.Oliv.
Thoracosperma nanum N.E.Br., not *E. nana* Salisb. (51)
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC, EC
- bolusiae** Salter var. **bolusiae**
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- bolusiae** Salter var. **cyathiformis** H.A.Baker
 Perennial. Dwarf shrub. Ht? WC
- bondiae* Compton = **E. glandulosa** var. **bondiae**
- borboniifolia** Salisb.
 Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- botryoides** Dulfer (3)
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- boucheri** E.G.H.Oliv. (51)
 Perennial. Shrub. Ht up to 0.5 m. WC
- bowieana* Lodd. = **E. baueri**
- brachialis** Salisb.
 Perennial. Shrub. Ht up to 2 m. WC
- brachycentra** Benth.
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- brachysepala** Guthrie & Bolus
 Perennial. Dwarf shrub. Ht up to 0.2 m. WC
- bracteolaris** Lam.
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- bredasiana** E.G.H.Oliv.
Salaxis pumila N.E.Br., not *E. pumila* Andrews (51)
 Perennial. Shrub. Ht up to 0.5 m. WC
- brevicaulis** Guthrie & Bolus
 Perennial. Dwarf shrub. Ht up to 0.1 m. WC
- breviflora* Dulfer = **E. plukenetii** subsp. **breviflora**
- brevifolia** Sol. ex Salisb.
E. chlamydiflora Salisb. (60)
 Perennial. Dwarf shrub. Ht up to 0.6 m. WC
- broadleyana* Andrews = hort. hybrid (58)
- brownii** E.G.H.Oliv.
Syndesmanthus breviflorus N.E.Br., not *E. breviflora* Dulfer (51)
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC

- brownleeae** Bolus
Perennial. Shrub. Ht 0.9–2 m. EC
- bruniades** L.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- bruniifolia** Salisb. var. **barbigera** (Klotzsch ex Benth.) Dulfer
E. incurva J.C.Wendl. var. *barbigera* Bolus (30)
Perennial. Shrub. Ht? WC
- bruniifolia** Salisb. var. **bruniifolia**
E. incurva J.C.Wendl. var. *incurva* (30)
Perennial. Shrub. Ht up to 1 m. WC
- bruniifolia** Salisb. var. **solandroides** (Andrews) Dulfer
E. incurva J.C.Wendl. var. *solandroides* (Andrews) Bolus (30)
Perennial. Shrub. Ht? WC
- bruniifolia** Salisb. var. **stellata** (Lodd.) Dulfer
E. incurva J.C.Wendl. var. *stellata* Bolus (30)
Perennial. Shrub. Ht? WC
- bruniifolia** Salisb. var. **subglabra** Dulfer
E. incurva J.C.Wendl. var. *subglabra* Bolus (30)
Perennial. Shrub. Ht? WC
- burchelliana** E.G.H.Oliv.
Coilostigma glabrum Benth., not *E. glabra* Gilib. (51)
Perennial. Shrub. Ht up to 0.5 m. EC
- cabernetea** E.G.H.Oliv. (43)
Perennial. Dwarf shrub. Ht up to 0.15 m. WC
- caespitosa** Hilliard & B.L.Burt (25)
Philippia tristis Bolus (27)
Perennial. Dwarf shrub. Ht up to 0.5 m. KZN, L, EC
- caffra** L. var. **auricularis** (Salisb.) Bolus
Perennial. Tree, shrub. Ht? WC
- caffra** L. var. **caffra**
Perennial. Tree, shrub. Ht up to 4 m. KZN, L, WC, EC
- caffrorum** Bolus var. **aristulata** Bolus
Perennial. Shrub. Ht? KZN
- caffrorum** Bolus var. **caffrorum**
Perennial. Shrub. Ht up to 1.2 m. M, FS, KZN, L, EC
- caffrorum** Bolus var. **glomerata** Bolus
Perennial. Shrub. Ht? EC
- caffrorum** Bolus var. **luxurians** Bolus
Perennial. Shrub. Ht? KZN
- calcareophila** E.G.H.Oliv. (8)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- calpicola** (E.G.H.Oliv.) E.G.H.Oliv.
Scyphogyne calpicola E.G.H.Oliv. (51)
Perennial. Shrub. Ht 0.3–1.3 m. WC
- caledonica** A.Spreng.
Perennial. Shrub. Ht up to 0.9 m. WC
- calyciflora* Tausch = **E. axillaris**
- calycina** L. var. **calycina**
Perennial. Shrub, dwarf shrub. Ht 0.1–2 m. WC
- calycina** L. var. **fragrans** (Andrews) Bolus
Perennial. Shrub. Ht? WC
- calycina** L. var. **longibracteata** Esterh. & T.M.Salter
Perennial. Shrub. Ht? WC
- calycina** L. var. **periplociflora** (Salisb.) Bolus
Perennial. Shrub. Ht? WC
- calycina** L. var. **vespertina** (L.f.) Dulfer
Perennial. Shrub. Ht? WC
- calycina* L. var. *viscidiflora* (Esterh.) Dulfer = **E. viscidiflora**
- calyculata* J.C.Wendl. var. *calyculata* = **E. penicilliformis** var. **penicilliformis**
- calyculata* J.C.Wendl. var. *chrysantha* (Klotzsch ex Benth.) Bolus = **E. penicilliformis** var. **chrysantha**
- cameronii** L.Bolus
Perennial. Dwarf shrub. Ht up to 0.25 m. WC
- campanularis** Salisb.
E. campanulata Andrews (4)
Perennial. Shrub. Ht up to 0.6 m. WC
- campanulata* Andrews = **E. campanularis**
- canaliculata** Andrews
Perennial. Shrub. Ht up to 2 m. WC, EC
- canescens** J.C.Wendl. var. **canescens**
E. pusilla Salisb. (4)
Perennial. Dwarf shrub. Ht up to 0.45 m. WC
- canescens** J.C.Wendl. var. **micranthera** (Bolus) Dulfer
Perennial. Dwarf shrub. Ht? WC
- capensis** Salter
E. turbiniflora Salisb. var. *aristata* Bolus (60)
E. turbiniflora Salisb. var. *turbiniflora* (60)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- capillaris** Bartl. var. **capillaris**
Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- capillaris* Bartl. var. *compacta* Bolus = **E. chonantha** var. **chonantha**
- capillaris** Bartl. var. **poliotes** Bolus
Perennial. Dwarf shrub. Ht? WC
- capitata** L.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- capitella* Thunb. ex Rach = **E. labialis**
- caprina** E.G.H.Oliv.
Grisebachia minutiflora N.E.Br. subsp. *minutiflora*, not *E. minutiflora* Andrews (51)
Grisebachia minutiflora N.E.Br. subsp. *nodiflora* (N.E.Br.) E.G.H.Oliv., not *E. nodiflora* Salisb. (51)
Perennial. Dwarf shrublet. Ht up to 0.2 m. WC
- carduifolia** Salisb.
E. draconis L.Bolus (2)
Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- carinata* Klotzsch ex Benth. = **E. atricha**
- casta* Guthrie & Bolus var. *breviflora* Guthrie & Bolus = **E. regia** subsp. **regia**
- casta* Guthrie & Bolus var. *casta* = **E. regia** subsp. **regia**
- caterviflora** Salisb. var. **caterviflora**
Perennial. Shrub. Ht up to 4.5 m. WC
- caterviflora** Salisb. var. **glabrata** Benth.
Perennial. Shrub. Ht? WC
- cavartica** E.G.H.Oliv. & I.M.Oliv. (59)
Perennial. Shrub. Ht up to 0.05 m. WC
- cederbergensis** Compton
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- cedromontana** E.G.H.Oliv. (43)
Perennial. Dwarf shrub. Ht up to 0.1 m. WC
- ceraria** E.G.H.Oliv. & I.M.Oliv. ms
E. foliacea in sense of Guthrie & Bolus, not of Andrews (60)
Perennial. Shrub. Ht up to 1 m. WC
- cereris** (Compton) E.G.H.Oliv.
Acrostemon cereris (Compton) E.G.H.Oliv. (51)
Arachnocalyx cereris Compton (51)

- Perennial. Dwarf shrub. Ht up to 0.4 m. WC
cerinthoides L. var. **barbertona** (Galpin) Bolus
 Perennial. Shrub. Ht up to 0.3 m. M, S, KZN
- cerinthoides** L. var. **cerinthoides**
 Perennial. Shrub. Ht up to 0.5(-2) m. LIM, G, M, S,
 FS, KZN, L, WC, EC
- cernua** Montin
 Perennial. Dwarf shrub. Ht up to 0.8 m. WC
- cerviciflora** Salisb. = hort. hybrid (58)
- cetrata** E.G.H.Oliv.
Eremia peltata Compton, not *E. peltata* Andrews (51)
 Perennial. Shrub. Ht up to 0.5 m. WC
- chamissonis** Klotzsch ex Benth. var. **chamissonis**
 Perennial. Shrub, dwarf shrub. Ht 0.3-1 m. EC
- chamissonis** Klotzsch ex Benth. var. **hirtifolia** Dulfer
 Perennial. Shrub, dwarf shrub. Ht? EC
- chamissonis** Klotzsch ex Benth. var. **polyantha** (Klotzsch
 ex Benth.) Dulfer
 Perennial. Shrub. Ht? EC
- chartacea** Guthrie & Bolus
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- chionodes** E.G.H.Oliv. (56)
 Perennial. Shrub. Ht up to 0.6 m. WC
- chionophila** Guthrie & Bolus
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- chiroptera** E.G.H.Oliv. (32)
 Perennial. Shrub. Ht up to 0.5 m. WC
- chlamydiflora** Salisb. = **E. brevifolia**
- chloroloma** Lindl.
 Perennial. Shrub, dwarf shrub. Ht up to 2 m. WC, EC
- chlorosepala** Benth.
 Perennial. Shrub. Ht up to 0.6 m. WC
- chonantha** Dulfer var. **chonantha**
E. capillaris Bartl. var. *compacta* Bolus (3)
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- chonantha** Dulfer var. **longistyla** Dulfer (3)
 Perennial. Dwarf shrub. Ht? WC
- chrysocodon** Guthrie & Bolus
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- cincta** L. Bolus
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- clavisepala** Guthrie & Bolus
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- coacervata** H.A. Baker (5)
 Perennial. Dwarf shrub. Ht up to 0.2 m. WC
- coarctata** J.C. Wendl. var. **coarctata**
 Perennial. Shrub. Ht 0.3-0.9 m. WC
- coarctata** J.C. Wendl. var. **longipes** (Bartl.) Bolus
 Perennial. Shrub. Ht? WC
- coccinea** L. subsp. **coccinea**
E. coccinea L. var. *coccinea* (58)
E. coccinea L. var. *pubescens* (Bolus) Dulfer (58)
E. petiveri L. (58)
E. petiveri L. var. *pubescens* Bolus (58)
E. sebana Donn, naked name (58)
 Perennial. Shrub. Ht up to 1.2 m. WC
- coccinea** L. subsp. **uniflora** E.G.H.Oliv. & I.M.Oliv.
 Perennial. Shrub. Ht up to 1.2 m. WC
- coccinea** L. var. **coccinea** = **E. coccinea** subsp. **coccinea**
coccinea L. var. **inflata** H.A. Baker = **E. melastoma** subsp.
melastoma
- coccinea** L. var. **intermedia** (Klotzsch ex Benth.) Dulfer
 = **E. intermedia** subsp. **intermedia**
- coccinea** L. var. **melastoma** (Andrews) H.A. Baker = **E.**
melastoma subsp. **melastoma**
- coccinea** L. var. **pubescens** (Bolus) Dulfer = **E. coccinea**
 subsp. **coccinea**
- coccinea** L. var. **willdenovii** (Bolus) H.A. Baker = **E. mela-**
stoma subsp. **melastoma**
- coccinea** P.J. Bergius = **E. abietina** var. **abietina**
- coccinea** P.J. Bergius var. **echiiflora** (Andrews) Benth. =
E. viscaria subsp. **gallorum**
- coccinea** P.J. Bergius var. **echiiflora** in sense of Bolus
 and others, not of (Andrews) Benth. = **E. abietina**
 subsp. **diabolis**
- collina** Guthrie & Bolus
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- colorans** Andrews var. **breviflora** H.A. Baker = **E. plena**
- colorans** Andrews var. **colorans**
 Perennial. Shrub. Ht 0.75-1.82 m. WC
- colorans** Andrews var. **hispidula** H.A. Baker (11)
 Perennial. Shrub. Ht? WC
- columnaris** E.G.H.Oliv. (49)
 Perennial. Shrub. Ht 0.5(-1)m. WC
- comata** Guthrie & Bolus
 Perennial. Dwarf shrub. Ht? WC
- comptonii** Salter = **E. banksii** subsp. **comptonii**
- condensata** Benth. var. **condensata**
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- condensata** Benth. var. **quadrifida** Bolus
 Perennial. Dwarf shrub. Ht? WC
- conferta** Andrews
 Perennial. Dwarf shrub. Ht up to 1 m. WC
- confusa** Guthrie & Bolus = **E. permutata**
- conica** Lodd. = **E. abietina** subsp. **constantiana**
- consobrina** Guthrie & Bolus = natural hybrid (60)
- conspicua** Sol.
E. curviflora L. var. *splendens* (J.C. Wendl.) Dulfer (60)
 Perennial. Shrub. Ht up to 1.5 m. WC
- constantia** Nois. ex Benth.
 Perennial. Shrub. Ht up to 0.5 m. WC
- cooperi** Bolus var. **cooperi**
 Perennial. Dwarf shrub. Ht up to 0.5 m. KZN, EC
- cooperi** Bolus var. **missionis** Bolus
 Perennial. Dwarf shrub. Ht up to 0.5 m. EC
- copiosa** J.C. Wendl. var. **copiosa**
 Perennial. Shrub, dwarf shrub. Ht 0.3-1.2 m. WC
- copiosa** J.C. Wendl. var. **linearisepala** Bolus
 Perennial. Dwarf shrub. Ht? WC
- copiosa** J.C. Wendl. var. **longicauda** Bolus = **E. bicolor**
- copiosa** J.C. Wendl. var. **parvisepala** Bolus = **E. flori-**
fera
- coralliflora** Compton = **E. haematosiphon**
- cordata** Andrews var. **arachnoidea** (Klotzsch) Dulfer

- E. arachnoidea* Klotzsch (4)
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. WC
- cordata** Andrews var. **cordata**
Perennial. Shrub, dwarf shrub. Ht 0.15–1 m. WC
- corifolia** L. var. **bracteata** (Thunb.) Dulfer
Perennial. Dwarf shrub. Ht? WC
- corifolia** L. var. **concolor** Dulfer (3)
Perennial. Dwarf shrub. Ht? WC
- corifolia** L. var. **corifolia**
Perennial. Shrub, dwarf shrub. Ht 0.15–1 m. WC
- corifolia** L. var. **erectiuscula** (J.C.Wendl.) Dulfer
Perennial. Dwarf shrub. Ht? WC
- coronanthera** Compton
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- coruscans** L.Bolus
E. coruscans L.Bolus var. *coruscans* (4)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- coruscans* L.Bolus var. *coruscans* = **E. coruscans**
coruscans L.Bolus var. *minor* L.Bolus = **E. aristata** var. **minor**
- corydalis** Salisb.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- costatisepala** H.A.Baker (13)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- crassisepala** Benth.
Perennial. Dwarf shrub. Ht 0.25–0.5 m. WC
- crateriformis** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- cremea** Dulfer (3)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- cremnophila* Esterh. & T.M.Salter = **E. depressa**
crenata E.Mey. ex Benth. = **E. ferrea**
- cristata** Dulfer
E. pectinata Klotzsch (4)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. WC
- cristiflora** Salisb. var. **blanda** (Salisb.) Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- cristiflora** Salisb. var. **cristiflora**
Perennial. Shrub, dwarf shrub. Ht 0.25–1.2 m. WC
- cristiflora** Salisb. var. **moschata** (Andrews) Dulfer
E. moschata Andrews (30)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- crucistigmatica* Dulfer = **E. gnaphaloides**
- cruenta** Sol. var. **buccinula** Bolus
Perennial. Shrub. Ht? WC
- cruenta** Sol. var. **campanulata** Bolus
Perennial. Shrub. Ht? WC
- cruenta** Sol. var. **cruenta**
Perennial. Shrub. Ht 0.6–1.2 m. WC
- cruenta** Sol. var. **mutica** Bolus
Perennial. Shrub. Ht? WC
- cryptanthera** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.15 m. WC
- cubica** L. var. **coronifera** Bolus
Perennial. Shrub, dwarf shrub. Ht? WC
- cubica** L. var. **cubica**
Perennial. Dwarf shrub. Ht up to 0.5 m. KZN, WC, EC
- cubica** L. var. **natalensis** Bolus
Perennial. Dwarf shrub. Ht? KZN
- cubitans** E.G.H.Oliv. (47)
Perennial. Dwarf shrub. Ht up to 0.15 m. WC
- cumuliflora** Salisb.
E. recurvata Andrews (33)
Perennial. Dwarf shrub. Ht up to 0.6 m. WC
- cunoniensis** E.G.H.Oliv. (29)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- cupuliflora* Dulfer = **E. florifera**
- curtophylla** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- curviflora** L. var. **burchellii** (Benth.) Bolus
Perennial. Shrub. Ht? WC
- curviflora** L. var. **curviflora**
E. viridescens Lodd. var. *latituba* (L.Bolus) Dulfer (60)
Perennial. Shrub. Ht 0.45–2 m. WC
- curviflora** L. var. **diffusa** Bolus
Perennial. Dwarf shrub. Ht? WC
- curviflora* L. var. *splendens* (J.C.Wendl.) Dulfer = **E. conspicua**
- curviflora** L. var. **sulcata** (Benth.) Dulfer
E. sulcata Benth. (4)
Perennial. Shrub. Ht? WC
- curviflora** L. var. **sulphurea** (Andrews) Bolus
Perennial. Shrub. Ht up to 1 m. WC
- curviflora** L. var. **versatilis** Bolus
Perennial. Shrub. Ht? WC
- curvifolia** Salisb. var. **curvifolia**
Perennial. Shrub, dwarf shrub. Ht up to 0.45 m. WC
- curvifolia** Salisb. var. **zeyheri** Bolus
Perennial. Shrub. Ht up to 0.45 m. WC
- curvirostris** Salisb. var. **curvirostris**
Perennial. Shrub, dwarf shrub. Ht 0.1–0.75 m. WC
- curvirostris** Salisb. var. **longisepala** L.Bolus
Perennial. Shrub. Ht? WC
- curvistyla** (N.E.Br.) E.G.H.Oliv.
Eremia curvistyla (N.E.Br.) E.G.H.Oliv. (51)
Eremiopsis curvistyla N.E.Br. (51)
Perennial. Dwarf shrublet. Ht up to 0.1 m. WC
- cuscutiformis** Dulfer (3)
Perennial. Dwarf shrub. Ht up to 0.25 m. WC
- cyathiformis** Salisb. var. **cyathiformis**
Perennial. Shrub, dwarf shrub. Ht 0.3–0.91 m. WC
- cyathiformis** Salisb. var. **orientalis** L.Bolus
Perennial. Shrub. Ht? WC
- cygnea** Salter
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- cylindrica** Thunb.
Perennial. Shrub. Ht up to 1.2 m. WC
- cymosa** E.Mey. ex Benth. subsp. **cymosa**
Perennial. Dwarf shrub. Ht up to 0.01 m. WC
- cymosa** E.Mey. ex Benth. subsp. **grandiflora** E.G.H.Oliv. & I.M.Oliv. (59)
Perennial. Dwarf shrub. Ht up to 0.01 m. WC
- cyrilliflora** Salisb.
Perennial. Shrub. Ht up to 0.6 m. WC

- daphniflora** Salisb. var. **daphniflora**
Perennial. Shrub. Ht 0.3–2 m. WC
- daphniflora** Salisb. var. **latiseipala** Bolus
Perennial. Shrub. Ht? WC
- daphniflora** Salisb. var. **leipoldtii** Bolus
Perennial. Shrub. Ht up to 1 m. WC
- daphniflora** Salisb. var. **muscari** (Andrews) Bolus
Perennial. Shrub. Ht up to 1.2 m. WC
- daphniflora** Salisb. var. **pedicellata** (Klotzsch) Bolus
Perennial. Shrub. Ht? WC
- decipiens* A.Spreng. var. *decipiens* = **E. simulans** var. **simulans**
- decipiens* A.Spreng. var. *tetragona* Bolus = **E. simulans** var. **tetragona**
- decipiens* A.Spreng. var. *trivialis* (Klotzsch) Bolus = **E. simulans** var. **trivialis**
- decora* Andrews = **E. viscaria** subsp. **viscaria**
- deflexa** Sinclair
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- deliciosa* H.L.Wendl. ex Benth. = **E. nutans**
- demissa** Klotzsch ex Benth. var. **crassifolia** Dulfer
Perennial. Dwarf shrub. Ht? WC
- demissa** Klotzsch ex Benth. var. **demissa**
Perennial. Shrub. Ht up to 0.5 m. WC
- densifolia** Willd.
Perennial. Shrub, dwarf shrub. Ht 0.38–1.5 m. WC
- denticulata** L. var. **denticulata**
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- denticulata** L. var. **grandiloba** Bolus
Perennial. Dwarf shrub. Ht? WC
- denticulata** L. var. **longiflora** Bolus
Perennial. Dwarf shrub. Ht? WC
- denticulata** L. var. **retusa** (Tausch) Dulfer
Perennial. Dwarf shrub. Ht? WC
- depressa** L.
E. cremnophila Esterh. & T.M.Salter (2)
Perennial. Dwarf shrub. Ht up to 0.1 m. WC
- desmantha** Benth. var. **desmantha**
Perennial. Shrub, dwarf shrub. Ht up to 1 m. WC
- desmantha** Benth. var. **urceolata** H.A.Baker (7)
Perennial. Dwarf shrub. Ht? WC
- dianthifolia** Salisb.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- diaphana** Spreng.
Perennial. Shrub, dwarf shrub. Ht 0.1–1.8 m. WC
- dichrus** Spreng.
Perennial. Shrub. Ht up to 1.5 m. WC
- dilatata* H.L.Wendl. ex Benth. = hort. hybrid (60)
- diosmifolia** Salisb.
Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- diotiflora** Salisb.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- discolor** Andrews var. **discolor**
Perennial. Shrub. Ht 0.1–1 m. WC
- discolor** Andrews var. **puberula** Benth.
Perennial. Shrub. Ht? WC
- dispar** (N.E.Br.) E.G.H.Oliv.
Simocheilus dispar N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- dissimulans** Hilliard & B.L.Burt (25)
Perennial. Shrub. Ht 0.6–1.5 m. KZN
- distorta** Bartl.
E. aemula Guthrie & Bolus var. *pubescens* Guthrie & Bolus (8)
Perennial. Dwarf shrub. Ht 0.3–0.5 m. WC
- dodii** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- dolfiana** E.G.H.Oliv. & I.M.Oliv. (56)
Perennial. Shrub. Ht up to 0.3 m. WC
- doliiformis** Salisb.
Perennial. Shrub. Ht up to 0.8 m. WC
- dominans** Killick (6)
Perennial. Shrub. Ht up to 1.5 m. KZN, L
- dracomontana** E.G.H.Oliv.
Philippia drakensbergensis E.G.H.Oliv., not *E. drakensbergensis* Guthrie & Bolus (27)
Perennial. Shrub. Ht 1.2–3.6 m. KZN, L, EC
- draconis* L.Bolus = **E. carduifolia**
- drakensbergensis** Guthrie & Bolus
Perennial. Shrub. Ht up to 2 m. G, M, S, FS, KZN
- dregei** E.G.H.Oliv.
Simocheilus oblongus Benth., not *E. oblonga* G.Sinclair (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- dubia* Rach = hort. hybrid (60)
- dulcis* L.Bolus = **E. propendens**
- dumosa* Andrews = **E. longipedunculata** var. **longipedunculata**
- dumosa* Andrews var. *intermedia* Bolus = **E. longipedunculata** var. **intermedia**
- dumosa* Andrews var. *setifera* Bolus = **E. longipedunculata** var. **setifera**
- duthieae** L.Bolus
E. intervallaris Salisb. var. *breviflora* Dulfer (60)
Perennial. Shrub. Ht up to 1 m. WC
- dykei* Bolus = **E. thodei**
- dysantha** Benth.
Perennial. Shrub. Ht up to 1 m. WC
- ebracteata** Bolus
Perennial. Shrub. Ht up to 2.4 m. KZN
- eburnea** Salter
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- ecklonii** E.G.H.Oliv.
Sympieza eckloniana Klotzsch (51)
Perennial. Shrub. Ht up to 1 m. WC
- eglandulosa** (Klotzsch) E.G.H.Oliv.
Omphalocaryon (e)glandulosum Klotzsch (51)
Scyphogyne eglandulosa (Klotzsch) Benth. (51)
Scyphogyne fasciculata Benth. (51)
Perennial. Shrub. Ht up to 0.5 m. WC
- elegans* Andrews = **E. glauca** var. **elegans**
- elimensis** L.Bolus var. **elimensis**
Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- elimensis** L.Bolus var. **parvibracteata** L.Bolus
Perennial. Dwarf shrub. Ht? WC
- ellipticiflora* Dulfer = **E. regerminans**
- elsieana** (E.G.H.Oliv.) E.G.H.Oliv.
Philippia elsieana E.G.H.Oliv. (27)

- Perennial. Shrub. Ht? WC
- embothriifolia** Salisb. var. **embothriifolia**
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- embothriifolia** Salisb. var. **longiflora** Bolus
Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- embothriifolia** Salisb. var. **subaequalis** Bolus
Perennial. Dwarf shrub. Ht? WC
- empetrifolia** L. = **E. empetrina**
- empetrina** L.
E. empetrifolia L. (4)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- equisetifolia** Salisb.
Blaeria campanulata Benth. (31)
Blaeria dumosa J.C.Wendl. var. *breviflora* N.E.Br. (31)
Blaeria dumosa J.C.Wendl. var. *dumosa* (31)
Blaeria equisetifolia (Salisb.) G.Don (31)
Blaeria flava Bolus (31)
Blaeria oppositifolia L.Guthrie (31)
Blaeria purpurea L.f., not *E. purpurea* P.J.Bergius (31)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- erasmia** Dulfer (3)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- eremioides** (MacOwan) E.G.H.Oliv. subsp. **eglandula**
(N.E.Br.) E.G.H.Oliv.
Grisebachia eremioides MacOwan var. *eglandula* N.E.Br. (51)
Grisebachia parviflora (Klotzsch) Druce subsp. *eglandula*
(N.E.Br.) E.G.H.Oliv. (51)
Perennial. Dwarf shrub. Ht up to 0.2 m. WC
- eremioides** (MacOwan) E.G.H.Oliv. subsp. **eremioides**
Grisebachia eremioides MacOwan (51)
Grisebachia eremioides MacOwan var. *pubicalyx* N.E.Br. (51)
Grisebachia parviflora (Klotzsch) Druce subsp. *parviflora*, not *E. parviflora* L. (51)
Grisebachia similis N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- eremioides** (MacOwan) E.G.H.Oliv. subsp. **pubescens**
(E.G.H.Oliv.) E.G.H.Oliv.
Grisebachia parviflora (Klotzsch) Druce subsp. *pubescens*
E.G.H.Oliv. (51)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- ericoides** (L.) E.G.H.Oliv.
Blaeria affinis N.E.Br. (31)
Blaeria ericoides L. (31)
Perennial. Shrub. Ht up to 0.5 m. WC
- erina** (Klotzsch ex Benth.) E.G.H.Oliv.
Syndesmanthus erinus (Klotzsch ex Benth.) N.E.Br. var. *erinus* (51)
Syndesmanthus erinus (Klotzsch ex Benth.) N.E.Br. var. *validus*
N.E.Br. (51)
Perennial. Dwarf shrub. Ht 0.3 m. WC
- eriocephala** Lam.
Acrostemon barkerae Compton (51)
Acrostemon equisetoides Klotzsch (51)
Acrostemon glandulosus Rach (51)
Acrostemon hirsutus (Thunb.) Klotzsch (51)
Acrostemon incanus Klotzsch (51)
Acrostemon incurvus (Klotzsch) Benth. (51)
Acrostemon stokoei L.Guthrie (51)
Acrostemon thunbergii (G.Don) Alm & T.C.E.Fr. (51)
Perennial. Shrub. Ht up to 1 m. WC
- eriododon** Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- eriphoros** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.2 m. WC
- esterhuyseniae** Compton
E. esterhuyseniae Compton var. *esterhuyseniae* (56)
E. esterhuyseniae Compton var. *tetramera* Compton (56)
- Perennial. Dwarf shrublet. Ht up to 0.3 m. WC, EC
esterhuyseniae Compton var. *tetramera* Compton = **E. esterhuyseniae**
- esterhuyseniae* Compton var. *trimeria* Compton = **E. oreo-tragus**
- esteriana** E.G.H.Oliv. subsp. **esteriana**
Philippia esterhuyseniae E.G.H.Oliv. subsp. *esterhuyseniae*, not *E. esterhuyseniae* Compton (27)
Perennial. Shrub. Ht up to 1 m. WC
- esteriana** E.G.H.Oliv. subsp. **swartbergensis** (E.G.H.Oliv.) E.G.H.Oliv.
Philippia esterhuyseniae E.G.H.Oliv. subsp. *swartbergensis* E.G.H.Oliv. (27)
Perennial. Shrub. Ht up to 1.21 m. WC
- etheliae** L.Bolus
Perennial. Dwarf shrub. Ht up to 0.2 m. EC
- eugenea** Dulfer
E. haroldiana Skan (2)
E. nobilis Guthrie & Bolus, not *E. nobilis* hort. (4)
Perennial. Shrub. Ht up to 0.7 m. WC
- eustacei** L.Bolus
Perennial. Shrub. Ht up to 1.5 m. WC
- evansii** (N.E.Br.) E.G.H.Oliv.
Philippia evansii N.E.Br. (27)
Perennial. Shrub. Ht up to 2.4 m. KZN
- excavata** L.Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- exlecaana** E.G.H.Oliv.
Philippia lecaana Klotzsch (27)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. WC
- exsurgens* Andrews = **E. abietina** subsp. **aurantiaca**
- extrusa** Compton
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- fairii** Bolus
Perennial. Shrub. Ht up to 0.6 m. WC
- fascicularis** L.f. var. **fascicularis**
Perennial. Shrub. Ht up to 1.8 m. WC
- fascicularis** L.f. var. **imperialis** (Andrews) Bolus
Perennial. Shrub. Ht up to 0.5 m. WC
- fastigiata** L. var. **coventryana** Bolus
Perennial. Shrub. Ht up to 1.2 m. WC
- fastigiata** L. var. **fastigiata**
Perennial. Shrub. Ht up to 0.5 m. WC
- fastigiata** L. var. **immaculata** Bolus
Perennial. Shrub. Ht? WC
- fastigiata** L. var. **longituba** L.Bolus
Perennial. Shrub. Ht? WC
- fausta** Salisb.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- feminarum** E.G.H.Oliv. (46)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- ferrea** P.J.Bergius
E. crenata E.Mey. ex Benth. (60)
E. mucosa L. (4)
Perennial. Shrub. Ht up to 1.5 m. WC
- fervida** L.Bolus
Perennial. Shrub. Ht up to 1 m. WC
- filamentosa** Andrews
Perennial. Shrub. Ht up to 1.5 m. WC

- filamentosa* Andrews var. *longiflora* Bolus = **E. nematophylla**
- filialis** E.G.H.Oliv. (53)
Perennial. Dwarf shrublet. Ht up to 0.25 m. WC
- filiformis** Salisb. var. **filiformis**
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- filiformis** Salisb. var. **longibracteata** Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- filiformis* Salisb. var. *maritima* Bolus = **E. radicans** subsp. **schlechteri**
- filipendula** Benth. subsp. **filipendula**
E. filipendula Benth. var. *filipendula* (58)
Perennial. Shrub. Ht up to 0.5 m. WC
- filipendula** Benth. subsp. **parva**
E. filipendula Benth. var. *minor* Bolus in part (58)
Perennial. Shrub. Ht up to 0.5 m. WC
- filipendula* Benth. var. *filipendula* = **E. filipendula** subsp. **filipendula**
- filipendula* Benth. var. *major* Bolus = **E. penduliflora**
- filipendula* Benth. var. *minor* Bolus in part = **E. filipendula** subsp. **parva**
- filipendula* Benth. var. *minor* Bolus in part = **E. globulifera**
- fimbriata** Andrews
E. physantha Benth. var. *aristulata* Bolus (2)
Perennial. Shrub. Ht up to 0.7 m. WC
- flacca** E.Mey. ex Benth.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- flanaganii** Bolus
Perennial. Shrub. Ht up to 0.9 m. KZN, L
- flavicoma** Bartl.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- ×**flavisepala** Guthrie & Bolus
E. thunbergii × *E. sphaerocephala* (20)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- flexistyla** E.G.H.Oliv. (37)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- floccifera** Zahlbr.
E. floccosa Bartl. (4)
Perennial. Shrub. Ht up to 0.7 m. WC
- flocciflora** Benth.
Perennial. Shrub. Ht up to 1 m. WC
- floccosa* Bartl. = **E. floccifera**
- floribunda** Lodd. = **E. sparsa** var. **sparsa**
- florifera** (Compton) E.G.H.Oliv.
Eremia florifera Compton (51)
E. copiosa J.C.Wendl. var. *parvisepala* Bolus (51)
E. cupuliflora Dulfer (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- foliacea** Andrews subsp. **foliacea**
E. foliacea Andrews var. *foliacea* in part (60)
Perennial. Shrub, dwarf shrub. Ht up to 600 mm. WC
- foliacea** Andrews subsp. **fulgens** (Klotzsch) E.G.H.Oliv. & I.M.Oliv. ms
E. foliacea Andrews var. *fulgens* (Klotzsch) Bolus (60)
Perennial. Shrub. Ht? WC
- foliacea* Andrews var. *foliacea* in part = **E. foliacea** subsp. **foliacea**
- foliacea* Andrews var. *fulgens* (Klotzsch) Bolus = **E. foliacea** subsp. **fulgens**
- foliacea* Andrews var. *galpinii* (Salter) Dulfer = **E. galpinii**
- foliacea* in sense of Guthrie & Bolus = **E. ceraria**
- follicularis* Salisb. = **E. melastoma** subsp. **melastoma**
- fontana** L.Bolus
Perennial. Shrub. Ht up to 1.8 m. WC
- formosa** Thunb.
Perennial. Shrub. Ht up to 0.6 m. WC
- forsteri** Dulfer (doubtful species?) (60)
Perennial. Shrub. Ht? WC
- fourcadei** L.Bolus
Perennial. Shrub. Ht up to 0.5 m. WC
- frigida** Bolus
Perennial. Shrub. Ht up to 1 m. FS, KZN, L, EC
- fucata* Klotzsch ex Benth. = **E. rubiginosa** var. **rubiginosa**
- fucata* Klotzsch ex Benth. var. *caespitosa* Bolus = **E. rubiginosa** var. **caespitosa**
- fuscescens** (Klotzsch) E.G.H.Oliv.
Blaeria fuscescens Klotzsch (31)
Perennial. Shrub. Ht up to 1 m. WC, EC
- galgebergensis** H.A.Baker (10)
Perennial. Dwarf shrub. Ht up to 0.15 m. WC
- gallorum** L.Bolus = **E. viscaria** subsp. **gallorum**
- galpinii** Salter
E. foliacea Andrews var. *galpinii* (Salter) Dulfer (60)
Perennial. Shrub. Ht up to 1.2 m. WC
- garciae** E.G.H.Oliv. (47)
Perennial. Dwarf shrublet. Ht up to 0.3 m. WC
- genistifolia** Salisb.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- georgica** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- gibbosa* Klotzsch ex Benth. = **E. scabriuscula**
- gigantea** Klotzsch ex Benth.
Perennial. Shrub. Ht up to 2 m. WC
- gillii** Benth.
Perennial. Shrub. Ht up to 1 m. WC
- gilva* J.C.Wendl. = **E. mammosa**
- glabella** Thunb. subsp. **glabella**
Blaeria purpurea P.J.Bergius, not *E. purpurea* Thunb. (51)
Simocheilus depressus (Licht. ex Roem. & Schult.) Benth. var. *depressus* (51)
Simocheilus depressus (Licht. ex Roem. & Schult.) Benth. var. *patens* N.E.Br. (51)
Simocheilus glabellus (Thunb.) Benth. (51)
Perennial. Shrub. Ht up to 0.5 m. WC
- glabella** Thunb. subsp. **laevis** E.G.H.Oliv.
Simocheilus acutangulus N.E.Br. (51)
Simocheilus globiferus N.E.Br. (51)
Simocheilus hirsutus Benth. (51)
Simocheilus hirtus (Klotzsch) E.G.H.Oliv. (51)
Simocheilus patulus N.E.Br. (51)
Simocheilus submuticus Benth. (51)
Simocheilus subrigidus N.E.Br. (51)
Perennial. Shrub. Ht up to 0.5 m. WC
- glabra* Thunb. = **E. inaequalis**
- glabripes** L.Bolus (possible natural hybrid) (60)
Perennial. Dwarf shrub. Ht? WC

- glandulifera** Klotzsch
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- glandulipila** Compton
E. umbonata Compton (60)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- glandulosa** Thunb. var. **bondiae** (Compton) Dulfer
E. bondiae Compton (4)
Perennial. Shrub. Ht 0.4–1.2 m. WC
- glandulosa** Thunb. var. **breviflora** Bolus
Perennial. Shrub. Ht? WC
- glandulosa** Thunb. var. **glandulosa**
Perennial. Shrub. Ht up to 1.5 m. WC
- glaphyra** Killick (6)
Perennial. Shrub. Ht up to 1.2 m. KZN
- glauc**a Andrews var. **elegans** (Andrews) Bolus
E. elegans Andrews (1)
Perennial. Shrub, dwarf shrub. Ht up to 1 m. WC
- glauc**a Andrews var. **glauc**a
Perennial. Shrub. Ht up to 2 m. WC
- globiceps** (N.E.Br.) E.G.H.Oliv. subsp. **consors** (N.E.Br.)
E.G.H.Oliv.
Simocheilus consors N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- globiceps** (N.E.Br.) E.G.H.Oliv. subsp. **globiceps**
Syndesmanthus elimensis N.E.Br. var. *elimensis* (51)
Syndesmanthus globiceps N.E.Br. (51)
Syndesmanthus sympeizoides N.E.Br. (51)
Syndesmanthus zeyheri Bolus (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- globiceps** (N.E.Br.) E.G.H.Oliv. subsp. **gracilis** (N.E.Br.)
E.G.H.Oliv.
Syndesmanthus gracilis (Benth.) N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- globosa** Andrews, not of Willd. = **E. hirta**
- globosa** Andrews var. **subterminalis** (Klotzsch) Bolus =
E. hirta
- globulifera** Dulfer
E. filipendula Benth. var. *minor* Bolus in part (58)
Perennial. Shrub. Ht up to 0.91 m. WC
- glomiflora** Salisb. var. **canthariformis** (Lodd.) Bolus
Perennial. Shrub. Ht? WC
- glomiflora** Salisb. var. **glomiflora**
Perennial. Shrub. Ht up to 1 m. WC
- glumiflora** Klotzsch ex Benth.
Perennial. Shrub. Ht up to 0.6 m. WC
- glutinosa** P.J.Bergius var. **glutinosa**
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- glutinosa** P.J.Bergius var. **parviflora** Benth.
Perennial. Dwarf shrub. Ht? WC
- gnaphaloides** L.
E. crucistigmatica Dulfer (60)
Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- goatcheriana** L.Bolus var. **drakensteinensis** L.Bolus
Perennial. Shrub. Ht up to 0.9 m. WC
- goatcheriana** L.Bolus var. **goatcheriana**
Perennial. Shrub. Ht up to 1.5 m. WC
- goatcheriana** L.Bolus var. **petrensis** L.Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- gossypioides** E.G.H.Oliv. (8)
Perennial. Dwarf shrub. Ht up to 0.45 m. WC
- gracilipes** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- gracilis** J.C.Wendl.
Perennial. Shrub. Ht up to 0.5 m. WC
- grandiflora** L.f. var. **exurgens** (Andrews) E.G.H.Oliv. =
E. abietina subsp. **aurantiaca**
- grandiflora** L.f. var. **grandiflora** = **E. abietina** subsp.
aurantiaca
- granulatifolia** H.A.Baker (14)
Perennial. Dwarf shrub. Ht up to 0.6 m. WC
- granulosa** H.A.Baker (10)
Perennial. Shrub. Ht up to 0.45 m. WC
- grata** Guthrie & Bolus
Perennial. Shrub. Ht up to 0.4 m. WC
- greyi** Guthrie & Bolus
E. auriculata Guthrie & Bolus (33)
Perennial. Dwarf shrub. Ht up to 0.1 m. WC
- grisbrookii** Guthrie & Bolus
Perennial. Shrub, dwarf shrub. Ht up to 0.8 m. WC
- guthriei** Bolus var. **guthriei**
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- guthriei** Bolus var. **strictior** Bolus
Perennial. Shrub. Ht up to 0.3 m. WC
- gysbertii** Guthrie & Bolus var. **ampliata** L.Bolus
Perennial. Shrub. Ht? WC
- gysbertii** Guthrie & Bolus var. **gysbertii**
Perennial. Shrub. Ht up to 1 m. WC
- gysbertii** Guthrie & Bolus var. **longiflora** L.Bolus
Perennial. Shrub. Ht? WC
- haemantha** Bolus = **E. lateralis**
- haemastoma** J.C.Wendl.
Perennial. Shrub. Ht up to 1 m. WC
- haematocodon** Salter
Perennial. Dwarf shrub. Ht up to 0.2 m. WC
- haematosiphon** Guthrie & Bolus
E. coralliflora Compton (2)
E. macropus Guthrie & Bolus (2)
Perennial. Dwarf shrub. Ht up to 1.2 m. WC
- halicacaba** L.
Perennial. Shrub. Ht up to 1 m. WC
- hameriana** L.Bolus
Perennial. Shrub. Ht up to 0.6 m. WC
- hanekomii** E.G.H.Oliv. (48)
Perennial. Dwarf shrub. Ht up to 0.1 m. WC
- hansfordii** E.G.H.Oliv. (46)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- haroldiana** Skan = **E. eugenea**
- harveyana** Guthrie & Bolus
E. jeppeii L.Bolus (60)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- hebdomadalis** E.G.H.Oliv. & I.M.Oliv. (44)
Perennial. Dwarf shrub. Ht up to 0.25 m. WC
- hebecalyx** Benth.
Perennial. Shrub. Ht up to 1 m. WC
- heleogena** Salter
Perennial. Dwarf shrub. Ht up to 0.6 m. WC
- heleophila** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC

- hendricksei** H.A.Baker var. **alba** H.A.Baker (7)
Perennial. Dwarf shrub. Ht up to 0.45 m. WC
- hendricksei** H.A.Baker var. **hendricksei** (7)
Perennial. Dwarf shrub. Ht up to 0.45 m. WC
- hermani** E.G.H.Oliv. (32)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- hesseana** Klotzsch = **E. abietina** subsp. **atrorosea**
- heterophylla** Guthrie & Bolus (60—mixed collection)
Perennial. Shrub. Ht? WC
- hexensis** E.G.H.Oliv. (35)
Perennial. Shrub. Ht up to 1 m. WC
- hibbertii** Andrews, as '*hibbertia*' (58)
Perennial. Dwarf shrub. Ht up to 0.6 m. WC
- hillburtii** (E.G.H.Oliv.) E.G.H.Oliv.
Ericinella hillburtii E.G.H.Oliv. (34)
Perennial. Shrub. Ht up to 1.5 m. WC
- hippurus** Compton
Perennial. Shrub. Ht up to 0.9 m. WC
- hirsuta** Klotzsch ex Benth. = **E. aneimensa**
- hirta** Thunb.
E. globosa Andrews, not of Willd. (60)
E. globosa Andrews var. *subterminalis* (Klotzsch) Bolus (60)
E. sphaeroidea Dulfer var. *sphaeroidea* (60)
E. sphaeroidea Dulfer var. *subterminalis* (Klotzsch) Dulfer (60)
Perennial. Shrub. Ht up to 1 m. WC
- hirtiflora** Curtis var. **hirtiflora**
Perennial. Shrub, dwarf shrub. Ht up to 1 m. WC
- hirtiflora** Curtis var. **minor** (Andrews) Benth.
Perennial. Dwarf shrub. Ht? WC
- hispidula** L. var. **hispidula**
E. blancheana L. Bolus (60)
E. inops Bolus (60)
Perennial. Shrub. Ht up to 1(–1.8) m. WC
- hispidula** L. var. **micrantha** Benth.
Perennial. Shrub. Ht? WC
- hispidula** L. var. **serpyllifolia** (Andrews) Benth.
Perennial. Shrub. Ht? WC
- hispidula** L. var. **viscidula** (L. Bolus) Dulfer
E. viscidula L. Bolus (30)
Perennial. Shrub. Ht up to 1 m. WC
- hispiduloides** E.G.H.Oliv. (35)
Perennial. Shrub. Ht up to 1.2 m. WC
- holosericea** Salisb. var. **holosericea**
Perennial. Dwarf shrub, shrub. Ht up to 0.6 m. WC
- holosericea** Salisb. var. **parviflora** Bolus
Perennial. Shrub, dwarf shrub. Ht up to 0.8 m. WC
- holtii** Schweick.
Perennial. Dwarf shrub. Ht up to 0.2 m. M, KZN
- hottentotica** E.G.H.Oliv. (35)
Perennial. Shrub. Ht 0.5–1 m. WC
- humansdorpensis** Compton
Perennial. Dwarf shrub. Ht up to 0.3 m. EC
- humidicola** E.G.H.Oliv. (50)
Perennial. Shrub. Ht up to 1 m. WC
- humifusa** Hibbert ex Salisb.
Perennial. Shrub, dwarf shrub. Ht up to 0.1 m. WC, EC
- ignita** E.G.H.Oliv. (52)
Perennial. Shrub. Ht 0.5(–1) m. WC
- imbricata** L.
Perennial. Shrub, dwarf shrub. Ht 0.2–1.21 m. WC
- inaequalis** (Klotzsch) E.G.H.Oliv.
E. glabra Thunb., not *E. glabra* Gilib. (51)
Pachycalyx inaequalis Klotzsch (51)
Simocheilus albirameus N.E.Br. (51)
Simocheilus bicolor (Klotzsch) Benth. (51)
Simocheilus ecklonianus Benth., illegitimate name (51)
Simocheilus glaber (Thunb.) Benth. (51)
Simocheilus hispidus (Klotzsch) Benth. (51)
Simocheilus klotzschianus Benth. var. *glabrifolia* N.E.Br. (51)
Simocheilus klotzschianus Benth. var. *klotzschianus* (51)
Simocheilus puberulus (Klotzsch) E.G.H.Oliv. (51)
Perennial. Dwarf shrub. Ht up to 400 mm. NC, WC
- inamoena** Dulfer
E. blesbergensis H.A.Baker (60)
Perennial. Shrub. Ht up to 0.8 m. WC
- incarnata** Thunb.
Perennial. Shrub. Ht up to 0.6 m. WC
- inclusa** H.L.Wendl. ex Benth.
Perennial. Shrub. Ht up to 1.2 m. WC
- inconstans** Zahlbr.
Perennial. Shrub. Ht up to 2 m. WC
- incurva** J.C.Wendl. var. **barbigera** Bolus = **E. bruniifolia** var. **barbigera**
- incurva** J.C.Wendl. var. **incurva** = **E. bruniifolia** var. **bruniifolia**
- incurva** J.C.Wendl. var. **solandroides** (Andrews) Bolus = **E. bruniifolia** var. **solandroides**
- incurva** J.C.Wendl. var. **stellata** Bolus = **E. bruniifolia** var. **stellata**
- incurva** J.C.Wendl. var. **subglabra** Bolus = **E. bruniifolia** var. **subglabra**
- inflata** Thunb.
Perennial. Shrub. Ht up to 1 m. WC
- inflaticalyx** E.G.H.Oliv. (51)
Perennial. Shrub. Ht up to 0.6 m. WC
- infundibuliformis** Andrews
E. pavettiflora Salisb. (4)
Perennial. Shrub. Ht up to 1 m. WC
- ingeana** E.G.H.Oliv. (30)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- innovans** E.G.H.Oliv.
Syndesmanthus pumilus N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- inops** Bolus = **E. hispidula** var. **hispidula**
- inordinata** H.A.Baker (11)
Perennial. Shrub. Ht up to 1.2 m. WC
- insignis** E.G.H.Oliv. (21)
Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- insolitanthera** H.A.Baker (14)
Perennial. Shrub. Ht up to 1 m. WC
- intermedia** Klotzsch ex Benth. subsp. **albiflora** E.G.H.Oliv. & I.M.Oliv. (58)
Perennial. Shrub. Ht up to 1 m. WC
- intermedia** Klotzsch ex Benth. subsp. **intermedia**
E. coccinea L. var. *intermedia* (Klotzsch ex Benth.) Dulfer (58)
E. petiveri L. var. *intermedia* (Klotzsch ex Benth.) Bolus (58)
Perennial. Shrub. Ht up to 1 m. WC
- interrupta** (N.E.Br.) E.G.H.Oliv.
Thoracosperma interruptum N.E.Br. (51)

- Perennial. Dwarf shrub. Ht up to 0.2 m. WC
intervallaris Salisb. var. *breviflora* Dulfer = **E. duthieae**
- intervallaris** Salisb. var. **grandiflora** Bolus
 Perennial. Dwarf shrub. Ht? WC
- intervallaris** Salisb. var. **intervallaris**
 Perennial. Dwarf shrub. Ht 0.3–0.6 m. WC
- intervallaris** Salisb. var. **trifolia** H.A.Baker (18)
 Perennial. Dwarf shrub. Ht? WC
- intonsa** L.Bolus
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- intricata** H.A.Baker (10)
 Perennial. Dwarf shrub. Ht up to 0.1 m. WC
- involutrata** Klotzsch ex Benth.
 Perennial. Dwarf shrub. Ht up to 0.15 m. WC
- involvens** Benth.
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- ioniana** E.G.H.Oliv. (32)
 Perennial. Dwarf shrub. Ht up to 0.15 m. WC
- ionii* H.A.Baker = **E. umbelliflora**
- irbyana** Andrews
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- irregularis** Benth.
 Perennial. Shrub. Ht up to 1.5 m. WC
- irrorata** Guthrie & Bolus
 Perennial. Dwarf shrub. Ht up to 0.45 m. WC
- ixanthera** Benth.
 Perennial. Dwarf shrub. Ht up to 0.15 m. WC
- jacksoniana** H.A.Baker (11)
 Perennial. Shrub. Ht up to 1.5 m. WC
- jasminiflora** Salisb.
 Perennial. Dwarf shrub. Ht up to 0.6 m. WC
- jeppei* L.Bolus = **E. harveyana**
- jonasiana** E.G.H.Oliv. (51)
 Perennial. Dwarf shrub. Ht up to 0.1 m. WC
- jugicola** E.G.H.Oliv. & I.M.Oliv. (57)
 Perennial. dwarf shrub. Ht up to 0.1 m. WC
- juniperina** E.G.H.Oliv. (37)
 Perennial. Shrub. Ht up to 0.5 m. WC
- junonia** Bolus var. **junonia**
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- junonia** Bolus var. **minor** Bolus
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- kammanassieae** E.G.H.Oliv. (51)
 Perennial. Shrub. Ht up to 0.8 m. WC
- karooica** E.G.H.Oliv. (36)
 Perennial. Shrub. Ht up to 1.25 m. WC
- karwyderi** E.G.H.Oliv. (51)
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- keeromsbergensis** H.A.Baker (13)
 Perennial. Dwarf shrub. Ht? WC
- keetii** L.Bolus
 Perennial. Shrub. Ht up to 0.6 m. WC
- kirstenii** E.G.H.Oliv. (52)
 Perennial. Dwarf shrublet. Ht up to 0.25 m. WC
- klotzschii** (Alm & T.C.E.Fr.) E.G.H.Oliv.
Blaeria klotzschii Alm & T.C.E.Fr. (31)
- Blaeria pusilla* Klotzsch, not of L. (31)
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- kogelbergensis** E.G.H.Oliv.
E. serratifolia Andrews var. *subnuda* L.Bolus (40)
 Perennial. Shrub. Ht up to 1.5 m. WC
- kougabergensis** H.A.Baker var. **kougabergensis** (10)
 Perennial. Shrub. Ht up to 0.3 m. EC
- kougabergensis** H.A.Baker var. **recurvifolia** H.A.Baker (14)
 Perennial. Shrub. Ht up to 0.5 m. WC, EC
- kraussiana** Klotzsch
 Perennial. Shrub. Ht? WC
- krigeae* Compton = **E. petraea**
- krugeri** E.G.H.Oliv. (16)
 Perennial. Dwarf shrub. Ht up to 0.1 m. WC
- labialis** Salisb.
Blaeria bracteata J.C.Wendl. (51)
E. capitella Thunb. ex Rach (51)
Sympieza articulata in sense of N.E.Br., not *E. articulata* (L.) Thunb. (51)
Sympieza articulata in sense of N.E.Br. var. *hians* N.E.Br. (51)
Sympieza brachyphylla Benth. (51)
Sympieza breviflora N.E.Br. (51)
Sympieza capitellata Licht. ex Roem. & Schult. (51)
Sympieza capitellata Licht. ex Roem. & Schult. var. *angustata* N.E.Br. (51)
Sympieza capitellata Licht. ex Roem. & Schult. var. *crassistigma* N.E.Br. (51)
Sympieza labialis (Salisb.) Druce (51)
Sympieza pallescens N.E.Br. (51)
Sympieza tenuiflora Benth. (51)
Sympieza vestita N.E.Br. (51)
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- lachnaefolia** Salisb.
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- lachnaeoides* G.Don = hort. hybrid (60)
- laeta** Bartl.
 Perennial. Shrub. Ht up to 0.4 m. WC
- laevigata** Bartl. var. **elongata** Bolus
 Perennial. Dwarf shrub. Ht? WC
- laevigata** Bartl. var. **laevigata**
 Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- lageniformis** Salisb.
 Perennial. Dwarf shrub. Ht up to 0.7 m. WC
- lananthera** L.Bolus
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- lanata** Andrews
 Perennial. Shrub. Ht up to 1 m. WC
- langebergensis** H.A.Baker (18)
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- lanipes** Guthrie & Bolus
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- lanuginosa** Andrews
 Perennial. Shrub. Ht up to 0.6 m. WC
- lasciva** Salisb.
E. accommodata Klotzsch ex Benth. var. *ebracteata* Bolus (27)
Philippia stokoei L.Guthrie (27)
 Perennial. Dwarf shrub. Ht up to 0.9 m. WC
- lasiocarpa** Guthrie & Bolus
 Perennial. Dwarf shrub. Ht up to 0.2 m. KZN
- lateralis** Willd.
E. haemantha Bolus (2)

- E. montana* L.Bolus (2)
E. oreina Dulfer (60)
 Perennial. Shrub, dwarf shrub. Ht up to 0.5 m. WC
- lateriflora** E.G.H.Oliv.
Grisebachia secundiflora E.G.H.Oliv. (51)
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- latiflora** L.Bolus
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- latifolia** Andrews
 Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- latituba** L.Bolus
 Perennial. Shrub. Ht up to 1.5 m. WC
- lavandulifolia** Salisb.
 Perennial. Shrub. Ht up to 1.5(–2) m. WC
- lawsonia** Andrews
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- lehmannii** Klotzsch ex Benth.
 Perennial. Shrub. Ht up to 1 m. WC
- lepidota** Rach
 Perennial. Dwarf shrub, shrub. Ht up to 0.7 m. NC, WC
- leptantha** Dulfer (3)
 Perennial. Dwarf shrub. Ht up to 0.2 m. WC
- leptoclada** Van Heurck & Müll.Arg. var. **aristata** Bolus
 Perennial. Dwarf shrub. Ht? WC
- leptoclada** Van Heurck & Müll.Arg. var. **leptoclada**
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- leptopus** Benth. var. **breviloba** Bolus
 Perennial. Dwarf shrub. Ht? WC
- leptopus** Benth. var. **leptopus**
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- leptopus** Benth. var. **piquetbergensis** Bolus
 Perennial. Dwarf shrub. Ht? WC
- leptostachya* Guthrie & Bolus = **E. scoparia** (European species)
- leptostachya* Guthrie & Bolus var. *glabra* Dulfer = **E. natalitia** var. **natalitia**
- lerouxiae** Bolus
 Perennial. Shrub. Ht up to 1.8 m. WC
- leucantha** Link
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- leucanthera** L.f.
 Perennial. Shrub. Ht up to 0.6 m. WC
- leucodesmia** Benth.
 Perennial. Shrub. Ht up to 1 m. WC
- leucopelta** Tausch var. **ephebioides** Bolus
 Perennial. Shrub, dwarf shrub. Ht 0.3–1.75 m. M
- leucopelta** Tausch var. **leucopelta**
 Perennial. Shrub. Ht up to 1.5 m. LIM, M, S, KZN, L, EC
 Note: the taxonomy of this species is very confusing and involves *E. maesta* and *E. natalitia*.
- leucopelta** Tausch var. **luxurians** I.Verd.
 Perennial. Shrub. Ht up to 2.5 m. M, S
- leucopelta** Tausch var. **pubescens** Bolus
 Perennial. Shrub. Ht up to 0.9 m. KZN, EC
- leucosiphon** L.Bolus
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- leucotrachela** H.A.Baker
 Perennial. Shrub. Ht up to 1.5 m. WC
- lignosa** H.A.Baker (10)
 Perennial. Dwarf shrub. Ht up to 0.2 m. WC
- limosa** L.Bolus
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- limnophila** E.G.H.Oliv. (55)
 Perennial. Dwarf shrublet. Ht up to 0.15 m. WC
- lineata* Benth. = **E. plukenetii** subsp. **lineata**
- lithophila** E.G.H.Oliv. & I.M.Oliv. (59)
 Perennial. Shrub. Ht up to 0.02 m. WC
- loganii** Compton
 Perennial. Shrub. Ht up to 0.9 m. WC
- longiaristata** Benth.
 Perennial. Shrub. Ht up to 0.75 m. WC
- longifolia* Bauer var. *amplicata* Bolus = **E. vestita**
- longifolia* Bauer var. *breviflora* Dulfer = **E. viscaria** subsp. **pustulata**
- longifolia* Bauer var. *contracta* Bolus = **E. viscaria** subsp. **longifolia**
- longifolia* Bauer var. *longifolia* = **E. viscaria** subsp. **longifolia**
- longifolia* Bauer var. *maritima* Bolus = **E. vestita**
- longifolia* Bauer var. *squarrosa* Bolus = **E. viscaria** subsp. **longifolia**
- longifolia* Bauer var. *stricta* Dulfer = **E. viscaria** subsp. **longifolia**
- longifolia* Bauer var. *viridis* (Andrews) Bolus = **E. viscaria** subsp. **macrosepala**
- longimontana** E.G.H.Oliv.
Blaeria coccinea Klotzsch, not *E. coccinea* L. (31)
Blaeria fastigiata Benth., not *E. fastigiata* L. (31)
 Perennial. Shrub. Ht up to 0.6 m. WC
- longipedunculata** Lodd. var. **intermedia** (Bolus) Dulfer
E. dumosa Andrews var. *intermedia* Bolus (4)
 Perennial. Dwarf shrub. Ht? WC
- longipedunculata** Lodd. var. **longipedunculata**
E. dumosa Andrews (4)
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- longipedunculata** Lodd. var. **setifera** (Bolus) Dulfer
E. dumosa Andrews var. *setifera* Bolus (4)
 Perennial. Dwarf shrub. Ht? WC
- longipes* Klotzsch ex Benth. = **E. newdigateae**
- longisepala* Guthrie & Bolus = **E. parilis** var. **parilis**
- longistyla** L.Bolus var. **appressa** Dulfer (3)
 Perennial. Dwarf shrub. Ht? WC
- longistyla** L.Bolus var. **longistyla**
 Perennial. Shrub. Ht up to 0.4 m. WC
- lowryensis** Bolus var. **glandulifera** Dulfer
 Perennial. Shrub. Ht? WC
- lowryensis** Bolus var. **lowryensis**
 Perennial. Shrub. Ht up to 1(–2) m. WC
- lucida** Salisb. var. **laxa** (Andrews) Bolus
 Perennial. Shrub. Ht? WC
- lucida** Salisb. var. **lucida**
 Perennial. Shrub. Ht up to 1 m. WC
- lucida** Salisb. var. **pauciflora** Bolus
 Perennial. Shrub. Ht? WC
- lutea** P.J.Bergius
 Perennial. Shrub, dwarf shrub. Ht up to 0.9 m. WC

- lycopodiastrum** Lam.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- macilenta** Guthrie & Bolus
Perennial. Shrub. Ht up to 1.5 m. WC
- macowanii** Cufino
Perennial. Shrub. Ht up to 1.5 m. WC
- macra** Guthrie & Bolus = **E. nubigena**
- macroloma** Benth.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- macrophylla** Klotzsch ex Benth.
Perennial. Shrub. Ht up to 1 m. WC
- macropus** Guthrie & Bolus = **E. haemosiphon**
- macrorema** Guthrie & Bolus var. **glabripedicellata**
Dulfer (3)
Perennial. Shrub. Ht up to 1.5 m. WC
- macrorema** Guthrie & Bolus var. **macrorema**
Perennial. Shrub. Ht up to 1.2 m. WC
- maderi** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- madida** E.G.H.Oliv.
Philippia irrorata E.G.H.Oliv., not *E. irrorata* Guthrie & Bolus (27)
Perennial. Shrub. Ht up to 2.5 m. WC
- maesta** Bolus var. **longistyla** Dulfer
Perennial. Shrub? Ht? FS
- maesta** Bolus var. **maesta** (cf. *E. leucopelta*)
Perennial. Shrub. Ht up to 2 m. FS, KZN, L, WC, EC
- magistrati** E.G.H.Oliv. (35)
Perennial. Shrub. Ht up to 1.8 m. WC
- magnisylvae** E.G.H.Oliv. (42)
Perennial. Shrub. Ht up to 3.5 m. WC
- malmesburiensis** E.G.H.Oliv. (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- mammosa** L.
E. gilva J.C.Wendl. (58)
Perennial. Shrub. Ht up to 2.5 m. WC
- manifesta** Compton var. **campanulata** Dulfer = **E. umbelliflora**
- manifesta** Compton var. **manifesta** = **E. umbelliflora**
- margaritacea** Sol.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- mariae** Guthrie & Bolus = **E. regia** subsp. **mariae**
- marifolia** Sol.
Perennial. Dwarf shrub. Ht up to 0.1 m. WC
- maritima** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- marlothii** Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- massonii** L.f. var. **massonii**
Perennial. Shrub. Ht up to 1 m. WC
- massonii** L.f. var. **minor** Benth.
Perennial. Shrub. Ht? WC
- mauritanica** L.
E. viridipurpurea L. (9)
Perennial. Shrub. Ht up to 1 m. WC
- maximiliani** Guthrie & Bolus
Perennial. Shrub, dwarf shrub. Ht up to 1.5 m. WC
- media** Klotzsch ex Benth. = **E. umbelliflora**
- melanacme** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.45 m. WC
- melanomontana** E.G.H.Oliv. (51)
Scyphogyne orientalis E.G.H.Oliv., not *E. orientalis* R.A.Dyer (51)
Perennial. Dwarf shrub. Ht 0.3–0.5 m. WC
- melanthera** L.
Perennial. Shrub. Ht up to 0.7 m. WC, EC
- melastoma** Andrews subsp. **melastoma**
E. coccinea L. var. *inflata* H.A.Baker (58)
E. coccinea L. var. *melastoma* (Andrews) H.A.Baker (58)
E. coccinea L. var. *willdenovii* (Bolus) H.A.Baker (58)
E. follicularis Salisb. (58)
E. petiveri L. var. *melastoma* (Andrews) Benth. (58)
E. petiveri L. var. *willdenovii* Bolus (58)
E. vestiflua Salisb. (58)
Perennial. Shrub. Ht up to 1.5 m. WC
- melastoma** Andrews subsp. **minor** E.G.H.Oliv. & I.M.Oliv. (58)
Perennial. Shrub. Ht up to 0.7 m. WC
- mertensiana** J.C.Wendl. ex Klotzsch = hort. hybrid (60)
- merxmulleri** Dulfer = **E. natalitia** var. **natalitia**
- micrandra** Guthrie & Bolus
Perennial. Shrub. Ht up to 0.4 m. WC
- microcodon** Guthrie & Bolus = **E. mundii**
- miniscula** E.G.H.Oliv.
Lagenocarpus tenuis Benth., not *E. tenuis* Salisb. (51)
Leptericia tenuis (Benth.) N.E.Br. (51)
Scyphogyne tenuis (Benth.) E.G.H.Oliv. (51)
Perennial. Shrub. Ht up to 0.5 m. WC
- minutissima** Klotzsch ex Benth. = **E. quadrangularis**
- mira** Klotzsch ex Benth.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- mitchellensis** Dulfer
E. saxatilis L.Bolus, not of Salisb. (4)
Perennial. Shrub. Ht up to 0.2 m. WC
- modesta** Salisb.
Perennial. Dwarf shrub. Ht up to 0.25 m. WC
- mollis** Andrews
Perennial. Dwarf shrub. Ht up to 0.6 m. WC
- monadelphia** Andrews (58)
Perennial. Shrub. Ht up to 0.6 m. WC
- monantha** Compton
Perennial. Dwarf shrub. Ht up to 0.2 m. WC
- monsoniana** L.f. var. **exserta** Klotzsch
Perennial. Shrub. Ht? WC
- monsoniana** L.f. var. **monsoniana**
Perennial. Shrub. Ht up to 1.5 m. WC
- montana** L.Bolus = **E. lateralis**
- moschata** Andrews = **E. cristiflora** var. **moschata**
- montis-hominis** E.G.H.Oliv. (51)
Perennial. Dwarf shrub. Ht up to 0.25 m. WC
- mucosa** L. = **E. ferrea**
- mucronata** Andrews
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- muirii** L.Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- multiflexuosa** E.G.H.Oliv.
Blaeria flexuosa Benth., not *E. flexuosa* Andrews (31)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

- multumbellifera** P.J.Bergius
E. ramentacea L. (4)
Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- mundii** Guthrie & Bolus
E. microcodon Guthrie & Bolus (60)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- muscosa** (Aiton) E.G.H.Oliv.
Blaeria albida Thunb. (51)
Blaeria muscosa Aiton (51)
Blaeria pusilla J.C.Wendl. (51)
E. albens in sense of Thunb., not of L. (51)
E. albida (Thunb.) Thunb. (51)
Omphalocaryon muscosum (Aiton) Klotzsch var. *glabrum* Klotzsch (51)
Omphalocaryon muscosum (Aiton) Klotzsch var. *muscosum* (51)
Scyphogyne inconspicua Decne. (51)
Scyphogyne inconspicua Decne. var. *ciliata* N.E.Br. (51)
Scyphogyne inconspicua Decne. var. *glabriflora* N.E.Br. (51)
Scyphogyne inconspicua Decne. var. *pubescens* N.E.Br. (51)
Scyphogyne inconspicua Decne. var. *vestita* N.E.Br. (51)
Scyphogyne muscosa (Aiton) Druce (51)
Scyphogyne schlechteri N.E.Br. (51)
Perennial. Shrub. Ht 0.5–2 m. WC, NC
- myriocodon** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.2 m. WC
- nabea** Guthrie & Bolus
Perennial. Shrub. Ht up to 1.5 m. WC, EC
- nana** Salisb
Perennial. Dwarf shrub. Ht up to 0.2 m. WC
- natalensis** Dulfer
E. thodei Gilg, not *E. thodei* Guthrie & Bolus (30)
Perennial. Dwarf shrub. Ht? KZN
- natalitia** Bolus var. *brevipedicellata* Dulfer = **E. binaria**
- natalitia** Bolus var. **natalitia**
E. leptostachya Guthrie & Bolus var. *glabra* Dulfer (60)
E. merxmuelleri Dulfer (60)
Perennial. Shrub. Ht up to 2.4 m. LIM, M, KZN, EC
- natalitia** Bolus var. **robusta** Dulfer (3)
Perennial. Shrub. Ht? KZN
- navigatoris** E.G.H.Oliv. (43)
Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- nematophylla** Guthrie & Bolus
E. filamentosa Andrews var. *longiflora* Bolus (58)
Perennial. Shrub. Ht up to 1 m. WC
- nemorosa** Klotzsch ex Benth.
Perennial. Shrub. Ht up to 1 m. WC
- nervata** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- nevillei** L.Bolus
Perennial. Shrub. Ht up to 0.3 m. WC
- newdigateae** Dulfer
E. longipes Klotzsch ex Benth., not *E. longipes* Bartl. (4)
Perennial. Shrub, dwarf shrub. Ht up to 0.6 m. WC
- nidularia** Lodd. = hort. hybrid (60)
- nigrimontana** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- nivalis** Andrews = hort. hybrid (60)
- nivea** Sinclair
Perennial. Shrub, dwarf shrub. Ht up to 0.6 m. WC
- nobilis** Guthrie & Bolus = **E. eugenea**
- nodiflora** Klotzsch = **E. rhopalantha** var. **rhopalantha**
- niveniana** E.G.H.Oliv.
Syndesmanthus nivenii N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.25 m. WC
- notholeeana** (E.G.H.Oliv.) E.G.H.Oliv.
Philippia notholeeana E.G.H.Oliv. (27)
Perennial. Dwarf shrub. Ht up to 0.6 m. WC
- nubigena** Bolus
E. macra Guthrie & Bolus (2)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- nudiflora** L.
Perennial. Shrub, dwarf shrub. Ht up to 0.3 m. WC
- nutans** J.C.Wendl.
E. deliciosa H.L.Wendl. ex Benth. (60)
Perennial. Shrub. Ht up to 1.5 m. WC, EC
- oakesiorum** E.G.H.Oliv. (41)
Perennial. Shrub. Ht up to 2 m. WC
- oatesii** Rolfe var. **latifolia** Bolus
Perennial. Shrub. Ht up to 1.2 m. KZN
- oatesii** Rolfe var. **oatesii**
Perennial. Shrub. Ht up to 1.2 m. M, S, FS, KZN
- obconica** H.A.Baker (14)
Perennial. Shrub. Ht up to 1 m. WC
- obliqua** Thunb.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- oblongiflora** Benth.
Perennial. Shrub. Ht up to 1 m. WC
- obtusata** Klotzsch ex Benth.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- occulta** E.G.H.Oliv. (19)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- ocellata** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- octonaria** L.Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- odorata** Andrews
Perennial. Shrub. Ht up to 0.9 m. WC
- oligantha** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.1 m. WC
- oliveri** H.A.Baker
Perennial. Dwarf shrub. Ht up to 0.15 m. WC
- omniglabra** H.A.Baker (18)
Perennial. Dwarf shrub. Ht up to 0.1 m. WC
- onosmiflora** Salisb. = **E. viscaria** subsp. **macrosepala**
- onusta** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- oophylla** Benth.
Perennial. Dwarf shrub. Ht up to 0.1 m. WC
- opulenta** (J.C.Wendl. ex Klotzsch) Benth.
Perennial. Shrub. Ht up to 1.5 m. WC
- orculiflora** Dulfer (3)
Perennial. Dwarf shrub. Ht up to 0.35 m. WC
- oreina** Dulfer = **E. lateralis**
- oreophila** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.15 m. WC
- oreotragus** E.G.H.Oliv.
E. esterhuyseniae Compton var. *trimera* Compton (56)
Perennial. Dwarf shrublet. Ht up to 0.4 m. WC
- oresigena** Bolus
E. oresigena Bolus var. *intermedia* Bolus (2)
Perennial. Shrub. Ht up to 1.5 m. WC

- oresigena* Bolus var. *intermedia* Bolus = **E. oresigena**
oresigena Bolus var. *mollipila* Bolus = **E. taylorii**
orientalis R.A.Dyer
 Perennial. Dwarf shrub. Ht up to 0.3 m. EC
orthiocola E.G.H.Oliv. (49)
 Perennial. Dwarf shrublet. Ht up to 0.3 m. WC
ostiaria Compton
 Perennial. Shrub. Ht up to 1.3 m. WC
outeniquae (Compton) E.G.H.Oliv.
Eremiella outeniquae Compton (51)
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
ovina Klotzsch var. **ovina**
 Perennial. Shrub. Ht up to 0.9 m. WC
ovina Klotzsch var. **purpurea** Bolus
 Perennial. Shrub. Ht? WC
oxyandra Guthrie & Bolus
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
oxycoccifolia Salisb.
 Perennial. Dwarf shrub. Ht up to 0.1 m. WC
oxysepala Guthrie & Bolus
 Perennial. Shrub. Ht up to 0.7 m. WC
oxysepala Guthrie & Bolus var. *pubescens* Guthrie &
 Bolus = **E. sphaerocephala**
pageana L.Bolus
 Perennial. Shrub. Ht up to 0.9 m. WC
pallens Andrews = hort. hybrid (60)
palliiflora Salisb.
 Perennial. Dwarf shrub. Ht up to 0.6 m. WC
paludicola L.Bolus
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
paniculata L.
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
pannosa Salisb.
E. barbata Andrews var. *major* Andrews (4)
 Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt? WC
papyracea Guthrie & Bolus
 Perennial. Shrub. Ht up to 1 m. WC
parilis Salisb. var. **parilis**
E. longisepala Guthrie & Bolus (2)
 Perennial. Shrub. Ht up to 1(–2) m. WC
parilis Salisb. var. **parviflora** Benth.
 Perennial. Shrub. Ht? WC
parviflora L. var. **exigua** (Salisb.) Bolus
 Perennial. Shrub. Ht? WC
parviflora L. var. **glabra** Compton
 Perennial. Shrub. Ht? WC
parviflora L. var. **hispida** Bolus
 Perennial. Shrub. Ht? WC
parviflora L. var. **inermis** (Klotzsch) Bolus
 Perennial. Shrub. Ht? WC
parviflora L. var. **parviflora**
 Perennial. Dwarf shrub, shrub. Ht 0.2–1 m. WC
parviflora L. var. **puberula** (Bartl.) Bolus
 Perennial. Shrub. Ht? WC
parviflora L. var. **ternifolia** Bolus
 Perennial. Dwarf shrub. Ht? WC
parviporandra E.G.H.Oliv. (51)
 Perennial. Shrub. Ht up to 1.5 m. WC
parvula Guthrie & Bolus = **E. equisetifolia**
parvulisepala H.A.Baker = **E. xanthina**
passerinae Montin
 Perennial. Dwarf shrub. Ht up to 0.6 m. WC, EC
passerinoides (Bolus) E.G.H.Oliv.
Ericinella passerinoides Bolus (34)
 Perennial. Shrub. Ht up to 0.5 m. EC
patens Andrews = hort. hybrid (60)
patersonii Andrews, not of L.Bolus (58)
E. abietina in sense of Benth., not of L. (58)
 Perennial. Shrub. Ht up to 0.5(–1) m. WC
patersonii L.Bolus = **E. viscaria** subsp. **pustulata**
paucifolia (J.C.Wendl.) E.G.H.Oliv. subsp. **ciliata** (Klotzsch)
 E.G.H.Oliv. (51)
Syndesmanthus ciliatus (Klotzsch) Benth. (51)
 Perennial. Dwarf shrub. Ht up to 0.15 m. WC
paucifolia (J.C.Wendl.) E.G.H.Oliv. subsp. **paucifolia**
 (51)
Blaeria paucifolia J.C.Wendl. (51)
Syndesmanthus paucifolius (J.C.Wendl.) Benth. (51)
 Perennial. Dwarf shrub. Ht up to 0.25 m. WC
paucifolia (J.C.Wendl.) E.G.H.Oliv. subsp. **squarrosa**
 (Benth.) E.G.H.Oliv. (51)
Syndesmanthus squarrosus Benth. (51)
 Perennial. Dwarf shrub. Ht up to 0.25 m. WC
pauciovulata H.A.Baker
 Perennial. Dwarf shrub. Ht up to 0.25 m. WC
pavettiflora Salisb. = **E. infundibuliformis**
pearsoniana L.Bolus
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
pectinata Klotzsch = **E. cristata**
pectinifolia Salisb. var. **oblongifolia** Dulfer
 Perennial. Shrub. Ht? WC
pectinifolia Salisb. var. **pectinifolia**
 Perennial. Shrub. Ht up to 1.5 m. WC
pellucida Sol. ex Salisb.
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
peltata Andrews
Philippia pallida L.Guthrie (27)
 Perennial. Shrub. Ht up to 0.6(–1.2) m. WC
penduliflora E.G.H.Oliv.
E. filipendula Benth. var. *major* Bolus (54)
 Perennial. Shrub. Ht up to 1.5 m. WC
penicilliformis Salisb. var. **chrysantha** (Klotzsch ex Benth.)
 Dulfer
E. calyculata J.C.Wendl. var. *chrysantha* (Klotzsch ex Benth.)
 Bolus (4)
 Perennial. Shrub. Ht? WC
penicilliformis Salisb. var. **penicilliformis**
E. calyculata J.C.Wendl. var. *calyculata* (4)
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
perlata Sinclair
 Perennial. Shrub, dwarf shrub. Ht up to 0.6 m. WC
permutata Dulfer
E. confusa Guthrie & Bolus, not *E. confusa* Gandog. (4)
 Perennial. Dwarf shrub. Ht up to 0.2 m. WC
perplexa E.G.H.Oliv. (51)
 Perennial. Shrub. Ht up to 1.5 m. WC

- perspicua** J.C.Wendl. var. **lanceolata** Bolus
Perennial. Shrub. Ht? WC
- perspicua** J.C.Wendl. var. **latifolia** Bolus
Perennial. Shrub. Ht? WC
- perspicua** J.C.Wendl. var. **perspicua**
Perennial. Shrub. Ht up to 2 m. WC
- petiolaris** Lam.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- petiveri** L. = **E. coccinea** subsp. **coccinea**
- petiveri** L. var. **intermedia** (Klotzsch ex Benth.) Bolus =
E. intermedia subsp. **intermedia**
- petiveri** L. var. **melastoma** (Andrews) Benth. = **E. melastoma** subsp. **melastoma**
- petiveri** L. var. **pubescens** Bolus = **E. coccinea** subsp. **coccinea**
- petiveri** L. var. **willdenovii** Bolus = **E. melastoma** subsp. **melastoma**
- petraea** Benth.
E. krigeae Compton (2)
Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- petricola** E.G.H.Oliv.
Philippia petrophila E.G.H.Oliv. (27)
Perennial. Dwarf shrub. Ht up to 0.2 m. WC
- petrophila** L. Bolus
Perennial. Dwarf shrub. Ht up to 0.05 m. WC
- petrusiana** E.G.H.Oliv. & I.M.Oliv. (58)
Perennial. Shrub. Ht up to 0.5 m. WC
- peziza** Lodd.
Perennial. Shrub. Ht up to 2 m. WC
- phacelanthera** E.G.H.Oliv.
Omphalocaryon capitatum Klotzsch (51)
Scyphogyne brevifolia Benth. (51)
Scyphogyne capitata (Klotzsch) Benth. var. *brevifolia* (Benth.) N.E.Br. (51)
Scyphogyne capitata (Klotzsch) Benth. var. *capitata* (51)
Scyphogyne viscida N.E.Br. (51)
Perennial. Shrub. Ht up to 1 m. WC
- phaecarpa** E.G.H.Oliv.
Simocheilus quadrisulcus N.E.Br., name rejected (51)
Perennial. Shrub. Ht up to 1 m. WC
- philippioides** Compton
Perennial. Shrub. Ht up to 0.8 m. NC, WC
- phillipsii** L. Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- phylicifolia** Salisb. = **E. abietina** subsp. **atrorosea**
- physantha** Benth.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- physantha** Benth. var. **aristulata** Bolus = **E. fimbriata**
- physodes** L.
Perennial. Shrub. Ht up to 0.7 m. WC
- physophylla** Benth.
Perennial. Dwarf shrub. Ht up to 0.05 m. WC
- pilaarkopensis** H.A.Baker, as '*pillarkopensis*' (18, 60)
Perennial. Shrub. Ht up to 2 m. WC
- pillansii** Bolus
E. pyrantha L. Bolus (60)
Perennial. Shrub. Ht up to 1.5 m. WC
- pilosiflora** E.G.H.Oliv. subsp. **pilosiflora**
Acrostemon eriocephalus (Klotzsch) N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- pilosiflora** E.G.H.Oliv. subsp. **purpurea** E.G.H.Oliv. (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- pilulifera** L.
Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- pinea** Thunb.
E. pinea Thunb. var. *argentiflora* (Andrews) Bolus (58)
E. pinea Thunb. var. *viscosissima* Bolus (58)
Perennial. Shrub, dwarf shrub. Ht up to 1.5 m. WC
- pinea** Thunb. var. *argentiflora* (Andrews) Bolus = **E. pinea**
- pinea** Thunb. var. *viscosissima* Bolus = **E. pinea**
- piquetbergensis** (N.E.Br.) E.G.H.Oliv.
Simocheilus piquetbergensis N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- placentiflora** Salisb.
Perennial. Shrub, dwarf shrub. Ht up to 0.6 m. WC
- planifolia** L. var. **calycina** Bolus
Perennial. Dwarf shrub. Ht? WC
- planifolia** L. var. **planifolia**
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- platycalyx** E.G.H.Oliv.
Platycalyx pumila N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- plena** L. Bolus
E. colorans Andrews var. *breviflora* H.A.Baker (60)
Perennial. Shrub. Ht up to 1 m. WC
- plukenetii** L. subsp. **bredensis** E.G.H.Oliv. & I.M.Oliv.
Perennial. Shrub. Ht up to 1 m. WC
- plukenetii** L. subsp. **breviflora** (Dulfer) E.G.H.Oliv. & I.M.Oliv.
E. breviflora Dulfer (58)
E. scariosa Thunb. (58)
Perennial. Shrub. Ht up to 1.8 m. WC
- plukenetii** L. subsp. **lineata** (Benth.) E.G.H.Oliv. & I.M.Oliv.
E. lineata Benth. (58)
Perennial. Shrub. Ht up to 1.5 m. WC
- plukenetii** L. subsp. **penicellata** (Andrews) E.G.H.Oliv. & I.M.Oliv.
E. plukenetii L. var. *bicarinata* Bolus (58)
Perennial. Shrub. Ht up to 1.5 m. WC
- plukenetii** L. subsp. **plukenetii**
E. plukenetii L. var. *brevifolia* Bolus (58)
E. plukenetii L. var. *plukenetii* (58)
Perennial. Shrub. Ht up to 1.5 m. WC
- plukenetii** L. var. *bicarinata* Bolus = **E. plukenetii** subsp. **penicellata**
- plukenetii** L. var. *brevifolia* Bolus = **E. plukenetii** subsp. **plukenetii**
- plukenetii** L. var. *plukenetii* = **E. plukenetii** subsp. **plukenetii**
- plumigera** Bartl.
Perennial. Shrub. Ht up to 0.7 m. WC
- plumosa** Thunb.
Grisebachia alba N.E.Br. (51)
Grisebachia apiculata N.E.Br. (51)
Grisebachia bolusii N.E.Br. (51)
Grisebachia ciliaris (L.f.) Klotzsch subsp. *bolusii* (N.E.Br.) E.G.H.Oliv. (51)
Grisebachia ciliaris (L.f.) Klotzsch subsp. *ciliaris*, not *E. ciliaris* L. (51)
Grisebachia ciliaris (L.f.) Klotzsch subsp. *ciliiflora* (Salisb.) E.G.H.Oliv. (51)
Grisebachia ciliaris (L.f.) Klotzsch subsp. *involuta* (Klotzsch) E.G.H.Oliv. (51)

- Grisebachia ciliaris* (L.f.) Klotzsch subsp. *multiglandulosa* E.G.H.Oliv. (51)
Grisebachia dregeana Benth. (51)
Grisebachia hirta Klotzsch (51)
Grisebachia hispida Klotzsch (51)
Grisebachia incana (Bartl.) Klotzsch (51)
Grisebachia involuta Klotzsch (51)
Grisebachia nivenii N.E.Br. (51)
Grisebachia pentheri Zahlbr. (51)
Grisebachia pilifolia N.E.Br. (51)
Grisebachia plumosa (Thunb.) Klotzsch subsp. *eciliata* E.G.H.Oliv. (51)
Grisebachia plumosa (Thunb.) Klotzsch subsp. *hirta* (Klotzsch) E.G.H.Oliv. (51)
Grisebachia plumosa (Thunb.) Klotzsch subsp. *hispida* (Klotzsch) E.G.H.Oliv. (51)
Grisebachia plumosa (Thunb.) Klotzsch subsp. *irrorata* E.G.H.Oliv. (51)
Grisebachia plumosa (Thunb.) Klotzsch subsp. *pentheri* (Klotzsch) E.G.H.Oliv. (51)
Grisebachia plumosa (Thunb.) Klotzsch subsp. *plumosa* (51)
Grisebachia plumosa (Thunb.) Klotzsch var. *scabra* N.E.Br. (51)
Grisebachia plumosa (Thunb.) Klotzsch var. *serrulata* (Benth.) N.E.Br. (51)
Grisebachia rigida N.E.Br. (51)
Grisebachia serrulata Benth. (51)
Grisebachia solivaga N.E.Br. (51)
Grisebachia thunbergii Rach (51)
Grisebachia velleriflora Klotzsch (51)
Grisebachia zeyheriana Klotzsch (51)
 Perennial. Shrub. Ht up to 1 m. WC, NC
- podophylla** Benth.
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- pogonantha** Bartl.
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- polifolia** Salisb. ex Benth. var. **angustata** Bolus
 Perennial. Shrub. Ht? WC
- polifolia** Salisb. ex Benth. var. **polifolia**
 Perennial. Shrub. Ht up to 0.6 m. WC
- polycoma** Benth.
 Perennial. Shrub. Ht up to 0.6 m. WC
- portenschlagiana** Dulfer (insufficiently known) (60)
 Perennial. Shrub. Ht? WC
- porteri* Compton = **E. thomae**
- praecox** Klotzsch
 Perennial. Shrub. Ht up to 0.3 m. WC
- praenitens** Tausch
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- primulina* Bolus = **E. viridiflora** subsp. **primulina**
- priorii** Guthrie & Bolus
 Perennial. Shrub. Ht up to 1.2 m. WC
- procaviana** (E.G.H.Oliv.) E.G.H.Oliv.
Philippia procaviana E.G.H.Oliv. (27)
 Perennial. Shrub. Ht up to 0.3 m. WC
- propendens** Andrews
E. dulcis L.Bolus (2)
 Perennial. Shrub. Ht up to 1 m. WC
- propinqua** Guthrie & Bolus
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- pseudocalycina** Compton
 Perennial. Dwarf shrub. Ht up to 0.5 m. WC, EC
- puberuliflora** E.G.H.Oliv.
Thamnum puberulum Klotzsch, not *E. puberula* Bartl. (51)
Thoracosperma puberulum (Klotzsch) N.E.Br. (51)
 Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- pubescens** L. var. **glabrifolia** Dulfer
 Perennial. Shrub. Ht? WC
- pubescens** L. var. **pubescens**
 Perennial. Shrub. Ht up to 0.6 m. WC
- pubigera** Salisb.
 Perennial. Dwarf shrub. Ht up to 0.8 m. WC
- pudens** H.A.Baker
 Perennial. Dwarf shrub. Ht up to 0.15 m. NC, WC
- pulchella** Hoult. var. **major** Salter
 Perennial. Shrub. Ht? WC
- pulchella** Hoult. var. **pulchella**
 Perennial. Shrub, dwarf shrub. Ht up to 0.6 m. WC
- pulchelliflora** E.G.H.Oliv.
Syndesmanthus pulchellus N.E.Br. (51)
 Perennial. Dwarf shrub. Ht up to 0.15 m. WC
- pulvinata** Guthrie & Bolus
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- pulvinata* Guthrie & Bolus var. *montana* Guthrie & Bolus
 = **E. regerminans**
- pumila** Andrews
 Perennial. Dwarf shrub. Ht? WC
- purgatoriensis** H.A.Baker
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- purpurea* Andrews = **E. abietina** subsp. **atrorosea**
- pusilla* Salisb. = **E. canescens** var. **canescens**
- pustulata* H.A.Baker = **E. viscaria** subsp. **pustulata**
- pycnantha** Benth.
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- pyramidalis** Sol. var. **pyramidalis**
 Perennial. Shrub. Ht up to 0.6 m. WC
- pyramidalis** Sol. var. **vernalis** (Lodd.) Benth.
 Perennial. Shrub. Ht? WC
- pyrantha* L.Bolus = **E. pillansii**
- pyxidiflora** Salisb.
 Perennial. Dwarf shrub. Ht up to 0.6 m. WC
- quadrangularis** Salisb.
E. minutissima Klotzsch ex Benth. (33)
 Perennial. Dwarf shrub, shrub. Ht up to 1 m. WC
- quadrifida** (Benth.) E.G.H.Oliv.
Thoracosperma paniculatum (Thunb.) Klotzsch (51)
 Perennial. Shrub. Ht up to 0.7 m. WC
- quadrisulcata** L.Bolus
 Perennial. Dwarf shrub. Ht up to 0.35 m. WC
- racemosa** Thunb. var. **aristata** L.Bolus
 Perennial. Dwarf shrub. Ht? WC
- racemosa** Thunb. var. **racemosa**
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- radicans** (L.Guthrie) E.G.H.Oliv. subsp. **radicans**
Thoracosperma muiirii L.Guthrie (51)
Thoracosperma radicans L.Guthrie (51)
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- radicans** (L.Guthrie) E.G.H.Oliv. subsp. **schlechteri**
 (N.E.Br.) E.G.H.Oliv.
Acrostemon schlechteri N.E.Br. (51)
E. filiformis Salisb. var. *maritima* Bolus (51)
 Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- ramentacea* L. = **E. multumbellifera**
- recta** Bolus
 Perennial. Shrub. Ht up to 1 m. WC
- recurvata* Andrews = **E. cumuliflora**

- recurvifolia** E.G.H.Oliv.
Eremia recurvata Klotzsch, not *E. recurvata* Andrews (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- reenensis** Zahlbr.
Perennial. Dwarf shrub. Ht up to 0.5 m. M, FS, KZN, L
- regerminans** L.
E. ellipticiflora Dulfer (60)
E. pulvinata Guthrie & Bolus var. *montana* Guthrie & Bolus (2)
Perennial. Shrub, dwarf shrub. Ht up to 1.5 m. WC
- regia** Bartl. subsp. **mariae** (Guthrie & Bolus) E.G.H.Oliv. & I.M.Oliv.
E. mariae Guthrie & Bolus (58)
Perennial. Shrub. Ht up to 1 m. WC
- regia** Bartl. subsp. **regia**
E. casta Guthrie & Bolus var. *breviflora* Guthrie & Bolus (58)
E. casta Guthrie & Bolus var. *casta* (58)
E. regia Bartl. var. *regia* (58)
E. regia Bartl. var. *variegata* Bolus (58)
E. regia Bartl. var. *williana* Bolus (58)
Perennial. Shrub, dwarf shrub. Ht up to 1.2 m. WC
- regia** Bartl. var. **regia** = **E. regia** subsp. **regia**
- regia** Bartl. var. *variegata* Bolus = **E. regia** subsp. **regia**
- regia** Bartl. var. *williana* Bolus = **E. regia** subsp. **regia**
- rehmii** Dulfer (3)
Perennial. Shrub. Ht up to 1.5 m. WC
- remota** (N.E.Br.) E.G.H.Oliv. (51)
Scyphogyne remota N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- retorta** Montin
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- revoluta** (Bolus) L.E.Davidson (24)
E. austroverna Hilliard (33)
E. subverticillaris Diels ex Guthrie & Bolus var. *revoluta* Bolus (24)
Perennial. Shrub. Ht up to 1 m. M, S, KZN
- rhodantha** Guthrie & Bolus
Perennial. Shrub. Ht up to 0.5 m. WC
- rhodopis** (Bolus) Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.15 m. WC
- rhopalantha** Dulfer var. **delapsa** (Bolus) Dulfer
Perennial. Dwarf shrub. Ht? WC
- rhopalantha** Dulfer var. **rhopalantha**
E. nodiflora Klotzsch (3)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- ribisaria** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- richardii** E.G.H.Oliv. & I.M.Oliv. (55)
Perennial. Dwarf shrub. Ht up to 0.25 m. WC
- rigidula** (N.E.Br.) E.G.H.Oliv.
Blepharophyllum divaricatum Klotzsch, not *E. divaricata* Sincl. (51)
Scyphogyne biconvexa N.E.Br. (51)
Scyphogyne brownii Compton (51)
Scyphogyne divaricata (Klotzsch) Benth. (51)
Scyphogyne glandulifera N.E.Br. (51)
Scyphogyne longistyla N.E.Br. (51)
Scyphogyne rigidula N.E.Br. (51)
Scyphogyne rigidula N.E.Br. var. *breviciliata* N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.5 m. NC, WC
- rimarum** E.G.H.Oliv. (50)
Perennial. Dwarf shrublet. Ht up to 0.1 m. WC
- riparia** H.A.Baker
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- rivularis** L.E.Davidson (28)
Perennial. Shrub. Ht up to 0.6 m. M
- rosacea** (L.Guthrie) E.G.H.Oliv. subsp. **rosacea**
Thoracosperma bondiae Compton (51)
Thoracosperma fourcadei Compton (51)
Thoracosperma galpinii N.E.Br., not *E. galpinii* Salter (51)
Thoracosperma rosaceum L.Guthrie (51)
Perennial. Shrub. Ht up to 0.5 m. WC, EC
- rosacea** (L.Guthrie) E.G.H.Oliv. subsp. **glabrata** E.G.H.Oliv.
Thoracosperma marlothii N.E.Br., not *E. marlothii* Bolus (51)
Perennial. Shrub. Ht up to 0.3 m. WC
- roseoloba** E.G.H.Oliv. (39)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- rubens** Thunb.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- rubiginosa** Dulfer var. **caespitosa** (Bolus) Dulfer
E. fucata Klotzsch ex Benth. var. *caespitosa* Bolus (3)
Perennial. Dwarf shrub. Ht? WC
- rubiginosa** Dulfer var. **rubiginosa**
E. fucata Klotzsch ex Benth., not *E. fucata* Thunb. (3)
E. tenuipedicellata Compton (2)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- rudolfii** Bolus
Perennial. Shrub. Ht up to 1.5 m. WC
- rufescens** Klotzsch
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- rugata** E.G.H.Oliv.
Coccosperma rugosum Klotzsch, not *E. rugosa* Andrews (51)
Salaxis rugosa (Klotzsch) Benth. (51)
Perennial. Shrub. Ht up to 1.5 m. WC
- rupicola** Klotzsch
Perennial. Dwarf shrub. Ht? WC
- russakiana** E.G.H.Oliv.
Acrostemon concinnus N.E.Br., not *E. concinna* Sol. (31)
Blaeria kraussiana Klotzsch ex Walp., not *E. kraussiana* Klotzsch (31)
Perennial. Shrub. Ht up to 0.5 m. WC
- rusticula** E.G.H.Oliv. (50)
Perennial. Dwarf shrublet. Ht up to 0.15 m. WC
- sacciflora** Salisb.
Perennial. Shrub. Ht up to 1.2 m. WC
- sagittata** Klotzsch ex Benth.
Blaeria grandis N.E.Br. (31)
Blaeria sagittata (Klotzsch ex Benth.) Alm & T.C.E.Fr. (31)
Perennial. Shrub. Ht up to 1 m. EC
- salax** Salisb.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- salicina** E.G.H.Oliv. & I.M.Oliv. ms
E. viminalis E.G.H.Oliv., not *E. viminalis* Salisb. (60)
Perennial. Shrub. Ht up to 1.5 m. WC
- salteri** L.Bolus
Perennial. Dwarf shrub. Ht up to 0.2 m. WC
- saptouensis** E.G.H.Oliv. (39)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC, EC
- savilea** Andrews var. **grandiflora** Bolus
Perennial. Dwarf shrub. Ht? WC
- savilea** Andrews var. **mutica** L.Bolus
Perennial. Dwarf shrub. Ht? WC
- savilea** Andrews var. **savilea**
Perennial. Shrub. Ht up to 1 m. WC
- saxatilis** L.Bolus = **E. mitchellensis**
- saxicola** Guthrie & Bolus

- Perennial. Dwarf shrub. Ht up to 0.15 m. WC
- saxigena** Dulfer (3)
Perennial. Shrub. Ht up to 1 m. WC
- scabriuscula** Lodd.
E. gibbosa Klotzsch ex Benth. (60)
Perennial. Shrub. Ht up to 3 m. WC
- scariosa** P.J.Bergius = **E. spumosa**
- scariosa** Thunb. = **E. plukenetii** subsp. **breviflora**
- schelpeorum** E.G.H.Oliv. & I.M.Oliv. (59)
Perennial. Shrub. Ht up to 1.5 m. WC
- schlechteri** Bolus
Perennial. Shrub. Ht up to 1.5 m. FS, KZN, L, EC
- schmidtii** Dulfer (3) (doubtful species) (60)
Perennial. Shrub. Ht? WC
- schumannii** E.G.H.Oliv. (45)
Perennial. Dwarf shrublet. Ht up to 0.1 m. WC
- scytophylla** Guthrie & Bolus
Perennial. Shrub. Ht up to 1 m. WC
- sebana** Donn, naked name = **E. coccinea** subsp. **coccinea**
- selaginifolia** Salisb.
Perennial. Shrub. Ht up to 1 m. WC
- senilis** Klotzsch ex Benth.
Perennial. Dwarf shrub. Ht up to 0.2 m. WC
- senilis** Klotzsch ex Benth. var. **australis** Dulfer = **E. tegetiformis**
- seriphiifolia** Salisb.
Perennial. Shrub. Ht up to 0.3 m. WC
- serrata** Thunb.
Blaeria serrata (Thunb.) Thunb. (51)
Lagenocarpus ciliatus (Benth.) N.E.Br. (51)
Lagenocarpus imbricatus Klotzsch (51)
Nagelocarpus ciliatus (Benth.) Bullock (51)
Nagelocarpus serratus (Thunb.) Bullock (51)
Salaxis ciliata Benth. (51)
Perennial. Shrub. Ht up to 1.2 m. WC
- serratifolia** Andrews var. **serratifolia** = hort. hybrid
- serratifolia** Andrews var. **subnuda** Bolus = **E. kogelbergensis**
- sessiliflora** L.f.
E. sessiliflora L.f. var. **claviflora** (Salisb.) Bolus (58)
E. sessiliflora L.f. var. **oblanceolata** Bolus (58)
E. sessiliflora L.f. var. **sceptriformis** (Salisb.) Bolus (58)
Perennial. Shrub. Ht up to 2 m. WC
- sessiliflora** L.f. var. **claviflora** (Salisb.) Bolus = **E. sessiliflora**
- sessiliflora** L.f. var. **oblanceolata** Bolus = **E. sessiliflora**
- sessiliflora** L.f. var. **sceptriformis** (Salisb.) Bolus = **E. sessiliflora**
- setacea** Andrews
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- setociliata** H.A.Baker (14)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- setosa** Bartl.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- setulosa** Benth.
E. solandra Andrews var. **mollis** Dulfer (33)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- sexfaria** Bauer
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- shannonea** Andrews
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- sicifolia** Salisb.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- simii** (S.Moore) E.G.H.Oliv.
Philippia simii S.Moore (27)
Perennial. Shrub. Ht up to 2 m. LIM
- similis** (N.E.Br.) E.G.H.Oliv.
Blaeria articulata L., name rejected, not *E. articularis* L. (51)
Syndesmanthus articulatus (L.) Klotzsch var. **articulatus**, not *E. articularis* L. (51)
Syndesmanthus articulatus (L.) Klotzsch var. **fasciculatus** N.E.Br. (51)
Syndesmanthus articulatus (L.) Klotzsch var. **hirtus** Benth. (51)
Syndesmanthus elimensis N.E.Br. var. **elimensis**, not *E. elimensis* L.Bolus (51)
Syndesmanthus elimensis N.E.Br. var. **incertus** N.E.Br. (51)
Syndesmanthus fasciculatus Klotzsch, not *E. fasciculata* Thunb. (51)
Syndesmanthus scaber Klotzsch, not *E. scabra* Thunb. (51)
Syndesmanthus similis N.E.Br. (51)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- simulans** Dulfer var. **simulans**
E. decipiens A.Spreng. var. **decipiens** (4)
Perennial. Shrub. Ht up to 2 m. WC, EC
- simulans** Dulfer var. **tetragona** (Bolus) Dulfer
E. decipiens A.Spreng. var. **tetragona** Bolus (4)
Perennial. Shrub. Ht? EC
- simulans** Dulfer var. **trivialis** (Klotzsch) Dulfer
E. decipiens A.Spreng. var. **trivialis** (Klotzsch) Bolus (4)
Perennial. Shrub. Ht? EC
- sitiens** Klotzsch
Perennial. Shrub. Ht up to 0.6 m. WC
- sociorum** L.Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- solandra** Andrews
Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- solandra** Andrews var. **mollis** Dulfer = **E. setulosa**
- sonderiana** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- sonora** Compton = **E. aristifolia**
- sparrmannii** L.f.
Perennial. Shrub. Ht up to 1 m. WC
- sparsa** Lodd. var. **glanduloso-pedicellata** Dulfer (3)
Perennial. Shrub. Ht? WC
- sparsa** Lodd. var. **sparsa**
E. floribunda Lodd., not *E. floribunda* J.C.Wendl. (4)
Perennial. Shrub. Ht up to 2 m. WC, EC
- speciosa** Andrews
Perennial. Shrub. Ht up to 1 m. WC
- spectabilis** Klotzsch ex Benth.
Perennial. Shrub. Ht up to 1.5 m. WC
- sperata** E.G.H.Oliv. (47)
Perennial. Shrub. Ht up to 2 m. WC
- sphaerocephala** J.C.Wendl. ex Benth.
E. oxysepala Guthrie & Bolus var. **pubescens** Guthrie & Bolus (2)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- sphaeroidea** Dulfer var. **sphaeroidea** = **E. hirta**
- sphaeroidea** Dulfer var. **subterminalis** (Klotzsch) Dulfer = **E. hirta**
- sphenanthera** Tausch = hort. hybrid (58)
- splendens** Andrews = **E. tumida** var. **tumida**

- spumosa** L.
E. scariosa P.J.Bergius (3)
Perennial. Dwarf shrub. Ht up to 0.45 m. WC
- squarrosa** Salisb.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- steinbergiana** H.L.Wendl. ex Klotzsch var. **abbreviata** Bolus
Perennial. Dwarf shrub. Ht? WC
- steinbergiana** H.L.Wendl. ex Klotzsch var. **steinbergiana**
Perennial. Shrub. Ht up to 0.8 m. WC
- stenantha** Klotzsch ex Benth.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- stokoei** L.Bolus
Perennial. Dwarf shrub. Ht up to 0.2 m. WC
- stokoeanthus** E.G.H.Oliv.
Stokoeanthus chionophilus E.G.H.Oliv., not *E. chionophila* Guthrie & Bolus (51)
Perennial. Shrub. Ht up to 1.2 m. WC
- straminea** J.C.Wendl. = hort. hybrid (60)
- straussiana** Gilg
E. symonsii L.Bolus (60)
E. westii L.Bolus (4)
Perennial. Shrub. Ht up to 0.9 m. KZN, L
- strigilifolia** Salisb. var. **rosea** Bolus
Perennial. Shrub. Ht? WC
- strigilifolia** Salisb. var. **strigilifolia**
Perennial. Shrub, dwarf shrub. Ht up to 1.5 m. WC
- strigosa** Sol.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- stylaris** Spreng.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- subcapitata** (N.E.Br.) E.G.H.Oliv.
Coccosperma forbesianum Klotzsch, superfluous name (51)
Coccosperma hexandrum (Klotzsch) Druce, not *E. hexandra* (S.Moore) E.G.H.Oliv. (51)
Coccosperma subcapitatum N.E.Br. (51)
Perennial. Shrub. Ht up to 1 m. WC
- subdivaricata** P.J.Bergius
Perennial. Shrub. Ht up to 0.8 m. WC
- subimbricata** Compton = **E. imbricata**
- subulata** J.C.Wendl.
Perennial. Shrub. Ht up to 1 m. WC
- subverticillaris** Diels ex Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.3 m. M
- subverticillaris** Diels ex Guthrie & Bolus var. **revoluta** Bolus = **E. revoluta**
- suffulta** J.C.Wendl. ex Benth.
Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- sulcata** Benth. = **E. curviflora** var. **sulcata**
- swaziensis** E.G.H.Oliv. (30)
Perennial. Dwarf shrub. Ht up to 0.4 m. S
- symonsii** L.Bolus = **E. straussiana** (60)
- syngenesia** Compton
Perennial. Shrub. Ht up to 1.7 m. WC
- tarantulae** E.G.H.Oliv. (35)
Perennial. Dwarf shrub. Ht up to 0.16 m. WC
- taxifolia** Bauer
Perennial. Shrub. Ht up to 0.6 m. WC
- taylorii** E.G.H.Oliv.
E. oresigena Bolus var. *mollipila* Bolus (56)
Perennial. Dwarf shrub. Ht up to 0.2 m. WC
- tegetiformis** E.G.H.Oliv. (29)
E. senilis Klotzsch ex Benth. var. *australis* Dulfer (29)
Perennial. Dwarf shrub. Ht up to 0.15 m. WC
- tegulifolia** Salisb.
Perennial. Shrub. Ht up to 1 m. WC
- tenax** L.Bolus = **E. thomae**
- tenella** Andrews var. **gracilior** Bolus
Perennial. Dwarf shrub. Ht? WC
- tenella** Andrews var. **tenella**
Perennial. Shrub, dwarf shrub. Ht up to 1 m. WC
- tenuicaulis** Klotzsch ex Benth.
Perennial. Dwarf shrub. Ht up to 0.1 m. WC
- tenuifolia** L.
Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- tenuipedicellata** Compton = **E. rubiginosa** var. **rubiginosa**
- tenuipes** Guthrie & Bolus
Perennial. Dwarf shrublet. Ht up to 0.1 m. WC
- tenuis** Salisb.
Perennial. Dwarf shrub, shrub. Ht up to 1.5 m. WC, EC
- terniflora** E.G.H.Oliv.
Salaxis triflora Compton, not *E. triflora* L. (51)
Perennial. Shrub. Ht 0.3–0.5 m. WC
- tetragona** L.f.
Perennial. Shrub. Ht up to 0.6 m. WC
- tetrathecoides** Benth.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- thamnoides** E.G.H.Oliv.
Thamnus multiflorus Klotzsch, not *E. multiflora* L. (51)
Perennial. Shrub. Ht up to 1.5 m. WC, EC
- thimifolia** J.C.Wendl.
Perennial. Dwarf shrub. Ht up to 0.15 m. WC
- thodei** Gilg = **E. natalensis**
- thodei** Guthrie & Bolus
E. dykei Bolus (30)
Perennial. Shrub. Ht up to 0.6 m. FS, KZN, L, EC
- thomae** L.Bolus
E. tenax L.Bolus (58)
E. thomae L.Bolus var. *brevisepala* L.Bolus (58)
E. porteri Compton (58)
Perennial. Shrub. Ht up to 1.5 m. WC
- thomae** L.Bolus var. *brevisepala* L.Bolus = **E. thomae**
- thunbergii** × *E. sphaerocephala* = **E. ×flavisepala**
- thunbergii** Montin var. **celsiana** (Lodd.) Benth.
Perennial. Dwarf shrub. Ht? WC
- thunbergii** Montin var. **thunbergii**
Perennial. Shrub. Ht up to 0.6 m. WC
- tomentosa** Salisb.
Perennial. Shrub. Ht up to 0.6 m. WC
- toringbergensis** H.A.Baker (18)
Perennial. Shrub. Ht up to 1.3 m. WC
- totta** Thunb
Eremia totta (Thunb.) D.Don (51)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC

- trachysantha** Bolus
Perennial. Shrub. Ht up to 0.6 m. WC, EC
- tradouwensis** Compton
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- tragulifera** Salisb.
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- transparens** P.J.Bergius
Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- triceps** Link
E. adunca Benth. (60)
Perennial. Shrub. Ht up to 0.6 m. WC
- trichadenia** Bolus
Perennial. Shrub. Ht up to 1 m. WC
- trichoclada** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.1 m. KZN
- trichophora** Benth.
Perennial. Shrub. Ht up to 1 m. WC
- trichophylla** Benth.
Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- trichostigma** Salter
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- trichroma** Benth. var. **imbricata** Bolus
Perennial. Dwarf shrub. Ht? WC
- trichroma** Benth. var. **trichroma**
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- triflora** L. var. **rosea** Benth.
Perennial. Shrub. Ht? WC
- triflora** L. var. **triflora**
Perennial. Shrub. Ht up to 2 m. WC
- tristis** Bartl.
Philippia absinthoides (Thunb.) E.G.H.Oliv., not *E. absinthoides* L. (27)
Philippia chamissonis Klotzsch (27)
Perennial. Shrub. Ht 0.25–3 m. WC
- truncata** L. Bolus
Perennial. Dwarf shrub. Ht up to 0.2 m. WC
- tubercularis** Salisb.
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- tumida** Ker Gawl. var. **minor** Bolus
Perennial. Shrub. Ht? WC
- tumida** Ker Gawl. var. **tumida**
E. splendens Andrews, not of *E. splendens* J.C.Wendl. (4)
Perennial. Shrub. Ht up to 2 m. WC
- turbiniiflora** Salisb. var. **aristata** Bolus = **E. capensis**
- turbiniiflora** Salisb. var. **turbiniiflora** = **E. capensis**
- turgida** Salisb.
Perennial. Dwarf shrub. Ht up to 0.2 m. WC
- turmalis** Salisb. (insufficiently known) (33)
- turrisbabylonica** H.A.Baker (12)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC
- tysonii** Bolus var. **krookii** Zahlbr.
Perennial. Dwarf shrub. Ht up to 0.15 m. EC
- tysonii** Bolus var. **tysonii**
Perennial. Dwarf shrub. Ht up to 0.1 m. KZN, EC
- uberiflora** E.G.H.Oliv.
Simocheilus barbiger Klotzsch, not *E. barbiger* Salisb. (51)
Simocheilus carneus Klotzsch, not *E. carnea* L. (51)
Simocheilus multiflorus Klotzsch var. *atherstonei* N.E.Br. (51)
Simocheilus multiflorus Klotzsch var. *multiflorus*, not *E. multiflora* L. (51)
- Simocheilus pubescens* Klotzsch, not *E. pubescens* L. (51)
Perennial. Shrub. Ht up to 1.5 m. WC, EC
- umbelliflora** Klotzsch ex Benth.
E. ionii H.A.Baker (33)
E. manifesta Compton var. *campanulata* Dulfer (60)
E. manifesta Compton var. *manifesta* (33)
E. media Klotzsch ex Benth. (60)
Perennial. Dwarf shrub. Ht up to 0.3 m. WC, EC
- umbonata** Compton = **E. glandulipila**
- umbratica** E.G.H.Oliv. & I.M.Oliv. (59)
Perennial. Shrub. Ht up to 0.05 m. WC
- umbrosa** H.A.Baker = **E. armata** var. **armata**
- unicolor** J.C.Wendl. = **E. viridescens** var. **viridescens**
- unilateralis** Klotzsch ex Benth.
Perennial. Shrub. Ht up to 0.6 m. EC
- urceolata** (Klotzsch) E.G.H.Oliv.
Scyphogyne burchellii N.E.Br. (51)
Scyphogyne puberula (Klotzsch) Benth. (51)
Scyphogyne trimera N.E.Br. (51)
Scyphogyne urceolata (Klotzsch) Benth. (51)
Tristemon puberula Klotzsch (51)
Tristemon urceolatus Klotzsch (51)
Perennial. Shrub. Ht 0.3–2 m. WC
- urna-viridis** Bolus
Perennial. Shrub. Ht up to 1.8 m. WC
- ustulescens** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- utriculosa** L. Bolus
Perennial. Dwarf shrub. Ht up to 0.1 m. WC
- uysii** H.A.Baker (14)
Perennial. Shrub. Ht up to 1.5 m. WC
- valida** H.A.Baker (10)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- vallis-araneorum** E.G.H.Oliv. (17)
Perennial. Shrub. Ht up to 0.6 m. WC
- vallis-fluminis** E.G.H.Oliv. (51)
Perennial. Shrub. Ht up to 0.5 m. WC
- vallis-gratiae** Guthrie & Bolus
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- vanheurckii** Müll.Arg.
Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- varderi** L. Bolus
Perennial. Shrub. Ht up to 0.3 m. EC
- velatiflora** E.G.H.Oliv.
Eremia brevifolia Benth., not *E. brevifolia* Sol. ex Salisb. (51)
Perennial. Shrub. Ht up to 0.8 m. WC
- velitaris** Salisb. var. **hemisphaerica** Bolus
Perennial. Shrub. Ht? WC
- velitaris** Salisb. var. **parvibracteata** L. Bolus
Perennial. Shrub. Ht? WC
- velitaris** Salisb. var. **velitaris**
Perennial. Shrub. Ht up to 0.6 m. WC
- ventricosa** Thunb. var. **meyeriana** Dulfer
Perennial. Shrub. Ht? WC
- ventricosa** Thunb. var. **ventricosa**
Perennial. Dwarf shrub, shrub. Ht up to 0.5(–1) m. WC
- venustiflora** E.G.H.Oliv. subsp. **glandulosa** E.G.H.Oliv. (51)
Perennial. Dwarf shrub. Ht up to 0.2 m. WC

- venustiflora** E.G.H.Oliv. subsp. **venustiflora**
Syndesmanthus venustus N.E.Br., not *E. venusta* Salisb. (51)
Perennial. Dwarf shrub. Ht up to 0.2 m. WC
- verecunda** Salisb.
Perennial. Shrub. Ht up to 1.5 m. NC, WC
- vernica** E.G.H.Oliv. (51)
Perennial. Dwarf shrub. Ht up to 0.2 m. WC
- versicolor** Andrews. var. **ciliata** J.C.Wendl.
Perennial. Shrub. Ht? WC
- versicolor** Andrews var. **longiflora** Andrews
Perennial. Shrub. Ht? WC
- versicolor** Andrews var. **monticola** Bolus
Perennial. Shrub. Ht? WC
- versicolor** Andrews var. **versicolor**
Perennial. Shrub. Ht up to 2 m. WC
- verticillata** P.J.Bergius
Perennial. Shrub. Ht up to 1.8 m. WC
- vestiflua** Salisb. = **E. melastoma** subsp. **melastoma**
- vestita** Thunb.
E. longifolia Bauer var. *amplicata* Bolus (58)
E. longifolia Bauer var. *maritima* Bolus (58)
E. vestita Thunb. var. *fulgida* Andrews (58)
Perennial. Shrub. Ht up to 1 m. WC
- vestita* Thunb. var. *fulgida* Andrews = **E. vestita**
- villosa** J.C.Wendl.
Perennial. Dwarf shrub. Ht up to 0.4 m. WC
- viminalis** E.G.H.Oliv. = **E. salicina** (60)
- ×**vinacea** L.Bolus = natural hybrid (26)
- virginalis** Klotzsch ex Benth.
Perennial. Dwarf shrub. Ht up to 0.25 m. WC
- viridescens** Lodd. var. *latituba* (L.Bolus) Dulfer = **E. curviflora**
- viridescens** Lodd. var. **viridescens**
E. unicolor J.C.Wendl. (4)
Perennial. Shrub. Ht up to 1.5 m. WC
- viridiflora** Andrews subsp. **primulina** (Bolus) E.G.H.Oliv. & I.M.Oliv.
E. primulina Bolus (58)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC, EC
- viridiflora** Andrews subsp. **redacta** E.G.H.Oliv. & I.M.Oliv. (58)
Perennial. Dwarf shrub. Ht up to 0.2 m. WC
- viridiflora** Andrews subsp. **viridiflora** (58)
Perennial. Shrub. Ht up to 1 m. WC
- viridipurpurea** L. = **E. mauritanica**
- viridis** Andrews = **E. viscaria** L. subsp. **macrosepala**
- viscaria** L. subsp. **gallorum** (L.Bolus) E.G.H.Oliv. & I.M.Oliv.
E. coccinea P.J.Bergius var. *echiiflora* (Andrews) Benth. (58)
E. echiiflora Andrews (58)
E. echiiflora Andrews var. *purpurea* Andrews (58)
E. gallorum L.Bolus (58)
E. viscaria L. var. *hispidula* Bolus (58)
Perennial. Shrub. Ht up to 0.6 m. WC
- viscaria** L. subsp. **longifolia** (Bauer) E.G.H.Oliv. & I.M.Oliv.
E. longifolia Bauer var. *longifolia* (58)
E. longifolia Bauer var. *squarrosa* Bolus (58)
E. longifolia Bauer var. *stricta* Dulfer (58)
Perennial. Shrub. Ht up to 1 m. WC
- viscaria** L. subsp. **macrosepala** E.G.H.Oliv. & I.M.Oliv.
E. longifolia Bauer var. *viridis* (Andrews) Bolus (58)
E. onosmiflora Salisb. (58)
E. viridis Andrews (58)
Perennial. Shrub. Ht up to 1 m. WC
- viscaria** L. subsp. **pendula** E.G.H.Oliv. & I.M.Oliv. (58)
Perennial. Shrub. Ht up to 1 m. WC
- viscaria** L. subsp. **pustulata** (H.A.Baker) E.G.H.Oliv. & I.M.Oliv.
E. longifolia Bauer var. *breviflora* Dulfer (58)
E. patersonii L.Bolus, not *E. patersonii* Andrews (58)
E. pustulata H.A.Baker (58)
Perennial. Shrub. Ht up to 0.6 m. WC
- viscaria** L. subsp. **viscaria**
E. decora Andrews (58)
E. viscaria L. var. *decora* Andrews (58)
E. viscaria L. var. *viscaria* (58)
Perennial. Shrub. Ht up to 1 m. WC
- viscaria** L. var. *decora* Andrews = **E. viscaria** subsp. **viscaria**
- viscaria** L. var. *hispidula* Bolus = **E. viscaria** subsp. **gallorum**
- viscaria** L. var. *viscaria* = **E. viscaria** subsp. **viscaria**
- viscidiflora** Esterh.
E. calycina L. var. *viscidiflora* (Esterh.) Dulfer (4)
Perennial. Shrub. Ht up to 0.5 m. WC
- viscidula** L.Bolus = **E. hispidula** var. **viscidula**
- viscosissima** E.G.H.Oliv.
Syndesmanthus viscosus (Bolus) N.E.Br., not *E. viscosa* Steud. (51)
Perennial. Shrub. Ht up to 0.5 m. WC
- vlokii** E.G.H.Oliv. (51)
Perennial. Shrub. Ht up to 1.5 m. WC
- vogelpoelii** H.A.Baker (14)
Perennial. Shrub. Ht up to 1 m. WC
- walkeria** Andrews var. **praestans** (Andrews) Bolus
Perennial. Dwarf shrub. Ht? WC
- walkeria** Andrews var. **walkeria**
Perennial. Shrub. Ht up to 1 m. WC
- wendlandiana** Klotzsch
E. xerophila Bolus (60)
Perennial. Shrub. Ht up to 1.5 m. WC
- westii** L.Bolus = **E. straussiana**
- williamsiorum** E.G.H.Oliv. (51)
Perennial. Shrub. Ht up to 1.5 m. WC
- winteri** H.A.Baker (18)
Perennial. Dwarf shrub. Ht up to 0.5 m. WC
- wittebergensis** Dulfer (3)
Perennial. Dwarf shrub. Ht up to 0.2 m. WC
- woodii** Bolus var. **woodii**
E. woodii Bolus var. *rhodesiaca* (Alm & Fr.) Dulfer (22)
Perennial. Dwarf shrub. Ht up to 0.5 m. NW, G, M, S, FS, KZN, L, EC
- woodii** Bolus var. **robusta** Dulfer
Perennial. Dwarf shrub. Ht? LIM
- wyliei** Bolus
Perennial. Dwarf shrub. Ht up to 0.15 m. KZN
- xanthina** Guthrie & Bolus
E. parvulisepala H.A.Baker (38, 52)
Perennial. Shrub. Ht up to 1.5 m. WC
- xeranthemifolia** Salisb.
Acrostemon xeranthemifolius (Salisb.) E.G.H.Oliv. (51)
Eremia lanata (Klotzsch) Benth. (51)
Hexastemon lanatus Klotzsch (51)

Perennial. Dwarf shrub. Ht up to 0.25 m. WC

xerophila Bolus = **E. wendlandiana**

zebrensis Compton

Perennial. Shrub. Ht up to 0.6 m. WC

zeyheriana (Klotzsch) E.G.H.Oliv.

Coilostigma dregeanum Klotzsch (51)

Coilostigma tenuifolium Klotzsch (51)

Coilostigma zeyherianum Klotzsch var. *tenuifolium* (Klotzsch) E.G.H.Oliv. (51)

Coilostigma zeyherianum Klotzsch var. *zeyherianum* (51)

Perennial. Shrub. Ht up to 1 m. EC

zitzikammensis Dulfer var. **glutinosa** Dulfer

Perennial. Shrub. Ht? WC, EC

zitzikammensis Dulfer var. **zitzikammensis**

Perennial. Shrub. Ht up to 0.3 m. WC, EC

zwartbergensis Bolus

Perennial. Shrub. Ht up to 1 m. WC

ERICINELLA Klotzsch 6241000

hillburtii E.G.H.Oliv. = **Erica hillburtii**

multiflora Klotzsch = **Erica amatolensis**

passerinoides Bolus = **Erica passerinoides**

GRISEBACHIA Klotzsch 6243020

alba N.E.Br. = **Erica plumosa**

apiculata N.E.Br. = **Erica plumosa**

bolusii N.E.Br. = **Erica plumosa**

ciliaris (L.f.) Klotzsch subsp. *bolusii* (N.E.Br.) E.G.H.Oliv. = **Erica plumosa**

ciliaris (L.f.) Klotzsch subsp. *ciliaris* = **Erica plumosa**

ciliaris (L.f.) Klotzsch subsp. *ciliciflora* (Salisb.) E.G.H.Oliv. = **Erica plumosa**

ciliaris (L.f.) Klotzsch subsp. *involuta* (Klotzsch) E.G.H.Oliv. = **Erica plumosa**

ciliaris (L.f.) Klotzsch subsp. *multiglandulosa* E.G.H.Oliv. = **Erica plumosa**

dregeana Benth. = **Erica plumosa**

eremioides MacOwan = **Erica eremioides** subsp. **eremioides**

eremioides MacOwan var. *eglandula* N.E.Br. = **Erica eremioides** subsp. **eglandula**

eremioides MacOwan var. *pubicalyx* N.E.Br. = **Erica eremioides** subsp. **eremioides**

hirta Klotzsch = **Erica plumosa**

hispida Klotzsch = **Erica plumosa**

incana (Bartl.) Klotzsch = **Erica plumosa**

involuta Klotzsch = **Erica plumosa**

minutiflora N.E.Br. subsp. *minutiflora* = **Erica caprina**

minutiflora N.E.Br. subsp. *nodiflora* (N.E.Br.) E.G.H.Oliv. = **Erica caprina**

nivenii N.E.Br. = **Erica plumosa**

parviflora (Klotzsch) Druce subsp. *eglandula* (N.E.Br.) E.G.H.Oliv. = **Erica eremioides** subsp. **eglandula**

parviflora (Klotzsch) Druce subsp. *parviflora* = **Erica eremioides** subsp. **eremioides**

parviflora (Klotzsch) Druce subsp. *pubescens* E.G.H.Oliv. = **Erica eremioides** subsp. **pubescens**

pentheri Zahlbr. = **Erica plumosa**

pilifolia N.E.Br. = **Erica plumosa**

plumosa Klotzsch var. *scabra* N.E.Br. = **Erica plumosa**

plumosa Klotzsch var. *serrulata* (Benth.) N.E.Br. = **Erica plumosa**

plumosa (Thunb.) Klotzsch subsp. *eciliata* E.G.H.Oliv. = **Erica plumosa**

plumosa (Thunb.) Klotzsch subsp. *hirta* (Klotzsch) E.G.H.Oliv. = **Erica plumosa**

plumosa (Thunb.) Klotzsch subsp. *hispida* (Klotzsch) E.G.H.Oliv. = **Erica plumosa**

plumosa (Thunb.) Klotzsch subsp. *irrorata* E.G.H.Oliv. = **Erica plumosa**

plumosa (Thunb.) Klotzsch subsp. *pentheri* (Klotzsch) E.G.H.Oliv. = **Erica plumosa**

plumosa (Thunb.) Klotzsch subsp. *plumosa* = **Erica plumosa**

rigida N.E.Br. = **Erica plumosa**

secundiflora E.G.H.Oliv. = **Erica lateriflora**

serrulata Benth. = **Erica plumosa**

similis N.E.Br. = **Erica eremioides** subsp. **eremioides**

solivaga N.E.Br. = **Erica plumosa**

thunbergii Rach = **Erica plumosa**

velleriflora Klotzsch = **Erica plumosa**

zeyheriana Klotzsch = **Erica plumosa**

HEXASTEMON Klotzsch 6243060

lanatus Klotzsch = **Erica xeranthemifolia**

LAGENOCARPUS Klotzsch 6248030

ciliatus (Benth.) N.E.Br. = **Erica serrata**

imbricatus Klotzsch = **Erica serrata**

tenuis Benth. = **Erica miniscula**

LEPTERICA N.E.Br. 6245020

tenuis (Benth.) N.E.Br. = **Erica miniscula**

NAGELOCARPUS Bullock 6248020

ciliatus (Benth.) Bullock = **Erica serrata**

serratus (Thunb.) Bullock = **Erica serrata**

OMPHALOCARYON Klotzsch 6248040

capitatum Klotzsch = **Erica phacelanthera**

glandulosum Klotzsch = **Erica eglandulosa**

muscosum (Aiton) Klotzsch = **Erica muscosa**

muscosum (Aiton) Klotzsch var. *glabrum* Klotzsch = **Erica muscosa**

PACHYCALYX Klotzsch 6244050

inaequalis Klotzsch = **Erica inaequalis**

PHILIPPIA Klotzsch 6240000

absinthoides (Thunb.) E.G.H.Oliv. = **Erica tristis**

alticola E.G.H.Oliv. = **Erica altiphila**

chamissonis Klotzsch = **Erica tristis**

drakensbergensis E.G.H.Oliv. = **Erica dracomontana**

- elsieana* E.G.H.Oliv. = **Erica elsieana**
esterhuyseniae E.G.H.Oliv. subsp. *esterhuyseniae* = **Erica esteriana** subsp. *esteriana*
esterhuyseniae E.G.H.Oliv. subsp. *swartbergensis* E.G.H.Oliv. = **Erica esteriana** subsp. *swartbergensis*
evansii N.E.Br. = **Erica evansii**
irrorata E.G.H.Oliv. = **Erica madida**
leeana Klotzsch = **Erica exleeana**
notholeeana E.G.H.Oliv. = **Erica notholeeana**
pallida L.Guthrie = **Erica peltata**
petrophila E.G.H.Oliv. = **Erica petricola**
procaviana E.G.H.Oliv. = **Erica procaviana**
simii S.Moore = **Erica simii**
stokoei L.Guthrie = **Erica lasciva**
tristis Bolus = **Erica caespitosa**
- PLATYCALYX** N.E.Br. 6243010
pumila N.E.Br. = **Erica platycalyx**
- SALAXIS** Salisb. 6248000
artemisioides Klotzsch = **Erica artemisioides**
axillaris (Thunb.) G.Don = **Erica axillaris**
ciliata Benth. = **Erica serrata**
flexuosa Klotzsch = **Erica axillaris**
flexuosa Klotzsch var. *cognata* N.E.Br. = **Erica axillaris**
hexandra Klotzsch in part = **Erica axillaris**
hexandra Klotzsch in part = **Erica subcapitata**
major N.E.Br. = **Erica axillaris**
micrantha Benth. = **Erica artemisioides**
octandra Klotzsch = **Erica axillaris**
octandra Klotzsch var. *artemisioides* (Klotzsch) N.E.Br. = **Erica artemisioides**
puberula Klotzsch = **Erica axillaris**
pumila N.E.Br. = **Erica bredasiana**
rugosa (Klotzsch) Benth. = **Erica rugata**
sieberi Benth. = **Erica axillaris**
triflora Compton = **Erica terniflora**
- SCYPHOGYNE** Brongn. 6246020
biconvexa N.E.Br. = **Erica rigidula**
brevifolia Benth = **Erica phacelantha**
brownii Compton = **Erica rigidula**
burchellii N.E.Br. = **Erica urceolata**
calcicola E.G.H.Oliv. = **Erica calcicola**
capitata (Klotzsch) Benth. var. *brevifolia* (Benth.) N.E.Br. = **Erica phacelantha**
capitata (Klotzsch) Benth. var. *capitata* = **Erica phacelantha**
divaricata (Klotzsch) Benth. = **Erica rigidula**
eglandulosa (Klotzsch) Benth. = **Erica eglandulosa**
fasciculata Benth. = **Erica eglandulosa**
glandulifera N.E.Br. = **Erica rigidula**
inconspicua Decne. var. *ciliata* N.E.Br. = **Erica muscosa**
inconspicua Decne. var. *glabriflora* N.E.Br. = **Erica muscosa**
inconspicua Decne. var. *inconspicua* = **Erica muscosa**
inconspicua Decne. var. *pubescens* N.E.Br. = **Erica muscosa**
inconspicua Decne. var. *vestita* N.E.Br. = **Erica muscosa**
longistyla N.E.Br. = **Erica rigidula**
micrantha (Benth.) N.E.Br. = **Erica artemisioides**
muscosa (Aiton) Druce = **Erica muscosa**
orientalis E.G.H.Oliv. = **Erica melanomontana**
puberula (Klotzsch) Benth. = **Erica urceolata**
remota N.E.Br. = **Erica remota**
rigidula N.E.Br. = **Erica rigidula**
rigidula N.E.Br. var. *breviciliata* N.E.Br. = **Erica rigidula**
schlechteri N.E.Br. = **Erica muscosa**
tenuis (Benth.) E.G.H.Oliv. = **Erica miniscula**
trimera N.E.Br. = **Erica urceolata**
urceolata (Klotzsch) Benth. = **Erica urceolata**
viscida N.E.Br. = **Erica phacelantha**
- SIMOCHEILUS** Klotzsch 6244000
acutangulus N.E.Br. = **Erica glabella** subsp. *laevis*
albirameus N.E.Br. = **Erica inaequalis**
barbiger Klotzsch, = **Erica uberiflora**
bicolor (Klotzsch) Benth. = **Erica inaequalis**
carneus Klotzsch, not of *E. carnea* L. = **Erica uberiflora**
consors N.E.Br. = **Erica globiceps** subsp. *consors*
depressus (Licht. ex Roem. & Schult.) Benth. var. *depressus* = **Erica glabella** subsp. *glabella*
depressus (Licht. ex Roem. & Schult.) Benth. var. *patens* N.E.Br. = **Erica glabella** subsp. *glabella*
dispar N.E.Br. = **Erica dispar**
ecklonianus Benth., illegitimate name = **Erica inaequalis**
fourcadei (L.Guthrie) E.G.H.Oliv = **Erica angulosa**
glabellus (Thunb.) Benth. = **Erica glabella** subsp. *glabella*
glaber (Thunb.) Benth = **Erica inaequalis**
globiferus N.E.Br. = **Erica glabella** subsp. *laevis*
hirsutus Benth. = **Erica glabella** subsp. *laevis*
hirtus (Klotzsch) E.G.H.Oliv. = **Erica glabella** subsp. *laevis*
hispidus (Klotzsch) Benth. = **Erica inaequalis**
klotzschianus Benth. var. *glabrifolius* N.E.Br. = **Erica inaequalis**
klotzschianus Benth. var. *klotzschianus* = **Erica inaequalis**
multiflorus Klotzsch var. *atherstonei* N.E.Br. = **Erica uberiflora**
multiflorus Klotzsch var. *multiflorus* = **Erica uberiflora**
oblongus Benth = **Erica dregei**
patulus N.E.Br. = **Erica glabella** subsp. *laevis*
piquetbergensis N.E.Br. = **Erica piquetbergensis**
puberulus (Klotzsch) E.G.H.Oliv. = **Erica inaequalis**

- pubescens* Klotzsch = **Erica uberiflora**
purpureus (P.J.Bergius) Druce = **Erica glabella** subsp. **glabella**
quadrisulcus N.E.Br., name rejected = **Erica phaeocarpa**
submuticus Benth. = **Erica glabella** subsp. **laevis**
subrigidus N.E.Br. = **Erica glabella** subsp. **laevis**
- STOKOEANTHUS** E.G.H.Oliv. 6242010
chionophilus E.G.H.Oliv. = **Erica stokoeanthus**
- SYMPIEZA** Licht. ex Roem. & Schult. 6245000
articulata in sense of N.E.Br. var. *articulata* = **Erica labialis**
articulata in sense of N.E.Br. var. *hians* N.E.Br. = **Erica labialis**
brachyphylla Benth. = **Erica labialis**
breviflora N.E.Br. = **Erica labialis**
capitellata Licht. ex Roem. & Schult. var. *angustata* N.E.Br. = **Erica labialis**
capitellata Licht. ex Roem. & Schult. var. *capitellata* = **Erica labialis**
capitellata Licht. ex Roem. & Schult. var. *crassistigma* N.E.Br. = **Erica labialis**
eckloniana Klotzsch = **Erica ecklonii**
gracilis (Bartl.) E.G.H.Oliv. = **Erica benthamiana**
labialis (Salisb.) Druce = **Erica labialis**
pallescens N.E.Br. = **Erica labialis**
tenuiflora Benth. = **Erica labialis**
vestita N.E.Br. = **Erica labialis**
- SYNDESMANTHUS** Klotzsch 6244010
articulatus (L.) Klotzsch var. *articulatus* = **Erica similis**
articulatus (L.) Klotzsch var. *fasciculatus* N.E.Br. = **Erica similis**
articulatus (L.) Klotzsch var. *hirtus* Benth. = **Erica similis**
breviflorus N.E.Br. = **Erica brownii**
ciliatus (Klotzsch) Benth. = **Erica paucifolia** subsp. **ciliata**
elimensis N.E.Br. var. *elimensis* = **Erica similis**
elimensis N.E.Br. var. *incertus* N.E.Br. = **Erica similis**
erinus (Klotzsch ex Benth.) N.E.Br. var. *erinus* = **Erica erina**
erinus (Klotzsch ex Benth.) N.E.Br. var. *validus* N.E.Br. = **Erica erina**
fasciculatus Klotzsch = **Erica similis**
- globiceps* N.E.Br. = **Erica globiceps** subsp. **globiceps**
gracilis (Benth.) N.E.Br. = **Erica globiceps** subsp. **gracilis**
nivenii N.E.Br. = **Erica niveniana**
paucifolius (J.C.Wendl.) Benth. = **Erica paucifolia** subsp. **paucifolia**
pulchellus N.E.Br. = **Erica pulchelliflora**
pumilus N.E.Br. = **Erica innovans**
scaber Klotzsch = **Erica similis**
schlechteri N.E.Br. = **Erica agglutinans**
similis N.E.Br. = **Erica similis**
squarrosus Benth. = **Erica paucifolia** subsp. **squarrosa**
sympeizoides N.E.Br. = **Erica globiceps** subsp. **globiceps**
venustus N.E.Br. = **Erica venustiflora** subsp. **venustiflora**
viscosus (Bolus) N.E.Br. = **Erica viscosissima**
zeyheri Bolus = **Erica globiceps** subsp. **globiceps**
- THAMNIUM** Klotzsch 6237030
puberulum Klotzsch = **Erica puberuliflora**
- THAMNUS** Klotzsch 6246010
multiflorus Klotzsch = **Erica thamnoides**
- THORACOSPERMA** Klotzsch 6244030
bondiae Compton = **Erica rosacea** subsp. **rosacea**
fourcadei Compton = **Erica rosacea** subsp. **rosacea**
galpinii N.E.Br. = **Erica rosacea** subsp. **rosacea**
interruptum N.E.Br. = **Erica interrupta**
marlothii N.E.Br. = **Erica rosacea** subsp. **glabrata**
muirii L.Guthrie = **Erica radicans** subsp. **radicans**
nanum N.E.Br. = **Erica bolusanthus**
paniculatum (Thunb.) Klotzsch = **Erica quadrifida**
puberulum (Klotzsch) N.E.Br. = **Erica puberuliflora**
radicans L.Guthrie = **Erica radicans** subsp. **radicans**
rosaceum L.Guthrie = **Erica rosacea** subsp. **rosacea**
viscidum L.Guthrie = **Erica interrupta**
- TRISTEMON** Klotzsch 6248050
puberula Klotzsch = **Erica urceolata**
urceolatus Klotzsch = **Erica urceolata**
- VACCINIUM** L. 6216000
 (1) Verdoorn. 1954. *Journal of South African Botany* 20: 92.
exul Bolus
 Perennial. Tree, shrub. Ht 0.9–4 m. M, S

ERYTHROXYLACEAE

Compiled by M. Jordaan

ERYTHROXYLUM P.Browne 3956000

- (1) Sonder. 1860. *FC* 1: 233, 234.
 (2) Robson. 1963. *FZ* 2: 102–109.
 (3) Robson & Gonçalves. 1969. *Flora de Moçambique* 31: 2–9.

- brownianum* Burt Davy = **E. delagoense**
caffrum Sond. = **E. emarginatum**
capense (Bolus) Stapf = **Nectaropetalum capense**

delagoense Schinz*E. brownianum* Burttt Davy (2)Perennial. Tree or shrub. Ht 1–6 m. Alt 13–1480 m.
LIM, M, S, KZN**emarginatum** Thonn.*E. caffrum* Sond. (2)Perennial. Tree or shrub. Ht 1.5–9 m. Alt 5–1800 m.
LIM, M, S, KZN, EC**pictum** E.Mey. ex Sond.Perennial. Tree or shrub. Ht 2–18 m. Alt 5–300 m.
KZN, EC**zambesiicum** N.RobsonPerennial. Tree or shrub. Ht 3–7 m. Alt 300–915 m. N, B
zuluense Schönland = **Nectaropetalum zuluense****NECTAROPETALUM** Engl. 3956010(1) Stapf & Boodle. 1909. *Kew Bulletin* 1909: 188–191.(2) Corbishley. 1919. *Kew Bulletin* 1919: 449, 450.**capense** (Bolus) Stapf & Boodle*Erythroxyllum capense* (Bolus) Stapf (1)

Perennial. Tree. Ht 3–15 m. Alt 10–200 m. KZN, EC

zuluense (Schönland) Corbishley*Erythroxyllum zuluense* Schönland (2)

Perennial. Tree. Ht 2–12 m. Alt 155–460 m. KZN

ESCALLONIACEAE

Compiled by M. Jordaan

CHORISTYLIS Harv.

3241000

(1) Harvey. 1862. *FC* 2: 305–309.(2) Verdcourt. 1973. *FTEA* Escalloniaceae: 1–3.**rhamnoides** Harv.*Baeobotrys rufescens* E.Mey. (1)*Maesa palustris* Hochst. (1)Perennial. Tree, shrub or climber. Ht 3–4 m. Alt 460–
1980 m. LIM, M, S, KZN, EC

EUPHORBIACEAE

Compiled by R.H. Archer

Note: RbcL gene sequence data suggest that several families, e.g. Euphorbiaceae, Phyllanthaceae and Picrodendraceae, belong in ± two unrelated clades.

ACALYPHA L.

4407000

(1) Prain. 1920. *FC* 5,2: 466–484.(2) Pax. 1923. *Das Pflanzenreich* 85: 1–231.(3) Meyer. 1967. *FSWA* 67: 1–46.(4) Radcliffe-Smith. 1987. *FTEA* Euphorbiaceae: 185–213.(5) Radcliffe-Smith. 1989. *Kew Bulletin*. 44: 439–447.(6) Radcliffe-Smith. 1996. *FZ* 9,4: 182–210.

(7) Retief. Personal communication.

allenii Hutch.Perennial. Dwarf shrub, herb. Ht 0.15–0.5(–0.9) m. Alt
± 750 m. B**ambigua** PaxPerennial. Dwarf shrub, herb. Ht 0.1–0.5 m. Alt 1200–
1400 m. N**angustata** Sond.*A. angustata* Sond. var. *glabra* Sond. (2)Perennial. Dwarf shrub, herb. Ht 0.1–0.9 m. Alt 70–
2080 m. LIM, NW, G, M, S, FS, KZN, EC*angustata* Sond. var. *glabra* Sond. = **A. angustata****capensis** (L.f.) Prain & Hutch.*A. decumbens* Thunb. (2)*A. decumbens* Thunb. var. *villosa* (Thunb.) Müll.Arg. (2)

Perennial. Shrub. Ht 0.5–3 m. Alt 5–305 m. WC, EC

caperonioides Baill.Perennial. Dwarf shrub, herb. Ht 0.1–0.4 m. Alt 455–
2550 m. LIM, NW, G, M, S, FS, KZN*chrysadenia* Suess. & Friedrich = **A. fruticosa** var. **fruticosa****ciliata** Forssk.Annual. Herb. Ht 0.4–1.3 m. Alt 520–960 m. N, B,
LIM**crenata** Hochst. ex A.Rich.Perennial, annual. Herb, dwarf shrub. Ht 0.2–1.2 m.
Alt ± 1060 m. B**decumbens** Thunb. = **A. capensis***decumbens* Thunb. var. *villosa* (Thunb.) Müll.Arg. = **A. capensis****depressinerva** (Kuntze) K.Schum.*A. schinzii* Pax (2)Perennial. Dwarf shrub, herb. Ht 0.1–0.35 m. Alt 460–
1920 m. LIM, G, M, S, FS, KZN, EC**ecklonii** Baill.Annual. Herb. Ht 0.2–0.5 m. Alt 5–1524 m. KZN,
WC, EC*entumenica* Prain = **A. glandulifolia****fimbriata** Schumach. & Thonn.Annual, perennial. Herb. Ht 0.1–1.3 m. Alt 700–1370
m. N, LIM**fruticosa** Forssk. var. **fruticosa***A. chrysadenia* Suess. & Friedrich (3)Perennial. Shrub, dwarf shrub. Ht 0.1–2 m. Alt 275–
1350 m. N**glabrata** Thunb. var. **glabrata***A. glabrata* Thunb. var. *latifolia* Müll.Arg. (2)Perennial. Tree, shrub. Ht 0.5–5 m. Alt 5–1400 m.
LIM, NW, G, M, S, KZN, EC*glabrata* Thunb. var. *latifolia* Müll.Arg. = **A. glabrata** var.
glabrata**glabrata** Thunb. var. **pilosa** Pax*A. glabrata* Thunb. var. *pilosior* (Kuntze) Prain (6)

Perennial. Tree, shrub. Ht 0.6–6 m. Alt 305–1525 m.
B, LIM, NW, G, M, KZN, EC

glabrata Thunb. var. *pilosior* (Kuntze) Prain = **A. glabrata**
var. **pilosa**

glandulifolia Buchinger ex Meisn.

A. entumenica Prain (7)

Perennial. Dwarf shrub, herb. Ht 0.1–0.23 m. Alt 120–
1675 m. M, S, KZN

indica L.

Annual, perennial. Shrub, dwarf shrub, herb. Ht 0.2–
1.2 m. Alt 60–1160 m. N, B, LIM, NW, G, M, S,
KZN, NW, EC

moggii Compton = **A. ornata**

ornata Hochst. ex A. Rich.

A. moggii Compton (5)

Perennial. Shrub, dwarf shrub. Ht ± 2.5 m. Alt 765–
1920 m. N, B, M, S

peduncularis E. Mey. ex Meisn.

A. zeyheri Baill. (1)

Perennial. Dwarf shrub, herb. Ht 0.08–0.45 m. Alt 30–
2000 m. LIM, G, M, S, FS, KZN, L, EC

petiolaris Hochst. = **A. villicaulis**

pubiflora Baill. subsp. **pubiflora**

Perennial. Tree, shrub. Ht 1.5–3(–6) m. Alt? B, LIM

punctata Meisn. var. **punctata**

Perennial. Dwarf shrub, herb. Ht 0.1–0.9 m. Alt 10–
2000 m. M, S, KZN, L, EC

punctata Meisn. var. **rogersii** Prain

Perennial. Dwarf shrub, herb. Ht 0.1–0.9 m. Alt ?–
1500 m. M, S

schinzii Pax = **A. depressinerva**

segetalis Müll. Arg.

Perennial, annual. Dwarf shrub, herb. Ht 0.02–0.55 m.
Alt 380–1525 m. N, B, LIM, NW, FS, KZN, NC

senensis Klotzsch = **A. villicaulis**

sonderiana Müll. Arg.

Perennial. Tree, shrub. Ht 1.5–3 m. Alt 3–460 m. KZN

villicaulis Hochst.

A. petiolaris Hochst. (5)

A. senensis Klotzsch (3)

Perennial. Shrub, dwarf shrub, herb. Ht 0.1–2 m. Alt
5–1636 m. N, B, LIM, NW, G, M, S, KZN, EC

wilmsii Pax ex Prain & Hutch.

Perennial. Shrub, dwarf shrub, herb. Ht 0.06–1 m. Alt
765–2150 m. LIM, M, S, FS, KZN, L, EC

zeyheri Baill. = **A. peduncularis**

ADENOCLINE Turcz. 4370000

(1) Pax. 1914. *Das Pflanzenreich* 63: 409–413.

(2) Prain. 1920. *FC* 5,2: 488–494.

(3) Radcliffe-Smith. 1996. *FZ* 9,4: 247–249.

(4) Retief. Personal communication.

acuta (Thunb.) Baill.

A. mercurialis Turcz. (1)

Annual, occ. perennial. Herb. Ht 0.2–1 m. Alt 3–2500
m. LIM, M, S, KZN, L, WC, EC

bupleuroides (Meisn.) Prain = **A. pauciflora**

bupleuroides (Meisn.) Prain var. *peglerae* Prain = **A.**
pauciflora

humilis Prain in part = **A. pauciflora**

mercurialis Turcz. = **A. acuta**

ovalifolia Turcz. = **A. pauciflora**

ovalifolia Turcz. var. *rotundifolia* Prain = **A. pauciflora**

pauciflora Turcz.

A. bupleuroides (Meisn.) Prain (1)

A. bupleuroides (Meisn.) Prain var. *peglerae* Prain (4)

A. humilis Prain in part (1)

A. ovalifolia Turcz. (1)

A. ovalifolia Turcz. var. *rotundifolia* Prain (1)

A. serrata (Sond.) Turcz. in part (1)

A. sessiliflora Baill. (1)

A. sessilifolia Turcz. (1)

A. stricta Prain (1)

Annual, occ. perennial. Herb. Ht 0.15–0.5 m. Alt 5–
2100 m. M, FS, KZN, WC, EC

procumbens Benth. ex Pax = **A. violifolia**

serrata (Sond.) Turcz. in part = **A. pauciflora**

sessiliflora Baill. = **A. pauciflora**

sessilifolia Turcz. = **A. pauciflora**

stricta Prain = **A. pauciflora**

violifolia (Kuntze) Prain

A. procumbens Benth. ex Pax (1)

Annual. Herb. Ht up to 0.35 m. Alt 140–650 m. WC,
EC

ALCHORNEA Sw. 4388000

(1) Radcliffe-Smith. 1987. *FTEA* Euphorbiaceae 1: 251–260.

(2) Radcliffe-Smith. 1996. *FZ* 9,4: 151–156.

glabrata Müll. Arg. = **A. hirtella** forma **glabrata**

hirtella Benth. forma **glabrata** (Müll. Arg.) Pax & K. Hoffm.

A. glabrata Müll. Arg. (1)

Perennial. Tree, shrub. Ht 1–7 m. Alt 305–610 m. LIM,
M, KZN

laxiflora (Benth.) Pax & K. Hoffm.

Perennial. Tree, shrub. Ht 0.7–3(–5) m. Alt 30–576 m.
LIM, S

***ALEURITES** J.R. Forst. & G. Forst. 4428000

(1) Radcliffe-Smith. 1996. *FZ* 9,4: 299–301.

(2) Stuppy *et al.* 1999. *Blumea* 44: 73–98.

fordii Hemsl. = **Vernicia fordii**

moluccana (L.) Willd.

Perennial. Tree. Ht 9–21 m. Alt 500–915 m. M, S, KZN

montana (Lour.) Wilson = **Vernicia montana**

ANDRACHNE L. 4286000

(1) Hutchinson. 1920. *FC* 5,2: 385, 386.

(2) Radcliffe-Smith. 1996. *FZ* 9,4: 27–29.

ovalis (Sond.) Müll. Arg.

Clutia ovalis (Sond.) Scheele, not *Clutia ovalis* Sond. (1)

Phyllanthus ovalis Sond. (1)

Perennial. Tree, shrub. Ht 0.6–3(–6) m. Alt 275–1980
m. LIM, M, S, KZN, WC, EC

ANDROSTACHYS Prain 4345010

(1) Hutchinson. 1915. *FC* 5,2: 377.

(2) Airy Shaw. 1965. *Kew Bulletin* 18: 251.

(3) Radcliffe-Smith. 1996. *FZ* 9,4: 120–123.

johnsonii Prain

A. subpeltatis (Sim) E. Phillips (3)

Perennial. Tree. Ht 2–20 m. Alt 106–1066 m. LIM, M, S

subpeltatis (Sim) E. Phillips = **A. johnsonii**

ANTIDESMA L. 4327000

- (1) Ross. 1979. *The Flowering Plants of Africa* 45: t. 1795.
 (2) Léonard. 1987. *Bulletin du Jardin Botanique National de Belgique* 57: 453–460.
 (3) Radcliffe-Smith. 1996. *FZ* 9,4: 105–110.

rufescens Tul.

A. venosum of most authors, not of E.Mey. ex Tul., misapplied name (2)
 Perennial. Tree. Ht 1–7 m. Alt 700–1200 m. N, B

venosum E.Mey. ex Tul.

Perennial. Tree, shrub. Ht 0.55–8 m. Alt 7–1220 m. N, B, LIM, M, S, KZN, EC

venosum of most authors, not of E.Mey. ex Tul., misapplied name = **A. rufescens**

BRIDELIA Willd. 4345000

- (1) Léonard. 1962. *Flore du Congo et du Rwanda-Burundi* 8,1: 27–50.
 (2) Radcliffe-Smith. 1996. *FZ* 9,4: 12–27.

cathartica Bertol.f. subsp. **cathartica**

B. schlechteri Hutch. (2)
 Perennial. Tree. Ht 1–7 m. Alt 5–345 m. KZN

cathartica Bertol.f. subsp. **melanthesoides** (Baill.)

J.Léonard var. **lingelsheimii** (Gehrm.) Radcl.-Sm.
 forma **fischeri** (Pax) Radcl.-Sm.

Perennial. Tree. Ht 1–7 m. Alt 470–915 m. N, B

cathartica Bertol.f. subsp. **melanthesoides** (Baill.)

J.Léonard var. **lingelsheimii** (Gehrm.) Radcl.-Sm.
 forma **niedenzui** (Gehrm.) Radcl.-Sm.

Perennial. Tree. Ht 1–7 m. Alt 470–915 m. B

cathartica Bertol.f. subsp. **melanthesoides** (Baill.)

J.Léonard var. **melanthesoides** (Baill.) Radcl.-Sm.
 forma **melanthesoides** (Baill.) Radcl.-Sm.

Perennial. Tree. Ht 1–7 m. Alt 5–915 m. N, B, LIM, M, S, KZN

micrantha (Hochst.) Baill.

Perennial. Tree, shrub. Ht 2–20 m. Alt 300–1830 m.
 LIM, M, S, KZN, EC

mollis Hutch.

Perennial. Tree, shrub. Ht 1.5–9 m. Alt 109–1525 m.
 N, B, LIM, G, M

schlechteri Hutch. = **B. cathartica** subsp. **cathartica**

tenuifolia Müll.Arg.

Perennial. Tree, shrub. Ht 1.5–9 m. Alt 1100–1450 m. N

CAPERONIA A.St.-Hil. 4361000

- (1) Radcliffe-Smith. 1996. *FZ* 9,4: 138–140.

fistulosa Beille

Annual, occ. perennial. Herb. Ht 0.1–0.4 m. Alt 900–1030 m. N, B

stuhmannii Pax

Annual, occ. perennial. Herb. Ht 0.2–1(–1.8) m. Alt 200–1450 m. LIM, S, KZN

CAVACOA J.Léonard 4353020

- (1) Léonard. 1955. *Bulletin du Jardin Botanique de l'État Bruxelles* 25: 320–324.
 (2) Radcliffe-Smith. 1996. *FZ* 9,4: 304, 305.

aurea (Cavaco) J.Léonard

Grossera aurea Cavaco (1)
 Perennial. Tree. Ht 3–13 m. Alt 25–350 m. KZN

CEPHALOCROTON Hochst. 4439000

- (1) Radcliffe-Smith. 1973. *Kew Bulletin* 28: 123–132.
 (2) Radcliffe-Smith. 1996. *FZ* 9,4: 149–151.

depauperatus Pax & K.Hoffm. = **C. mollis**

mollis Klotzsch

C. depauperatus Pax & K.Hoffm. (1)
C. puschelii Pax (1)

Perennial. Shrub, dwarf shrub, herb. Ht 0.1–1.4(–3.6) m. Alt 25–1100 m. N, B, LIM, M, KZN

puschelii Pax = **C. mollis**

CHAMAESYCE Gray 4498010

chamaesycoides (B.Nord.) Koutnik = **Euphorbia chamaesycoides**

eylesii (Rendle) Koutnik = **Euphorbia eylesii**

glanduligera (Pax) Koutnik = **Euphorbia glanduligera**

hirta (L.) Millsp. = **Euphorbia hirta**

hypericifolia of most authors, not of Millsp. = **Euphorbia indica**

inaequilatera (Sond.) Soják = **Euphorbia inaequilatera** var. **inaequilatera**

livida (E.Mey. ex Boiss.) Koutnik = **Euphorbia livida**

mossambicensis (Klotzsch & Garcke) Koutnik = **Euphorbia mossambicensis**

neopolycnemoides (Pax & K.Hoffm.) Koutnik = **Euphorbia neopolycnemoides**

pergracilis (P.G.Mey.) Koutnik = **Euphorbia pergracilis**

prostrata (Aiton) Small = **Euphorbia prostrata**

serpens (Kunth) Small = **Euphorbia serpens**

tettensis (Klotzsch) Koutnik = **Euphorbia tettensis**

zambesiana (Benth.) Koutnik var. *zambesiana* = **Euphorbia zambesiana** var. **zambesiana**

CHROZOPHORA Neck. ex A.Juss. 4355000

- (1) Radcliffe-Smith. 1987. *FTEA* Euphorbiaceae: 160–163.
 (2) Radcliffe-Smith. 1996. *FZ* 9,4: 141–143.

plicata (Vahl) A.Juss. ex Spreng.

Annual or perennial. Herb. Ht 0.1–0.5 m. Alt ± 215 m.
 LIM

CLEISTANTHUS Hook.f. ex Planch. 4343000

- (1) Radcliffe-Smith. 1987. *FTEA* Euphorbiaceae: 130–134.
 (2) Radcliffe-Smith. 1996. *FZ* 9,4: 8–12.

holtzii Pax = **C. schlechteri** var. **schlechteri**

schlechteri (Pax) Hutch. var. **schlechteri**

C. holtzii Pax (1)
Securinea schlechteri Pax (1)

Perennial. Tree. Ht 4.5–18 m. Alt 30–120 m. LIM, M, KZN

CLUTIA L. 4448000

- (1) Pax. 1911. *Das Pflanzenreich* 47: 50–83.
 (2) Prain. 1920. *FC* 5,2: 427–456.
 (3) Meyer. 1967. *FSWA* 67: 1–46.
 (4) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 219–227.
 (5) Radcliffe-Smith. 1987. *FTEA* Euphorbiaceae: 331–340.
 (6) Hilliard & Burtt. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45: 187.
 (7) Radcliffe-Smith. 1996. *FZ* 9,4: 123–134.
 (8) Radcliffe-Smith. 1997. *Kew Bulletin* 52: 478.
 (9) Archer. Personal communication.

abyssinica Jaub. & Spach var. **abyssinica**

C. glabrescens Knauf ex Pax (7)

- Perennial. Tree, shrub. Ht 0.7–5 m. Alt 107–1525 m. KZN, EC
- affinis** Sond.
Perennial. Shrub. Ht 0.3–2.5 m. Alt 60–2135 m. LIM, G, M, S, KZN, L, WC, EC
- africana** Poir.
Perennial. Shrub. Ht 0.2–0.8 m. Alt ?–420 m. WC
- alaternoides** L. var. **alaternoides**
Perennial. Shrub, dwarf shrub. Ht 0.15–0.6 m. Alt 30–1900 m. NC, WC, EC
- alaternoides** L. var. **angustifolia** E.Mey. ex Sond.
Perennial. Shrub. Ht 1.2–3 m. Alt 549–765 m. WC
- alaternoides** L. var. **brevifolia** E.Mey. ex Sond.
Perennial. Shrub. Ht 0.2–3 m. Alt 155–1450 m. WC, EC
- alpina** Prain
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt ± 3100 m. EC
- brevifolia* Sond. = **C. polifolia**
- cordata** Bernh.
Perennial. Dwarf shrub, herb. Ht 0.2–0.75 m. Alt 75–1500 m. KZN, EC
- crassifolia* Pax = **C. thunbergii**
- daphnoides** Lam.
Perennial. Shrub. Ht 0.5–2 m. Alt 5–1890 m. WC, EC
- disceptata** Prain
Perennial. Dwarf shrub, herb. Ht 0.2–0.6 m. Alt 9–1675 m. KZN, EC
- dregeana** Scheele
Perennial. Shrub. Ht 0.2–1.5 m. Alt 365–1035 m. EC
- ericoides** Thunb. var. **ericoides**
Perennial. Dwarf shrub, herb. Ht 0.15–0.6 m. Alt 10–1680 m. WC, EC
- ericoides** Thunb. var. **pachyphylla** Prain
Perennial. Dwarf shrub, herb. Ht 0.15–0.6 m. Alt 10–1680 m. WC, EC
- ericoides** Thunb. var. **tenuis** Sond.
C. tenuifolia Willd. (2)
Perennial. Dwarf shrub, herb. Ht 0.15–0.6 m. Alt 10–1680 m. WC
- galpinii* Pax = **C. pulchella** var. **pulchella**
- glabrescens* Knauf ex Pax = **C. abyssinica** var. **abyssinica**
- govaertsii** Radcliffe-Smith.
C. vaccinioides (Pax & K.Hoffm.) Prain (8)
Perennial. Shrub. Ht 0.3–0.6 m. Alt 5–250 m. WC
- heterophylla** Thunb.
Perennial. Shrub, dwarf shrub. Ht 0.15–0.35 m. Alt 45–1524 m. EC
- hirsuta** (Sond.) Müll.Arg. var. **hirsuta**
Perennial. Shrub, dwarf shrub. Ht 0.1–1.2 m. Alt 395–2000 m. G, M, FS, KZN, L, EC
- hirsuta** (Sond.) Müll.Arg. var. **robusta** Prain
Perennial. Dwarf shrub, herb. Ht 0.2–1.5 m. Alt 100–550 m. KZN, EC
- imbricata** E.Mey. ex Sond.
Perennial. Shrub. Ht? Alt ?–520 m. NC, WC
- impedita** Prain
Perennial. Dwarf shrub. Ht ?–0.8 m. Alt ?–2135 m. EC
- katharinae** Pax
Perennial. Shrub. Ht 0.5–1.4 m. Alt 540–2670 m. KZN, L, EC
- laxa** Eckl. ex Sond.
Perennial. Shrub. Ht 0.15–0.7 m. Alt 10–2200 m. M, S, KZN, WC, EC
- marginata** E.Mey. ex Sond.
Perennial. Shrub. Ht 0.5–1.2 m. Alt 320–975 m. WC, EC
- monticola** S.Moore var. **monticola**
Perennial. Dwarf shrub, herb. Ht 0.2–0.65 m. Alt 60–1998 m. LIM, G, M, S, FS, KZN, L, EC
- nana** Prain
Perennial. Shrub, dwarf shrub. Ht 0.1–1.2 m. Alt 2000–3170 m. KZN, L, EC
- natalensis** Bernh.
Perennial. Shrub. Ht 0.4–1.5 m. Alt 518–2360 m. LIM, G, M, S, FS, KZN, L, EC
- ovalis** Sond. (Uncertain taxon)
Perennial. Dwarf shrub. Ht? Alt? WC
- ovalis* (Sond.) Scheele, not *Clutia ovalis* Sond. = **Andrachne ovalis**
- platyphylla** Pax & K.Hoffm.
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt ± 835 m. EC
- polifolia** Jacq.
C. brevifolia Sond. (1)
Perennial. Shrub. Ht 0.2–1.2 m. Alt 30–1845 m. NC, WC, EC
- polygonoides** L.
Perennial. Dwarf shrub, herb. Ht 0.2–0.6 m. Alt 140–1675 m. WC
- pterogona** Müll.Arg.
Perennial. Shrub. Ht 0.3–1.3 m. Alt 125–819 m. WC
- pubescens** Thunb.
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 150–730 m. WC, EC
- pulchella** L. var. **franksiae** Prain
Perennial. Dwarf shrub. Ht 0.5–2.5 m. Alt 50–500 m. KZN
- pulchella** L. var. **obtusata** Sond.
Perennial. Shrub. Ht 0.5–2 m. Alt ?–1677 m. B, G, FS, KZN, L, EC
- pulchella** L. var. **pulchella**
C. galpinii Pax (5, 9)
Perennial. Shrub, dwarf shrub, herb. Ht 0.01–2.5 m. Alt 5–2090 m. B, LIM, G, M, S, FS, KZN, L, WC, EC
- rubricaulis** Eckl. ex Sond.
C. rubricaulis Eckl. ex Sond. var. *grandifolia* Prain (9)
C. rubricaulis Eckl. ex Sond. var. *microphylla* Prain (9)
C. rubricaulis Eckl. ex Sond. var. *tenuifolia* Prain (9)
Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 15–2315 m. WC, EC
- rubricaulis* Eckl. ex Sond. var. *grandifolia* Prain = **C. rubricaulis**
- rubricaulis* Eckl. ex Sond. var. *microphylla* Prain = **C. rubricaulis**
- rubricaulis* Eckl. ex Sond. var. *tenuifolia* Prain = **C. rubricaulis**

sericea Müll.Arg.

Perennial. Dwarf shrub. Ht 0.15–0.35 m. Alt 50–200 m. WC

tenuifolia Willd. = **C. ericoides** var. **tenuis**.

thunbergii Sond.

C. crassifolia Pax (4)

Perennial. Dwarf shrub. Ht 0.3–1.5 m. Alt 759–2116 m. N, NC, WC

tomentosa L.

Perennial. Shrub. Ht 0.3–1.2 m. Alt 45–460 m. NC, WC

vaccinioides (Pax & K.Hoffm.) Prain = **C. govaertsii**

virgata Pax & K.Hoffm.

Perennial. Dwarf shrub, herb. Ht 0.15–0.5 m. Alt 80–2075 m. M, S, KZN, EC

CROTON L.

4348000

- (1) Burtt Davy. 1932. *A manual of the flowering plants and ferns of the Transvaal with Swaziland, South Africa Part 2*: 301.
- (2) Coates Palgrave. 1977. *Trees of southern Africa*: 415–420.
- (3) Radcliffe-Smith. 1996. *FZ 9,4*: 275–293.
- (4) Radcliffe-Smith. 2001. *Genera Euphorbiacearum*: 319–323.

***bonplandianus** Baill.

Perennial. Herb. Ht 0.7–1 m. Alt ?–50 m. KZN

gratissimus Burch. var. **gratissimus**

C. microbotryus Pax (3)

C. zambesicus Müll.Arg. (3)

Perennial. Tree, shrub. Ht 1–12 m. Alt 5–1950 m. N, B, LIM, NW, G, M, S, KZN, NC

gratissimus Burch. var. **subgratissimus** (Prain) Burtt Davy

C. subgratissimus Prain (1)

Perennial. Tree, shrub. Ht 0.5–14 m. Alt 410–1525 m. N, B, LIM, NW, M

gubouga S.Moore = **C. megalobotrys**

leuconeurus Pax subsp. **leuconeurus**

Perennial. Tree, shrub. Ht 1.5–15 m. Alt ± 710 m. B

longipedicellatus J.Léonard subsp. **longipedicellatus**

Perennial. Lax tree or shrub. Ht 1.5–4.5 m. Alt ± 710 m. B

madandensis S.Moore

Perennial. Tree, shrub. Ht 1.5–4 m. Alt 197–460 m. M, S

megalobotrys Müll.Arg.

C. gubouga S.Moore (3)

Perennial. Tree. Ht 1.5–14 m. Alt 273–1310 m. N, B, LIM, M

menyharthii Pax

Perennial. Tree, shrub. Ht 0.5–4 m. Alt 30–1000 m. N, B, LIM, M, S, KZN

microbotryus Pax = **C. gratissimus** var. **gratissimus**

pseudopulchellus Pax

Perennial. Tree, shrub. Ht 0.7–3.5 m. Alt 5–1216 m. LIM, M, S, KZN

rivularis Müll.Arg.

Perennial. Shrub. Ht 0.5–1.5 m. Alt 5–1128 m. EC

steenkampianus Gerstner

Perennial. Tree, shrub. Ht 1–3.5(–7) m. Alt 90–610 m. LIM, M, KZN

subgratissimus Prain = **C. gratissimus** var. **subgratissimus**

sylvaticus Hochst.

Perennial. Tree, shrub. Ht 2–21 m. Alt 10–1980 m. LIM, M, S, KZN, EC

zambesicus Müll.Arg. = **C. gratissimus** var. **gratissimus**

CTENOMERIA Harv.

4416010

(1) Prain. 1920. *FC 5,2*: 500–502.

(2) Radcliffe-Smith 1996. *FZ 9,74*: 238.

(3) Retief. Personal communication.

capensis (Thunb.) Harv. ex Sond.

C. cordata Harv. (3)

C. schlechteri (Pax) Prain (3)

Perennial. Shrub, dwarf shrub, herb, climber. Ht 1–2 m. Alt 10–1370 m. LIM, M, S, KZN, WC, EC

cordata Harv. = **C. capensis**

schlechteri (Pax) Prain = **C. capensis**

CYCLOSTEMON Blume

4308000

argutus Müll.Arg. = **Drypetes arguta**

natalensis Harv. = **Drypetes natalensis** var. **natalensis**

DALECHAMPIA L.

4422000

(1) Prain. 1920. *FC 5,2*: 497–500.

(2) Radcliffe-Smith. 1996. *FZ 9,4*: 238–242.

capensis A.Spreng.

D. kirkii Prain (2)

Perennial. Dwarf shrub. Ht 0.4–3.5 m. Alt 15–1435 m. B?, LIM, NW, M, S, KZN, EC

galpinii Pax

Perennial. Dwarf shrub, herb, climber. Ht 0.7–2 m. Alt 45–975 m. B, LIM, NW, M, S, KZN

kirkii Prain = **D. capensis**

scandens L. var. **cordofana** (Webb) Müll.Arg.

Perennial. Dwarf shrub, herbaceous climber. Ht 0.4–3 m. Alt? N, S

scandens L. var. **natalensis** (Müll.Arg.) Pax & K.Hoffm.

D. volubilis E.Mey. ex Baill. (2)

Perennial. Dwarf shrub, herbaceous climber. Ht 1–2.5 m. Alt 3–490 m. KZN

volubilis E.Mey. ex Baill. = **D. scandens** var. **natalensis**

DISCOCARPUS Klotzsch

4292000

hirtus (L.f.) Pax & K.Hoffm. = **Lachnostylis hirta**

DRYPETES Vahl

4309000

(1) Radcliffe-Smith. 1976. *Kew Bulletin* 32: 475–479.

(2) Radcliffe-Smith. 1987. *FTEA Euphorbiaceae*: 88–101.

(3) Radcliffe-Smith. 1996. *FZ 9,4*: 87–93.

arguta (Müll.Arg.) Hutch.

Cyclostemon argutus Müll.Arg.

Perennial. Tree. Ht 1–8 m. Alt 10–700 m. S, KZN, EC

gerrardii Hutch. var. **gerrardii**

Perennial. Tree. Ht 0.2–20 m. Alt 5–1370 m. LIM, M, S, KZN, EC

gerrardii Hutch. var. **tomentosa** Radcl.-Sm.

Perennial. Tree. Ht 0.2–20 m. Alt 5–1370 m. KZN, EC

mossambicensis Hutch.

Perennial. Tree. Ht 2.5–20 m. Alt? LIM

natalensis (Harv.) Hutch. var. **natalensis**

Cyclostemon natalensis Harv. (3)

Perennial. Tree. Ht 1.5–15 m. Alt 5–90 m. KZN

reticulata Pax

Perennial. Tree. Ht 1–15 m. Alt 15–520 m. LIM, KZN

***EREMOCARPUS** Benth. 4351000

(1) Radcliffe-Smith. 2001. *Genera Euphorbiacearum*: 324, 325.

setigerus (Hook.) Benth.

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt ?–150 m.
WC

ERYTHROCOCCA Benth. 4368000

- (1) Prain. 1920. *FC* 5.2: 459, 460.
(2) Meyer. 1967. *FSWA* 67: 1–46.
(3) Radcliffe-Smith. 1989. *Kew Bulletin* 44: 450, 451.
(4) Radcliffe-Smith. 1996. *FZ* 9.4: 165–176.

berberidea Prain

Perennial. Shrub. Ht 1.2–3 m. Alt 10–765 m. KZN, EC

menyharthii (Pax) Prain

Perennial. Shrub. Ht 0.1–3 m. Alt 333–1476 m. N, B,
LIM, M, S, KZN

natalensis Prain

Perennial. Shrub. Ht 1.2–3 m. Alt 120–825 m. S, KZN

trichogyne (Müll.Arg.) Prain var. **trichogyne**

Perennial. Shrub, tree. Ht 1.2–6 m. Alt 120–825 m. B,
LIM, S

EUPHORBIA L. 4498000

- (1) Brown. 1911, 1912. *FTA* 6.1: 470–603.
(2) Brown. 1915. *FC* 5.2: 222–375.
(3) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 157.
(4) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 197.
(5) Phillips. 1926. *The Flowering Plants of South Africa* 6: tt. 209, 218.
(6) Phillips. 1928. *The Flowering Plants of South Africa* 8: tt. 285, 288, 292.
(7) Phillips. 1929. *The Flowering Plants of South Africa* 9: tt. 344, 348, 350.
(8) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 390.
(9) Phillips. 1932. *The Flowering Plants of South Africa* 12: t. 459.
(10) Schweickerdt & Letty. 1933. *The Flowering Plants of South Africa* 13: t. 486.
(11) Letty. 1934. *The Flowering Plants of South Africa* 14: t. 521.
(12) Phillips. 1934. *The Flowering Plants of South Africa* 14: tt. 522–528.
(13) Dyer. 1934. *The Flowering Plants of South Africa* 14: t. 530.
(14) Dyer. 1937. *The Flowering Plants of South Africa* 17: tt. 641–649, 660.
(15) Dyer. 1938. *The Flowering Plants of South Africa* 18: tt. 713–716.
(16) Dyer. 1939. *The Flowering Plants of South Africa* 19: t. 723.
(17) Dyer. 1940. *The Flowering Plants of South Africa* 20: tt. 772, 775, 778, 788, 789.
(18) White *et al.* 1941. *The Succulent Euphorbieae*. Vols. 1 & 2: 1–990.
(19) Dyer. 1942. *The Flowering Plants of South Africa* 22: tt. 863, 877.
(20) Dyer. 1943. *The Flowering Plants of South Africa* 23: t. 886.
(21) Dyer. 1947. *The Flowering Plants of South Africa* 26: t. 1025.
(22) Dyer. 1949. *The Flowering Plants of Africa* 27: t. 1068.
(23) Nel. 1950. *Desert Plant Life* 22: 15–16.
(24) Dyer. 1951. *The Flowering Plants of Africa* 28: t. 1095.
(25) Coetsee. 1959. *The Flowering Plants of Africa* 33: t. 1307.
(26) Meyer. 1967. *FSWA* 67: 1–46.
(27) Dyer. 1974. *The Flowering Plants of Africa* 43: t. 1687.
(28) Leach. 1976. *Dinteria* 12: 1–35.
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aequoris N.E.Br.

Perennial. Dwarf shrub, succulent. Ht 0.15–0.22 m.
Alt 366–1405 m. FS, NC, WC, EC

aeruginosa Schweick.

Perennial. Succulent shrub. Ht 0.1–0.36 m. Alt 305–
885 m. LIM

aggregata A.Berger var. **aggregata**

Perennial. Shrub, succulent. Ht 0.1–0.3 m. Alt 945–
1570 m. FS, EC

aggregata A.Berger var. **alternicolor** (N.E.Br.) A.C.

White, R.A.Dyer & B.Sloane

E. alternicolor N.E.Br. (18)

Perennial. Shrub, succulent. Ht 0.07–0.1 m. Alt ± 1500
m. EC

albanica N.E.Br.

Perennial. Herb, dwarf shrub. Ht 0.2–0.25 m. Alt ±
750 m. EC

albertensis N.E.Br.

Perennial. Dwarf shrub, succulent. Ht 0.05–0.1 m. Alt
1450–1550 m. NC

albipollinifera L.C.Leach

Perennial. Dwarf shrub, succulent. Ht 0.01–0.1 m. Alt
550–715 m. EC

albovillosa Pax = **E. gueinzii** var. **albovillosa**

alternicolor N.E.Br. = **E. aggregata** var. **alternicolor**

amarifontana N.E.Br.

Perennial. Shrub, succulent. Ht ± 0.3 m. Alt ± 550 m.
NC

angrae N.E.Br.

Perennial. Dwarf shrub, succulent. Ht ± 0.1 m. Alt
5–152 m. N

angularis of most authors, not of Klotzsch = **E. cooperi**
var. **cooperi**

anomala Pax = **E. pfeilii**

anoplia Stapf

Perennial. Shrub, succulent. Ht 0.1–1 m. Alt 50–100
m. EC

antunesii Pax = **Tavaresia barklyi**

arceuthobioides Boiss.

Perennial. Shrub, dwarf shrub, succulent. Ht 0.1–0.45
m. Alt 5–475 m. WC

argillicola Dinter = **E. namibensis**

arida N.E.Br.

Perennial. Dwarf succulent. Ht 0.02–0.05 m. Alt ?–1640
m. FS, NC

- arrecta* N.E.Br. (1915), not of N.E.Br. (1914) = **E. mixta**
- artifolia** N.E.Br.
Perennial. Dwarf shrub, herb. Ht 0.15–0.25 m. Alt 155–185 m. WC
- aspericaulis** Pax
Perennial. Dwarf shrub, succulent. Ht 0.3–0.45 m. Alt 670–1000 m. NC
- astrispina* N.E.Br. = **E. stellispina** var. **astrispina**
- atrispina** N.E.Br. var. **atrispina**
Perennial. Shrub, succulent. Ht 0.07–0.2 m. Alt 850–1150 m. WC
- atrispina** N.E.Br. var. **viridis** A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht 0.07–0.2 m. Alt ± 1150 m. WC
- austro-occidentalis** Thell.
E. forskalii J.Gay in Webb & Berthel. of Meyer, misapplied name (53)
Perennial. Herb. Ht ± 0.01 m. Alt ?–1150 m. N
- astrophora** J.G.Marx
Perennial. Dwarf shrub, succulent. Ht 0.3–0.5 m. Alt 680–730 m. EC
- avasmontana** Dinter var. **avasmontana**
E. kalaharica Marloth (18)
Perennial. Shrub, succulent. Ht 0.5–1.8 m. Alt 680–1220 m. N, NC
- avasmontana** Dinter var. **sagittaria** (Marloth) A.C.White, R.A.Dyer & B.Sloane
E. sagittaria Marloth (18)
Perennial. Shrub, succulent. Ht 0.5–1.7 m. Alt ± 1000 m. NC
- baliola** N.E.Br.
Perennial. Shrub, succulent. Ht 0.05–0.1 m. Alt ± 1645 m. N
- barnardii** A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht 0.4–0.6 m. Alt 915–1400 m. LIM
- basutica* Marloth = **E. clavarioides** var. **clavarioides**
- baumii* Pax = **E. monteiri** subsp. **monteiri**
- bayeri** L.C.Leach
Perennial. Shrub, succulent. Ht 0.08–0.12 m. Alt 20–150 m. WC
- benthamii** Hiern
Annual. Herb. Ht 0.6–1 m. Alt 900–1005 m. N
- bergeriana* Dinter = **E. gariepina** subsp. **gariepina**
- bergii** A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht 0.1–0.15 m. Alt 915–1370 m. FS, NC
- bolusii** N.E.Br. (insufficiently known) (18)
Perennial. Shrub, succulent. Ht? Alt? M?
- ×**bothae** Lotsey & Goddijn (hybrid crowd)
Perennial. Shrub, succulent. Ht 0.75–1 m. Alt ?–274 m. EC
- brachiata** E.Mey. ex Boiss.
Perennial. Shrub, dwarf shrub, succulent. Ht 0.3–0.6 m. Alt 10–150 m. WC
- brakdamensis** N.E.Br. (insufficiently known) (18)
Perennial. Shrub, succulent. Ht 0.15–0.2 m. Alt ± 485 m. NC
- braunsii** N.E.Br.
Perennial. Dwarf shrub, succulent. Ht 0.1–0.15 m. Alt 700–1400 m. NC, WC, EC
- brevirama** N.E.Br. (insufficiently known) (18)
Perennial. Dwarf shrub, shrub, succulent. Ht 0.05–0.1 m. Alt ± 725 m. EC
- bruynsii** L.C.Leach
Perennial. Dwarf shrub, succulent. Ht 0.1–0.25 m. Alt ± 950 m. EC
- bubalina** Boiss.
Perennial. Shrub, succulent. Ht 0.5–1.3 m. Alt 15–450 m. EC
- bupleurifolia** Jacq.
Perennial. Dwarf shrub, succulent. Ht 0.04–0.2 m. Alt 561–1525 m. KZN, EC
- burmannii** E.Mey. ex Boiss.
Perennial. Dwarf shrub, succulent. Ht 0.3–0.7 m. Alt 4–550 m. NC, WC, EC
- caerulescens** Haw. (note spelling)
Perennial. Shrub, succulent. Ht 0.5–1.7 m. Alt 425–1300 m. WC, EC
- caperonioides** R.A.Dyer & P.G.Mey.
Annual, occ. perennial. Herb. Ht up to 0.6 m. Alt ?–1163 m. N
- capitosa* N.E.Br. = **E. ferox**
- caput-medusae** L.
Perennial. Shrub, succulent. Ht 0.1–0.4 m. Alt 30–120 m. WC
- caterviflora** N.E.Br.
E. hastisquama N.E.Br. (18)
E. mundii in sense of R.A.Dyer, not of N.E.Br., misapplied name (18)
Perennial. Dwarf shrub, shrub, succulent. Ht 0.1–0.3 m. Alt 275–2000 m. FS, NC, WC, EC
- celata** R.A.Dyer
E. miscella Leach (43)
Perennial. Dwarf shrub. Ht 0.02–0.1 m. Alt 100–130 m. NC, WC
- cereiformis** L. (insufficiently known)
Perennial. Shrub, succulent. Ht? Alt? EC?
- chamaesyce* of most authors, not of L. = **E. prostrata**
- chamaesycoides** B.Nord (doubtfully distinct from *E. inaequilatera*)
Chamaesyce chamaesycoides (B.Nord.) Koutnik (53)
Annual. Herb. Ht 0.05–0.2 m. Alt ?–700 m. N
- chersina** N.E.Br.
Perennial. Shrub, succulent. Ht 0.3–0.6 m. Alt 30–765 m. N, NC
- cibdela** N.E.Br.
Perennial. Shrub, succulent. Ht 0.5–1 m. Alt ?–800 m. N, NC
- clandestina** Jacq.
Perennial. Shrub, succulent. Ht 0.2–0.6 m. Alt 60–450 m. WC
- clava** Jacq.
Perennial. Shrub, succulent. Ht 0.3–1.3 m. Alt 305–600 m. EC
- clavarioides** Boiss. var. **clavarioides**
E. basutica Marloth (18)
Perennial. Dwarf shrub, succulent. Ht 0.02–0.45 m. Alt ?–2620 m. G, M, FS, KZN, L, WC, EC

- clavarioides** Boiss. var. **truncata** (N.E.Br.) A.C.White, R.A.Dyer & B.Sloane
E. truncata N.E.Br. (18)
Perennial. Dwarf shrub, shrub, succulent. Ht 0.06–0.45 m. Alt ?–2134 m. LIM, NW, G, M, KZN
- clavigera** N.E.Br.
E. persistens R.A.Dyer (47)
Perennial. Dwarf shrub, succulent. Ht 0.1–0.2 m. Alt 450–750 m. LIM, M, S, KZN
- clivicola** R.A.Dyer
Perennial. Shrub, succulent. Ht 0.1–0.25 m. Alt 1350–1450 m. LIM
- colliculina** A.C.White, R.A.Dyer & B.Sloane
Perennial. Dwarf shrub, succulent. Ht 0.5–0.12 m. Alt ± 500 m. WC
- commiphoroides** Dinter = **E. guerichiana**
- complexa** R.A.Dyer
Perennial. Shrub, succulent. Ht 0.3–0.45 m. Alt 365–732 m. M
- confinalis** R.A.Dyer subsp. **confinalis**
Perennial. Tree, succulent. Ht 3.5–10 m. Alt 505–900 m. LIM, M
- confluens** Nel
Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt ± 750 m. NC
- cooperi** in sense of A.Berger, not of N.E.Br., misapplied name = **E. ingens**
- cooperi** N.E.Br. ex A.Berger var. **cooperi**
E. angularis of most authors, not of Klotzsch. (51)
Perennial. Tree, succulent. Ht 2–7 m. Alt 275–1525 m. B, LIM, NW, G, M, S, KZN
- corallothamnus** Dinter, naked name = **E. mauritanica** var. **corallothamnus**
- corymbosa** N.E.Br.
Perennial. Shrub, succulent. Ht 0.1–0.3 m. Alt 20–150 m. WC
- crassipes** Marloth (insufficiently known) (18)
Perennial. Shrub, succulent. Ht 0.15–0.2 m. Alt ± 1000 m. WC
- crispa** (Haw.) Sweet
Perennial. Dwarf shrub, geophyte, succulent. Ht 0.05–0.1 m. Alt 18–1035 m. NC, WC
- crotonoides** Boiss. subsp. **crotonoides**
Perennial. Herb. Ht 0.3–1.5 m. Alt 480–1320 m. N, B, LIM, M
- cucumerina** Willd. = probably **E. stellispina**
- cumulata** R.A.Dyer
Perennial. Shrub, succulent. Ht 0.08–0.2 m. Alt ?–906 m. EC
- cupularis** Boiss. = **Synadenium cupulare**
- currorii** N.E.Br. = **E. matabelensis**
- curvirama** R.A.Dyer (hybrid crowd?)
Perennial. Shrub, small tree, succulent. Ht 2–6.5 m. Alt 550–850 m. EC
- *cyathophora** J.Murray
Poinsettia cyathophora (J.Murray) Bartl. (37)
Annual. Herb. Ht 0.3–1 m. Alt? N, G, M, KZN, EC
- cylindrica** A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht 0.2–0.5 m. Alt 1325–1675 m. NC
- damarana** L.C.Leach
Perennial. Shrub, dwarf shrub, succulent. Ht 1.82–3.04 m. Alt 450–1000 m. N
- davyi** N.E.Br.
Perennial. Shrub, succulent. Ht 0.03–0.1 m. Alt 520–1525 m. LIM, NW, G
- decepta** N.E.Br.
Perennial. Shrub, succulent. Ht 0.05–0.08 m. Alt 800–1200 m. WC, EC
- decussata** E.Mey. ex Boiss.
E. indecora N.E.Br. (18)
Perennial. Shrub, succulent. Ht 0.3–1 m. Alt 70–1100 m. N, WC, NC
- dinteri** A.Berger = **E. virosa** subsp. **virosa**
- discreta** N.E.Br. = **E. woodii**
- dregeana** E.Mey. ex Boiss.
E. elastica Marloth (18)
Perennial. Shrub, succulent. Ht 1–2 m. Alt 40–1220 m. N, NC
- dumosa** E.Mey. ex Boiss.
Perennial. Dwarf shrub, herb. Ht ± 0.3 m. Alt 250–500 m. KZN, EC
- duseimata** R.A.Dyer
Perennial. Dwarf shrub, succulent. Ht 0.05–0.06 m. Alt 900–1372 m. B, NW, FS, NC
- ecklonii** (Klotzsch & Garcke) A.Hässl.
E. pistiaefolia Boiss. (18)
Perennial. Dwarf shrub, succulent. Ht ± 0.01 m. Alt 90–150 m. WC
- eduardoi** L.C.Leach
Perennial. Tree, succulent. Ht 5–15 m. Alt 450–550 m. N
- eendornensis** Dinter = **E. fusca**
- elastica** Marloth = **E. dregeana**
- elliptica** Thunb., not of Lam. = **E. silenifolia**
- enopla** Boiss. var. **enopla**
Perennial. Shrub, succulent. Ht 0.3–1 m. Alt ?–900 m. EC
- enopla** Boiss. var. **viridis** A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht 0.3–0.5 m. Alt ± 675 m. EC
- enopla** in sense of A.Berger, not of Boiss., misapplied name = **E. heptagona** var. **heptagona**
- enopla** in sense of A.Berger, not of Boiss. var. **dentata** A.Berger, misapplied name = **E. heptagona** var. **dentata**
- enormis** N.E.Br.
Perennial. Shrub, succulent. Ht 0.25–0.45 m. Alt 350–1800 m. LIM, M
- ephedroides** E.Mey. ex Boiss. var. **debilis** L.C.Leach
Perennial. Dwarf shrub, succulent. Ht 0.05–0.15 m. Alt ± 650 m. N
- ephedroides** E.Mey. ex Boiss. var. **ephedroides**
Perennial. Dwarf shrub, succulent. Ht 0.3–2 m. Alt 60–2179 m. N, NC
- ephedroides** E.Mey. ex Boiss. var. **imminuta** L.C.Leach & G.Will.
Perennial. Dwarf shrub, succulent. Ht 0.05–0.1 m. Alt ± 150 m. NC

epicyparissias E.Mey. ex Boiss.

E. epicyparissias E.Mey. ex Boiss. var. *wahlbergii* (Boiss.) N.E.Br., invalid name (2)

E. involucrata (Klotzsch & Garcke) Boiss. (2)

E. wahlbergii Boiss., illegitimate name (2)

Perennial. Dwarf shrub, herb. Ht 0.3–1 m. Alt 5–2500 m. LIM, G, M, S, FS, KZN, L, WC, EC

epicyparissias E.Mey. ex Boiss. var. *wahlbergii* (Boiss.) N.E.Br. = **E. epicyparissias**

ericoides Lam.

Perennial. Dwarf shrub, herb. Ht 0.15–1 m. Alt 12–550 m. WC, EC

ernestii N.E.Br.

Perennial. Dwarf shrub, shrub, succulent. Ht 0.01–0.05 m. Alt 1500–1615 m. EC

erythrina Link var. **erythrina**

Perennial. Dwarf shrub, herb. Ht 0.15–1 m. Alt 9–900 m. WC

erythrina Link var. **meyeri** N.E.Br.

Perennial. Dwarf shrub, herb. Ht 0.1–1 m. Alt 10–500 m. WC

esculenta Marloth

E. inermis Mill. var. *laniglans* N.E.Br. (18)

Perennial. Shrub, succulent. Ht 0.1–0.2 m. Alt 765–1365 m. EC

espinosa Pax

Perennial. Tree, shrub, woody. Ht 1.5–2 m. Alt ?–1070 m. N, B, LIM

eustacei N.E.Br.

Perennial. Shrub, succulent. Ht 0.1–0.5 m. Alt ?–1400 m. WC

evansii in sense of N.E.Br. in part, not of Pax, misapplied name = **E. triangularis**

evansii Pax

Perennial. Tree, succulent. Ht 1.2–5 m. Alt 121–1066 m. LIM, M, S, KZN

excelsa A.C.White, R.A.Dyer & B.Sloane

Perennial. Tree, succulent. Ht 4–8(–15) m. Alt 765–855 m. LIM

exilis L.C.Leach

Perennial. Shrub, succulent. Ht 0.3–0.4 m. Alt 200–350 m. WC

eylesii Rendle

Chamaesyce eylesii (Rendle) Koutnik (37, 51)

E. neopolecnemoides in sense of Meyer (51)

Perennial. Herb or dwarf shrub. Ht 0.1–0.3 m. Alt 900–1000 m. N, B

falsa N.E.Br. = **E. meloformis** subsp. **meloformis** forma **falsa**

fasciculata in sense of N.E.Br. in part, not of Thunb., misapplied name = **E. schoenlandii**

fasciculata Thunb.

Perennial. Shrub, succulent. Ht 0.07–0.3 m. Alt ?–155 m. WC

ferox Marloth

E. captiosa N.E.Br. (18)

Perennial. Shrub, succulent. Ht 0.1–0.3 m. Alt 500–1000 m. EC

filiflora Marloth

E. meyeri Nel (18)

E. nelii A.C.White, R.A.Dyer & B.Sloane (43)

Perennial. Shrub, succulent. Ht 0.1–0.3 m. Alt ?–915 m. NC

fimbriata in sense of N.E.Br. in part, not of Scop., misapplied name = **E. nesemannii**

fimbriata Scop.

E. mannillaris Haw. in part, not of L. (18)

Perennial. Shrub, succulent. Ht 0.3–1.37 m. Alt 75–155 m. EC

flanaganii N.E.Br.

Perennial. Dwarf shrub, shrub, succulent. Ht 0.02–0.05 m. Alt 30–185 m. EC

foliosa N.E.Br.

Perennial. Herb. Ht ± 0.1 m. Alt ?–70 m. WC

forskalii J.Gay in Webb & Berthel. of Meyer, misapplied name = **E. austro-occidentalis**

fortuita A.C.White, R.A.Dyer & B.Sloane

Perennial. Dwarf shrub, shrub, succulent. Ht 0.02–0.12 m. Alt ± 500 m. WC

francescae L.C.Leach = **E. quadrata**

franckiana A.Berger (insufficiently known) (18)

Perennial. Shrub, succulent. Ht 0.6–1 m. Alt? EC?

franksiae N.E.Br. var. **franksiae**

Perennial. Dwarf shrub, succulent. Ht? Alt 305–730 m. KZN

franksiae N.E.Br. var. **zuluensis** A.C.White, R.A.Dyer & B.Sloane

Perennial. Dwarf shrub, succulent. Ht ± 0.06 m. Alt 155–765 m. KZN

friedrichiae Dinter

E. multiramosa Nel (43)

E. namaquensis N.E.Br. (43)

Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt 800–900 m. N, NC

frutescens N.E.Br. = **E. guerichiana**

fusca Marloth

E. eendornensis Dinter (18)

Perennial. Shrub, succulent. Ht 0.1–0.3 m. Alt ?–1160 m. N, NC

galpinii Pax, illegitimate name = **E. transvaalensis**

gamkensis J.G.Marx

Perennial. Dwarf shrub, succulent. Ht 0.07–0.1 m. Alt ± 500 m. WC

gariiepina Boiss. subsp. **balsamea** (Hiern) L.C.Leach

Perennial. Shrub, succulent. Ht 0.2–1 m. Alt 10–100 m. N

gariiepina Boiss. subsp. **gariiepina**

E. bergeriana Dinter (18)

Perennial. Shrub, succulent. Ht 0.15–0.5 m. Alt 200–1370 m. N, NC

gatbergensis N.E.Br.

Perennial. Dwarf shrub, succulent. Ht 0.01–0.03 m. Alt 730–990 m. KZN, EC

geniculata Ortega = **E. heterophylla**

genistoides P.J.Bergius

Perennial. Dwarf shrub, herb. Ht 0.15–0.75 m. Alt 30–1300 m. WC

gentilis N.E.Br. subsp. **gentilis**

Perennial. Dwarf shrub, succulent. Ht 0.05–0.1 m. Alt ?–825 m. NC, WC

- gentilis** N.E.Br. subsp. **tanquana** L.C.Leach
Perennial. Dwarf shrub, succulent. Ht 0.05–0.2 m. Alt 800–1200 m. NC, WC
- giessii** L.C.Leach
Perennial. Dwarf shrub, shrub, succulent. Ht 0.5–0.8 m. Alt 100–750 m. N
- glandularis** L.C.Leach & G.Will.
Perennial. Dwarf shrub, succulent. Ht 0.4–1 m. Alt 100–1300 m. NC
- glanduligera** Pax
Chamaesyce glanduligera (Pax) Koutnik (37, 51)
Annual, perennial. Herb. Ht 0.15–0.75 m. Alt 610–1067 m. N
- glaucella** Pax = **E. pfeilii**
- globosa** (Haw.) Sims
Perennial. Dwarf shrub, herb, succulent. Ht 0.02–0.07 m. Alt 20–250 m. EC
- gorgonis** A.Berger
Perennial. Dwarf shrub, succulent. Ht 0.01–0.02 m. Alt 350–730 m. EC
- grandialata** R.A.Dyer
Perennial. Shrub, tree, succulent. Ht 0.7–2 m. Alt ± 1700 m. LIM
- grandicornis** Goebel ex N.E.Br. subsp. **grandicornis**
Perennial. Shrub, succulent. Ht 0.5–2 m. Alt 30–380 m. S, KZN
- grandidens** Haw.
Perennial. Tree, shrub, succulent. Ht 0.6–16 m. Alt 15–915 m. M, S, KZN, EC
- graveolens** N.E.Br. = **E. restituta**
- gregaria** Marloth
Perennial. Shrub, succulent. Ht 1–2 m. Alt 350–1300 m. N, NC
- griseola** Pax subsp. **griseola**
Perennial. Shrub, succulent. Ht 0.2–1(–1.6) m. Alt 850–1220 m. B, LIM, G
- groenewaldii** R.A.Dyer
Perennial. Dwarf shrub, succulent. Ht 0.02–0.07 m. Alt ± 1400 m. LIM
- gueinzii** Boiss. var. **albovillosa** (Pax) N.E.Br.
E. albovillosa Pax (18)
Perennial. Dwarf shrub, succulent. Ht 0.03–0.15 m. Alt 15–750 m. KZN
- gueinzii** Boiss. var. **gueinzii**
Perennial. Dwarf shrub, succulent. Ht 0.02–0.25 m. Alt 701–2134 m. M, S, FS, KZN, L, EC
- guerichiana** Pax
E. commiphoroides Dinter (18)
E. frutescens N.E.Br. (26)
Perennial. Tree, shrub. Ht 0.3–6 m. Alt 5–1850 m. N, B, LIM, NC
- gummifera** Boiss.
Perennial. Shrub, succulent. Ht 0.8–1.3 m. Alt 80–760 m. N, NC
- hallii** R.A.Dyer
Perennial. Dwarf shrub, shrub, succulent. Ht 0.2–0.4 m. Alt ± 850 m. NC, WC
- hamata** (Haw.) Sweet
E. peltigera E.Mey. ex Boiss. (43)
Perennial. Shrub, succulent. Ht 0.2–0.6 m. Alt 70–1365 m. N, NC, WC
- hastisquama** N.E.Br. = **E. caterviflora**
- *helioscopia** L.
Annual. Herb. Ht 0.1–0.3 m. Alt 5–1890 m. KZN, WC, EC
- heptagona** A.Berger, not of L. = **E. pentagona**
- heptagona** L. var. **dentata** (A.Berger) N.E.Br. (insufficiently known)
E. enopla in sense of A.Berger, not of Boiss. var. *dentata* A.Berger, misapplied name (18)
Perennial. Shrub, succulent. Ht? Alt? EC?
- heptagona** L. var. **heptagona**
E. enopla in sense of A.Berger, not of Boiss., misapplied name (18)
Perennial. Shrub, succulent. Ht 0.25–1.2 m. Alt 10–950 m. WC, EC
- heptagona** L. var. **ramosa** A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht 0.2–1 m. Alt 500–750 m. WC
- heptagona** L. var. **subsessilis** A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht 0.2–1 m. Alt ± 1600 m. WC
- heptagona** L. var. **viridis** A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht 0.4–2 m. Alt ± 1500 m. WC
- herrei** A.C.White, R.A.Dyer & B.Sloane
Perennial. Dwarf shrub, succulent. Ht 0.05–0.12 m. Alt 10–125 m. N, NC
- *heterophylla** L.
E. geniculata Ortega (37)
Poinsettia geniculata (Ortega) Klotzsch & Garcke (37)
Annual. Herb. Ht 0.3–1 m. Alt 3–2000 m. B, LIM, NW, G, M, FS
- *hirta** L.
Chamaesyce hirta (L.) Millsp. (37, 51)
Annual. Prostrate to ascending herb. Ht 0.05–0.5 m. Alt 5–2000 m. N, B, LIM, NW, G, M, S, KZN, EC
- hopetownensis** Nel
Perennial. Herb, succulent. Ht 0.05–0.1 m. Alt ± 1275 m. NC
- horrida** Boiss. var. **horrida**
Perennial. Shrub, succulent. Ht 0.3–1 m. Alt 1350–1500 m. WC, EC
- horrida** Boiss. var. **major** A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht 0.3–1.2 m. Alt ± 975 m. EC
- horrida** Boiss. var. **noorsveldensis** A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht 0.3–1 m. Alt ± 700 m. EC
- horrida** Boiss. var. **striata** A.C.White, R.A.Dyer & B.Sloane
Perennial. Shrub, succulent. Ht 0.2–0.8 m. Alt 1025–1150 m. WC, EC
- hottentota** Marloth
Perennial. Shrub, succulent. Ht 1.5–2 m. Alt 750–1500 m. N, NC

huttoniae N.E.Br. = **E. inermis** var. **huttonae**

hypericifolia of N.E.Br., not of L. = **E. indica**

hypogaea Marloth

Perennial. Dwarf shrub, succulent. Ht 0.02–0.06 m.
Alt 1500–1775 m. WC, EC

inaequilatera Sond. var. **inaequilatera**

Chamaesyce inaequilatera (Sond.) Soják (37, 51)

E. sanguinea Boiss. (37, 51)

Annual. Prostrate herb or dwarf shrub. Ht/diameter
0.01–0.5 m. Alt 5–2000 m. N, B, LIM, NW, G,
M, S, FS, KZN, L, NC, WC, EC

inaequilatera Sond. var. **perennis** N.E.Br.

Perennial. Prostrate herb or dwarf shrub. Ht/diameter
0.01–0.5 m. Alt 800–2000 m. B, LIM, NW, NC

inconstantia R.A.Dyer

Perennial. Shrub, succulent. Ht 0.3–1.7 m. Alt ?–460
m. EC

indecora N.E.Br. = **E. decussata**

***indica** Lam.

Chamaesyce hypericifolia of most authors, not of Millsp. (37, 51)

E. hypericifolia of N.E.Br., not of L. (37, 51)

Annual. Spreading or erect herb. Ht 0.05–0.6 m. Alt
1–1265 m. B, LIM, NW, G, M, S, KZN, WC,
EC

inelegans N.E.Br. (1915), not of N.E.Br. (1911) = **E. inornata**

inermis Mill. var. **huttoniae** (N.E.Br.) A.C.White, R.A.Dyer
& B.Sloane

E. huttoniae N.E.Br. (18)

Perennial. Shrub, succulent. Ht 0.2–0.4 m. Alt ± 525
m. EC

inermis Mill. var. **inermis**

E. viperina A.Berger (18)

Perennial. Shrub, succulent. Ht 0.2–0.4 m. Alt 120–
560 m. EC

inermis Mill. var. **laniglans** N.E.Br. = **E. esculenta**

ingens E.Mey. ex Boiss.

E. cooperi in sense of A.Berger, not of N.E.Br., misapplied name (18)

E. natalensis in sense of A.Berger, not of Bernh., misapplied name (18)

E. similis A.Berger (18)

Perennial. Tree, succulent. Ht 4.5–11 m. Alt 215–1450
m. N, B, LIM, NW, G, M, S, KZN

inornata N.E.Br.

E. inelegans N.E.Br. (1915), not of N.E.Br. (1911) (18)

Perennial. Dwarf shrub, herb, succulent. Ht 0.05–0.11
m. Alt 945–1250 m. NC

insarmentosa P.G.Mey.

Annual. Herb. Ht 0.2–0.6 m. Alt ± 1325 m. N

involutrata (Klotzsch & Garcke) Boiss. = **E. epicyparissias**

jansenvillensis Nel

Perennial. Shrub, succulent. Ht 0.1–0.3 m. Alt ± 860
m. EC

juglans Compton

Perennial. Dwarf shrub, succulent. Ht 0.03–0.05 m.
Alt ± 950 m. WC

juttiae Dinter

E. silicicola Dinter (38)

Perennial. Dwarf shrub, succulent. Ht 0.02–0.1 m. Alt
300–850 m. N

kalaharica Marloth = **E. avasmontana** var. **avasmontana**

kaokoensis (A.C.White, R.A.Dyer & B.Sloane) L.C.Leach

E. subsalsa Hiern var. *kaokoensis* A.C.White, R.A.Dyer & B.Sloane (28)

Perennial. Shrub, succulent. Ht 0.4–0.6 m. Alt ?–770
m. N

karroensis (Boiss.) N.E.Br.

Perennial. Shrub, succulent. Ht? Alt ± 550 m. NC

keithii R.A.Dyer

Perennial. Tree, succulent. Ht 2–6 m. Alt ± 845 m. S

knobelii Letty

Perennial. Dwarf shrub, succulent. Ht 0.2–0.4 m. Alt ±
1350 m. NW

knuthii Pax subsp. **knuthii**

Perennial. Dwarf shrub, succulent. Ht 0.15–0.3 m. Alt
60–305 m. M, S, KZN

kraussiana Bernh. var. **erubescens** N.E.Br.

Perennial. Herb. Ht? Alt ?–1768 m. LIM, M, KZN

kraussiana Bernh. var. **kraussiana**

Perennial. Dwarf shrub, herb. Ht 0.38–1.6 m. Alt 3–
1830 m. LIM, M, FS, KZN, EC

kwebensis N.E.Br. = **E. pfeilii**

***lathyris** L.

Biennial or perennial. Herb. Ht 0.3–1 m. Alt? WC

lavrani L.C.Leach

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt ± 1650 m.
N

ledienii A.Berger var. **dregei** N.E.Br.

Perennial. Shrub, succulent. Ht? Alt 150–550 m. EC

ledienii A.Berger var. **ledienii**

Perennial. Shrub, succulent. Ht 1–1.3 m. Alt 120–250
m. EC

leistneri R.H.Archer

Perennial. Shrub, succulent. Ht 0.3–1 m. Alt ± 1080
m. N

lignosa Marloth

Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt 200–
650 m. N

limpopoana L.C.Leach ex S.Carter

E. malevola L.C.Leach subsp. *bechuanica* L.C.Leach (47)

Perennial. Shrub, herb, succulent. Ht 0.2–0.3 m. Alt
650–950 m. B, LIM, NW, M

livida E.Mey. ex Boiss.

Chamaesyce livida (E.Mey. ex Boiss.) Koutnik (37, 51)

Perennial. Decumbent or prostrate herb or dwarf shrub.
Ht 0.1–0.2 m. Alt 5–55 m. KZN, EC

longibracteata Pax = **E. monteiri** subsp. **monteiri**

loricata Lam.

Perennial. Shrub, succulent. Ht 0.2–0.5 m. Alt 50–
1035 m. WC

louwii L.C.Leach

Perennial. Shrub, succulent. Ht 0.2–1 m. Alt 900–1000
m. LIM

lumbricalis L.C.Leach

Perennial. Dwarf shrub, succulent. Ht 0.2–0.25 m. Alt
± 350 m. WC

lydenburgensis Schweick. & Letty

Perennial. Shrub. Ht 0.5–1.5 m. Alt 650–960 m. LIM,
M

macella N.E.Br. (insufficiently known) (18)

Perennial. Shrub, succulent. Ht ± 1.3 m. Alt 20–50 m.
WC

macowani N.E.Br. = **E. tuberculata** var. **macowani**

maleolens E.Phillips

Perennial. Shrub, dwarf shrub, succulent. Ht 0.1–0.2 m. Alt 762–915 m. LIM

malevola L.C.Leach subsp. *bechuanica* L.C.Leach = **E. limpopoana**

mammillaris Haw. in part, not of L. = **E. fimbriata**

mammillaris L.

Perennial. Shrub, succulent. Ht 0.3–0.45 m. Alt 20–305 m. WC, EC

mammilosa Lem. = **E. spinea**

***marginata** Pursh

Perennial. Herb. Ht 0.3–0.5 m. Alt 500–1700 m. G, FS, EC

marlothiana N.E.Br.

E. marlothii in sense of N.E.Br., not of Pax, misapplied name (18)

Perennial. Dwarf shrub, succulent. Ht 0.1–0.2 m. Alt ?–60 m. WC

marlothii in sense of N.E.Br., not of Pax, misapplied name = **E. marlothiana**

marlothii Pax = **E. monteiri** subsp. **monteiri**

matabelensis Pax

E. currorii N.E.Br. (51)

Perennial. Tree, shrub, woody. Ht 1–3 m. Alt 380–915 m. N, B

mauritanica L. var. **corallothamnus** (Dinter) A.C.White, R.A.Dyer & B.Sloane, not validly published ?

E. corallothamnus Dinter, naked name (18)

Perennial. Shrub, succulent. Ht 1–1.06 m. Alt ?–40 m. N

mauritanica L. var. **foetens** A.C.White, R.A.Dyer & B.Sloane

Perennial. Shrub, succulent. Ht up to 0.8 m. Alt ?–70 m. N

mauritanica L. var. **lignosa** A.C.White, R.A.Dyer & B.Sloane

E. mauritanica L. var. *namaquensis* N.E.Br. in part (18)

Perennial. Shrub, succulent. Ht 0.3–0.6 m. Alt ?–200 m. N, NC

mauritanica L. var. **mauritanica**

Perennial. Shrub, succulent. Ht 0.07–2.74 m. Alt 10–3100 m. N, FS, KZN, L, NC, WC, EC

mauritanica L. var. **minor** A.C.White, R.A.Dyer & B.Sloane

Perennial. Shrub, succulent. Ht 0.3–0.6 m. Alt ?–1000 m. WC

mauritanica L. var. **namaquensis** N.E.Br.

Perennial. Shrub, succulent. Ht 0.6–1 m. Alt 40–1200 m. N, NC

mauritanica L. var. *namaquensis* N.E.Br. in part = **E. mauritanica** var. **lignosa**

melanohydrata Nel

Perennial. Dwarf shrub, succulent. Ht 0.1–0.25 m. Alt 50–250 m. NC

meloformis Aiton subsp. **meloformis** forma **falsa** (N.E.Br.) J.G.Marx

E. falsa N.E.Br. (18)

E. pyriformis N.E.Br. (18)

Perennial. Dwarf shrub, succulent. Ht 0.05–0.1 m. Alt 650–750 m. EC

meloformis Aiton subsp. **meloformis** forma **magna** R.A.Dyer ex J.G.Marx

Perennial. Dwarf shrub, succulent. Ht 0.1–0.12 m. Alt ± 380 m. EC

meloformis Aiton subsp. **meloformis** forma **meloformis**

Perennial. Dwarf shrub, succulent. Ht 0.05–0.15 m. Alt 20–150 m. EC

meloformis Aiton subsp. **valida** (N.E.Br.) G.D.Rowley

E. valida N.E.Br. (45)

Perennial. Shrub, succulent. Ht 0.2–0.35 m. Alt ?–460 m. EC

meyeri Nel = **E. filiflora**

micracantha Boiss.

Perennial. Dwarf shrub, succulent. Ht 0.01–0.05 m. Alt 520–1065 m. EC

minutiflora N.E.Br. = **E. serpens**

mira L.C.Leach

Perennial. Dwarf shrub, succulent. Ht ± 0.05 m. Alt 200–650 m. WC

miscella L.C.Leach = **E. celata**

mixta N.E.Br.

E. arrecta N.E.Br. (1915), not of N.E.Br. (1914) (18)

Perennial. Shrub, succulent. Ht 0.3–1.21 m. Alt 90–700 m. WC

monteiri Hook.f. subsp. **brandbergensis** B.Nord.

Perennial. Shrub, succulent. Ht 0.4–3 m. Alt 1700–2500 m. N

monteiri Hook.f. subsp. **monteiri** (note spelling)

E. baumii Pax (26)

E. longibracteata Pax (26)

E. marlothii Pax (26)

Perennial. Shrub, succulent. Ht 0.2–0.85 m. Alt 420–1830 m. N, B

monteiri Hook.f. subsp. **ramosa** L.C.Leach

Perennial. Shrub, succulent. Ht 0.1–1 m. Alt 520–1525 m. B, LIM, G, M

mossambicensis (Klotzsch & Garcke) Boiss.

Chamaesyce mossambicensis (Klotzsch & Garcke) Koutnik (37)

Annual. Herb, prostrate. Ht 0.1–0.3 m. Alt ?–914 m. B, G

muirii N.E.Br.

Perennial. Dwarf shrub, succulent. Ht 0.1–0.2 m. Alt ?–60 m. WC

multiceps A.Berger

Perennial. Shrub, succulent. Ht 0.1–0.3 m. Alt 365–1000 m. NC, WC

multifida N.E.Br.

Perennial. Dwarf shrub, geophyte, succulent. Ht up to 0.15 m. Alt? KZN?

multifolia A.C.White, R.A.Dyer & B.Sloane

Perennial. Shrub, succulent. Ht 0.1–0.15 m. Alt ?–900 m. WC

multiramosa Nel = **E. friedrichiae**

mundii in sense of R.A.Dyer, not of N.E.Br., misapplied name = **E. caterviflora**

mundii N.E.Br.

Perennial. Shrub, succulent. Ht 0.3–1.2 m. Alt 155–1400 m. NC, WC, EC

muraltioides N.E.Br.

- Perennial. Herb, dwarf shrub. Ht 0.2–0.35 m. Alt ± 750 m. EC
- muricata** Thunb.
Perennial. Shrub, succulent. Ht 0.3–0.6 m. Alt 300–500 m. WC
- namaquensis* N.E.Br. = **E. friedrichiae**
- namibensis** Marloth
E. argillicola Dinter (18)
Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt 1000–1300 m. N
- namuskluftensis** L.C.Leach
Perennial. Dwarf shrub, succulent. Ht 0.05–0.1 m. Alt 950–1200 m. N
- natalensis** Bernh.
Perennial. Dwarf shrub. Ht 0.15–1 m. Alt 10–2840 m. KZN, L, EC
- natalensis* in sense of A.Berger, not of Bernh., misapplied name = **E. ingens**
- nelii* A.C.White, R.A.Dyer & B.Sloane = **E. filiflora**
- neopolecnemoides* in sense of Meyer = **E. eylesii**
- neopolycnemoides** Pax & K.Hoffm.
Chamaesyce neopolycnemoides (Pax & K.Hoffm.) Koutnik (37, 51)
Annual, occ. perennial. Herb. Ht 0.05–0.4 m. Alt 155–1350 m. B, LIM, M, S, KZN, NC
- nesemannii** R.A.Dyer
E. fimbriata in sense of N.E.Br. in part, not of Scop., misapplied name (18)
Perennial. Shrub, succulent. Ht 0.15–0.25 m. Alt 100–500 m. WC
- oatesii** Rolfe
Perennial. Herb, dwarf shrub. Ht 0.1–0.3 m. Alt 850–1050 m. B
- obesa** Hook.f. subsp. **obesa**
Perennial. Dwarf shrub, succulent. Ht 0.05–0.15 m. Alt ± 725 m. EC
- obesa** Hook.f. subsp. **symmetrica** (A.C.White, R.A.Dyer & B.Sloane) G.D.Rowley
E. symmetrica A.C.White, R.A.Dyer & B.Sloane (45)
Perennial. Dwarf shrub, succulent. Ht 0.05–0.15 m. Alt 825–850 m. EC
- ornithopus** Jacq.
Perennial. Dwarf shrub, succulent. Ht 0.01–0.05 m. Alt 610–945 m. EC
- otjipembana** L.C.Leach
Perennial. Shrub, succulent. Ht 0.5–1.5 m. Alt 1000–1200 m. N
- oxystegia** Boiss.
Perennial. Dwarf shrub, succulent. Ht 0.2–0.5 m. Alt 700–800 m. NC
- passa* N.E.Br. = **E. woodii**
- pedemontana** L.C.Leach
Perennial. Dwarf shrub, succulent. Ht 0.05–0.1 m. Alt ± 800 m. WC
- peltigera* E.Mey. ex Boiss. = **E. hamata**
- pentagona** Haw.
E. heptagona A.Berger, not of L. (18)
Perennial. Shrub, succulent. Ht 0.3–2.5 m. Alt 120–600 m. EC
- pentops** A.C.White, R.A.Dyer & B.Sloane
Perennial. Dwarf shrub, succulent. Ht 0.05–0.15 m. Alt 900–1250 m. NC
- ***peplus** L.
Annual, occ. perennial. Herb. Ht 0.1–0.5 m. Alt 15–1770 m. NW, G, FS, KZN, WC, EC
- perangusta** R.A.Dyer
Perennial. Dwarf shrub, succulent. Ht 0.3–0.7 m. Alt 900–1190 m. NW
- pergracilis** P.G.Mey.
Chamaesyce pergracilis (P.G.Mey.) Koutnik (37, 51)
Perennial. Herb. Ht 0.1–0.4 m. Alt ± 630 m. N
- perpera** N.E.Br.
Perennial. Dwarf shrub, succulent. Ht? Alt ± 50 m. NC
- persistens* R.A.Dyer = **E. clavigera**
- pfeilii** Pax
E. anomala Pax (1)
E. glaucella Pax (51)
E. kwebensis N.E.Br. (51)
Annual, perennial. Herb. Ht 0.15–0.6 m. Alt 610–1067 m. N, B, LIM, NC
- phylloclada** Boiss.
Perennial. Dwarf shrub, succulent. Ht 0.05–0.25 m. Alt 275–490 m. N, NC
- pillansii** N.E.Br. var. **albovirens** A.C.White, R.A.Dyer & B.Sloane
Perennial. Dwarf shrub, succulent. Ht 0.3–0.5 m. Alt ?–650 m. WC
- pillansii** N.E.Br. var. **pillansii**
E. stellaespinata E.Phillips, not of Haw. (18)
Perennial. Dwarf shrub, succulent. Ht 0.2–0.6 m. Alt ?–650 m. WC
- pillansii** N.E.Br. var. **ramosissima** A.C.White, R.A.Dyer & B.Sloane
Perennial. Dwarf shrub, succulent. Ht 0.2–0.6 m. Alt ?–650 m. WC
- pistiaefolia* Boiss. = **E. ecklonii**
- planiceps** A.C.White, R.A.Dyer & B.Sloane
Perennial. Dwarf shrub, succulent. Ht 0.05–0.1 m. Alt ± 1570 m. NC
- polycephala** Marloth
Perennial. Dwarf shrub, shrub, succulent. Ht 0.4–0.7 m. Alt 900–1200 m. EC
- polygona** Haw.
Perennial. Shrub, succulent. Ht 0.5–1.2 m. Alt 155–460 m. EC
- procumbens* in sense of N.E.Br. (1925), misapplied name = **E. woodii**
- ***prostrata** Aiton
Chamaesyce prostrata (Aiton) Small (37, 51)
E. chamaesyce of most authors, not of L. (37, 51)
Annual. Herb, prostrate. Ht 0.1–0.2 m. Alt 25–1654 m. N, B, LIM, NW, G, M, S, FS, KZN, WC, EC
- pseudocactus** A.Berger
Perennial. Shrub, succulent. Ht 0.6–2.4 m. Alt 230–1035 m. KZN
- pseudoduseimata** A.C.White, R.A.Dyer & B.Sloane
Perennial. Dwarf shrub, succulent. Ht 0.05–0.2 m. Alt ?–1065 m. N, NW, NC
- pseudoglobosa** Marloth
Perennial. Dwarf shrub, succulent. Ht 0.05–0.1 m. Alt 25–250 m. WC

pseudotuberosa Pax

Perennial. Dwarf shrub, succulent. Ht 0.01–0.7 m. Alt 1000–1713 m. LIM, NW, G, M, FS, NC

pubescens Vahl

Perennial. Herb. Ht 0.58–1.5 m. Alt 1550–1800 m. NW, G

pubiglans N.E.Br.

Perennial. Dwarf shrub, succulent. Ht 0.01–0.3 m. Alt 50–450 m. WC, EC

pugniformis Boiss.

Perennial. Dwarf shrub, succulent. Ht 0.05–0.1 m. Alt 50–975 m. EC

***pulcherrima** Willd. ex Klotzsch

Poinsettia pulcherrima (Klotzsch.) Graham (51, 52)

Perennial. Shrub, tree. Ht 0.5–4 m. Alt 125–1650 m. LIM, M, S, KZN

pulvinata Marloth

Perennial. Dwarf shrub, succulent. Ht 0.2–0.5 m. Alt 700–1830 m. LIM, M, S, FS, L, KZN, EC

pyriformis N.E.Br. = **E. meloformis** subsp. **meloformis** forma **falsa****quadrata** Nel

E. francescae L.C.Leach (43)

Perennial. Dwarf shrub, succulent. Ht 0.2–1 m. Alt 1300–1400 m. NC

ramiglans N.E.Br.

Perennial. Dwarf shrub, succulent. Ht 0.01–0.1 m. Alt 25–500 m. NC

rectirama N.E.Br.

Perennial. Shrub, succulent. Ht 0.2–1.5 m. Alt 600–1435 m. B, NW, FS, NC, WC, EC

restituta N.E.Br.

E. graveolens N.E.Br. (18)

Perennial. Dwarf shrub, succulent. Ht 0.05–0.15 m. Alt ?–200 m. NC

restricta R.A.Dyer

Perennial. Dwarf shrub, succulent. Ht 0.1–0.35 m. Alt 1400–1525 m. LIM

rhombifolia Boiss.

E. rhombifolia Boiss. var. *cymosa* N.E.Br. (18)

E. rhombifolia Boiss. var. *laxa* N.E.Br. (18)

E. rhombifolia Boiss. var. *triceps* N.E.Br. (18)

Perennial. Shrub, succulent. Ht 0.2–1 m. Alt 15–1713 m. LIM, NW, G, FS, KZN, NC, WC, EC

rhombifolia Boiss. var. *cymosa* N.E.Br. = **E. rhombifolia**

rhombifolia Boiss. var. *laxa* N.E.Br. = **E. rhombifolia**

rhombifolia Boiss. var. *triceps* N.E.Br. = **E. rhombifolia**

rowlandii R.A.Dyer

Perennial. Shrub, succulent. Ht 1.2–1.8 m. Alt 490–520 m. LIM

rubriflora N.E.Br.

Perennial. Herb. Ht ± 0.02 m. Alt 700–1000 m. B

rudis N.E.Br.

Perennial. Dwarf shrub, succulent. Ht 0.1–0.25 m. Alt 700–765 m. N, NC

rudolfii N.E.Br.

Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt ± 550 m. NC

ruscifolia N.E.Br.

Perennial. Dwarf shrub, herb. Ht 0.1–0.2 m. Alt ± 250 m. EC

sagittaria Marloth = **E. avasmontana** var. **sagittaria**
sanguinea Boiss. = **E. inaequilatera** var. **inaequilatera**
schinzii Pax

Perennial. Dwarf shrub, shrub, succulent. Ht 0.06–0.8 m. Alt 90–1525 m. B, LIM, NW, G

schoenlandii Pax

E. fasciculata in sense of N.E.Br. in part, not of Thunb., misapplied name (18)

Perennial. Shrub, succulent. Ht 0.1–0.45 m. Alt? WC

sclerophylla Boiss.

Perennial. Herb. Ht 0.3–0.45 m. Alt 365–1525 m. EC

sekukuniensis R.A.Dyer

Perennial. Tree, shrub, succulent. Ht 0.6–5.8 m. Alt 915–1200 m. LIM

***serpens** Kunth

Chamaesyce serpens (Kunth) Small (37, 51)

E. minutiflora N.E.Br. (37, 51)

Annual. Herb, prostrate. Ht 0.1–0.2 m. Alt 5–1365 m. N, LIM, NW, G, M, FS, KZN, NC, WC, EC

***serrata** L.

Perennial. Herb. Ht 0.3–0.6 m. Alt 150–450 m. EC

silenifolia (Haw.) Sweet

E. elliptica Thunb., not of Lam. (18)

Perennial. Dwarf shrub, succulent. Ht 0.01–0.05 m. Alt 6–640 m. WC, EC

siliciicola Dinter = **E. juttae**

similis A.Berger = **E. ingens**

spartaria N.E.Br.

Perennial. Shrub, succulent. Ht 0.4–1 m. Alt 1700–2250 m. N

spicata E.Mey. ex Boiss.

Perennial. Dwarf shrub, succulent. Ht 0.1–0.15 m. Alt ± 1000 m. NC

spinea N.E.Br.

E. mammilosa Lem. (18)

Perennial. Shrub. Ht 0.1–0.3 m. Alt 550–750 m. NC

spissiflora S.Carter

Perennial. Herb. Ht 0.3–0.5 m. Alt ± 1060 m. B

squarrosa Haw.

Perennial. Shrub, dwarf shrub, succulent. Ht 0.02–0.3 m. Alt 155–700 m. EC

stapelioides Boiss.

Perennial. Dwarf shrub, succulent. Ht 0.01–0.05 m. Alt 25–100 m. N, NC

stellaespina E.Phillips, not of Haw. = **E. pillansii** var. **pillansii**

stellata Willd.

Perennial. Dwarf shrub, succulent. Ht 0.05–0.1 m. Alt 50–450 m. EC

stellispina Haw. var. **astrispina** (N.E.Br.) A.C.White, R.A.Dyer & B.Sloane

E. astrispina N.E.Br. (18)

Perennial. Shrub, dwarf shrub, succulent. Ht 0.1–0.3 m. Alt ± 1000 m. WC

stellispina Haw. var. **stellispina**

?*E. cucumerina* Willd. (18)

Perennial. Shrub, succulent. Ht 0.3–1.2 m. Alt 450–1250 m. NC, WC

stolonifera Marloth

Perennial. Shrub, succulent. Ht 0.3–1 m. Alt 380–1000 m. NC, WC

- striata** Thunb. var. **cuspidata** (Boiss.) N.E.Br.
Perennial. Dwarf shrub, herb. Ht 0.15–0.4 m. Alt? KZN
- striata** Thunb. var. **striata**
Perennial. Dwarf shrub, herb. Ht 0.15–0.75 m. Alt 15–2590 m. LIM, NW, G, M, S, FS, KZN, L, EC
- submammillaris** (A.Berger) A.Berger (insufficiently known) (18)
Perennial. Dwarf shrub, succulent. Ht 0.05–0.1 m. Alt? Distr.?
- subsalsa** Hiern subsp. **fluvialis** L.C.Leach
Perennial. Dwarf shrub, succulent. Ht 0.3–0.5 m. Alt ± 1080 m. N
- subsalsa* Hiern var. *kaokoensis* A.C.White, R.A.Dyer & B.Sloane = **E. kaokoensis**
- suffulta** Bruyns
Perennial. Shrub, succulent. Ht 0.2–1.2 m. Alt 600–1000 m. WC
- superans** Nel (insufficiently known) (18)
Perennial. Dwarf shrub, succulent. Ht 0.05–0.11 m. Alt? EC
- suppressa** J.G.Marx
Perennial. Dwarf shrub, succulent. Ht 0.05–0.12 m. Alt ± 1100 m. WC
- susannae** Marloth
Perennial. Dwarf shrub, succulent. Ht 0.02–0.2 m. Alt 700–800 m. WC
- symmetrica* A.C.White, R.A.Dyer & B.Sloane = **E. obesa** subsp. **symmetrica**
- systyloides** Pax subsp. **porcaticapsa** S.Carter
Annual. Herb. Ht 0.3–1 m. Alt ± 1400 m. N
- tenax** Burch.
Perennial. Shrub, succulent. Ht ± 0.6 m. Alt? WC
- tetragona** Haw.
Perennial. Tree, succulent. Ht 3.5–12 m. Alt 395–955 m. KZN, EC
- tettensis** Klotzsch
Chamaesyce tettensis (Klotzsch) Koutnik (37, 51)
Annual. Erect or prostrate herb. Ht 0.1–0.3 m. Alt ?–380 m. LIM, M
- tirucalli** L.
Perennial. Tree, shrub, succulent. Ht 0.2–9 m. Alt 30–1465 m. N, B, LIM, G, M, S, KZN, EC
- tortirama** R.A.Dyer
Perennial. Dwarf shrub, succulent. Ht 0.1–0.25 m. Alt 800–1250 m. LIM
- transvaalensis** Schltr.
E. galpinii Pax, illegitimate name (18)
Perennial. Shrub, dwarf shrub, succulent. Ht 0.3–1.2 m. Alt 610–1220 m. N, B, LIM, M, S
- triangularis** Desf.
E. evansii in sense of N.E.Br. in part, not of Pax, misapplied name (18)
Perennial. Tree, succulent. Ht 2.5–15 m. Alt 5–1665 m. M, S, KZN, EC
- trichadenia** Pax var. **trichadenia**
Perennial. Dwarf shrub, herb, succulent. Ht 0.05–0.12 m. Alt 185–1670 m. N, B, LIM, NW, G, KZN
- tridentata** Lam.
Perennial. Dwarf shrub, succulent. Ht 0.05–0.2 m. Alt 460–580 m. EC
- truncata* N.E.Br. = **E. clavarioides** var. **truncata**
- tuberculata** Jacq. var. **macowani** (N.E.Br.) A.C.White, R.A.Dyer & B.Sloane
E. macowani N.E.Br. (18)
Perennial. Shrub, succulent. Ht 0.2–0.5 m. Alt 300–400 m. WC
- tuberculata** Jacq. var. **tuberculata**
Perennial. Shrub, succulent. Ht 0.2–1 m. Alt 30–395 m. WC
- tuberculatoides** N.E.Br.
Perennial. Dwarf shrub, succulent. Ht? Alt 100–450 m. WC
- tuberosa** L.
Perennial. Dwarf shrub, succulent. Ht 0.03–0.15 m. Alt 60–1100 m. WC
- tubiglans** Marloth ex R.A.Dyer
Perennial. Dwarf shrub, succulent. Ht 0.02–0.15 m. Alt 30–915 m. WC, EC
- tugelensis** N.E.Br.
Perennial. Shrub, succulent. Ht 0.5–1 m. Alt ?–610 m. KZN
- vaalputsiana** L.C.Leach
Perennial. Dwarf shrub, succulent. Ht 0.15–0.2 m. Alt ± 1100 m. NC
- valida* N.E.Br. = **E. meloformis** subsp. **valida**
- vandermerwei** R.A.Dyer
Perennial. Dwarf shrub, succulent. Ht 0.1–0.35 m. Alt 640–800 m. M
- venenata** Marloth
Perennial. Shrub, succulent. Ht 1.2–2 m. Alt ± 320 m. N
- venteri** L.C.Leach ex R.H.Archer & S.Carter
Perennial. Dwarf shrub. Ht 0.1–0.15 m. Alt ± 1220 m. B
- verruculosa** N.E.Br.
Perennial. Dwarf shrub, succulent. Ht 0.05–0.15 m. Alt 50–250 m. N
- versicolores** G.Will.
Perennial. Dwarf shrub, succulent. Ht 0.1–0.24 m. Alt ± 750 m. NC
- viperina* A.Berger = **E. inermis** var. **inermis**
- virosa** Willd. subsp. **virosa**
E. dinteri A.Berger (26)
Perennial. Shrub, succulent. Ht 1.5–2 m. Alt ?–680 m. N, NC
- volkmanniae** Dinter
Perennial. Shrub, succulent. Ht 1.5–2 m. Alt ± 1400 m. N
- wahlbergii* Boiss., illegitimate name = **E. epicyparisias**
- waterbergensis** R.A.Dyer
Perennial. Shrub, succulent. Ht 0.5–1.2 m. Alt 850–950 m. LIM
- wilmaniae** Marloth
Perennial. Dwarf shrub, succulent. Ht 0.02–0.2 m. Alt 750–915 m. NC
- woodii** N.E.Br.
E. discreta N.E.Br. (18)
E. passa N.E.Br. (18)
E. procumbens in sense of N.E.Br. (1925), misapplied name (18)

- Perennial. Dwarf shrub, succulent. Ht 0.02–0.1 m. Alt 10–670 m. KZN, EC
- zambesiana** Benth var. **zambesiana**
Chamaesyce zambesiana (Benth.) Koutnik var. *zambesiana* (51)
Perennial. Prostrate or erect herb, dwarf shrub. Ht ± 0.05 m, ± 0.5 m in diameter. Alt ?–610 m. S, KZN
- zoutpansbergensis** R.A.Dyer
Perennial. Tree, succulent. Ht 2–8 m. Alt ± 1250 m. LIM
- EXCOECARIA** L. 4478010
(1) Léonard. 1959. *Bulletin du Jardin Botanique de l'État Bruxelles* 29: 133–140.
(2) Radcliffe-Smith. 1996. *FZ* 9,4: 315–318.
- bussei** (Pax) Pax
Sapium bussei Pax (1)
Perennial. Tree. Ht 1–10 m. Alt 800–1150 m. N, B
- magenjensis** Sim = **Maprounea africana**
- simii** (Kuntze) Pax
Sapium simii Kuntze (1)
Perennial. Tree, shrub. Ht 0.2–2.5 m. Alt 3–1220 m. KZN, EC
- FLUEGGEA** Willd. 4298000
(1) Webster. 1984. *Allertonia* 3: 259–312.
(2) Radcliffe-Smith. 1996. *FZ* 9,4: 29–32.
- microcarpa** Blume = **F. virosa** subsp. **virosa**
- verrucosa** (Thunb.) G.L.Webster
Phyllanthus verrucosus Thunb. (1)
Perennial. Shrub. Ht 0.6–2.5 m. Alt 15–1220 m. KZN, EC
- virosa** (Roxb. ex Willd.) Voigt subsp. **virosa**
F. microcarpa Blume (1)
Phyllanthus virosus Roxb. ex Willd. (1)
Securinega virosa (Roxb. ex Willd.) Pax & K.Hoffm. (1)
Perennial. Tree, shrub. Ht 0.3–7.5 m. Alt 25–1300 m. N, B, LIM, NW, G, M, S, KZN
- GELONIUM** Willd. 4464010
africanum (Sond.) Müll.Arg. = **Suregada africana**
procerum Prain = **Suregada procera**
serratum Pax & K.Hoffm. = **Suregada zanzibariensis**
zanzibariense (Baill.) Müll.Arg. = **Suregada zanzibariensis**
- GROSSERA** Pax 4353010
aurea Cavaco = **Cavacoa aurea**
- HEYWOODIA** Sim 4291010
(1) Radcliffe-Smith. 1996. *FZ* 9,4: 6, 7.
- lucens** Sim
Perennial. Tree. Ht 2–25 m. Alt 5–585 m. S, KZN, EC
- ***HOMALANTHUS** A.Juss. 4480000
(1) Radcliffe-Smith. 1987. *FTEA* Euphorbiaceae: 381, 382.
(2) Radcliffe-Smith. 2001. *Genera Euphorbiacearum*: 354, 355.
- populifolius** Graham
Perennial. Tree, shrub. Ht 2–3.5 m. Alt ?–550 m. WC
- HYAENANCHE** Lamb. & Vahl 4336000
(1) Hutchinson. 1920. *FC* 4,2: 408, 409.
(2) Phillips. 1941. *The Flowering Plants of South Africa* 21: t. 837.
(3) Radcliffe-Smith. 2001. *Genera Euphorbiacearum*: 89.
- globosa** (Gaertn.) Lamb & Vahl
Toxicodendrum capense Thunb. (3)
Toxicodendrum globosum (Gaertn.) Pax & K.Schum. (3)
Perennial. Tree. Ht 1.98–4.26 m. Alt 45–670 m. WC
- HYMENOCARDIA** Wall. ex Lindl. 4325000
(1) Radcliffe-Smith. 1996. *FZ* 9,4: 113–117.
- capensis** (Pax) Hutch. = **H. ulmoides**
- ulmoides** Oliv.
H. capensis (Pax) Hutch. (1)
H. ulmoides Oliv. var. *capensis* Pax (1)
Perennial. Tree, shrub. Ht 1.5–20 m. Alt 5–549 m. LIM, KZN
- ulmoides** Oliv. var. *capensis* Pax = **H. ulmoides**
- JATROPHA** L. 4433000
(1) Prain. 1920. *FC* 5,2: 418–427.
(2) Radcliffe-Smith. 1991. *Kew Bulletin* 46: 141–157.
(3) Radcliffe-Smith. 1996. *FZ* 9,4: 253–272.
- botswanaica** Radcl.-Sm.
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 1000–1050 m. B
- brachyadenia** Pax & K.Hoffm. = **J. zeyheri**
- capensis** (L.f.) Sond.
Perennial. Shrub, dwarf shrub. Ht 0.3–2 m. Alt 155–1160 m. EC
- ***curcas** L.
Perennial. Tree, shrub. Ht 0.5–3(–7) m. Alt 413–1830 m. N, LIM, M, S, KZN
- decumbens** Pax & K.Hoffm. probably = **J. seineri**
- erythropoda** Pax & K.Hoffm.
Perennial. Dwarf shrub, herb. Ht 0.05–0.22 m. Alt 795–1100 m. N, B, LIM, NC
- ***gossypifolia** L. var. **elegans** (Pohl) Müll.Arg.
Perennial. Tree, shrub. Ht 1–2 m. Alt 420–1350 m. LIM
- heterophylla** Pax = **J. variifolia**
- hirsuta** Hochst. var. **glabrescens** (Pax & K.Hoffm.) Prain
Perennial. Dwarf shrub, herb. Ht 0.15–0.7 m. Alt 15–450 m. KZN
- hirsuta** Hochst. var. **hirsuta**
Perennial. Dwarf shrub, herb. Ht 0.15–0.7 m. Alt 15–450 m. KZN
- hirsuta** Hochst. var. **oblongifolia** Prain
Perennial. Dwarf shrub, herb. Ht 0.15–0.45 m. Alt 304–1310 m. LIM, M, S
- lagarinthoides** Sond.
Perennial. Dwarf shrub, herb. Ht 0.08–0.5 m. Alt 610–1389 m. G, M, KZN
- latifolia** Pax var. **angustata** Prain
Perennial. Dwarf shrub, herb. Ht 0.2–1 m. Alt 701–1350 m. LIM, M
- latifolia** Pax var. **latifolia**
Perennial. Dwarf shrub, herb. Ht 0.3–1 m. Alt ?–1830 m. LIM, M, KZN
- latifolia** Pax var. **swazica** Prain
Perennial. Dwarf shrub, herb. Ht 0.25–0.6 m. Alt 385–1370 m. M, S
- messinica** E.A.Bruce = **J. spicata**

- *multifida** L.
Perennial. Shrub. Ht 0.5–2.5 m. Alt 50–450 m. KZN
- natalensis** Müll.Arg.
Perennial. Dwarf shrub, herb. Ht up to 1 m. Alt 305–825 m. KZN
- orangeana** Dinter ex P.G.Mey.
Perennial. Shrub, dwarf shrub. Ht 0.7–1.52 m. Alt ?–600 m. N, NC
- *podagrica** Hook.
Perennial. Shrub. Ht 0.5–2 m. Alt ?–1450 m. M, KZN
- pseudoglandulifera** Pax = **J. spicata**
- schlechteri** Pax subsp. **schlechteri**
Perennial. Dwarf shrub, herb. Ht 0.25–0.4 m. Alt 850–1120 m. M, S, KZN
- schlechteri** Pax subsp. **setifera** (Hutch.) Radcl.-Sm.
J. setifera Hutch. (2, 3)
Perennial. Dwarf shrub, herb. Ht 0.25–0.4 m. Alt 900–1550 m. B, LIM, G
- seineri** Pax var. **seineri**
Perennial. Dwarf shrub, herb. Ht 0.15–0.42 m. Alt ± 915 m. N, B
- setifera** Hutch. = **J. schlechteri** subsp. **setifera**
- spicata** Pax
J. messinica E.A.Bruce (2)
J. pseudoglandulifera Pax (3)
Perennial. Shrub. Ht 0.3–1.25 m. Alt 364–765 m. N, LIM
- variifolia** Pax
J. heterophylla Pax (1)
Perennial. Shrub, dwarf shrub, herb. Ht 0.3–2 m. Alt 30–1000 m. LIM, M, S, KZN, EC
- woodii** Kuntze
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 450–750 m. KZN
- zeyheri** Sond.
J. brachyadenta Pax & K.Hoffm. (1)
J. zeyheri Sond. var. *platyphylla* Pax (2, 3)
J. zeyheri Sond. var. *subsimpler* Prain (2, 3)
Perennial. Dwarf shrub, herb. Ht 0.1–2.43 m. Alt 120–1415 m. B, LIM, NW, G, M, S, KZN
- zeyheri** Sond. var. *platyphylla* Pax = **J. zeyheri**
- zeyheri** Sond. var. *subsimpler* Prain = **J. zeyheri**
- LACHNOSTYLIS** Turcz. 4291000
(1) Hutchinson. 1915. *FC* 5,2: 383, 384.
(2) Dyer. 1943. *South African Journal of Science* 40: 123–126.
- bilocularis** R.A.Dyer
Perennial. Tree, shrub. Ht 2–5 m. Alt 258–1200 m. WC, EC
- capensis** Turcz. = **L. hirta**
- hirta** (L.f.) Müll.Arg.
Discocarpus hirtus (L.f.) Pax & K.Hoffm.
L. capensis Turcz. (2)
Perennial. Tree, shrub. Ht 1.5–8 m. Alt 10–305 m. WC, EC
- LEIDESIA** Müll.Arg. 4372000
(1) Pax. 1914. *Das Pflanzenreich* 63: 284–286.
(2) Prain. 1920. *FC* 5,2: 462–464.
(3) Radcliffe-Smith. 1996. *FZ* 9,4: 159–161.
- capensis** (Sond.) Müll.Arg. = **L. procumbens**
- firmula** Prain = **Seidelia firmula**
- obtusata** (Thunb.) Müll.Arg. = **L. procumbens**
- procumbens** (L.) Prain
L. capensis (Sond.) Müll.Arg. (1)
L. obtusata (Thunb.) Müll.Arg. (1)
Annual. Semisucculent, herb. Ht 0.1–0.4 m. Alt 5–2160 m. LIM, S, KZN, WC, EC
- MACARANGA** Thouars 4400000
(1) Prain. 1920. *FC* 5,2: 485–487.
(2) Radcliffe-Smith. 1996. *FZ* 9,4: 161–165.
- capensis** (Baill.) Benth. ex Sim
Perennial. Tree. Ht 2.5–25 m. Alt 5–765 m. KZN, EC
- *MANIHOT** Mill. 4444000
(1) Rogers & Appan. 1973. *Flora Neotropical Monograph* 13: 19–256.
(2) Radcliffe-Smith. 1996. *FZ* 9,4: 244–247.
- dichotoma** Ule
Perennial. Tree. Ht 1–10 m. Alt? KZN
- dulcis** (J.F.Gmel.) Pax = **M. esculenta**
- esculenta** Crantz
M. dulcis (J.F.Gmel.) Pax (2)
M. utilissima Pohl (2)
Perennial. Tree. Ht 1.5–6 m. Alt 450–1600 m. LIM, G, M, KZN
- glaziovii** Müll.Arg.
Perennial. Tree. Ht 1–10 m. Alt? KZN
- grahamii** Hook.
Perennial. Tree. Ht 1–5 m. Alt ± 1000 m. N
- utilissima** Pohl = **M. esculenta**
- MAPROUNEA** Aubl. 4485000
(1) Radcliffe-Smith. 1996. *FZ* 9,4: 325–327.
(2) Esser. 2001. In Radcliffe-Smith, *Genera Euphorbiacearum*: 392, 393.
- africana** Müll.Arg.
Excoecaria magenjensis Sim (1)
Perennial. Tree. Ht 1.5–8 m. Alt 850–1000 m. N
- MARGARITARIA** L.f. 4299020
(1) Webster. 1979. *Journal of the Arnold Arboretum* 60: 403–444.
(2) Radcliffe-Smith. 1996. *FZ* 9,4: 32–36.
- discoidea** (Baill.) G.L.Webster var. **fagifolia** (Pax) Radcl.-Sm.
M. discoidea (Baill.) G.L.Webster subsp. *nitida* (Pax) G.L.Webster in part (2)
Phyllanthus amapondensis Sim (1)
Perennial. Tree. Ht 1.5–30 m. Alt 1100–1500 m. S, KZN, EC
- discoidea** (Baill.) G.L.Webster var. **nitida** (Pax) Radcl.-Sm.
M. discoidea (Baill.) G.L.Webster subsp. *nitida* (Pax) G.L.Webster in part (2)
Phyllanthus flacourtioides Hutch. (2)
Perennial. Tree, shrub. Ht 1–7 m. Alt 5–1450 m. N, B, LIM, M, S, KZN
- discoidea** (Baill.) G.L.Webster subsp. *nitida* (Pax) G.L.Webster in part = **M. discoidea** var. **fagifolia**
- discoidea** (Baill.) G.L.Webster subsp. *nitida* (Pax) G.L.Webster in part = **M. discoidea** var. **nitida**
- *MERCURIALIS** L. 4371000
(1) Prain. 1920. *FC* 5,2: 461, 462.
(2) Radcliffe-Smith. 2001. *Genera Euphorbiacearum*: 205.

annua L.

Annual, occ. perennial. Herb. Ht 0.2–0.45 m. Alt 5–250 m. WC

MICROCOCCA Benth. 4367000

- (1) Prain. 1920. *FC* 5,2: 460, 461.
(2) Radcliffe-Smith. 1997. *FZ* 9,4: 176–179.

capensis (Baill.) Prain

Perennial. Shrub or small tree. Ht 0.5–5 m. Alt 15–1850 m. LIM, M, S, KZN, EC

mercurialis (L.) Benth.

Annual. Herb. Ht 0.2–0.5 m. Alt ± 1300 m. B

MONADENIUM Pax 4503000

- (1) Brown. 1911. *FTA* 6,1: 452.
(2) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 223.
(3) Bally. 1961. *The genus Monadenium*: 56, 57.
(4) Carter. 2001. *FZ* 9,5: 438–451.

lugardiae N.E.Br.

Perennial. Shrub, succulent. Ht 0.2–1 m. Alt 45–1365 m. B, LIM, M, S, KZN

***PEDILANTHUS** A.Poit. 4501000

- (1) Dressler. 1957. *Contributions from the Gray Herbarium of Harvard University* 182: 1–188.
(2) Carter. 2001. *FZ* 9,5: 451, 452.

tithymaloides (L.) A.Poit. subsp. **smallii** (Millsp.) Dressler

Perennial. Shrub, succulent. Ht 0.2–1.5 m. Alt 25–? m. M, KZN

PHYLLANTHUS L. 4299000

- (1) Hutchinson. 1920. *FC* 5,2: 386–401.
(2) Meyer. 1967. *FSWA* 67: 1–46.
(3) Radcliffe-Smith. 1987. *FTEA Euphorbiaceae*: 9–63.
(4) Radcliffe-Smith. 1996. *Kew Bulletin* 51: 305–330.
(5) Radcliffe-Smith. 1996. *FZ* 9,4: 36–85.
(6) Archer. Personal communication.

amapondensis Sim = **Margaritaria discoidea** var. **fagi-
folia**

angolensis in sense of Radcl.-Sm., not of Müll.Arg. = **P.
loandensis**

asperulatus Hutch.

Annual. Herb. Ht 0.2–0.45 m. Alt 560–1050 m. N, B, LIM, M, S

burchellii Müll.Arg. = **P. parvulus** var. **garipensis****cedrifolius** I.Verd. = **P. polyanthus****cinereoviridis** Pax

Perennial. Shrub. Ht? Alt? N

delagoensis Hutch.

Annual to perennial. Herb. Ht 0.2–0.6 m. Alt 30–250 m. M, S, KZN

dinteri Pax

Perennial. Shrub, dwarf shrub. Ht 0.3–0.76 m. Alt ?–600 m. N

flacourtioides Hutch. = **Margaritaria discoidea** var. **nitida*****fraternus** G.L.Webster

P. niruri L. in part (5)

Annual. Herb. Ht 0.1–0.45 m. Alt 90–1830 m. B, M, S

garipensis E.Mey. ex Drège = **P. parvulus** var. **garipen-
sis****genistoides** Sond. = **P. incurvus****gillettianus** J.F.Brunel ex Radcl.-Sm.

Annual. Herb. Ht 0.08–0.45 m. Alt 90–1815 m. B

glaucophyllus Sond.

P. glaucophyllus Sond. var. *major* Müll.Arg. (5)
P. glaucophyllus Sond. var. *suborbicularis* Hutch. (5)

Perennial. Dwarf shrub, herb. Ht 0.08–0.45 m. Alt 35–1615 m. LIM, NW, G, S, KZN, EC

glaucophyllus Sond. var. *major* Müll.Arg. = **P. glaucophyllus****glaucophyllus** Sond. var. *suborbicularis* Hutch. = **P. glaucophyllus****graminicola** Hutch. ex S.Moore

P. rogersii Hutch. (5)

Perennial. Dwarf shrub, herb. Ht 0.2–0.35 m. Alt 1150–2100 m. LIM

guenzii Müll.Arg. = **P. maderaspatensis****heterophyllus** E.Mey. ex Müll.Arg.

Perennial. Dwarf shrub, herb. Ht 0.2–0.91 m. Alt 50–825 m. KZN, EC

humilis in the sense of Hutch., not of Pax = **P. parvulus** var. **parvulus****incurvus** Thunb.

P. genistoides Sond (1)
P. multicaulis Müll.Arg. (1)

Perennial. Dwarf shrub, herb. Ht 0.15–0.48 m. Alt 30–1580 m. N, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

kirkianus Müll.Arg. = **P. pinnatus****loandensis** Welw. ex Müll.Arg.

P. angolensis in sense of Radcl.-Sm., not of Müll.Arg. (5)
Perennial, annual. Dwarf shrub, shrub or herb. Ht 0.15–0.35 m. Alt 860–1372 m. N, LIM, NW, NC

macranthus Pax var. **macranthus**

Perennial. Shrub. Ht 0.5–1.5 m. Alt 460–1081 m. LIM

maderaspatensis L.

P. guenzii Müll.Arg. (1)
P. paxianus Dinter (6)
Annual or perennial. Herb. Ht 0.1–1 m. Alt 45–1720 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

mendesii Brunel ex Radcl.-Sm.

Perennial. Shrub, dwarf shrub, herb. Ht 0.3–0.4(–0.8) m. Alt 5–1290 m. N, B

meyerianus Müll.Arg.

Perennial. Shrub, dwarf shrub, herb. Ht 0.3–1 m. Alt 5–1890 m. LIM, M, KZN, L

mozambicensis Gand. = **P. parvulus** var. **parvulus****multicaulis** Müll.Arg. = **P. incurvus****myrtaceus** Sond.

Perennial. Shrub. Ht 0.5–2.5 m. Alt 305–2250 m. KZN, EC

niruri L. in part = **P. fraternus****nummulariifolius** Poir. var. **nummulariifolius**

Perennial or annual. Dwarf shrub, herb or shrub. Ht 0.1–0.6(–2) m. Alt 70–1555 m. LIM, M, KZN

omahakensis Dinter & Pax

Annual. Herb. Ht 0.1–0.3 m. Alt 975–1035 m. N, B, NC

ovalis Sond. = **Andrachne ovalis**

parvulus Sond. var. **garipensis** (E.Mey. ex Drège) Radcl.-Sm.

P. burchellii Müll.Arg. (5)

P. garipensis E.Mey. ex Drège (5)

P. tenellus Roxb. var. *garipensis* (E.Mey. ex Drège) Müll.Arg. (6)

Perennial. Dwarf shrub, herb. Ht 0.1–2.28 m. Alt 15–1713 m. LIM, NW, G, M, S, KZN, NC, EC

parvulus Sond. var. **parvulus**

P. mozambicensis Gand. (5)

P. humilis in the sense of Hutch., not of Pax (5, 6)

Perennial. Dwarf shrub, herb. Ht 0.1–2.28 m. Alt 15–1713 m. N, B, LIM, NW, G, M, FS, NC

paxianus Dinter = **P. maderaspatensis**

pentandrus Schumach. & Thonn.

Annual, subperennial. Dwarf shrub, herb. Ht 0.14–0.6 m. Alt 185–1200 m. N, B, LIM, M, S, KZN

pinnatus (Wight) G.L.Webster

P. kirkiianus Müll.Arg. (3)

Perennial. Shrub, tree. Ht 0.6–2 m. Alt 185–520 m. LIM

polyanthus Pax

P. cedrifolius I.Verd. (3)

Perennial. Shrub, tree. Ht 0.5–8 m. Alt 185–520 m. KZN, EC

purpureus Müll.Arg.

Perennial. Shrub. Ht 0.5–1 m. Alt 150–550 m. N

reticulatus Poir. var. **reticulatus**

Perennial. Tree, shrub. Ht 1–5(–9) m. Alt 5–1400 m. N, B, LIM, M, S, KZN

rogersii Hutch. = **P. graminicola**

tenellus Roxb. var. *garipensis* (E.Mey. ex Drège)

Müll.Arg. = **P. parvulus** var. **garipensis**

verrucosus Thunb. = **Flueggea verrucosa**

virosus Roxb. ex Willd. = **Flueggea virosa** subsp. **virosa**

PLUKENETIA L. 4421010

(1) Radcliffe-Smith. 1996. *FZ* 9,4: 210–212 (as '*Pterococcus*').

(2) Radcliffe-Smith. 2001. *Genera Euphorbiacearum*: 247, 248.

africana Sond.

P. hastata Müll.Arg. (1)

Pseudotragia scandens Pax (1)

Pseudotragia schinzii Pax (1)

Pterococcus africana (Sond.) Pax & K.Hoffm. (2)

Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 950–1100 m. N, B

hastata Müll.Arg. = **P. africana**

POINSETTIA Graham 4498020

cyathophora (J.Murray) Bartl. = **Euphorbia cyathophora**

geniculata (Ortega) Klotzsch & Garcke = **Euphorbia heterophylla**

pulcherrima (Klotzsch.) Graham = **Euphorbia pulcherrima**

PSEUDOLACHNOSTYLIS Pax 4295000

(1) Meyer. 1967. *FSWA* 67: 1–46.

(2) Radcliffe-Smith. 1996. *FZ* 9,4: 22–27.

dekindtii Pax = **P. maprouneifolia** var. **dekindtii**

maprouneifolia Pax var. **dekindtii** (Pax) Radcl.-Sm.

P. dekindtii Pax (2)

Perennial. Tree, shrub. Ht 2.5–13.71 m. Alt ?–910 m. N, B, LIM

maprouneifolia Pax var. **glabra** (Pax) Brenan

Perennial. Tree. Ht ± 5 m. Alt ?–1100 m. N, B, LIM, NW, G, M

maprouneifolia Pax var. **maprouneifolia**

Perennial. Tree, shrub. Ht 1.06–12.19 m. Alt 109–1495 m. B

PSEUDOTRAGIA Pax 4421020

scandens Pax = **Plukenetia africana**

schinzii Pax = **Plukenetia africana**

PTEROCOCCUS Hassk. 4421000

africanus (Sond.) Pax & K.Hoffm. = **Plukenetia africana**

RICINODENDRON Müll.Arg. 4463000

rautaneii Schinz = **Schinziophyton rautaneii**

***RICINUS** L. 4424000

(1) Prain. 1920. *FC* 5,2: 487.

(2) Radcliffe-Smith. 1996. *FZ* 9,4: 156–159.

communis L. var. **communis**

Perennial. Tree, shrub. Ht 0.6–7 m. Alt 15–1465 m. N, B, LIM, NW, G, M, S, KZN, L, NC, WC, EC

SAPIUM P.Browne 4483000

bussei Pax = **Excoecaria bussei**

ellipticum (Hochst.) Pax = **Shirakiopsis elliptica**

integerrimum (Hochst.) J.Léonard = **Sclerocroton integerrimum**

mannianum (Müll.Arg.) Benth. = **Shirakiopsis elliptica**

reticulatum Pax = **Sclerocroton integerrimum**

simii Kuntze = **Excoecaria simii**

SCHINZIOPHYTON Hutch. ex Radcl.-Sm. 4463010

(1) Radcliffe-Smith. 1990. *Kew Bulletin* 45: 157.

rautaneii (Schinz) Radcl.-Sm.

Ricinodendron rautaneii Schinz (1)

Perennial. Tree. Ht 4.5–20 m. Alt ?–1225 m. N, B, LIM

SCLEROCROTON Hochst. 4478030

(1) Léonard. 1959. *Bulletin du Jardin Botanique de l'État Bruxelles* 29: 142.

(2) Radcliffe-Smith. 1987. *FZ*: 9,4: 323.

(3) Esser. 2001. In Radcliffe-Smith, *Genera Euphorbiacearum*: 378.

integerrimum Hochst.

Sapium integerrimum (Hochst.) J.Léonard (2, 3)

Sapium reticulatum Pax (2)

Perennial. Tree, shrub. Ht 2–9 m. Alt 15–460 m. M, S, KZN

reticulatum Pax = **S. integerrimum**

SECURINEGA Comm. ex Juss. 4297000

schlechteri Pax = **Cleistanthus schlechteri** var. **schlechteri**

virosa (Roxb. ex Willd.) Pax & K.Hoffm. = **Flueggea virosa** subsp. **virosa**

- SEIDELIA** Baill. 4373000
 (1) Pax. 1914. *Das Pflanzenreich* 63: 282–284.
 (2) Meyer. 1967. *FSWA* 67: 1–46.
 (3) Radcliffe-Smith. 2001. *Genera Euphorbiacearum*: 206, 207.
firmula (Prain) Pax & K.Hoffm.
Leidesia firmula Prain (1)
 Annual. Herb. Ht 0.15–0.3 m. Alt 500–1300 m. N
mercurialis Baill. = **S. triandra**
pumila (Sond.) Baill.
 Annual. Herb. Ht 0.15–0.3 m. Alt 5–250 m. EC
triandra (E.Mey.) Pax
S. mercurialis Baill. (2)
 Annual. Herb. Ht 0.15–0.25 m. Alt ?–1370 m. N, FS,
 NC
- SHIRAKIOPSIS** Esser 4478050
 (1) Radcliffe-Smith. 1987. *FZ* 9,4: 324, 325.
 (2) Esser. 2001. *Kew Bulletin* 56: 1017, 1018.
 (3) Esser. 2001. In Radcliffe-Smith, *Genera Euphorbiacearum*: 380,
 381.
elliptica (Hochst.) Esser
Sapium ellipticum (Hochst.) Pax (2)
Sapium mannianum (Müll.Arg.) Benth. (1)
 Perennial. Tree. Ht 3–15 m. Alt 30–1200 m. S, KZN,
 EC
- SPHAEROSTYLIS** Baill. 4419000
natalensis (Sond.) Croizat = **Tragiella natalensis**
- SPIROSTACHYS** Sond. 4478000
 (1) Radcliffe-Smith. 1996. *FZ* 9,4: 313–315.
 (2) Esser. 2001. In Radcliffe-Smith, *Genera Euphorbiacearum*: 362,
 363.
africana Sond.
 Perennial. Tree, shrub. Ht 0.5–15 m. Alt 60–1370 m.
 N, B, LIM, NW, G, M, S, KZN
- SUREGADA** Roxb. ex Rottler 4464000
 (1) Léonard. 1958. *Bulletin du Jardin Botanique de l'État Bruxelles*
 28: 443–450.
 (2) Radcliffe-Smith. 1996. *FZ* 9,4: 249–253.
africana (Sond.) Kuntze
Gelonium africanum (Sond.) Müll.Arg. (1)
 Perennial. Tree, shrub. Ht 1–3 m. Alt 15–1640 m.
 LIM, M, S, KZN, EC
procera (Prain) Croizat
Gelonium procerum Prain (1)
 Perennial. Tree. Ht 3–8(–24) m. Alt 120–1675 m.
 LIM, KZN, EC
zanzibariensis Baill.
Gelonium serratum Pax & K.Hoffm. (1)
Gelonium zanzibariense (Baill.) Müll.Arg. (1)
 Perennial. Tree. Ht 0.5–10 m. Alt 90–1100 m. S, KZN
- SYNADENIUM** Boiss. 4500000
 (1) Brown. 1915. *FC* 5,2: 220, 221.
 (2) White *et al.* 1941. *The succulent Euphorbiae*: 953–956, 966.
 (3) Carter. 2001. *FZ* 9,5: 434–438.
arborescens Boiss. = **S. cupulare**
cupulare (Boiss.) L.C.Wheeler
Euphorbia cupularis Boiss. (2)
S. arborescens Boiss. (2)
 Perennial. Tree, shrub, succulent. Ht 1.2–6 m. Alt
 30–1370 m. LIM, M, S, KZN
- TOXICODENDRUM** Thunb. 4336010
capense Thunb. = **Hyaenanche globosa**
globosum (Gaertn.) Pax & K.Schum. = **Hyaenanche**
globosa
- TRAGIA** L. 4416000
 (1) Pax. 1916. *Das Pflanzenreich* 68,1: 32–101.
 (2) Prain. 1920. *FC* 5,2: 502–511.
 (3) Meyer. 1967. *FSWA* 67: 1–46.
 (4) Radcliffe-Smith. 1987. *Kew Bulletin* 42: 395–399.
 (5) Radcliffe-Smith. 1996. *FZ* 9,4: 216–238.
benthamii Baker
 Perennial. Dwarf shrub, herbaceous climber. Ht 0.2–3
 m. Alt ± 1000 m. B
collina Prain
 Perennial. Dwarf shrub, herb. Ht 0.1–0.15 m. Alt?
 KZN
dinteri Pax
 Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt ±
 1325 m. N
dioica Sond.
T. schinzii Pax (4)
 Perennial. Dwarf shrub, herb. Ht 0.15–0.6 m. Alt 275–
 1380 m. N, B, LIM, NW, G, M, NC
durbanensis Kuntze = **T. glabrata** var. **glabrata**
gardneri Prain
 Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt ±
 1050 m. B
glabrata (Müll.Arg.) Pax & K.Hoffm. var. **glabrata**
T. durbanensis Kuntze (5)
 Perennial. Dwarf shrub, herb. Ht 1.5–3 m. Alt 5–210
 m. KZN, EC
incisifolia Prain
 Perennial. Herb. Ht 0.25–0.4 m. Alt 150–1450 m.
 LIM, G, M, KZN
kirkiana Müll.Arg.
 Perennial. Herb, climber. Ht 0.25–3 m. Alt 150–1450
 m. LIM
lancifolia Dinter ex Pax & K.Hoffm.
 Perennial. Dwarf shrub, herb. Ht? Alt ± 1400 m. N
meyeriana Müll.Arg.
 Perennial. Herb. Ht 0.1–0.15 m. Alt 15–1280 m. S,
 KZN, EC
minor Sond.
 Perennial. Dwarf shrub, herb. Ht 0.15–0.4 m. Alt 457–
 1535 m. NW, G, M, S, KZN
natalensis Sond. = **Tragiella natalensis**
okanyua Pax
 Perennial. Dwarf shrub, herb, climber. Ht 0.4–3 m. Alt
 410–1435 m. N, B, LIM, NW, G, M, S
physocarpa Prain
 Perennial. Dwarf shrub. Ht 0.1–0.35 m. Alt 1280–
 1450 m. N, G
prionoides Radcl.-Sm.
 Perennial. Dwarf shrub, herb, climber. Ht 0.4–9 m. Alt
 410–1500 m. NW, G
rogersii Prain
 Perennial. Dwarf shrub, herb. Ht up to 0.5 m. Alt ?–
 1370 m. M

rupestris Sond.

Perennial. Shrub, dwarf shrub, herb, climber. Ht 0.2–3 m. Alt 50–1525 m. LIM, NW, G, M, S, KZN

schinzii Pax = **T. dioica****sonderi** Prain

Perennial. Shrub, dwarf shrub, herb, climber. Ht 0.2–0.9 m. Alt ?–1525 m. S, KZN

stipularis Radcl.-Sm.

Perennial. Shrub, dwarf shrub, herb, climber. Ht 0.2–0.9 m. Alt ± 1000 m. B

wahlbergiana Prain

Perennial. Shrub, dwarf shrub, herb, climber. Ht 0.2–0.9 m. Alt 50–1525 m. G

TRAGIELLA Pax & K.Hoffm. 4416020

- (1) Pax & Hoffmann. 1919. *Das Pflanzenreich* 68: 105.
- (2) Radcliffe-Smith. 1996. *FZ* 9,4: 97–216.

natalensis (Sond.) Pax & K.Hoffm.

Sphaerostylis natalensis (Sond.) Croizat (2)
Tragia natalensis Sond. (2)

Perennial. Dwarf shrub. Ht 0.5–1.5(–3) m. Alt 5–1450 m. LIM, M, S, KZN, EC

***VERNICIA** Lour. 4428010

(1) Airy Shaw. 1966. *Kew Bulletin* 20: 393–395.

(2) Radcliffe-Smith. 1996. *FZ*: 301–303.

(3) Stuppy *et al.* 1999. *Blumea* 44: 73–98.

fordii (Hemsl.) Airy Shaw

Aleurites fordii Hemsl. (2)

Perennial. Tree. Ht 5–20 m. Alt 300–1600 m. G, M, KZN

montana Lour.

Aleurites montana (Lour.) Wilson (2)

Perennial. Tree. Ht. 3–15 m. Alt 400–1400 m. LIM, G, M, KZN

FABACEAE

Compiled by T. Nkonki, H.F. Glen, N. Swelankomo, M. Jordaan, G. Germishuizen & A. Moteetee

ABRUS Adans. 3856000

Compiled by T. Nkonki

- (1) Verdcourt. 1970. *Kew Bulletin* 24,2: 235–253.
- (2) Gillett *et al.* 1971. *FTEA Leguminosae* 3,1: 113–117.

laevigatus E.Mey.

Perennial. Climber. Ht 1–3 m. Alt 50–1615 m. N, LIM, NW, G, M, S, KZN, EC

precatorius L. subsp. **africanus** Verdc.

A. squamulosus E.Mey. (1)

Perennial. Climber. Ht 2.44–4.5 m. Alt 15–1500 m. N, B, LIM, M, S, KZN, EC

squamulosus E.Mey. = **A. precatorius** subsp. **africanus**

ACACIA Mill. 3446000

Compiled by T. Nkonki

- (1) Benth. 1842. *London Journal of Botany* 1: 318–392, 494–528.
- (2) Macbride. 1919. *Contributions from the Gray Herbarium of Harvard University* 59: 6–9.
- (3) Verdoorn. 1942. *The Flowering Plants of South Africa* 22: tt. 851, 860.
- (4) Verdoorn. 1956. *The Flowering Plants of Africa* 31: t. 1220.
- (5) Brenan & Exell. 1957. *Boletim da Sociedade Broteriana* 31: 99–142.
- (6) Ross. 1970. *The Flowering Plants of Africa* 40: t. 1586.
- (7) Ross. 1971. *The Flowering Plants of Africa* 41: tt. 1636, 1637.
- (8) Ross. 1972. *The Flowering Plants of Africa* 42: tt. 1652, 1653.
- (9) Ross. 1975. *FSA* 16,1: 24–114.
- (10) Ross. 1975. *Bothalia* 11: 107–113, 127–131, 231–234, 443–447, 453–470.
- (11) Ross. 1978. *The Flowering Plants of Africa* 44: t. 1749.
- (12) Ross. 1979. *The Flowering Plants of Africa* 45: t. 1796.
- (13) Ross & Killick. 1979. *Memoirs of the Botanical Survey of South Africa* No. 44: 1–150.
- (14) Ross. 1979. *The Flowering Plants of Africa* 45: t. 1797.
- (15) Lock. 1989. *Legumes of Africa*: 62–79.
- (16) Von Breitenbach. 1989. *Journal of Dendrology* 12: 1–10.
- (17) Hunde & Thulin. 1989. *Flora of Ethiopia* 3: 75–96.
- (18) Thulin. 1998. *Nordic Journal of Botany* 18: 513–517.
- (19) Swartz. 2002. In Coates Palgrave, *Keith Coates Palgrave Trees of southern Africa*, edn 3: 19, 285, 286, 289, 295.
- (20) Swartz. 2003. *Bothalia* 33: 164, 165.

albida Delile = **Faidherbia albida**

amboensis Schinz = **A. sieberiana** var. **woodii**

arabica (Lam.) Willd. var. *kraussiana* Benth. = **A. nilotica** subsp. **kraussiana**

arenaria Schinz

A. hermannii Baker f. (9)

A. rufobrunnea N.E.Br. (9)

Perennial. Tree, shrub. Ht 1.8–5 m. Alt 380–1200 m. N, B

***armata** R.Br.

Perennial. Shrub. Ht 1.5–3.5 m. Alt? G, WC

ataxacantha DC.

A. eriadenia Benth. (9)

A. lugardiae N.E.Br. (9)

Perennial. Tree, shrub, climber. Ht 3–15 m. Alt 150–1980 m. N, B, LIM, G, M, S, KZN

atomiphylla Burch. = **A. haematoxylon**

***baileyana** F.Muell.

Perennial. Tree, shrub. Ht 3–5 m. Alt 640–1600 m. LIM, NW, G, S, KZN, WC, EC

barbertonensis Schweick. = **A. borleae**

benthamii Rochebr. = **A. nilotica** subsp. **kraussiana**

borleae Burt Davy

A. barbertonensis Schweick. (9)

Perennial. Tree, shrub. Ht 1–5 m. Alt 52–1525 m. LIM, M, S, KZN

brevispica Harms subsp. **dregeana** (Benth.) Brenan

A. brevispica Harms var. *dregeana* (Benth.) J.H.Ross & Gordon-Gray (9)

A. pennata in sense of E.Mey. var. *dregeana* Benth., misapplied name (9)

Perennial. Tree, shrub, climber. Ht 1–5 m. Alt 107–1220 m. S, KZN, EC

brevispica Harms var. *dregeana* (Benth.) J.H.Ross & Gordon-Gray = **A. brevispica** subsp. **dregeana**

burkei Benth.

A. ferox Benth. (9)

Perennial. Tree. Ht 2–27 m. Alt 20–1310 m. B, LIM, NW, G, M, S

caffra (Thunb.) Willd.

A. caffra (Thunb.) Willd. var. *longa* Glover (9)

A. caffra (Thunb.) Willd. var. *namaquensis* Eckl. & Zeyh. (9)

- A. caffra* (Thunb.) Willd. var. *tomentosa* Glover (9)
A. caffra (Thunb.) Willd. var. *transvaalensis* Glover (9)
A. fallax E.Mey. (9)
A. multijuga Meisn. (9)
 Perennial. Tree, shrub. Ht 3–18 m. Alt 15–1723 m. B, LIM, NW, G, M, S, FS, KZN, WC, EC
caffra (Thunb.) Willd. var. *campylacantha* (Hochst. ex A.Rich.) Roberty = **A. polyacantha** subsp. **campylacantha**
caffra (Thunb.) Willd. var. *longa* Glover = **A. caffra**
caffra (Thunb.) Willd. var. *namaquensis* Eckl. & Zeyh. = **A. caffra**
caffra (Thunb.) Willd. var. *pechuelii* Kuntze = **A. erubescens**
caffra (Thunb.) Willd. var. *tomentosa* Glover = **A. caffra**
caffra (Thunb.) Willd. var. *transvaalensis* Glover = **A. caffra**
campylacantha Hochst. ex A.Rich. = **A. polyacantha** subsp. **campylacantha**
capensis (Burm.f.) Burch. = **A. karroo**
catechu (L.f.) Willd. subsp. *suma* (Roxb.) Roberty = **A. polyacantha** subsp. **campylacantha**
catechu (L.f.) Willd. subsp. *suma* (Roxb.) Roberty var. *baumii* Roberty = **A. fleckii**
cinerea Schinz = **A. fleckii**
circummarginata Chiov. = **A. senegal** var. **leiorhachis**
clavigera E.Mey. = **A. robusta** subsp. **clavigera**
clavigera E.Mey. subsp. *clavigera* = **A. robusta** subsp. **clavigera**
***cultriformis** A.Cunn. ex G.Don
 Perennial. Tree, shrub. Ht? Alt ?–91 m. WC
cyanophylla Lindl. = **A. saligna**
cyclopis A.Cunn. ex Loudon = **A. cyclops**
***cyclops** A.Cunn. ex G.Don
A. cyclopis A.Cunn. ex Loudon (9)
 Perennial. Tree, shrub. Ht 1.5–10 m. Alt 10–1600 m. G, WC, EC
davyi N.E.Br.
 Perennial. Tree, shrub. Ht 1–12 m. Alt 155–2900 m. B, LIM, M, S, KZN
***dealbata** Link
A. decurrens Willd. var. *mollis* Lindl. (9)
 Perennial. Tree, shrub. Ht 1–15 m. Alt 305–1750 m. G, M, S, FS, KZN, L, EC
***decurrens** (J.C.Wendl.) Willd.
Mimosa decurrens J.C.Wendl. (9)
 Perennial. Tree. Ht 1.5–12 m. Alt 700–1500 m. NW, G, M, S, KZN, WC, EC
decurrens Willd. var. *mollis* Lindl. = **A. dealbata**
delagoensis Harms = **A. welwitschii** subsp. **delagoensis**
detinens Burch. = **A. mellifera** subsp. **detinens**
dulcis Marloth & Engl. = **A. erubescens**
dyeri P.P.Swartz
 Perennial. Shrub. Ht up to 1 m. Alt? EC
***elata** A.Cunn. ex Benth.
A. terminalis in sense of Court, not of (Salisb.) J.F.Macbr., misapplied name (10)
 Perennial. Tree. Ht ± 9 m. Alt? WC
elephantina Burch. = **Elephantorrhiza elephantina**
elephantorrhiza DC. = **Elephantorrhiza elephantina**
engleri Schinz = **Dichrostachys cinerea** subsp. **africana** var. **africana**
eriadenia Benth. = **A. ataxacantha**
erioloba E.Mey.
A. giraffae in sense of many authors, not of Willd., misapplied name (9)
A. giraffae Willd. var. *espinosa* Kuntze (9)
 Perennial. Tree, shrub. Ht 5–18 m. Alt 120–1675 m. N, B, LIM, NW, G, M, FS, NC, WC
erioloba E.Mey. × **A. haematoxylon** Willd.
A. giraffae Willd. (9)
A. giraffae Willd. × *A. haematoxylon* Willd. (9)
 Perennial. Tree. Ht 4–7 m. Alt 240–1350 m. NC
erubescens Welw. ex Oliv.
A. caffra (Thunb.) Willd. var. *pechuelii* Kuntze (9)
A. dulcis Marloth & Engl. (9)
A. kwebensis N.E.Br. (9)
A. longipetiolata Schinz (9)
 Perennial. Tree, shrub. Ht 1.5–10 m. Alt 305–1740 m. N, B, LIM, NW
exuvialis I.Verd.
 Perennial. Tree, shrub. Ht 1–5 m. Alt 275–1250 m. LIM, M
fallax E.Mey. = **A. caffra**
***farnesiana** (L.) Willd.
Mimosa farnesiana L. (9)
 Perennial. Tree, shrub. Ht 1–4 m. Alt ?–686 m. G, KZN
ferox Benth. = **A. burkei**
***fimbriata** A.Cunn. ex G.Don
 Perennial. Tree, shrub. Ht 1.5–10 m. Alt? EC
fleckii Schinz
A. catechu (L.f.) Willd. subsp. *suma* (Roxb.) Roberty var. *baumii* Roberty (9)
A. cinerea Schinz (9)
 Perennial. Tree, shrub. Ht 1–10 m. Alt 410–1450 m. N, B, LIM, NW
galpinii Burt Davy
 Perennial. Tree. Ht 0.6–36 m. Alt 640–1200 m. B, LIM, NW, G, M
gansbergensis Schinz = **A. hereroensis**
gerrardii Benth. subsp. **gerrardii** var. **gerrardii**
A. hebecladoides Harms (9)
 Perennial. Tree, shrub. Ht 2.5–15 m. Alt 183–1370 m. B, LIM, G, M, S, KZN
gillettiae Burt Davy = **A. luederitzii** var. **retinens**
giraffae in sense of many authors, not of Willd., misapplied name = **A. erioloba**
giraffae Willd. = **A. erioloba** × **A. haematoxylon**
giraffae Willd. var. *espinosa* Kuntze = **A. erioloba**
giraffae Willd. × *A. haematoxylon* Willd. = **A. erioloba** × **A. haematoxylon**
glandulifera Schinz = **A. nebrownii**
goeringii Schinz = **A. luederitzii** var. **luederitzii**
goetzei Harms subsp. *microphylla* Brenan, misapplied name (17)
grandicornuta Gerstner
 Perennial. Tree. Ht 1–15 m. Alt 30–1065 m. B, LIM, M, S, KZN
haematoxylon Willd.
A. atomiphylla Burch. (9)
 Perennial. Tree, shrub. Ht 1–10 m. Alt 120–1280 m. N, NC

- harmsiana* Dinter = **A. kirkii** subsp. **kirkii** var. **kirkii**
hebeclada DC. subsp. **chobiensis** (O.B.Mill.) A.Schreib.
A. stolonifera Burch. var. *chobiensis* O.B.Mill. (9)
 Perennial. Tree, shrub. Ht 1–4 m. Alt 914–1435 m. N, B
- hebeclada** DC. subsp. **hebeclada**
A. hebeclada DC. var. *stolonifera* (Burch.) Dinter (9)
A. stolonifera Burch. (9)
 Perennial. Tree, shrub. Ht 0.5–9 m. Alt 750–2950 m. N, B, LIM, NW, G, M, FS, NC
- hebeclada** DC. subsp. **tristis** (Welw. ex Oliv.) A.Schreib.
A. tristis Welw. ex Oliv. (9)
 Perennial. Tree, shrub. Ht 3–7 m. Alt 915–1450 m. N
- hebeclada** DC. var. *stolonifera* (Burch.) Dinter = **A. hebeclada** subsp. **hebeclada**
- hebecladoides** Harms = **A. gerrardii** subsp. **gerrardii** var. **gerrardii**
- hereroensis** Engl.
A. gansbergensis Schinz (9)
A. mellei I.Verd. (9)
 Perennial. Tree, shrub. Ht 2–10 m. Alt 410–1830 m. N, LIM, NW, G, FS, NC
- hermannii** Baker f. = **A. arenaria**
- heteracantha** Burch. = **A. tortilis** subsp. **heteracantha**
- hirtella** E.Mey. = **A. karroo**
- hirtella** Willd. var. *inermis* Walp. = **A. karroo**
- horrida** Willd. = **A. karroo**
- horrida** Willd. var. *transvaalensis* Burt Davy = **A. karroo**
- *implexa** Benth.
 Perennial. Tree. Ht ± 10 m. Alt ± 300 m. WC
- inconflagrabilis** Gerstner = **A. karroo**
- inermis** Marloth = **Albizia anthelmintica**
- julibrissin** Willd. = **Albizia julibrissin**
- kalachariensis** Schinz = **Dichrostachys cinerea** subsp. **africana** var. **setulosa**
- karroo** Hayne
A. capensis (Burm.f.) Burch. (9)
A. hirtella E.Mey. (9)
A. hirtella Willd. var. *inermis* Walp. (9)
A. horrida Willd. (9)
A. horrida Willd. var. *transvaalensis* Burt Davy (9)
A. inconflagrabilis Gerstner (9)
A. karroo Hayne var. *transvaalensis* (Burt Davy) Burt Davy (9)
A. reticulata (L.) Willd. (9)
Mimosa capensis Burm.f. (9)
Mimosa leucacantha Jacq. (9)
Mimosa nilotica in sense of Burm.f., not of L., misapplied name (9)
Mimosa nilotica in sense of Thunb.(1823), not of L., misapplied name (9)
 Perennial. Tree, shrub. Ht 1–22 m. Alt 3–2406 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC
- karroo** Hayne var. *transvaalensis* (Burt Davy) Burt Davy = **A. karroo**
- karroo** Hayne × **A. tenuispina** I.Verd.
 Perennial. Tree, shrub. Ht 0.5–4 m. Alt ?–1100 m. G
- kirkii** Oliv. subsp. **kirkii** var. *intermedia* Brenan = **A. kirkii** subsp. **kirkii** var. **kirkii**
- kirkii** Oliv. subsp. **kirkii** var. **kirkii**
A. harmsiana Dinter (9)
A. kirkii Oliv. subsp. *kirkii* var. *intermedia* Brenan (9)
A. nilotica (L.) Willd. ex Delile subsp. *adstringens* (Schumach. & Thonn.) Roberty var. *kirkii* (Oliv.) Roberty (9)
A. verrucifera Harms (9)
- Perennial. Tree, shrub. Ht 2–10 m. Alt 380–915 m. N, B
- kosiensis** P.P.Swartz
 Perennial. Tree. Ht 10–17 m. Alt? KZN
- kraussiana** Meisn. ex Benth.
 Perennial. Shrub, climber. Ht 1–15 m. Alt 5–1350 m. KZN
- kwebensis** N.E.Br. = **A. erubescens**
- lebbeck** (L.) Willd. = **Albizia lebbeck**
- litakunensis** Burch. = **A. tortilis** subsp. **heteracantha**
- *longifolia** (Andrews) Willd.
Mimosa longifolia Andrews (9)
 Perennial. Tree, shrub. Ht 1.5–8 m. Alt 4–1500 m. S, KZN, WC, EC
- longipetiolata** Schinz = **A. erubescens**
- lophantha** Willd. = **Paraserianthes lophantha** subsp. **lophantha**
- luederitzii** Engl. var. **luederitzii**
A. goeringii Schinz (9)
 Perennial. Tree, shrub. Ht 1.5–15 m. Alt 765–1650 m. N, B, NC
- luederitzii** Engl. var. **retinens** (Sim) J.H.Ross & Brenan
A. gillettiae Burt Davy (9)
A. retinens Sim (9)
 Perennial. Tree, shrub. Ht 1–15 m. Alt 48–1220 m. B, LIM, NW, G, M, S, KZN
- lugardiae** N.E.Br. = **A. ataxacantha**
- maras** Engl. = **A. tortilis** subsp. **heteracantha**
- marlothii** Engl. = **Albizia anthelmintica**
- *mearnsii** De Wild.
 Perennial. Tree. Ht 2.5–18 m. Alt 70–1700 m. LIM, M, S, FS, KZN, WC, EC
- *mearnsii** De Wild. × **A. dealbata** Link
 Perennial. Tree. Ht 0.61–1.07 m. Alt? EC
- *melanoxylon** R.Br.
 Perennial. Tree. Ht 5–20 m. Alt 200–1900 m. S, KZN, WC, EC
- mellei** I.Verd. = **A. hereroensis**
- mellifera** (Vahl) Benth. subsp. **detinens** (Burch.) Brenan
A. detinens Burch. (9)
A. tenax Marloth (9)
 Perennial. Tree, shrub. Ht 1.5–10 m. Alt 200–1675 m. N, B, LIM, NW, G, S, FS, NC
- mellifera** (Vahl) Benth. subsp. **mellifera**
A. senegal (L.) Willd. subsp. *mellifera* (Vahl) Roberty (9)
Inga mellifera (Vahl) Willd. (9)
Mimosa mellifera Vahl (9)
 Perennial. Tree, shrub. Ht 1–15 m. Alt 400–1370 m. N
- montana** P.P.Swartz = **A. theronii**
- montis-usti** Merxm. & A.Schreib.
 Perennial. Tree. Ht 4–9 m. Alt 550–775 m. N
- mossambicensis** Bolle = **Faidherbia albida**
- multijuga** Meisn. = **A. caffra**
- natalitia** E.Mey.
 Perennial. Tree. Ht 3–8 m. Alt ?–10 m. M, KZN
- nebrownii** Burt Davy
A. glandulifera Schinz (9)
A. rogersii Burt Davy (9)
A. walteri Suess. (9)
 Perennial. Tree, shrub. Ht 1–7.5 m. Alt 550–1435 m. N, B, LIM

nigrescens Oliv.*A. nigrescens* Oliv. var. *pallens* Benth. (9)*A. pallens* (Benth.) Rolfe (9)*A. passargei* Harms (9)*Albizia lugardii* N.E.Br. (9)

Perennial. Tree. Ht 2–30 m. Alt 25–1300 m. N, B, LIM, NW, G, M, S, KZN

nigrescens Oliv. var. *pallens* Benth. = **A. nigrescens***nilotica* (L.) Willd. ex Delile subsp. *adstringens* (Schumacher & Thonn.) Roberty var. *kirkii* (Oliv.) Roberty = **A. kirkii** subsp. *kirkii* var. *kirkii***nilotica** (L.) Willd. ex Delile subsp. **kraussiana** (Benth.) Brenan*A. arabica* (Lam.) Willd. var. *kraussiana* Benth. (9)*A. benthamii* Roehrb. (9)*A. nilotica* (L.) Willd. ex Delile var. *kraussiana* (Benth.) A.F.Hill (9)
Mimosa nilotica in sense of Thunb. (1800), not of L., misapplied name (9)

Perennial. Tree. Ht 3–15 m. Alt 5–1829 m. N, B, LIM, NW, G, M, S, KZN

nilotica (L.) Willd. ex Delile var. *kraussiana* (Benth.) A.F.Hill = **A. nilotica** subsp. **kraussiana***pallens* (Benth.) Rolfe = **A. nigrescens***passargei* Harms = **A. nigrescens***pennata* in sense of E.Mey. var. *dregeana* Benth., misapplied name = **A. brevispica** subsp. **dregeana****permixta** Burt Davy

Perennial. Tree, shrub. Ht 1–5 m. Alt 490–1405 m. LIM, NW

permixta Burt Davy var. *glabra* Burt Davy = **A. tenuispina*****podalyriifolia** A.Cunn. ex G.Don

Perennial. Tree, shrub. Ht 2.5–9 m. Alt 914–1500 m. G, M, S, KZN

polyacantha Willd. subsp. **campylacantha** (Hochst. ex A.Rich.) Brenan*A. caffra* (Thunb.) Willd. var. *campylacantha* (Hochst. ex A.Rich.) Roberty (9)*A. campylacantha* Hochst. ex A.Rich. (9)*A. catechu* (L.f.) Willd. subsp. *suma* (Roxb.) Roberty (9)

Perennial. Tree. Ht 2–15 m. Alt 460–1000 m. N, B, LIM

procera (Roxb.) Willd. = **Albizia procera*****pyncnantha** Benth.

Perennial. Tree, shrub. Ht 2–10 m. Alt 91–300 m. WC

redacta J.H.Ross = **Calliandra redacta****reficiens** Wawra subsp. **reficiens***A. uncinata* Engl. (9)

Perennial. Tree, shrub. Ht 0.5–7.5 m. Alt 700–1160 m. N

rehmanniana Schinz

Perennial. Tree, shrub. Ht 2–10 m. Alt 1100–1370 m. B, LIM

reticulata (L.) Willd. = **A. karroo***retinens* Sim = **A. luederitzii** var. **retinens****robbertsii** P.P.Swartz

Perennial. Tree, shrub? Ht 2–4 m. Alt? M

robusta Burch. subsp. **clavigera** (E.Mey.) Brenan*A. clavigera* E.Mey. (9)*A. clavigera* E.Mey. subsp. *clavigera* (9)*A. sambesiaca* Schinz (9)

Perennial. Tree. Ht 4–20 m. Alt 15–915 m. N, B, LIM, M, S, KZN

robusta Burch. subsp. **robusta**

Perennial. Tree. Ht 4.5–21 m. Alt 30–1980 m. B, LIM, NW, G, M, KZN

robysiana Merxm. & A.Schreib.

Perennial. Tree, shrub. Ht 3–25 m. Alt 1036–1183 m. N

rogersii Burt Davy = **A. nebrownii***rostrata* Sim = **A. senegal** var. **rostrata***rufobrunnea* N.E.Br. = **A. arenaria*****saligna** (Labill.) H.L.Wendl.*A. cyanophylla* Lindl. (9)*Mimosa saligna* Labill. (9)

Perennial. Tree, shrub. Ht 3–10 m. Alt 10–700 m. NC, WC, EC

sambesiaca Schinz = **A. robusta** subsp. **clavigera****schweinfurthii** Brenan & Exell var. **schweinfurthii**

Perennial. Shrub, climber. Ht 1.5–12 m. Alt 30–1065 m. B, LIM, M, KZN, EC

senegal (L.) Willd. subsp. *mellifera* (Vahl) Roberty = **A. mellifera** subsp. **mellifera***senegal* (L.) Willd. subsp. *trispinosa* (Stokes) Roberty = **A. senegal** var. **rostrata****senegal** (L.) Willd. var. **leiorhachis** Brenan*A. circummarginata* Chiov. (9)

Perennial. Tree, shrub. Ht 2–9 m. Alt 185–1190 m. LIM, NW, M

senegal (L.) Willd. var. **rostrata** Brenan*A. rostrata* Sim (9)*A. senegal* (L.) Willd. subsp. *trispinosa* (Stokes) Roberty (9)*A. spinosa* Marloth & Engl. (9)*A. trispinosa* Marloth & Engl. (9)*A. volkii* Suess. (9)

Perennial. Tree, shrub. Ht 1.5–8 m. Alt 45–1065 m. N, B, LIM, M, S, KZN

sericocephala Fenzl = **Albizia amara** subsp. **sericocephala***sieberiana* DC. subsp. *vermoesonii* (De Wild.) Troupin var. *vermoesonii* = **A. sieberiana** var. **woodii***sieberiana* DC. subsp. *vermoesonii* (De Wild.) Troupin var. *woodii* (Burt Davy) Keay & Brenan = **A. sieberiana** var. **woodii***sieberiana* DC. var. *vermoesonii* (De Wild.) Keay & Brenan = **A. sieberiana** var. **woodii****sieberiana** DC. var. **woodii** (Burt Davy) Keay & Brenan*A. amboensis* Schinz (9)*A. sieberiana* DC. subsp. *vermoesonii* (De Wild.) Troupin var. *vermoesonii* (9)*A. sieberiana* DC. subsp. *vermoesonii* (De Wild.) Troupin var. *woodii* (Burt Davy) Keay & Brenan (9)*A. sieberiana* DC. var. *vermoesonii* (De Wild.) Keay & Brenan (9)*A. vermoesonii* De Wild. (9)*A. woodii* Burt Davy (9)

Perennial. Tree. Ht 2–18 m. Alt 30–1525 m. N, B, LIM, G, M, S, KZN

spinosa E.Mey. = **Dichrostachys cinerea** subsp. **africana** var. **africana***spinosa* Marloth & Engl. = **A. senegal** var. **rostrata***spirocarpa* Hochst. ex A.Rich. = **A. tortilis** subsp. **spirocarpa** var. **spirocarpa***spirocarpoides* Engl. = **A. tortilis** subsp. **heteracantha***stellata* (Forssk.) Willd. = **Pterolobium stellatum**

stolonifera Burch. = **A. hebeclada** subsp. **hebeclada**
stolonifera Burch. var. *chobiensis* O.B.Mill. = **A. hebeclada** subsp. **chobiensis**

stuhlmannii Taub.

Perennial. Shrub. Ht 1.5–3.6 m. Alt 490–610 m. LIM
swazica Burt Davy

Perennial. Tree, shrub. Ht 1–8 m. Alt 90–1005 m.
 LIM, M, S, KZN

tenax Marloth = **A. mellifera** subsp. **detinens**

tenuispina I. Verd.

A. permixta Burt Davy var. *glabra* Burt Davy (9)

Perennial. Shrub. Ht 0.5–4.5 m. Alt 695–1650 m.
 LIM, NW, G

terminalis in sense of Court, not of (Salisb.) J.F. Macbr.,
 misapplied name = **A. elata**

terminalis (Salisb.) J.F. Macbr.

Perennial. Tree. Ht 9–11 m. Alt ?–1320 m. LIM, WC,
 EC

theronii P.P. Swartz

A. montana P.P. Swartz (20)

Perennial. Tree. Ht 4–6 m. Alt? M, KZN

tortilis (Forssk.) Hayne subsp. **heteracantha** (Burch.) Brenan

A. heteracantha Burch. (9)

A. litakunensis Burch. (9)

A. maras Engl. (9)

A. spirocarpoides Engl. (9)

Perennial. Tree, shrub. Ht 1–15 m. Alt 30–1360 m. N,
 B, LIM, NW, G, M, S, FS, KZN, NC

tortilis (Forssk.) Hayne subsp. **spirocarpa** (Hochst. ex
 A. Rich.) Brenan var. **spirocarpa**

A. spirocarpa Hochst. ex A. Rich. (9)

Perennial. Tree, shrub. Ht 3–14 m. Alt 915–1275 m.
 N, B

trispinosa Marloth & Engl. = **A. senegal** var. **rostrata**

tristis Welw. ex Oliv. = **A. hebeclada** subsp. **tristis**

uncinata Engl. = **A. reficiens** subsp. **reficiens**

vermoesonii De Wild. = **A. sieberiana** var. **woodii**

verrucifera Harms = **A. kirkii** subsp. **kirkii** var. **kirkii**

viridiramis Burch. = **Xerocladia viridiramis**

volkii Suess. = **A. senegal** var. **rostrata**

walteri Suess. = **A. nebrownii**

welwitschii Oliv. subsp. **delagoensis** (Harms) J.H. Ross &
 Brenan

A. delagoensis Harms (9)

Perennial. Tree. Ht 1.5–13 m. Alt 380–800 m. LIM, M
woodii Burt Davy = **A. sieberiana** var. **woodii**

xanthophloea Benth.

Perennial. Tree. Ht ?–30 m. Alt 25–800 m. LIM, M, S,
 KZN

ACANTHOBOTRYA C.H. Stirt. 3660010

armata (Thunb.) Eckl. & Zeyh. = **Wiborgia mucronata**

sessilifolia Eckl. & Zeyh. = **Lebeckia sessilifolia**

ACANTHONOTUS Benth. 3702010

echinatus (Willd.) Benth. = **Indigofera nummulariifolia**

ACHYRONIA Kuntze 3662010

aculeata (Thunb.) Kuntze = **Aspalathus aculeata**

anthyllodes (L.) Kuntze = **Aspalathus aspalathoides**
arida (E. Mey.) Kuntze = **Aspalathus arida** subsp. **arida**
asparagoides (L.f.) Kuntze = **Aspalathus asparagoides**
 subsp. **asparagoides**

astroites (L.) Kuntze = **Aspalathus astroites**

calcarata (Harv.) Kuntze = **Aspalathus calcarata**

callosa (L.) Kuntze = **Aspalathus callosa**

capitata (L.) Kuntze = **Aspalathus capitata**

carnosa (P.J. Bergius) Kuntze = **Aspalathus carnosa**

cephalotes (Thunb.) Kuntze = **Aspalathus cephalotes**
 subsp. **violaceae**

chenopoda (L.) Kuntze = **Aspalathus chenopoda** subsp.
chenopoda

ciliaris (L.) Kuntze = **Aspalathus ciliaris**

collina (Eckl. & Zeyh.) Kuntze = **Aspalathus collina** subsp.
collina

erythrodes (Eckl. & Zeyh.) Kuntze = **Aspalathus erythrodes**

ferox (Harv.) Kuntze = **Aspalathus ferox**

leucophaea (Harv.) Kuntze = **Aspalathus ciliaris**

longipes (Harv.) Kuntze = **Aspalathus longipes**

marginalis (Eckl. & Zeyh.) Kuntze = **Aspalathus marginalis**

opaca (Eckl. & Zeyh.) Kuntze = **Aspalathus opaca** subsp.
opaca

pachyloba (Benth.) Kuntze = **Aspalathus pachyloba** subsp.
pachyloba

pallescens (Eckl. & Zeyh.) Kuntze = **Aspalathus pallescens**

pappeana (Harv.) Kuntze = **Aspalathus opaca** subsp. **pappeana**

prostrata (Eckl. & Zeyh.) Kuntze = **Aspalathus prostrata**

recurva (Benth.) Kuntze = **Aspalathus recurva**

rubens (Thunb.) Kuntze = **Aspalathus rubens**

rubro-fusca (Eckl. & Zeyh.) Kuntze = **Aspalathus asparagoides** subsp. **rubro-fusca**

sanguinea (Thunb.) Kuntze = **Aspalathus sanguinea** subsp.
sanguinea

spinescens (Thunb.) Kuntze = **Aspalathus spinescens** subsp.
spinescens

subulata (Thunb.) Kuntze = **Aspalathus subulata**

ulicina (Eckl. & Zeyh.) Kuntze = **Aspalathus ulicina** subsp.
ulicina

villosa J.C. Wendl., not of L. = **Liparia angustifolia**

vulnerans (Thunb.) Kuntze = **Aspalathus vulnerans**

ADENANTHERA L. 3459000

gogo Blanco = **Entada rheedii**

ADENOLOBUS Torre & Hillc. 3528020

Compiled by T. Nkonki

(1) Coetzer & Ross. 1977. *FSA* 16,2: 55–58.

(2) Germishuizen. 1988. *The Flowering Plants of Africa* 50: t. 1979.

garipensis (E. Mey.) Torre & Hillc.

Bauhinia garipensis E. Mey. (1)

- Perennial. Tree, shrub. Ht 1.7–9 m. Alt 100–1850 m. N, NC
mossamedensis Torre & Hillc. = **A. pechuelii** subsp. **mossamedensis**
pechuelii (Kuntze) Torre & Hillc. subsp. **mossamedensis** (Torre & Hillc.) Brummitt & J.H.Ross
A. mossamedensis Torre & Hillc. (1)
Bauhinia mossamedensis (Torre & Hillc.) C.Cusset (1)
 Perennial. Shrub. Ht 0.2–1.5 m. Alt 400–1750 m. N
- pechuelii** (Kuntze) Torre & Hillc. subsp. **pechuelii**
Bauhinia pechuelii Kuntze (1)
 Perennial. Shrub. Ht 0.2–1.5 m. Alt 450–1750 m. N, B
- ADENOPODIA** C.Presl 3468020
 Compiled by T. Nkonki
 (1) Brenan. 1986. *Kew Bulletin* 41: 77.
- spicata** (E.Mey.) C.Presl
Entada natalensis Benth. var. *aculeata* Harv. (1)
Entada spicata (E.Mey.) Druce (1)
Mimosa spicata E.Mey. (1)
 Perennial. Shrub, climber. Ht 2–6 m. Alt 15–1340 m. LIM, M, KZN, WC, EC
- AESCHYNOMENE** L. 3793000
 Compiled by T. Nkonki & N. Swelankomo
 (1) Gillett. 1960. *Kew Bulletin* 14: 332–334.
 (2) Gillett *et al.* 1971. *FTEA Leguminosae* 3,1: 364–406.
- cristata** Vatke var. **cristata**
 Perennial. Shrub, herb. Ht 0.9–3 m. Alt 915–1030 m. B
- fluitans** Peter
A. schlechteri Baker f. (2)
 Perennial. Herb. Ht 1–4.5 m. Alt 940–1030 m. N, B
- glutinosum** Schinz = **A. rehmannii** var. **leptobotrya**
- indica** L.
 Annual, occ. perennial. Shrub, herb. Ht 0.3–3 m. Alt 275–1500 m. N, B, LIM, G, M, KZN
- leptobotrya** Harms ex Baker f. = **A. rehmannii** var. **leptobotrya**
- micrantha** DC.
 Perennial. Herb. Ht 0.2–3 m. Alt 3–915 m. LIM, M, S, KZN
- nilotica** Taub.
 Perennial. Shrub, herb. Ht 1–3 m. Alt? N
- nodulosa** (Baker) Baker f. var. **glabrescens** J.B.Gillett
 Perennial. Shrub. Ht ?–3 m. Alt 920–1760 m. LIM
- nodulosa** (Baker) Baker f. var. **nodulosa**
A. shirensis Taub. (1)
 Perennial. Shrub. Ht 0.45–3 m. Alt 920–1600 m. LIM
- nyassana** Taub.
 Perennial. Shrub, dwarf shrub. Ht 0.15–3 m. Alt 725–1220 m. LIM, M
- rehmannii** Schinz var. **leptobotrya** (Harms ex Baker f.) J.B.Gillett
A. glutinosum Schinz (1)
A. leptobotrya Harms ex Baker f. (1)
 Perennial. Shrub, dwarf shrub. Ht 0.3–3 m. Alt 610–2060 m. LIM, G, M, S
- rehmannii** Schinz var. **rehmannii**
 Perennial. Shrub. Ht 1–1.4 m. Alt 915–1220 m. LIM, M, S
- rhodesiaca** Harms
 Annual. Herb. Ht 0.15–0.6 m. Alt ?–1310 m. LIM
- schlechteri** Baker f. = **A. fluitans**
shirensis Taub. = **A. nodulosa** var. **nodulosa**
- uniflora** E.Mey. var. **uniflora**
 Annual, occ. perennial. Shrub, herb. Ht 0.5–2.4 m. Alt 5–30 m. KZN, EC
- AFRAFZELIA** Pierre 3509010
quanzensis (Welw.) Pierre = **Afzelia quanzensis**
- AFZELIA** Sm. 3509000
 Compiled by T. Nkonki
 (1) Ross. 1977. *FSA* 16,2: 40–43.
attenuata Klotzsch = **A. quanzensis**
petersiana Klotzsch = **A. quanzensis**
quanzensis Welw.
Afrazelia quanzensis (Welw.) Pierre (1)
A. attenuata Klotzsch (1)
A. petersiana Klotzsch (1)
Intsia quanzensis (Welw.) Kuntze (1)
Pahudia quanzensis (Welw.) Prain (1)
 Perennial. Tree. Ht 3.5–20 m. Alt 75–945 m. N, B, LIM, M, S, KZN
- ALBIZIA** Durazz. 3443000
 Compiled by H.F. Glen
 (1) Ross. 1975. *FSA* 16,1: 7–24.
 (2) Ross. 1982. *The Flowering Plants of Africa* 47: t. 1860.
 (3) Fränz. 1995. *European garden flora* 4: 468, 469.
- adanthifolia** (Schumach.) W.Wight var. **adanthifolia**
A. fastigiata (E.Mey.) Oliv. (1)
Inga fastigiata (E.Mey.) Oliv. (1)
Mimosa adanthifolia Schumach. (1)
Zygia fastigiata E.Mey. (1)
 Perennial. Tree. Ht 2.4–20 m. Alt 0–1050 m. LIM, M, S, KZN, EC
- amara** (Roxb.) Boivin subsp. **sericocephala** (Benth.) Brenan
Acacia sericocephala Fenzl (1)
A. sericocephala Benth. (1)
A. struthiophylla Milne-Redh. (1)
Inga sericocephala A.Rich. (1)
 Perennial. Tree. Ht 1.8–12 m. Alt 200–1050 m. B, LIM
- anthelmintica** (A.Rich.) Brongn.
Acacia inermis Marloth (1)
Acacia marlothii Engl. (1)
A. anthelmintica (A.Rich.) Brongn. var. *australis* Baker f. (1)
A. anthelmintica (A.Rich.) Brongn. var. *pubescens* Burt Davy (1)
A. umbaluziana Sim (1)
Besenna anthelmintica A.Rich. (1)
 Perennial. Tree, shrub. Ht 0.9–10.7 m. Alt 25–1650 m. N, B, LIM, NW, M, S, KZN, NC
- anthelmintica** (A.Rich.) Brongn. var. *australis* Baker f. = **A. anthelmintica**
- anthelmintica** (A.Rich.) Brongn. var. *pubescens* Burt Davy = **A. anthelmintica**
- antunesiana** Harms
 Perennial. Tree, shrub. Ht 0.4–20 m. Alt 500–1250 m. N, NC
- brevifolia** Schinz
A. parvifolia Burt Davy (1)
A. rogersii Burt Davy (1)
 Perennial. Tree, shrub. Ht 3–15 m. Alt 150–1250 m. N, B, LIM, NW, G

distachya (Vent.) J.F.Macbr. = **Paraserianthes lophantha** subsp. **lophantha**

evansii Burt Davy = **A. petersiana** subsp. **evansii**

fastigiata (E.Mey.) Oliv. = **A. adianthifolia** var. **adianthifolia**

forbesii Benth.

Perennial. Tree. Ht 3–20 m. Alt 25–550 m. LIM, M, S, KZN

harveyi E.Fourn.

A. hypoleuca Oliv. (1)

A. pallida Harv. (1)

Perennial. Tree. Ht 1.5–20 m. Alt 250–1200 m. N, B, LIM, M, S

hypoleuca Oliv. = **A. harveyi**

***julibrissin** (Willd.) Durazz.

Acacia julibrissin Willd. (3)

Perennial. Tree. Ht 3–12 m. Alt 1050–1450 m. G, KZN

***lebbeck** (L.) Benth.

Acacia lebbeck (L.) Willd. (1)

Mimosa lebbeck L. (1)

Perennial. Tree. Ht 3–15 m. Alt 0–1525 m. G, KZN

lebbeck (L.) Benth. var. *australis* Burt Davy = **A. tanganyicensis** subsp. **tanganyicensis**

lophantha (Willd.) Benth. = **Paraserianthes lophantha** subsp. **lophantha**

lugardii N.E.Br. = **Acacia nigrescens**

mossambicensis Sim = **A. versicolor**

pallida Harv. = **A. harveyi**

parvifolia Burt Davy = **A. brevifolia**

petersiana (Bolle) Oliv. subsp. **evansii** (Burt Davy) Brenan

A. evansii Burt Davy (1)

Perennial. Tree. Ht 5–10 m. Alt 25–425 m. LIM, M, KZN

***procera** (Roxb.) Benth.

Acacia procera (Roxb.) Willd. (1)

Mimosa procera Roxb. (1)

Perennial. Tree. Ht 2–8 m. Alt 500–600 m. KZN

rhodesica Burt Davy = **A. tanganyicensis** subsp. **tanganyicensis**

rogersii Burt Davy = **A. brevifolia**

sericocephala Benth. = **A. amara** subsp. **sericocephala**

struthiophylla Milne-Redh. = **A. amara** subsp. **sericocephala**

suluensis Gerstner

Perennial. Tree. Ht 6–10 m. Alt 275–1370 m. KZN

tanganyicensis Baker f. subsp. **tanganyicensis**

A. lebbeck (L.) Benth. var. *australis* Burt Davy (1)

A. rhodesica Burt Davy (1)

Perennial. Tree. Ht 1–12 m. Alt 520–1525 m. N, B, LIM, NW

umbalusiana Sim = **A. anthelmintica**

versicolor Welw. ex Oliv.

A. mossambicensis Sim (1)

Perennial. Tree. Ht 2.5–20 m. Alt 0–1350 m. N, B, LIM, M, S, KZN

***ALHAGI** Gagnebin 3783000

Compiled by T. Nkonki

(1) Hutchinson. 1964. *The genera of flowering plants* 1: 469.

(2) Greuter *et al.* 1989. *Med-Checklist* 4: 6.

camelorum Fisch. = **A. maurorum**

maurorum Medik.

A. camelorum Fisch. (2)

Perennial. Shrub. Ht ?–1.5 m. Alt ?–400 m. WC

ALISTILUS N.E.Br. 3910010

Compiled by T. Nkonki

(1) Brown. 1921. *Kew Bulletin* 1921: 294, 295.

bechuanicus N.E.Br.

Perennial. Herb. Ht ?–0.6 m. Alt 790–1200 m. N, B, LIM, M

ALYSICARPUS Desv. 3810000

Compiled by T. Nkonki

(1) Gillett *et al.* 1971. *FTEA Leguminosae* 3,1: 491–501.

(2) Schrire. 1988. *Bothalia* 18: 17–19.

glaber E.Mey. = **A. rugosus** subsp. **perennirufus**

glumaceus (Vahl) DC. subsp. **glumaceus** var. **glumaceus**

Annual. Herb. Ht 0.1–1.5 m. Alt 6–400 m. B, LIM, M, S, KZN

rugosus (Willd.) DC. subsp. **perennirufus** J.Léonard

A. glaber E.Mey. (2)

A. violaceus (Forssk.) Schindl. (2)

A. wallichii Wight & Arn. (2)

Perennial. Herb. Ht 0.2–1 m. Alt 30–1950 m. B, LIM, G, M, S, KZN, EC

rugosus (Willd.) DC. subsp. **rugosus**

Annual. Herb. Ht ?–1.5 m. Alt ?–1550 m. N, B, M, KZN

vaginalis (L.) DC. var. **vaginalis**

Hedysarum vaginale L. (2)

Perennial. Herb. Ht 0.1–0.6 m. Alt 10–765 m. LIM, M, S, KZN

violaceus (Forssk.) Schindl. = **A. rugosus** subsp. **perennirufus**

wallichii Wight & Arn. = **A. rugosus** subsp. **perennirufus**

zeyheri Harv.

Perennial. Herb. Ht 0.1–0.8 m. Alt 10–1435 m. LIM, NW, G, M, S, KZN

AMBLYGONOCARPUS Harms 3458000

Compiled by T. Nkonki

(1) Ross. 1975. *FSA* 16,1: 132.

andongensis (Welw. ex Oliv.) Exell & Torre

A. obtusangulus (Welw. ex Oliv.) Harms (1)

A. schweinfurthii Harms (1)

Perennial. Tree. Ht 7–16 m. Alt ?–914 m. N, B

obtusangulus (Welw. ex Oliv.) Harms = **A. andongensis**

schweinfurthii Harms = **A. andongensis**

AMPHINOMIA DC. 3657020

bainesii (Baker) A.Schreib. = **Lotononis bainesii**

brachyantha (Harms) A.Schreib. = **Lotononis brachyantha**

curtii (Harms) A.Schreib. = **Lotononis curtii**

furcata Merxm. & A.Schreib. = **Lotononis furcata**

rabenaviana (Dinter & Harms) A.Schreib. = **Lotononis rabenaviana**

schoenfelderi Dinter ex Merxm. & A.Schreib. = **Lotononis schoenfelderi**

stipulosa (Baker f.) A.Schreib. = **Lotononis stipulosa**
strigillosa Merxm. & A.Schreib. = **Lotononis strigillosa**

AMPHITHALEA Eckl. & Zeyh. 3644000

Compiled by T. Nkonki & N. Swelankomo

- (1) Granby. 1985. *Opera Botanica*. 80: 5–34.
(2) Schutte & Van Wyk. 1991. *Bothalia* 21: 58, 59.
(3) Schutte. 1998. *Taxon* 47: 55–65.

alba Granby

Perennial. Shrub, dwarf shrub. Ht ?–0.5 m. Alt 45–120 m. WC

axillaris Granby

Perennial. Shrub. Ht 0.6–0.9 m. Alt 365–915 m. WC

biovulata (Bolus) Granby

Psoralea biovulata Bolus (1)

Perennial. Dwarf shrub, herb. Ht 0.3–0.4 m. Alt 70–304 m. WC

bodkinii Dummer

Perennial. Dwarf shrub. Ht ?–0.3 m. Alt ?–1097 m. WC

bowiei (Benth.) A.L.Schutte

Coelidium bowiei Benth. (3)

Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 325–585 m. WC

bullata (Benth.) A.L.Schutte

Coelidium bullatum Benth. (3)

Perennial. Dwarf shrub. Ht ?–0.15 m. Alt? WC

cedarbergensis (Granby) A.L.Schutte

Coelidium cedarbergense Granby (3)

Perennial. Dwarf shrub. Ht 0.2–0.25 m. Alt 795–1676 m. WC

ciliaris Eckl. & Zeyh.

Coelidium ciliare (Eckl. & Zeyh.) Walp. (3)

Ingenhoussia rugosa E.Mey. (3)

Perennial. Dwarf shrub. Ht 0.2–0.8 m. Alt 60–685 m. WC

concava Granby

Perennial. Dwarf shrub. Ht? Alt 1300–2000 m. WC

cuneifolia Eckl. & Zeyh.

Epistemum ferrugineum Walp. (1)

Perennial. Shrub. Ht 0.9–2.5 m. Alt 396–1065 m. WC

cymbifolia (C.A.Sm.) A.L.Schutte

Coelidium cymbifolium C.A.Sm. (3)

Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt? WC

dahlgrenii (Granby) A.L.Schutte

Coelidium dahlgrenii Granby (3)

Perennial. Dwarf shrub. Ht ?–0.5 m. Alt 975–1300 m. WC

densa Eckl. & Zeyh. = **A. imbricata**

densiflora Eckl. & Zeyh. = **A. ericifolia** subsp. **ericifolia**

ericifolia (L.) Eckl. & Zeyh. subsp. **erecta** Granby

Perennial. Shrub. Ht 0.5–1 m. Alt 23–245 m. WC

ericifolia (L.) Eckl. & Zeyh. subsp. **ericifolia**

A. densiflora Eckl. & Zeyh. (1)

A. hiliaris Eckl. & Zeyh. (1)

A. multiflora Eckl. & Zeyh. (1)

Perennial. Shrub. Ht 0.35–0.5 m. Alt 15–732 m. WC

ericifolia (L.) Eckl. & Zeyh. subsp. **minuta** Granby

Perennial. Dwarf shrub. Ht? Alt ?–1300 m. WC

ericifolia (L.) Eckl. & Zeyh. subsp. **scoparia** Granby

Perennial. Dwarf shrub. Ht ?–0.25 m. Alt 915–1500 m. WC

esterhuyseniae (Granby) A.L.Schutte

Coelidium esterhuyseniae Granby (3)

Perennial. Shrub, dwarf shrub. Ht 0.15–0.35 m. Alt 1067–1830 m. WC

flava (Granby) A.L.Schutte

Coelidium ciliare (Eckl. & Zeyh.) Walp. var. *brevifolium* L. (3)

Coelidium flavum Granby (3)

Annual, occ. perennial. Shrub. Ht 0.5–0.8 m. Alt 300–470 m. WC

fourcadei Compton

Perennial. Shrub. Ht 0.3–1.5 m. Alt 762–1650 m. WC

hilaris Eckl. & Zeyh. = **A. ericifolia** subsp. **ericifolia**

humilis Eckl. & Zeyh. = **A. intermedia**

imbricata (L.) Druce

A. densa Eckl. & Zeyh. (1)

Crotalaria imbricata L. (1)

Lathriogyna candicans Eckl. & Zeyh. (1)

Priestleya meyeri Meisn. (1)

Perennial. Shrub. Ht ?–1.8 m. Alt 500–750 m. WC

intermedia Eckl. & Zeyh.

A. humilis Eckl. & Zeyh. (1)

Perennial. Dwarf shrub. Ht 0.2–0.8 m. Alt 58–1525 m. WC

micrantha Walp.

A. pocockiae Bolus (1)

Cryphiantha imbricata Eckl. & Zeyh. (1)

Ingenhoussia micrantha E.Mey. (1)

Perennial. Shrub. Ht 0.2–0.5 m. Alt 579–1370 m. WC

minima (Granby) A.L.Schutte

Coelidium minimum Granby (3)

Perennial. Dwarf shrub. Ht ?–0.8 m. Alt? WC

monticola A.L.Schutte

Coelidium humile Schltr. (3)

Annual, occ. perennial. Dwarf shrub. Ht 0.1–0.9 m. Alt 185–2000 m. WC

muirii (Granby) A.L.Schutte

Coelidium muirii Granby (3)

Perennial. Shrub, dwarf shrub. Ht 0.2–0.5 m. Alt 45–1830 m. WC

multiflora Eckl. & Zeyh. = **A. ericifolia** subsp. **ericifolia**

muraltioides (Benth.) A.L.Schutte

A. villosa Schltr. var. *brevifolia* Schltr. (3)

Coelidium amphithaleoides Dummer (3)

Coelidium muraltioides Benth. (3)

Perennial. Dwarf shrub. Ht 0.4–1.5 m. Alt 450–1463 m. WC

obtusiloba (Granby) A.L.Schutte

Coelidium obtusilobum Granby (3)

Perennial. Dwarf shrub. Ht ?–0.3 m. Alt? NC

oppositifolia L.Bolus

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 155–610 m. WC

pageae (L.Bolus) A.L.Schutte

Coelidium pageae L.Bolus (3)

Perennial. Shrub. Ht 0.9–2 m. Alt 300–310 m. WC

parvifolia (Thunb.) A.L.Schutte

Coelidium fourcadei Compton (3)

Coelidium parviflorum (Thunb.) Druce (3)

Coelidium parvifolium (Thunb.) Druce (3)

Coelidium thunbergii Harv., illegitimate name (3)

Crotalaria parvifolia Thunb. (3)

Perennial. Shrub. Ht 0.5–1.2 m. Alt 610–1463 m. WC

- perplexa** Eckl. & Zeyh.
Coelidium perplexum (Eckl. & Zeyh.) Granby (3)
Ingenhoussia rosea E.Mey. (3)
Perennial. Shrub. Ht 0.35–1.2 m. Alt 305–1677 m. WC
- phylicoides** Eckl. & Zeyh.
Perennial. Shrub. Ht 0.8–1.5 m. Alt 610–915 m. WC, EC
- pocockiae* Bolus = **A. micrantha**
- purpurea** (Granby) A.L.Schutte
Coelidium purpureum Granby (3)
Perennial. Shrub, dwarf shrub. Ht? Alt ?–1820 m. WC
- rostrata** A.L.Schutte & B.-E.van Wyk
Perennial. Dwarf shrub. Ht ?–0.6 m. Alt ?–120 m. WC
- sericea** Schltr.
Perennial. Shrub. Ht 0.6–0.9 m. Alt 60–183 m. WC
- speciosa** Schltr.
Perennial. Shrub. Ht 0.9–1.3 m. Alt 182–215 m. WC
- spinosa** (Harv.) A.L.Schutte
Coelidium spinosum Harv. (3)
Perennial. Shrub. Ht 0.4–1.2 m. Alt 520–1035 m. WC
- stokoei** L.Bolus
Perennial. Shrub. Ht ?–0.3 m. Alt 325–1050 m. WC
- tomentosa** (Thunb.) Granby
Lathriogyna parvifolia Eckl. & Zeyh. (1)
Liparia tomentosa Thunb. (1)
Perennial. Shrub. Ht 0.3–0.9 m. Alt 30–2438 m. WC
- tortilis** (E.Mey.) Steud.
A. vogelii Walp. (3)
Coelidium tortile (E.Mey.) Druce (3)
Ingenhoussia tortilis E.Mey. (3)
Perennial. Dwarf shrub. Ht 0.15–0.2 m. Alt 360–975 m. WC
- villosa** Schltr.
Coelidium euchaetoides Dummer (3)
Coelidium villosum (Schltr.) Granby (3)
Perennial. Dwarf shrub. Ht 0.3–0.9 m. Alt 1005–1524 m. WC
- villosa* Schltr. var. *brevifolia* Schltr. = **A. muraltioides**
- violacea** (E.Mey.) Benth.
Ingenhoussia violacea E.Mey. (1)
Perennial. Shrub. Ht 0.3–1 m. Alt 245–1220 m. WC
- virgata** Eckl. & Zeyh.
Indigofera axillaris E.Mey. (1)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 58–914 m. WC
- vlokii** (A.L.Schutte & B.-E.van Wyk) A.L.Schutte
Coelidium vlokii A.L.Schutte & B.-E.van Wyk (3)
Perennial. Dwarf shrub. Ht ?–1 m. Alt? WC
- vogelii* Walp. = **A. tortilis**
- williamsonii** Harv.
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 460–610 m. EC
- ANDRADIA** Sim 3530010
arborea Sim = **Dialium schlechteri**
- ANILA** Kuntze 3702020
mauritanica (L.) Kuntze var. *oligantha* Kuntze = **Indigofera candolleana**
rupestris (Eckl. & Zeyh.) Kuntze var. *glencoensis* Kuntze = **Indigofera placida**
- tenuifolia* (Lam.) Kuntze var. *filifolia* Kuntze = **Indigofera tenuissima**
- zeyheri* (Spreng.) Kuntze var. *macrophylla* Kuntze = **Indigofera rostrata**
- zeyheri* (Spreng.) Kuntze var. *normalis* Kuntze = **Indigofera zeyheri**
- ANTHYLLIS** L. 3691000
aspalathoides L. = **Aspalathus aspalathoides**
- APODYNOMENE** E.Mey. 3718030
grandiflora E.Mey. = **Tephrosia grandiflora**
macropoda E.Mey. = **Tephrosia macropoda** var. **macropoda**
- *ARACHIS** L. 3803000
Compiled by T. Nkonki & N. Swelankomo
(1) Gillett *et al.* 1971. *FTEA Leguminosae* 3,1: 440–442.
fruticosa Retz. = **Stylosanthes fruticosa**
- hypogaea** L.
Annual. Herb. Ht ?–0.3 m. Alt? N, M, KZN
- ARGYROLOBIUM** Eckl. & Zeyh. 3673000
Compiled by T. Nkonki & N. Swelankomo
(1) Harvey & Sonder. 1862. *FC* 2: 1–285.
(2) Dümmer. 1913. *The Journal of Botany* 51: 221, 222.
(3) Adamson & Salter. 1950. *Flora of the Cape Peninsula*: 469.
(4) Ross. 1971. *The Flowering Plants of Africa* 41: t. 1602.
(5) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 57–99.
(6) Lock. 1989. *Legumes of Africa*: 267–275.
(7) Edwards. 1993. *Bothalia* 23: 76–79.
(8) Edwards. 1994. *South African Journal of Botany* 60,1: 39–43.
(9) Edwards. 1996. *Bothalia* 26: 42–46.
- aciculare** Dummer
Annual. Herb. Ht ?–0.1 m. Alt? WC
- adscendens** Walp.
Perennial. Herb. Ht ?–0.5 m. Alt 579–1372 m. M, S, KZN
- amplexicaule** (E.Mey.) Dummer
A. pilosum Harv. (6)
Lotus amplexicaulis E.Mey. (2)
Perennial. Dwarf shrub, climber. Ht 0.12–1 m. Alt 763–2073 m. FS, KZN, EC
- andrewsianum* (E.Mey.) Steud. = **A. tomentosum**
- angustifolium* Eckl. & Zeyh. = **A. tuberosum**
- angustissimum** (E.Mey.) T.J.Edwards
Perennial. Herb. Ht 0.2–0.3 m. Alt? WC
- argenteum** Eckl. & Zeyh.
Perennial. Shrub, herb, climber. Ht 0.4–1 m. Alt 274–1676 m. FS, NC, WC, EC
- baptisioides** Walp.
Perennial. Shrub, dwarf shrub. Ht ?–1 m. Alt 610–1281 m. KZN, EC
- barbatum** Walp.
Perennial. Herb. Ht 0.15–1.8 m. Alt 183–245 m. EC
- brevicalyx* C.H.Stirt. = **Polhillia brevicalyx**
- campicola** Harms
Perennial. Herb. Ht 0.28–0.8 m. Alt 915–1067 m. G, M, FS

- candicans** Eckl. & Zeyh.
Perennial. Herb. Ht 0.1–0.2 m. Alt 30–1830 m. KZN, L, EC
- collinum** Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.1–0.45 m. Alt 518–1433 m. FS, KZN, L, EC
- connatum** Harv. = **Polhillia connata**
- crassifolium** Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.6–1.5 m. Alt 122–1220 m. NW, EC
- crinitum** (E.Mey.) Walp.
Perennial. Dwarf shrub. Ht ?–0.6 m. Alt? WC
- filiforme** Eckl. & Zeyh.
A. stenorrhizon Oliv. (3)
Perennial. Herb. Ht 0.1–0.15 m. Alt 21–945 m. WC, EC
- frutescens** Burt Davy
Perennial. Shrub. Ht 0.5–0.6 m. Alt 762–1464 m. M, S
- harveyanum** Oliv.
A. uniflorum Harv. (5)
Perennial. Dwarf shrub, herb. Ht 0.1–0.5 m. Alt 0–2450 m. LIM, G, M, S, FS, KZN, WC, EC
- humile** E. Phillips
Perennial. Herb. Ht 0.02–0.75 m. Alt 50–2130 m. FS, KZN, EC
- incanum** Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.07–1.5 m. Alt 61–915 m. EC
- involucratum** (Thunb.) Harv. = **Polhillia involucrata**
- lanceolatum** Eckl. & Zeyh.
Perennial. Herb, climber. Ht ?–1 m. Alt 155–854 m. WC, EC
- lancifolium** Burt Davy
Perennial. Shrub, dwarf shrub. Ht 0.1–1.25 m. Alt 600–1647 m. LIM, M
- leptocladum** Harms = **A. lotoides**
- longifolium** (Meisn.) Walp.
A. natalense Dummer (8)
Perennial. Dwarf shrub. Ht 0.3–1.5 m. Alt 610–1220 m. KZN
- lotoides** Harv.
A. leptocladum Harms (7)
A. variopile N.E.Br. (7)
Perennial. Herb. Ht 0.05–0.2 m. Alt 335–3000 m. M, FS, KZN, L, EC
- lydenburgense** Harms (insufficiently known)
Perennial. Herb. Ht? Alt? KZN
- marginatum** Bolus
Perennial. Herb. Ht 0.1–1.8 m. Alt 61–2409 m. S, FS, KZN, EC
- megarrhizum** Bolus
Perennial. Shrub, dwarf shrub. Ht 0.3–7 m. Alt 945–1311 m. G, M
- molle** Eckl. & Zeyh.
Perennial. Herb. Ht 0.05–0.2 m. Alt 61–2683 m. G, M, FS, KZN, WC, EC
- muddii** Dummer
Perennial. Dwarf shrub, herb. Ht 0.25–0.6 m. Alt 1200–1677 m. LIM, M
- muirii** L. Bolus
Perennial. Herb. Ht ?–0.2 m. Alt? WC
- nanum** Schltr. ex Harms
Perennial. Herb. Ht ?–0.1 m. Alt 1525–1830 m. M, KZN
- natalense** Dummer = **A. longifolium**
- nigrescens** Dummer
Perennial. Herb. Ht 0.07–0.2 m. Alt 1098–2134 m. M, FS, KZN, L
- parviflorum** T.J. Edwards
Perennial. Shrub. Ht ?–1 m. Alt? WC
- patens** Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.05–0.2 m. Alt 15–930 m. FS, KZN, NC, WC, EC
- pauciflorum** Eckl. & Zeyh. var. **pauciflorum**
Perennial. Herb. Ht 0.45–5.5 m. Alt 250–2043 m. G, M, FS, KZN, L, EC
- pauciflorum** Eckl. & Zeyh. var. **semiglabrum** Harv.
Perennial. Herb. Ht 0.15–5.5 m. Alt 396–1433 m. FS, KZN, EC
- petiolare** Walp.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt? NC
- pilosum** Harv. = **A. amplexicaule**
- polyphyllum** Eckl. & Zeyh.
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 15–1677 m. EC
- pumilum** Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.1–0.25 m. Alt 15–1220 m. FS, WC, EC
- pseudotuberosum** T.J. Edwards
Perennial. Herb. Ht 0.12–0.6 m. Alt 1067–2074 m. M, S, KZN
- rotundifolium** T.J. Edwards
Perennial. Herb. Ht 0.15–1.8 m. Alt 2–976 m. KZN, EC
- rupestre** (E.Mey.) Walp. subsp. **rupestre**
Perennial. Herb. Ht 0.1–0.6 m. Alt 200–2440 m. LIM, G, M, FS, KZN, L, WC, EC
- sandersonii** Harv.
Perennial. Dwarf shrub, herb. Ht 0.3–0.5 m. Alt 549–1220 m. KZN
- sankeyi** Harms
Perennial. Herb. Ht? Alt ?–1708 m. KZN
- sericeum** Eckl. & Zeyh.
Perennial. Shrub. Ht 0.3–1 m. Alt 305–549 m. EC
- sericosemium** Harms
Perennial. Herb. Ht 0.1–0.3 m. Alt 1500–2226 m. KZN
- speciosum** Eckl. & Zeyh.
Perennial. Herb. Ht 0.2–5 m. Alt 610–1952 m. G, M, S, KZN, EC
- splendens** (E.Mey.) Walp.
Perennial. Herb. Ht 0.2–0.3 m. Alt ± 300 m. WC
- stenorrhizon** Oliv. = **A. filiforme**
- stipulaceum** Eckl. & Zeyh.
Perennial. Herb. Ht 0.12–0.3 m. Alt 6–2440 m. M, FS, KZN, EC
- summomontanum** Hilliard & B.L. Burt

- Perennial. Herb. Ht 0.07–0.3 m. Alt 2348–2897 m. FS, KZN, L, EC
- sutherlandii** Harv.
Perennial. Dwarf shrub, herb. Ht ?–0.9 m. Alt ?–610 m. KZN
- tomentosum** (Andrews) Druce
A. andrewsianum (E.Mey.) Steud. (5)
Perennial. Shrub, dwarf shrub. Ht 0.2–2 m. Alt 9–3019 m. LIM, G, M, S, KZN, WC, EC
- transvaalense** Schinz
Perennial. Shrub, dwarf shrub. Ht 0.45–1.6 m. Alt 610–2040 m. LIM, M
- tuberosum** Eckl. & Zeyh.
A. angustifolium Eckl. & Zeyh. (1)
Perennial. Herb. Ht 0.6–0.9 m. Alt 91–2897 m. LIM, NW, G, M, S, FS, KZN, EC
- tysonii** Harms
Perennial. Herb. Ht 0.05–0.3 m. Alt 1900–2592 m. KZN, EC
- uniflorum* Harv. = **A. harveyanum**
- variopile* N.E.Br. = **A. lotoides**
- velutinum** Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt? FS, KZN, WC
- wilmsii** Harms
Perennial. Shrub. Ht 0.3–2 m. Alt 640–1830 m. LIM, M, S, FS, KZN, EC
- woodii** Dummer (insufficiently known)
Perennial. Shrub. Ht? Alt? KZN
- ASPALATHUS L.** 3662000
Compiled by T. Nkonki
- (1) Dahlgren. 1960. *Opera Botanica* 4: 7–389.
 - (2) Dahlgren. 1961. *Opera Botanica* 6: 9–118.
 - (3) Dahlgren. 1962. *Botaniska Notiser* 115,4: 465–473.
 - (4) Dahlgren. 1963. *Opera Botanica* 8,1: 1–179.
 - (5) Dahlgren. 1964. *Botaniska Notiser* 117,2: 188–196.
 - (6) Dahlgren. 1965. *Opera Botanica* 10,1: 1–231.
 - (7) Dahlgren. 1966. *Opera Botanica* 11,1: 7–266.
 - (8) Dahlgren. 1967. *The Flowering Plants of Africa* 38: tt. 1481, 1482.
 - (9) Dahlgren. 1967. *Botaniska Notiser* 120: 26–40
 - (10) Dahlgren. 1968. *Opera Botanica* 21: 8–304.
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 - (12) Dahlgren. 1969. *Flowering Plants of Africa* 40: tt. 1570, 1571.
 - (13) Dahlgren. 1988. *FSA* 16, 3, 6: 1–423.
- abietina** Thunb.
A. filifolia E.Mey. (9)
A. fornicata Benth. (9)
Paraspalathus crocea C.Presl (9)
Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 15–1062 m. WC
- acanthes** Eckl. & Zeyh.
Perennial. Shrub. Ht 0.4–3.5 m. Alt 75–730 m. WC, EC
- acanthiloba** R.Dahlgren
Perennial. Dwarf shrub. Ht 0.5–0.8 m. Alt ?–180 m. WC
- acanthoclada** R.Dahlgren
Perennial. Shrub. Ht 0.4–1 m. Alt? WC
- acanthophylla** Eckl. & Zeyh.
A. chamissonis Vogel (7)
Perennial. Shrub. Ht 0.3–0.9 m. Alt? WC
- acicularis** E.Mey. subsp. **acicularis**
Perennial. Shrub, dwarf shrub. Ht 0.25–1.5 m. Alt 1525–1829 m. L, NC, EC
- acicularis** E.Mey. subsp. **planifolia** R.Dahlgren
Perennial. Shrub. Ht 0.3–0.8 m. Alt ?–1550 m. NC, EC
- acidota** Garab. ex R.Dahlgren
Perennial. Shrub. Ht 0.9–1.2 m. Alt? WC
- acifera** R.Dahlgren
Perennial. Dwarf shrub. Ht ?–0.6 m. Alt? WC
- aciloba** R.Dahlgren
Perennial. Dwarf shrub. Ht ?–0.3 m. Alt 35–90 m. WC
- aciphylla** Harv.
Perennial. Shrub, dwarf shrub. Ht 0.3–2.5 m. Alt 80–975 m. WC, EC
- acocksii** (R.Dahlgren) R.Dahlgren
A. quinquefolia L. subsp. *acocksii* R.Dahlgren (13)
Perennial. Shrub. Ht 0.5–1 m. Alt 400–970 m. NC, WC
- aculeata** Thunb.
Achyronia aculeata (Thunb.) Kuntze (4)
Perennial. Shrub. Ht 0.6–1 m. Alt 180–305 m. WC
- acuminata** Lam. subsp. **acuminata**
A. inervis (E.Mey.) Benth. (10)
Perennial. Shrub, dwarf shrub. Ht 0.15–2.5 m. Alt 12–1500 m. WC
- acuminata* Lam. subsp. *magniflora* R.Dahlgren = **A. tulbaghensis**
- acuminata** Lam. subsp. **pungens** (Thunb.) R.Dahlgren
A. pungens Thunb. (10)
Perennial. Shrub. Ht 0.3–2.5 m. Alt 185–1204 m. NC
- acutiflora** R.Dahlgren
Perennial. Shrub, dwarf shrub. Ht 0.5–0.8 m. Alt ?–45 m. WC
- adelphaea* Eckl. & Zeyh. = **A. subtingens**
- aemula** E.Mey.
A. sericea P.J.Bergius subsp. *aemula* (E.Mey.) R.Dahlgren (13)
Ononis spicata Thunb. (13)
Paraspalathus aemula (E.Mey.) C.Presl (13)
Perennial. Shrub. Ht 1–2.5 m. Alt 520–915 m. WC
- aerula** E.Mey. **β ramulosa** (E.Mey.) Harv. = **A. ramulosa**
- affinis* Thunb. = **A. pinguis** subsp. **pinguis**
- agardhiana* DC. = **A. albens**
- albanensis* Eckl. & Zeyh. = **A. frankenioides**
- albens** L.
A. agardhiana DC. (10)
A. armata Thunb. (10)
A. exilis Harv. (10)
Buchenroedera teretifolia Eckl. & Zeyh. (10)
Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 15–305 m. NC, WC
- albiflora* Eckl. & Zeyh. = **A. hispida** subsp. **albiflora**
- alopeuroides* E.Mey. = **A. setacea**
- alopecurus** Benth.
Perennial. Shrub. Ht 0.2–1 m. Alt 10–220 m. WC, EC
- alpestris** (Benth.) R.Dahlgren
Borbonia alpestris Benth. (11)
Borbonia pungens Mundt ex Benth. (11)
Perennial. Dwarf shrub. Ht 0.2–1 m. Alt 15–975 m. WC

alpina Eckl. & Zeyh. = **A. asparagoides** subsp. **rubro-fusca**

alternifolia Harv. = **A. nudiflora**

altissima R.Dahlgren

Perennial. Shrub. Ht 0.5–2.5 m. Alt 300–1435 m. WC

amoena (R.Dahlgren) R.Dahlgren

A. retroflexa L. subsp. *amoena* R.Dahlgren (6)

Perennial. Shrub. Ht 0.3–0.7 m. Alt? WC

angustifolia (Lam.) R.Dahlgren subsp. **angustifolia**

Borbonia angustifolia Lam. (11)

Borbonia decipiens E.Mey. (11)

Borbonia lanceolata L. (11)

Borbonia lanceolata L. *β angustifolia* (Lam.) Walp. (11)

Borbonia lanceolata L. var. *villosa* E.Phillips (11)

Perennial. Shrub, dwarf shrub. Ht 0.15–1 m. Alt 15–600 m. NC, WC, EC

angustifolia (Lam.) R.Dahlgren subsp. **robusta** (E.Phillips) R.Dahlgren

Borbonia lanceolata L. var. *robusta* E.Phillips (11)

Perennial. Shrub. Ht 2–3 m. Alt 155–1525 m. WC, EC

angustissima E.Mey. = **A. filicaulis**

anthylloides L. = **A. aspalathoides**

appendiculata E.Mey. = **A. ciliaris**

araneosa L.

Paraspalathus araneosa (L.) C.Presl (4)

Paraspalathus cancellata C.Presl (4)

Perennial. Dwarf shrub. Ht 0.01–1.5 m. Alt 90–914 m. WC

araneosa L. *β rigidior* E.Mey. = **A. rubiginosa**

arenaria R.Dahlgren

Perennial. Shrub. Ht 1–1.7 m. Alt 18–600 m. WC

argentea L. = **A. caledonensis**

argentea L. *β glabriuscula* E.Mey. = **A. tridentata** subsp. **tridentata**

argyraea DC. = **A. pedunculata**

argyrella MacOwan

Perennial. Dwarf shrub. Ht ?–0.3 m. Alt 50–1005 m. WC

argyrophanes R.Dahlgren

Perennial. Shrub. Ht 0.6–1.5 m. Alt 460–1575 m. FS, WC, EC

arida E.Mey. subsp. **arida**

Achyronia arida (E.Mey.) Kuntze (7)

Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 30–1320 m. WC

arida E.Mey. subsp. **erecta** (E.Mey.) R.Dahlgren

Cyphocalyx aridus (E.Mey.) C.Presl (7)

Perennial. Shrub. Ht 0.8–1.5 m. Alt ?–150 m. WC

arida E.Mey. subsp. **procumbens** (E.Mey.) R.Dahlgren

Cyphocalyx major C.Presl (7)

Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 107–305 m. WC

aristata Compton

Perennial. Dwarf shrub. Ht ?–1 m. Alt 1125–1220 m. WC

aristifolia R.Dahlgren

Perennial. Dwarf shrub. Ht ?–1 m. Alt 120–546 m. WC

armata Thunb. = **A. albens**

aspalathoides (L.) R.Dahlgren

Achyronia anthyllodes (L.) Kuntze (1)

Anthyllis aspalathoides L. (1)

A. anthylloides L. (1)

A. kraussiana Meisn. (1)

A. stellaris Eckl. & Zeyh. (1)

Paraspalathus stellaris (Eckl. & Zeyh.) C.Presl (1)

Perennial. Shrub, dwarf shrub. Ht 0.1–0.45 m. Alt 15–1405 m. WC

asparagoides L.f. subsp. **asparagoides**

Achyronia asparagoides (L.f.) Kuntze (4)

Perennial. Shrub, dwarf shrub. Ht 0.25–1 m. Alt 10–270 m. WC

asparagoides L.f. subsp. **rubro-fusca** (Eckl. & Zeyh.) R.Dahlgren

Achyronia rubro-fusca (Eckl. & Zeyh.) Kuntze (4)

A. alpina Eckl. & Zeyh. (4)

A. rubro-fusca Eckl. & Zeyh. (4)

Perennial. Shrub. Ht 0.1–1 m. Alt 305–610 m. WC, EC

astroites L.

Achyronia astroites (L.) Kuntze (10)

Perennial. Shrub. Ht 0.8–1.3 m. Alt 550–765 m. WC

attenuata R.Dahlgren

Perennial. Dwarf shrub. Ht ?–1 m. Alt ?–290 m. WC

aulonogena Eckl. & Zeyh. = **A. ciliaris**

aurantiaca R.Dahlgren

Perennial. Shrub. Ht ?–1 m. Alt? WC

barbata (Lam.) R.Dahlgren

Borbonia barbata Lam. (11)

Perennial. Shrub. Ht 0.4–1.3 m. Alt 366–520 m. WC

barbigera R.Dahlgren

Perennial. Shrub. Ht 0.4–1 m. Alt 60–80 m. WC

batodes Eckl. & Zeyh. subsp. **batodes**

A. munita Bolus (10)

Perennial. Shrub, dwarf shrub. Ht 0.35–0.5 m. Alt 364–520 m. WC

batodes Eckl. & Zeyh. subsp. **spinulifolia** R.Dahlgren

Perennial. Dwarf shrub. Ht ?–1 m. Alt 168–400 m. WC

benthamii Harv. = **A. spicata**

bicolor Eckl. & Zeyh. = **A. retroflexa** subsp. **bicolor**

bidouwensis Garab. ex R.Dahlgren

Perennial. Shrub, dwarf shrub. Ht 0.3–0.6 m. Alt ?–1000 m. WC

biflora E.Mey. subsp. **biflora**

A. suffruticosa DC. (10)

Perennial. Dwarf shrub. Ht 0.1–1 m. Alt 6–795 m. WC, EC

biflora E.Mey. subsp. **longicarpa** R.Dahlgren

Perennial. Dwarf shrub. Ht? Alt ?–60 m. EC

bodkinii Bolus

Perennial. Dwarf shrub. Ht 0.02–0.7 m. Alt 850–2135 m. WC

borboniifolia R.Dahlgren

Perennial. Shrub. Ht 0.2–0.6 m. Alt 610–765 m. WC

bowieana (Benth.) R.Dahlgren

A. canescens L. *β bowieana* Benth. (6)

Perennial. Shrub. Ht 0.9–1.5 m. Alt 244–564 m. WC, EC

bracteata Thunb.

A. capillaris (Thunb.) Benth. (1)

A. pedunculata L'Hér. (1)

- A. squarrosa* Thunb. (1)
Ononis capillaris Thunb. (1)
Psilolepus bracteatus (Thunb.) C.Presl (1)
Psilolepus pedunculatus (L'Hér.) C.Presl (1)
 Perennial. Dwarf shrub. Ht 0.3–1.5 m. Alt 80–1983 m.
 WC, EC
- brevicarpa** (R.Dahlgren) R.Dahlgren
A. divaricata Thunb. subsp. *brevicarpa* R.Dahlgren (13)
 Perennial. Dwarf shrub. Ht ?–0.1 m. Alt 200–1370 m.
 WC
- burchelliana** Benth.
 Perennial. Shrub. Ht ?–0.8 m. Alt? WC
- caerulescens* E.Mey. = **Lotononis caerulescens**
- caespitosa** R.Dahlgren
 Perennial. Dwarf shrub. Ht? Alt? WC
- calcarata** Harv.
Achyronia calcarata (Harv.) Kuntze (6)
 Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 122–152 m.
 WC
- calcareia** R.Dahlgren
A. remota L.Bolus (10)
 Perennial. Dwarf shrub. Ht 0.2–0.9 m. Alt 20–155 m.
 WC
- caledonensis** R.Dahlgren
A. argentea L. (13)
Paraspalathus argentea (L.) C.Presl (13)
 Perennial. Dwarf shrub. Ht 0.2–0.7 m. Alt 182–580 m.
 WC
- callosa** L.
Achyronia callosa (L.) Kuntze (7)
Paraspalathus callosa (L.) C.Presl (7)
 Perennial. Dwarf shrub. Ht 0.15–1 m. Alt 15–1585 m.
 WC
- callosa* L. var. *α fusca* (Thunb.) Harv. = **A. fusca**
- callosa* L. var. *β brevifolia* Benth. = **A. tyloses**
- campestris** R.Dahlgren
 Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt ?–39 m.
 WC
- canaliculata* E.Mey. = **A. stenophylla**
- candicans** W.T.Aiton
A. sericea Lam. (7)
 Perennial. Shrub. Ht 0.6–1.5 m. Alt 15–533 m. WC
- candidula** R.Dahlgren
 Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 60–165 m.
 WC
- canescens* L. = **A. laricifolia** subsp. **canescens**
- canescens* L. *α elongata* E.Mey. = **A. laricifolia** subsp. **canescens**
- canescens* L. *β bowieana* Benth. = **A. bowieana**
- capensis** (Walp.) R.Dahlgren
A. sarcodes Vogel ex Benth. (7)
Sarcocalyx capensis Walp. (7)
Sarcophyllus carnosus Thunb. (7)
 Perennial. Shrub. Ht 1–2 m. Alt 2–396 m. WC
- capillaris* (Thunb.) Benth. = **A. bracteata**
- capitata** L.
Achyronia capitata (L.) Kuntze (7)
A. glomerata L.f. (7)
Paraspalathus capitata (L.) C.Presl (7)
 Perennial. Tree, shrub. Ht ?–2 m. Alt 365–950 m. WC
- capitella* Burch. ex Benth. = **A. inops**
- carnosa** P.J.Bergius
Achyronia carnosa (P.J.Bergius) Kuntze (7)
Paraspalathus carnosa (P.J.Bergius) C.Presl (7)
 Perennial. Shrub. Ht 0.2–1.5 m. Alt 9–750 m. WC
- cephalotes* Thunb. *β albida* Eckl. & Zeyh. = **A. cephalotes** subsp. **violaceae**
- cephalotes** Thunb. subsp. **cephalotes**
A. spicata Thunb. *β cephalotes* (Thunb.) Harv. (2)
Paraspalathus cephalotes (Thunb.) C.Presl (2)
 Perennial. Shrub. Ht 0.6–2 m. Alt 250–762 m. WC
- cephalotes** Thunb. subsp. **obscurifolia** R.Dahlgren
 Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt? WC
- cephalotes** Thunb. subsp. **violaceae** R.Dahlgren
Achyronia cephalotes (Thunb.) Kuntze (2)
A. cephalotes Thunb. *β albida* Eckl. & Zeyh. (2)
 Perennial. Dwarf shrub. Ht 0.3–1.8 m. Alt 76–762 m.
 WC
- cerrhantha** Eckl. & Zeyh.
Paraspalathus cerrhantha (Eckl. & Zeyh.) C.Presl (2)
 Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 120–488 m.
 WC
- chamissonis* Vogel = **A. acanthophylla**
- chenopoda* L. *β gracilis* Eckl. & Zeyh. = **A. chenopoda** subsp. **gracilis**
- chenopoda** L. subsp. **chenopoda**
Achyronia chenopoda (L.) Kuntze (4)
A. chenopus Spreng. (4)
Trineuria chenopoda (L.) C.Presl (4)
 Perennial. Shrub. Ht 0.6–2 m. Alt 46–305 m. WC
- chenopoda** L. subsp. **gracilis** (Eckl. & Zeyh.) R.Dahlgren
A. chenopoda L. *β gracilis* Eckl. & Zeyh. (4)
 Perennial. Shrub. Ht ?–1 m. Alt? WC
- chenopus* Spreng. = **A. chenopoda** subsp. **chenopoda**
- chortophila** Eckl. & Zeyh.
A. frankenioides DC. var. *α chortophila* (Eckl. & Zeyh.) Harv. (6)
 Perennial. Shrub, dwarf shrub. Ht 0.1–3 m. Alt 10–1890 m. KZN, WC, EC
- chortophila* Eckl. & Zeyh. subsp. *congesta* R.Dahlgren = **A. congesta**
- chortophila* Eckl. & Zeyh. subsp. *kougaensis* R.Dahlgren = **A. kougaensis**
- chrysantha** R.Dahlgren
 Perennial. Dwarf shrub. Ht ?–0.2 m. Alt 480–610 m.
 WC
- ciliaris** L.
Achyronia ciliaris (L.) Kuntze (4)
Achyronia leucophaea (Harv.) Kuntze (4)
A. appendiculata E.Mey. (4)
A. aulonogena Eckl. & Zeyh. (4)
A. dubia E.Mey. (4)
A. leucophaea Harv. (4)
A. meyeriana Eckl. & Zeyh. (4)
A. oresigena Eckl. & Zeyh. (4)
A. papillosa Eckl. & Zeyh. (4)
A. robusta Bolus (4)
Paraspalathus meyeriana (Eckl. & Zeyh.) C.Presl (4)
Trineuria appendiculata (E.Mey.) C.Presl (4)
Trineuria ciliaris (L.) C.Presl (4)
Trineuria papillosa (Eckl. & Zeyh.) C.Presl (4)
 Perennial. Shrub. Ht 0.1–1.5 m. Alt 15–1500 m. WC, EC
- ciliatistyla* L.Bolus = **A. mundiana**
- cinerascens** E.Mey.
 Perennial. Shrub. Ht 0.9–2.5 m. Alt 45–670 m. EC

cinerea Thunb. = **A. cytisoides**

citrina R.Dahlgren

Perennial. Shrub, dwarf shrub. Ht 0.2–0.7 m. Alt 60–460 m. WC

cliffortiifolia R.Dahlgren

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt? EC

cliffortioides Bolus

A. spicata Thunb. subsp. *cliffortioides* (Bolus in Schltr.) R.Dahlgren (13)

Perennial. Shrub. Ht 0.2–1 m. Alt 150–1465 m. WC

cognata C.Presl = **A. linearis**

collina Eckl. & Zeyh. subsp. **collina**

Achyronia collina (Eckl. & Zeyh.) Kuntze (7)

A. versicolor E.Mey. (7)

Perennial. Shrub, dwarf shrub. Ht 0.3–2 m. Alt 155–1830 m. WC, EC

collina Eckl. & Zeyh. subsp. **luculenta** R.Dahlgren

Perennial. Shrub. Ht 0.6–2.8 m. Alt 372–1420 m. WC

commutata (Vogel) R.Dahlgren

Borbonia commutata Vogel (11)

Borbonia undulata Thunb. (11)

Borbonia undulata Thunb. var. *ciliata* E.Phillips (11)

Perennial. Shrub. Ht 0.3–0.5 m. Alt 460–1450 m. WC

comosa Thunb. = **A. parviflora**

compacta R.Dahlgren

Perennial. Shrub. Ht? Alt? WC

complicata (Benth.) R.Dahlgren

Borbonia complicata Benth. (11)

Perennial. Shrub. Ht 0.5–1.5 m. Alt? WC

comptonii R.Dahlgren

Perennial. Dwarf shrub. Ht? Alt? WC

concava Bolus

Perennial. Dwarf shrub. Ht ± 0.4 m. Alt ?–800 m. WC

concevifolia (Eckl. & Zeyh.) R.Dahlgren = **A. cytisoides**

condensata R.Dahlgren

Perennial. Dwarf shrub. Ht? Alt? WC

confusa R.Dahlgren

A. simsiana Eckl. & Zeyh. (4)

Perennial. Dwarf shrub. Ht 0.25–0.6 m. Alt? WC

congesta (R.Dahlgren) R.Dahlgren

A. chortophila Eckl. & Zeyh. subsp. *congesta* R.Dahlgren (13)

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 1829–1891 m. WC

cordata (L.) R.Dahlgren

Borbonia cordata L. (11)

Borbonia cordifolia Lam. (11)

Perennial. Shrub. Ht 0.4–1 m. Alt 30–368 m. WC

cordicarpa R.Dahlgren

Perennial. Dwarf shrub. Ht? Alt? WC?

corniculata R.Dahlgren

Perennial. Dwarf shrub. Ht ?–0.9 m. Alt ?–754 m. WC

corrudifolia P.J.Bergius

A. genistoides L. (10)

Perennial. Shrub. Ht 1–3 m. Alt 300–1065 m. WC, EC

corrudifolia P.J.Bergius *β pubescens* Eckl. & Zeyh. = **A. setacea**

corymbosa E.Mey. = **A. linearis**

costulata Benth.

Perennial. Shrub. Ht 0.6–2 m. Alt 180–1220 m. WC

crassisepala R.Dahlgren

A. retroflexa L. var. *γ parviflora* Harv. (10)

Perennial. Dwarf shrub. Ht 0.1–1.5 m. Alt 15–1372 m. WC

crenata (L.) R.Dahlgren

A. leiantha (E.Phillips) R.Dahlgren (13)

Borbonia alata Willd. ex Spreng. (11)

Borbonia crenata L. (11)

Borbonia leiantha E.Phillips (13)

Borbonia parviflora Lam. (11)

Borbonia ruscifolia Sims (11)

Borbonia serrulata Thunb. (11)

Perennial. Shrub. Ht 0.15–1.8 m. Alt 75–1525 m. WC

cuspidata R.Dahlgren

Perennial. Dwarf shrub. Ht 0.15–0.35 m. Alt 45–880 m. WC

cuspidata R.Dahlgren subsp. *stricticlada* R.Dahlgren = **A. stricticlada**

cymbiformis DC.

A. cymbiformis DC. var. *α hirta* DC. (4)

A. cymbiformis DC. var. *β cochleariformis* C.Presl (4)

A. cymbiformis DC. var. *β pubescens* DC. (4)

A. scaphoides Eckl. & Zeyh. (4)

A. thymifolia L. (4)

Trineuria cochleariformis C.Presl (4)

Trineuria cymbiformis (DC.) C.Presl (4)

Perennial. Shrub. Ht 0.15–1 m. Alt 27–915 m. WC

cymbiformis DC. var. *α hirta* DC. = **A. cymbiformis**

cymbiformis DC. var. *β cochleariformis* C.Presl = **A. cymbiformis**

cymbiformis DC. var. *β pubescens* DC. = **A. cymbiformis**

cytisoides Lam.

A. cinerea Thunb. (1)

A. concavifolia (Eckl. & Zeyh.) R.Dahlgren (1)

A. cytisoides Lam. *β decumbens* Benth. (1)

Cliffortia concavifolia Eckl. & Zeyh. (1)

Paraspalathus cinerea (Thunb.) C.Presl (1)

Paraspalathus cytisoides (Lam.) C.Presl (1)

Perennial. Shrub, dwarf shrub. Ht 0.2–0.9 m. Alt 609–1500 m. WC

cytisoides Lam. *β decumbens* Benth. = **A. cytisoides**

dasyantha Eckl. & Zeyh.

Perennial. Shrub. Ht 0.03–1 m. Alt 91–305 m. WC

deciduifolia Eckl. & Zeyh. = **A. nigra**

decora R.Dahlgren

Perennial. Shrub. Ht 1.5–3 m. Alt 950–1350 m. WC

densifolia Benth.

Perennial. Shrub. Ht 1–1.5 m. Alt ?–200 m. WC

desertorum Bolus

Perennial. Dwarf shrub. Ht 0.7–1 m. Alt ?–305 m. WC

dianthopora E.Phillips

Perennial. Shrub. Ht 0.6–2 m. Alt 460–1100 m. WC

diffusa Eckl. & Zeyh.

Perennial. Dwarf shrub. Ht? Alt 487–500 m. WC

digitifolia R.Dahlgren

Perennial. Dwarf shrub. Ht 0.3–1.2 m. Alt 488–915 m. WC

divaricata Thunb. *β microphylla* (DC.) Harv. = **A. microphylla**

divaricata Thunb. subsp. *brevicarpa* R.Dahlgren = **A. brevicarpa**

divaricata Thunb. subsp. **divaricata**

Perennial. Shrub, dwarf shrub. Ht 0.1–1.5 m. Alt 30–1770 m. NW, WC

divaricata Thunb. subsp. **gracilior** R.Dahlgren
Perennial. Dwarf shrub. Ht ?–0.4 m. Alt 518–600 m.
WC

divaricata Thunb. subsp. *horizontalis* R.Dahlgren = **A. horizontalis**

divaricata Thunb. subsp. *leptocoma* (Eckl. & Zeyh.) R.Dahlgren = **A. leptocoma**

divergens Willd. ex E.Mey. = **A. microphylla**

divergens Willd. ex E.Mey. α *microphylla* (DC.) E.Mey. = **A. microphylla**

dregeana Walp. = **A. incurva**

dubia E.Mey. = **A. ciliaris**

dunsdoniana Alston ex R.Dahlgren
Perennial. Shrub. Ht 1–2 m. Alt 70–495 m. WC

echinata E.Mey. = **A. setacea**

elliptica (E.Phillips) R.Dahlgren
Borbonia elliptica E.Phillips (11)
Borbonia latifolia Benth. (11)
Perennial. Shrub. Ht 0.8–2 m. Alt 610–1160 m. WC

elongata Eckl. & Zeyh. = **A. quinquefolia** subsp. **virgata**

elongata E.Mey. α *virgata* Benth. = **A. linguiloba**

empetrifolia (R.Dahlgren) R.Dahlgren
A. retroflexa L. subsp. *empetrifolia* R.Dahlgren (13)
Perennial. Dwarf shrub. Ht? Alt? WC

ericifolia L. subsp. **ericifolia**
Paraspalathus ericifolia (L.) C.Presl (6)
Perennial. Shrub. Ht 0.2–1 m. Alt 25–765 m. WC

ericifolia L. subsp. **minuta** R.Dahlgren
Perennial. Dwarf shrub. Ht 0.3–1 m. Alt ?–460 m. WC

ericifolia L. subsp. *puberula* (Eckl. & Zeyh.) R.Dahlgren = **A. puberula**

ericifolia L. subsp. **pusilla** R.Dahlgren
Perennial. Dwarf shrub. Ht ?–0.2 m. Alt ?–150 m. WC

erythrodes Eckl. & Zeyh.
Achyronia erythrodes (Eckl. & Zeyh.) Kuntze (7)
Paraspalathus erythrodes (Eckl. & Zeyh.) C.Presl (7)
Perennial. Shrub. Ht? Alt? WC

esterhuyseniae R.Dahlgren
A. pumila R.Dahlgren (13)
Perennial. Dwarf shrub. Ht? Alt 915–1675 m. WC

excelsa R.Dahlgren
Perennial. Shrub. Ht 1.3–3 m. Alt ?–50 m. WC

exilis Harv. = **A. albens**

falcata Benth. = **A. lanata**

fasciculata (Thunb.) R.Dahlgren
A. involucrata E.Mey. (1)
A. undulata Eckl. & Zeyh. (1)
Heterolathus involucrata (E.Mey.) C.Presl (1)
Ononis fasciculata Thunb. (1)
Perennial. Shrub. Ht 0.5–1 m. Alt 610–915 m. WC

ferox Harv.
Achyronia ferox (Harv.) Kuntze (7)
Perennial. Shrub, dwarf shrub. Ht? Alt? WC

ferruginea H.P.Banks ex Benth. = **A. ternata**

filicaulis Eckl. & Zeyh.
A. angustissima E.Mey. (6)
A. filicaulis Eckl. & Zeyh. β *subumbellata* Harv. (6)
Paraspalathus filicaulis (Eckl. & Zeyh.) C.Presl (6)
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 303–610 m.
WC

filicaulis Eckl. & Zeyh. β *subumbellata* Harv. = **A. filicaulis**

filifolia E.Mey. = **A. abietina**

flavispina C.Presl = **A. spinosa** subsp. **flavispina**

flexuosa Thunb.
A. kannaensis Eckl. & Zeyh., as ‘*carmaensis*’ (6)
A. mollis Lam. β *flexuosa* (Thunb.) E.Mey. (6)
Perennial. Dwarf shrub. Ht 0.15–1.5 m. Alt 76–305 m.
WC

floribunda Benth. = **A. subulata**

florifera R.Dahlgren
A. glomerata Benth. (6)
Perennial. Shrub. Ht 0.8–2 m. Alt 91–457 m. WC

florulenta R.Dahlgren
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt ?–730 m.
WC

forbesii Harv.
A. priorii Harv., as ‘*priori*’ (2)
Perennial. Shrub, dwarf shrub. Ht 0.4–1.5 m. Alt 46–60 m. WC

fornicata Benth. = **A. abietina**

fourcadei L.Bolus
Perennial. Shrub. Ht 1–2 m. Alt ?–350 m. EC

frankenioides DC.
A. albanensis Eckl. & Zeyh. (10)
A. frankenioides DC. var. γ *albanensis* (Eckl. & Zeyh.) Harv. (10)
A. tomentosa E.Mey. (10)
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 460–1341 m. WC, EC

frankenioides DC. var. α *alpina* Harv. = **A. intermedia**
frankenioides DC. var. α *chortophila* (Eckl. & Zeyh.) Harv. = **A. chortophila**

frankenioides DC. var. α *poliotes* (Eckl. & Zeyh.) Harv. = **A. intermedia**

frankenioides DC. var. β *intermedia* (Eckl. & Zeyh.) Harv. = **A. intermedia**

frankenioides DC. var. γ *albanensis* (Eckl. & Zeyh.) Harv. = **A. frankenioides**

fusca Thunb.
A. callosa L. var. α *fusca* (Thunb.) Harv. (7)
Perennial. Shrub, dwarf shrub. Ht 0.15–1.5 m. Alt 50–500 m. WC

galeata E.Mey.
Paraspalathus galeata (E.Mey.) C.Presl (2)
Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 380–1140 m. WC

galiioides P.J.Bergius = **A. retroflexa** subsp. **retroflexa**

genistoides L. = **A. corrudifolia**

gerrardii Bolus
Perennial. Shrub. Ht 0.4–2 m. Alt 15–500 m. KZN, EC

gillii Benth. = **A. setacea**

glabrata R.Dahlgren
Perennial. Shrub. Ht 0.3–1 m. Alt 152–183 m. WC

glabrescens R.Dahlgren
Perennial. Shrub. Ht 0.8–1.8 m. Alt 549–600 m. WC

glaucula Eckl. & Zeyh. = **A. spinosa** subsp. **glaucula**

globosa Andrews
A. pileata L.Bolus (2)

- Paraspalathus globosa* (Andrews) C.Presl (2)
Perennial. Shrub. Ht 1.5–2.5 m. Alt 747–762 m. WC
- globulosa** E.Mey.
A. nigra L. *β involucrata* Pappe ex Harv. (2)
Perennial. Dwarf shrub. Ht 0.2–2 m. Alt 152–350 m.
WC
- glomerata* Benth. = **A. florifera**
- glomerata* L.f. = **A. capitata**
- glossoides** R.Dahlgren
Perennial. Dwarf shrub. Ht ?–1 m. Alt? WC
- gracilifolia* R.Dahlgren = **A. juniperina** subsp. **gracilifolia**
- gracilis* Garab. ex Fourc. = **A. rubens**
- grandiflora** Benth.
Perennial. Shrub. Ht 0.4–1.3 m. Alt 80–1300 m. WC
- granulata** R.Dahlgren
Perennial. Dwarf shrub. Ht 0.2–1 m. Alt 396–1065 m.
WC
- grobleri** R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt 100–120 m. WC
- heterophylla** L.f.
A. stachyera Eckl. & Zeyh. (1)
Paraspalathus heterophylla ('Thunb.') C.Presl (1)
Perennial. Dwarf shrub. Ht 0.08–0.3 m. Alt 115–840 m. WC
- heterophylla* L.f. subsp. *lagopus* (Thunb.) R.Dahlgren =
A. lotoides subsp. **lagopus**
- heterophylla* L.f. subsp. *lotoides* (Thunb.) R.Dahlgren =
A. lotoides subsp. **lotoides**
- hiatum* Eckl. & Zeyh. = **A. intermedia**
- hirta** E.Mey. subsp. **hirta**
Perennial. Shrub. Ht 0.6–2.5 m. Alt 50–1080 m. NC,
WC
- hirta** E.Mey. subsp. **stellaris** R.Dahlgren
Perennial. Shrub. Ht 0.9–1.5 m. Alt? WC
- hispida** Thunb. subsp. **albiflora** (Eckl. & Zeyh.)
R.Dahlgren
A. albiflora Eckl. & Zeyh. (6)
A. thymifolia L. *α albiflora* (Eckl. & Zeyh.) Benth. (6)
Perennial. Shrub. Ht 0.1–1 m. Alt 60–1065 m. WC, EC
- hispida** Thunb. subsp. **hispida**
A. micrantha E.Mey. (6)
A. microcarpa DC. (6)
Perennial. Shrub, dwarf shrub. Ht 0.15–1.8 m. Alt 3–
1500 m. NC, WC, EC
- horizontalis** (R.Dahlgren) R.Dahlgren
A. divaricata Thunb. subsp. *horizontalis* R.Dahlgren (13)
Perennial. Dwarf shrub. Ht? Alt ?–517 m. WC
- horrida* Eckl. & Zeyh. = **A. spinosa** subsp. **spinosa**
- humilis** Bolus
Perennial. Dwarf shrub. Ht? Alt 1000–1220 m. WC
- hypnoides** R.Dahlgren
Perennial. Dwarf shrub. Ht ?–0.8 m. Alt ?–420 m. WC
- hystrix** L.f.
Perennial. Shrub. Ht 0.5–3 m. Alt 82–1465 m. WC
- incana** R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt ?–1250 m. WC
- incompta** Thunb.
Perennial. Dwarf shrub. Ht 0.91–2.7 m. Alt 60–305 m.
WC
- incurva** Thunb.
A. dregeana Walp. (4)
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 304–549 m.
WC
- incurvifolia** Vogel ex Walp.
Perennial. Dwarf shrub. Ht 0.2–1 m. Alt 15–1115 m.
WC
- inervis* (E.Mey.) Benth. = **A. acuminata** subsp. **acuminata**
- inops** Eckl. & Zeyh.
A. capitata Burch. ex Benth. (13)
A. stenophylla Eckl. & Zeyh. subsp. *garciana* R.Dahlgren (13)
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 450–1204 m. WC
- intermedia** Eckl. & Zeyh.
A. frankenioides DC. var. *α alpina* Harv. (6)
A. frankenioides DC. var. *α poliotes* (Eckl. & Zeyh.) Harv. (6)
A. frankenioides DC. var. *β intermedia* (Eckl. & Zeyh.) Harv. (6)
A. hiatum Eckl. & Zeyh. (6)
A. leptothria Eckl. & Zeyh. (6)
A. poliotes Eckl. & Zeyh. (6)
Paraspalathus intermedia (Eckl. & Zeyh.) C.Presl (6)
Perennial. Dwarf shrub. Ht 0.35–0.6 m. Alt 120–610 m. WC
- intervallis** Bolus
Perennial. Dwarf shrub. Ht 0.7–1 m. Alt 61–975 m.
WC
- intricata** Compton subsp. **anthospermoides** (R.Dahlgren)
R.Dahlgren
A. wittebergensis Compton & P.E.Barnes subsp. *anthospermoides*
R.Dahlgren (10)
Perennial. Dwarf shrub. Ht up to 0.35 m. Alt? WC
- intricata** Compton subsp. **intricata**
A. wittebergensis Compton & P.E.Barnes subsp. *intricata* (Compton)
R.Dahlgren (10)
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 960–1524 m. FS, WC
- intricata** Compton subsp. **oxyclada** (Compton) R.Dahlgren
A. oxyclada Compton (10)
A. wittebergensis Compton & P.E.Barnes subsp. *oxyclada* (Compton)
R.Dahlgren (9)
Perennial. Dwarf shrub. Ht? Alt ?–1150 m. WC
- involucrata* E.Mey. = **A. fasciculata**
- isolata** (R.Dahlgren) R.Dahlgren
A. varians Eckl. & Zeyh. subsp. *isolata* R.Dahlgren (13)
Perennial. Dwarf shrub. Ht 0.15–0.25 m. Alt? WC
- jacoba* E.Mey. = **A. quinquefolia** subsp. **quinquefolia**
- joubertiana** Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.4–1.5 m. Alt 152–1525 m. WC
- joubertiana* Eckl. & Zeyh. subsp. *glabripetala* R.Dahlgren
= **A. shawii** subsp. **glabripetala**
- joubertiana* Eckl. & Zeyh. subsp. *longispica* R.Dahlgren
= **A. shawii** subsp. **longispica**
- joubertiana* Eckl. & Zeyh. subsp. *shawii* (L.Bolus) R.Dahlgren
= **A. shawii** subsp. **shawii**
- juniperina** Thunb. subsp. **gracilifolia** (R.Dahlgren) R.Dahlgren
A. gracilifolia R.Dahlgren (13)
Perennial. Dwarf shrub. Ht ?–1 m. Alt ?–1000 m. WC
- juniperina** Thunb. subsp. **grandis** R.Dahlgren
Perennial. Shrub. Ht ?–0.8 m. Alt 50–160 m. WC
- juniperina** Thunb. subsp. **juniperina**
Perennial. Dwarf shrub. Ht 0.9–1.5 m. Alt 30–1371 m.
WC

- juniperina** Thunb. subsp. **monticola** R.Dahlgren
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 1000–2000 m. WC
- kannaensis** Eckl. & Zeyh., as ‘*carmaensis*’ = **A. flexuosa**
- karrooensis** R.Dahlgren
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt ?–1220 m. WC
- katbergensis** (R.Dahlgren) R.Dahlgren
A. simii Bolus subsp. *katbergensis* R.Dahlgren (13)
Perennial. Shrub. Ht 0.4–1 m. Alt 52–1600 m. WC, EC
- keeromsbergensis** R.Dahlgren
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt? WC
- kougaensis** (Garab. ex R.Dahlgren) R.Dahlgren
A. chortophila Eckl. & Zeyh. subsp. *kougaensis* R.Dahlgren (13)
Perennial. Shrub, dwarf shrub. Ht 0.2–3 m. Alt 150–1420 m. WC, EC
- kraussiana** Meisn. = **A. aspalathoides**
- lactea** Thunb. *β meyeri* Harv. = **A. obliqua**
- lactea** Thunb. *γ zeyheri* Harv. = **A. zeyheri**
- lactea** Thunb. subsp. *adelphea* (Eckl. & Zeyh.) R.Dahlgren = **A. subtingens**
- lactea** Thunb. subsp. **breviloba** R.Dahlgren
Perennial. Shrub. Ht 0.3–0.6 m. Alt ?–245 m. WC
- lactea** Thunb. subsp. **lactea**
Perennial. Shrub. Ht 0.3–2 m. Alt 2–915 m. WC
- laeta** Bolus
A. rubrocalyx Garab. ex Compton (7)
Perennial. Dwarf shrub. Ht 0.3–0.9 m. Alt ?–1370 m. WC, EC
- lamarckiana** R.Dahlgren
Perennial. Shrub. Ht 1.5–2 m. Alt? WC
- lanata** E.Mey.
A. falcata Benth. (1)
Psilolepus lanatus (E.Mey.) C.Presl (1)
Perennial. Dwarf shrub. Ht 0.3–5 m. Alt 426–640 m. WC
- lanceicarpa** R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt ?–450 m. EC
- lanceifolia** R.Dahlgren
Perennial. Dwarf shrub. Ht 0.2–6.1 m. Alt 15–460 m. WC
- lanceolata** Benth. = **Lotononis lanceolata**
- lanifera** R.Dahlgren
Borbonia villosa Harv. (11)
Perennial. Dwarf shrub. Ht? Alt 1005–1370 m. WC
- laricifolia** Lam. = **A. uniflora**
- laricifolia** P.J.Bergius subsp. **canescens** (L.) R.Dahlgren
A. canescens L. (6)
A. canescens L. *α elongata* E.Mey. (6)
A. neanthes Eckl. & Zeyh. (6)
Perennial. Shrub, dwarf shrub. Ht 0.15–1 m. Alt 100–610 m. WC, EC
- laricifolia** P.J.Bergius subsp. **laricifolia**
A. laricina DC. (6)
Perennial. Dwarf shrub. Ht 0.15–1.21 m. Alt 12–1200 m. KZN, WC, EC
- laricina** DC. = **A. laricifolia** subsp. **laricifolia**
- latifolia** Bolus
Perennial. Shrub. Ht 0.3–1 m. Alt 75–1219 m. WC
- lebeckioides** R.Dahlgren
A. linearis (Burm.f.) R.Dahlgren subsp. *latipetala* R.Dahlgren (13)
Perennial. Dwarf shrub. Ht 0.7–1 m. Alt 115–680 m. WC
- leiantha** (E.Phillips) R.Dahlgren = **A. crenata**
- leipoldtii** Schltr. = **A. spinescens** subsp. **lepida**
- lenticula** Bolus
Perennial. Dwarf shrub. Ht? Alt? WC
- lepida** E.Mey. = **A. spinescens** subsp. **lepida**
- leptocoma** Eckl. & Zeyh.
A. divaricata Thunb. subsp. *leptocoma* (Eckl. & Zeyh.) R.Dahlgren (13)
Perennial. Dwarf shrub. Ht 0.25–0.3 m. Alt 50–765 m. WC
- leptophylla** Eckl. & Zeyh. = **A. uniflora**
- leptoptera** Bolus
Perennial. Dwarf shrub. Ht ?–1 m. Alt ?–1370 m. WC
- leptothria** Eckl. & Zeyh. = **A. intermedia**
- leucocephala** E.Mey. = **A. quinquefolia** subsp. **virgata**
- leucophaea** Harv. = **A. ciliaris**
- leucophylla** R.Dahlgren
Perennial. Shrub. Ht 0.5–1.5 m. Alt 701–1065 m. WC
- leucophylla** R.Dahlgren subsp. *septentrionalis* R.Dahlgren = **A. petersonii**
- linearifolia** (Burm.f.) DC.
A. linearifolia DC. *β discreta* Drège (13)
A. rugosa Thunb. subsp. *linearifolia* (Burm.f.) R.Dahlgren (13)
Trineuria linearifolia (DC.) C.Presl (13)
Perennial. Shrub. Ht 0.9–2 m. Alt 155–305 m. WC
- linearifolia** DC. *β discreta* Drège = **A. linearifolia**
- linearis** (Burm.f.) R.Dahlgren
A. cognata C.Presl (13)
A. corymbosa E.Mey. (13)
A. linearis (Burm.f.) R.Dahlgren subsp. *pinifolia* (Marloth) R.Dahlgren (13)
A. tenuifolia DC. (13)
Borbonia pinifolia Marloth (13)
Lebeckia linearis (Burm.f.) DC. (13)
Psoralea linearis Burm.f. (13)
Perennial. Shrub, dwarf shrub. Ht 0.15–2.4 m. Alt 15–1220 m. WC
- linearis** (Burm.f.) R.Dahlgren subsp. *latipetala* R.Dahlgren = **A. lebeckioides**
- linearis** (Burm.f.) R.Dahlgren subsp. *pinifolia* (Marloth) R.Dahlgren = **A. linearis**
- linguifolia** R.Dahlgren
A. elongata E.Mey. *α virgata* Benth. (4)
A. macrosepala Steud., as ‘*macrosepalus*’ (4)
Perennial. Dwarf shrub. Ht 0.25–0.8 m. Alt 30–800 m. WC
- longifolia** Benth.
Perennial. Shrub. Ht 0.5–1.5 m. Alt 150–1464 m. WC
- longipes** Harv.
Achyronia longipes (Harv.) Kuntze (10)
Perennial. Dwarf shrub. Ht 0.3–1.5 m. Alt 60–100 m. WC
- lotiflora** R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt? Distr.?
- lotoides** Thunb. subsp. **lagopus** (Thunb.) R.Dahlgren
A. heterophylla L.f. subsp. *lagopus* (Thunb.) R.Dahlgren (13)
Ononis lagopus Thunb. (13)
Perennial. Dwarf shrub. Ht ?–0.15 m. Alt ?–61 m. WC
- lotoides** Thunb. subsp. **lotoides**
A. heterophylla L.f. subsp. *lotoides* (Thunb.) R.Dahlgren (13)
A. procumbens E.Mey. (13)
Paraspalathus humifusa C.Presl (13)

- Paraspalathus lotooides* (Thunb.) C.Presl (13)
Paraspalathus procumbens (E.Mey.) C.Presl (13)
 Perennial. Dwarf shrub. Ht ?–0.15 m. Alt 30–60 m.
 WC
- macrantha** Harv.
 Perennial. Tree, shrub. Ht 2–4 m. Alt 183–320 m. WC
- macrocarpa** Eckl. & Zeyh.
 Perennial. Shrub. Ht ?–2 m. Alt 400–540 m. WC
- macrosepala* Steud., as ‘*macrosepalus*’ = **A. linguiloba**
- marginalis** Eckl. & Zeyh.
Achyronia marginalis (Eckl. & Zeyh.) Kuntze (10)
Trineuria marginalis (Eckl. & Zeyh.) C.Presl (10)
 Perennial. Shrub. Ht 0.15–0.9 m. Alt 85–610 m. EC
- marginata** Harv.
 Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 55–1065 m.
 WC
- melanoides* Eckl. & Zeyh. = **A. nigra**
- meyeri* Harv. = **A. quinquefolia** subsp. **virgata**
- meyeriana* Eckl. & Zeyh. = **A. ciliaris**
- micrantha* E.Mey. = **A. hispida** subsp. **hispida**
- microcarpa* DC. = **A. hispida** subsp. **hispida**
- microdon* Benth. = **A. steudeliana**
- microdon* Benth. β *granulifera* Benth. = **A. steudeliana**
- microphylla** DC.
A. divaricata Thunb. β *microphylla* (DC.) Harv. (10)
A. divergens Willd. ex E.Mey. (10)
A. divergens Willd. ex E.Mey. α *microphylla* (DC.) E.Mey. (10)
 Perennial. Dwarf shrub. Ht 0.1–0.7 m. Alt 30–765 m.
 WC
- millefolia** R.Dahlgren
 Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 75–765 m.
 WC
- mollis* Lam. β *flexuosa* (Thunb.) E.Mey. = **A. flexuosa**
- monosperma** (DC.) R.Dahlgren
Borbonia monosperma DC. (11)
 Perennial. Shrub, dwarf shrub. Ht 1.2–1.8 m. Alt 600–853 m. WC
- mucronata* L.f. = **Wiborgia mucronata**
- multiflora* Thunb. = **A. vermiculata**
- mundiana** Eckl. & Zeyh.
A. ciliatistyla L.Bolus (7)
 Perennial. Shrub. Ht 0.1–1 m. Alt 106–381 m. WC
- munita* Bolus = **A. batodes** subsp. **batodes**
- muraltoides** Eckl. & Zeyh.
 Perennial. Shrub. Ht 0.3–1.5 m. Alt 91–1600 m. WC
- myrtillifolia** Benth.
 Perennial. Shrub. Ht ?–0.3 m. Alt? Distr.?
- neanthes* Eckl. & Zeyh. = **A. laricifolia** subsp. **canescens**
- neglecta** Salter
A. spicata Thunb. subsp. *neglecta* (Salter) R.Dahlgren (13)
 Perennial. Shrub. Ht 0.3–2 m. Alt 240–762 m. WC
- nervosa* E.Mey. = **A. spicata**
- niger* L. = **A. nigra**
- nigra** L.
A. deciduifolia Eckl. & Zeyh. (2)
A. melanoides Eckl. & Zeyh. (2)
A. niger L. (2)
A. nigra L. β *squamulosa* E.Mey. (2)
A. nigrescens E.Mey. (2)
A. pallens Eckl. & Zeyh. (2)
Paraspalathus melanoides (Eckl. & Zeyh.) C.Presl (2)
Paraspalathus nigra (L.) C.Presl (2)
- Paraspalathus nigrescens* (E.Mey.) C.Presl (2)
Trineuria deciduifolia (Eckl. & Zeyh.) C.Presl (2)
Trineuria fuscescens C.Presl (2)
 Perennial. Dwarf shrub. Ht 0.1–1.2 m. Alt 15–1200 m.
 NC, WC
- nigra* L. β *involucrata* Pappe ex Harv. = **A. globulosa**
- nigra* L. β *squamulosa* E.Mey. = **A. nigra**
- nigrescens* E.Mey. = **A. nigra**
- nivalis* Schltr. ex Marloth = **A. pedicellata**
- nivea** Thunb.
 Perennial. Shrub. Ht 0.9–2.5 m. Alt 15–396 m. WC,
 EC
- nudiflora** Harv.
A. alternifolia Harv. (11)
 Perennial. Dwarf shrub. Ht? Alt 274–1525 m. WC
- obliqua** R.Dahlgren
A. lactea Thunb. β *meyeri* Harv. (7)
 Perennial. Shrub, dwarf shrub. Ht? Alt 762–915 m.
 WC
- oblongifolia** R.Dahlgren
 Perennial. Shrub. Ht 0.7–2 m. Alt 40–122 m. WC
- obtusata** Thunb.
A. spinosa L. subsp. *obtusata* (Thunb.) R.Dahlgren (13)
 Perennial. Shrub. Ht 0.3–0.4 m. Alt 152–215 m. WC
- obtusifolia** R.Dahlgren
 Perennial. Shrub. Ht 0.5–1.2 m. Alt ?–122 m. WC
- odontoloba** R.Dahlgren
 Perennial. Shrub. Ht 0.4–0.6 m. Alt 10–915 m. WC
- oliveri** R.Dahlgren
 Perennial. Shrub. Ht ?–0.75 m. Alt? NC
- opaca** Eckl. & Zeyh. subsp. **opaca**
Achyronia opaca (Eckl. & Zeyh.) Kuntze (4)
A. schlechteri Bolus (4)
 Perennial. Dwarf shrub. Ht 0.1–1.5 m. Alt 120–975 m.
 WC
- opaca** Eckl. & Zeyh. subsp. **pappeana** (Harv.) R.Dahlgren
Achyronia pappeana (Harv.) Kuntze (4)
A. pappeana Harv. (4)
 Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 120–184 m.
 WC
- opaca** Eckl. & Zeyh. subsp. **rostriloba** R.Dahlgren
 Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 120–245 m.
 WC
- orbiculata** Benth.
 Perennial. Shrub. Ht 0.5–1 m. Alt ?–1250 m. WC
- oresigena* Eckl. & Zeyh. = **A. ciliaris**
- oxyclada* Compton = **A. intricata** subsp. **oxyclada**
- pachyloba** Benth. subsp. **macroclada** R.Dahlgren
 Perennial. Shrub. Ht 0.6–2 m. Alt 365–1220 m. WC
- pachyloba** Benth. subsp. **pachyloba**
Achyronia pachyloba (Benth.) Kuntze (7)
 Perennial. Shrub. Ht 0.7–2 m. Alt 290–1500 m. WC
- pachyloba** Benth. subsp. **rugulicarpa** R.Dahlgren
 Perennial. Shrub. Ht 0.5–0.8 m. Alt 650–750 m. WC
- pachyloba* Benth. subsp. *succulentifolia* R.Dahlgren =
A. pachyloba subsp. **villicaulis**
- pachyloba** Benth. subsp. **villicaulis** R.Dahlgren
A. pachyloba Benth. subsp. *succulentifolia* R.Dahlgren (13)
 Perennial. Shrub. Ht 0.4–1.5 m. Alt 900–1675 m. WC

- pallens* Eckl. & Zeyh. = **A. nigra**
- pallescens** Eckl. & Zeyh.
Achyronia pallescens (Eckl. & Zeyh.) Kuntze (4)
Perennial. Shrub. Ht 0.5–1.2 m. Alt 45–100 m. WC
- pallidiflora** R.Dahlgren
Perennial. Shrub. Ht 0.4–0.6 m. Alt 1708–2100 m. WC
- papillosa* Eckl. & Zeyh. = **A. ciliaris**
- pappeana* Harv. = **A. opaca** subsp. **pappeana**
- parviflora** P.J.Bergius
A. comosa Thunb. (6)
Trineuria comosa (Thunb.) C.Presl (6)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 61–500 m. WC
- patens** Garab. ex R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt 1800–1830 m. WC
- pedicellata** Harv.
A. nivalis Schltr. ex Marloth (10)
Perennial. Dwarf shrub. Ht? Alt 1372–2135 m. WC
- pedunculata** Houtt.
A. argyraea DC. (10)
Perennial. Shrub. Ht 1–2 m. Alt 490–700 m. WC
- pedunculata* L'Hér. = **A. bracteata**
- pendula** R.Dahlgren
Perennial. Tree, shrub. Ht 1.5–3.5 m. Alt 230–610 m. WC
- perfoliata** (Lam.) R.Dahlgren subsp. **perfoliata**
Borbonia perfoliata Lam. (11)
Perennial. Shrub. Ht 0.2–1.8 m. Alt 305–1980 m. WC
- perfoliata** (Lam.) R.Dahlgren subsp. **phillipsii** R.Dahlgren
Borbonia multiflora (Harv.) E.Phillips (11)
Borbonia undulata Thunb. var. *multiflora* Harv. (11)
Perennial. Shrub. Ht 0.5–2 m. Alt 460–765 m. WC
- perforata** (Thunb.) R.Dahlgren
Borbonia candolleana Eckl. & Zeyh. (11)
Borbonia ciliata Willd. (11)
Borbonia perforata Eckl. & Zeyh. (11)
Borbonia perforata Thunb. (11)
Borbonia perforata Thunb. var. *breviflora* Walp. (11)
Borbonia perforata Thunb. var. *pauciflora* Harv. (11)
Borbonia perforata Thunb. var. *pluriflora* Harv. (11)
Perennial. Dwarf shrub. Ht? Alt 250–1085 m. WC
- petersonii** R.Dahlgren
A. leucophylla R.Dahlgren subsp. *septentrionalis* R.Dahlgren (13)
Perennial. Shrub. Ht 0.4–1.3 m. Alt 200–1090 m. NC, WC
- pigmentosa** R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt ?–305 m. WC
- pilantha** R.Dahlgren
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt? WC
- pileata* L.Bolus = **A. globosa**
- pilosa* L. = **A. tridentata** subsp. **tridentata**
- pineae** Thunb. subsp. **caudata** R.Dahlgren
Perennial. Dwarf shrub. Ht 0.2–0.8 m. Alt 400–914 m. WC
- pineae** Thunb. subsp. **pineae**
Plagiostigma pineae (Thunb.) C.Presl (6)
Perennial. Shrub. Ht 0.6–2 m. Alt? WC
- pinguis** Thunb. subsp. **australis** R.Dahlgren
Perennial. Shrub. Ht 0.1–1 m. Alt 12–150 m. WC
- pinguis** Thunb. subsp. **longissima** R.Dahlgren
Perennial. Shrub. Ht 1.4–1.8 m. Alt 10–275 m. WC
- pinguis** Thunb. subsp. **occidentalis** R.Dahlgren
Perennial. Shrub. Ht 0.4–1.5 m. Alt ?–20 m. WC
- pinguis** Thunb. subsp. **pinguis**
A. affinis Thunb. (7)
Perennial. Shrub. Ht 0.3–1.5 m. Alt 90–975 m. WC
- plukenetiana* Eckl. & Zeyh. = **A. rugosa**
- poliotes* Eckl. & Zeyh. = **A. intermedia**
- polycephala** E.Mey. subsp. **lanatifolia** R.Dahlgren
A. polycephala E.Mey. var. *pauciflora* E.Mey. (1)
Perennial. Dwarf shrub. Ht 0.6–1.6 m. Alt 1000–1525 m. WC
- polycephala** E.Mey. subsp. **polycephala**
Heterolathus polycephala (E.Mey.) C.Presl (1)
Perennial. Shrub, dwarf shrub. Ht 0.7–2 m. Alt 960–1450 m. WC
- polycephala** E.Mey. subsp. **rigida** (Schltr.) R.Dahlgren
A. rigida Schltr. (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–1.5 m. Alt 700–915 m. WC
- polycephala* E.Mey. var. *pauciflora* E.Mey. = **A. polycephala** subsp. **lanatifolia**
- potbergensis** R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt 420–518 m. WC
- priorii* Harv., as '*priori*' = **A. forbesii**
- proboscidea** R.Dahlgren
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt? WC
- procumbens* E.Mey. = **A. lotoides** subsp. **lotoides**
- propinqua* E.Mey. = **A. triquetra**
- prostrata** Eckl. & Zeyh.
Achyronia prostrata (Eckl. & Zeyh.) Kuntze (4)
Perennial. Dwarf shrub. Ht ?–0.8 m. Alt? WC
- psoraleoides** (C.Presl) Benth.
Paraspalathus psoraleoides C.Presl (1)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt? WC
- puberula** (Eckl. & Zeyh.) R.Dahlgren
A. ericifolia L. subsp. *puberula* (Eckl. & Zeyh.) R.Dahlgren (13)
Perennial. Shrub. Ht? Alt ?–122 m. WC
- pulicifolia** R.Dahlgren
Perennial. Shrub. Ht 0.2–0.5 m. Alt? NC
- pumila* R.Dahlgren = **A. esterhuyseniae**
- pungens* Thunb. = **A. acuminata** subsp. **pungens**
- purpurascens* E.Mey. = **A. ternata**
- purpurea* Eckl. & Zeyh. = **A. ternata**
- pycnantha** R.Dahlgren
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 10–20 m. WC
- quadrata** L.Bolus
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 24–200 m. WC
- quinquefolia* L. subsp. *acocksii* R.Dahlgren = **A. acocksii**
- quinquefolia** L. subsp. **compacta** R.Dahlgren
Perennial. Dwarf shrub. Ht 0.25–1 m. Alt 244–258 m. WC
- quinquefolia** L. subsp. **hispida** (Thunb.) R.Dahlgren
Perennial. Shrub, dwarf shrub. Ht 0.5–2 m. Alt 47–488 m. WC

quinquefolia L. subsp. **quinquefolia***A. jacobaea* E.Mey. (1)*Paraspalathus jacobaea* (E.Mey.) C.Presl (1)

Perennial. Dwarf shrub. Ht 0.15–0.2 m. Alt 60–610 m. WC

quinquefolia L. subsp. **virgata** (Thunb.) R.Dahlgren*A. elongata* Eckl. & Zeyh. (1)*A. leucocephala* E.Mey. (1)*A. meyeri* Harv. (1)*A. strictus* Steud. (1)*A. virgata* Thunb. (1)*Paraspalathus ascendens* (E.Mey.) C.Presl (1)*Paraspalathus elongata* (Eckl. & Zeyh.) C.Presl (1)*Paraspalathus virgata* (Thunb.) C.Presl (1)

Perennial. Shrub. Ht 0.2–1.5 m. Alt 10–950 m. NC, WC

radiata Garab. ex R.Dahlgren subsp. **pseudosericea** R.Dahlgren

Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 610–1066 m. WC

radiata Garab. ex R.Dahlgren subsp. **radiata**

Perennial. Dwarf shrub. Ht ?–0.5 m. Alt 550–1675 m. WC

ramosissima R.Dahlgren

Perennial. Shrub. Ht 0.3–2 m. Alt 1300–1350 m. WC

ramulosa E.Mey.*A. aerula* E.Mey. *β ramulosa* (E.Mey.) Harv. (1)

Perennial. Shrub. Ht 0.5–0.7 m. Alt 60–610 m. WC

rectistyla R.Dahlgren

Perennial. Shrub. Ht 0.2–0.6 m. Alt? WC

recurva Benth.*Achyronia recurva* (Benth.) Kuntze (7)

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 275–520 m. WC

recurvispina R.Dahlgren

Perennial. Shrub. Ht? Alt? EC

remota Eckl. & Zeyh. = **A. spicata****remota** L.Bolus = **A. calcarea****repens** R.Dahlgren

Perennial. Dwarf shrub. Ht? Alt ± 90 m. WC

retroflexa L. *β bicolor* (Eckl. & Zeyh.) Harv. = **A. retroflexa** subsp. **bicolor****retroflexa** L. *γ parviflora* Harv. = **A. crassisepala****retroflexa** L. subsp. **amoena** R.Dahlgren = **A. amoena****retroflexa** L. subsp. **angustipetala** R.Dahlgren

Perennial. Dwarf shrub. Ht 0.6–4 m. Alt ?–830 m. WC

retroflexa L. subsp. **bicolor** (Eckl. & Zeyh.) R.Dahlgren*A. bicolor* Eckl. & Zeyh. (10)*A. retroflexa* L. *β bicolor* (Eckl. & Zeyh.) Harv. (10)

Perennial. Dwarf shrub. Ht 0.05–1.5 m. Alt ?–170 m. WC

retroflexa L. subsp. **empetrifolia** R.Dahlgren = **A. empetrifolia****retroflexa** L. subsp. **retroflexa***A. galioides* P.J.Bergius (10)

Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 30–1158 m. WC

rigescens E.Mey. = **A. setacea****rigescens** E.Mey. *β echinata* (E.Mey.) Harv. = **A. setacea****rigida** Schltr. = **A. polycephala** subsp. **rigida****rigidifolia** R.Dahlgren

Perennial. Shrub. Ht 0.15–1 m. Alt ?–1900 m. WC

robusta Bolus = **A. ciliaris****rosea** Garab. ex R.Dahlgren

Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt? WC

rostrata Benth.

Perennial. Shrub. Ht 1–1.5 m. Alt ?–830 m. WC

rostripetala R.Dahlgren

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt? WC

rubens Thunb.*Achyronia rubens* (Thunb.) Kuntze (10)*A. gracilis* Garab. ex Fourc. (10)

Perennial. Dwarf shrub. Ht 0.25–0.8 m. Alt 4–1875 m. WC, EC

rubiginosa R.Dahlgren*A. araneosa* L. *β rigidior* E.Mey. (4)

Perennial. Shrub. Ht 0.3–1 m. Alt 975–1370 m. WC, EC

rubro-fusca Eckl. & Zeyh. = **A. asparagoides** subsp. **rubro-fusca****rubrocalyx** Garab. ex Compton = **A. laeta****rugosa** Thunb.*A. plukenetiana* Eckl. & Zeyh. (1)*Paraspalathus plukenetiana* (Eckl. & Zeyh.) C.Presl (1)

Perennial. Shrub. Ht 1–3 m. Alt 440–915 m. WC, EC

rugosa Thunb. subsp. **linearifolia** (Burm.f.) R.Dahlgren = **A. linearifolia****rupestris** R.Dahlgren

Perennial. Dwarf shrub. Ht 0.2–0.9 m. Alt 990–1830 m. WC

rycroftii R.Dahlgren

Perennial. Dwarf shrub. Ht 0.5–0.6 m. Alt? WC

salicifolia R.Dahlgren

Perennial. Shrub, dwarf shrub. Ht 0.4–1 m. Alt 1067–1220 m. WC

salteri L.Bolus

Perennial. Dwarf shrub. Ht 0.15–0.8 m. Alt 15–215 m. WC

sanguinea Thunb. subsp. **foliosa** R.Dahlgren

Perennial. Shrub. Ht 0.4–1 m. Alt 25–155 m. WC

sanguinea Thunb. subsp. **sanguinea***Achyronia sanguinea* (Thunb.) Kuntze (7)

Perennial. Shrub. Ht 0.2–1 m. Alt 8–305 m. WC

sarcodes Vogel ex Benth. = **A. capensis****scaphoides** Eckl. & Zeyh. = **A. cymbiformis****sceptrum-aureum** R.Dahlgren

Perennial. Shrub. Ht 1.2–2.5 m. Alt 800–1405 m. WC

schlechteri Bolus = **A. opaca** subsp. **opaca****secunda** E.Mey.

Perennial. Shrub. Ht? Alt ?–250 m. WC

securifolia Eckl. & Zeyh.*A. securifolia* Eckl. & Zeyh. subsp. *crassa* R.Dahlgren (13)

Perennial. Shrub. Ht 0.2–1.2 m. Alt 430–1400 m. WC

securifolia Eckl. & Zeyh. subsp. *crassa* R.Dahlgren = **A. securifolia****sericea** Lam. = **A. candicans****sericea** P.J.Bergius*Paraspalathus sericea* (P.J.Bergius) C.Presl (1)

Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 15–1005 m. WC

sericea P.J.Bergius subsp. *aemula* (E.Mey.) R.Dahlgren
= **A. aemula**

serpens R.Dahlgren
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 60–765 m.
WC

setacea Eckl. & Zeyh.
A. alopecuroides E.Mey. (6)
A. corrudifolia P.J.Bergius β *pubescens* Eckl. & Zeyh. (6)
A. echinata E.Mey. (6)
A. gillii Benth. (6)
A. rigescens E.Mey. (6)
A. rigescens E.Mey. β *echinata* (E.Mey.) Harv. (6)
Trineuria rigescens (E.Mey.) C.Presl (6)
Perennial. Shrub. Ht 0.25–3.5 m. Alt 5–1705 m. KZN,
WC, EC

shawii L.Bolus subsp. **glabripetala** (R.Dahlgren)
R.Dahlgren
A. joubertiana Eckl. & Zeyh. subsp. *glabripetala* R.Dahlgren (13)
Perennial. Shrub. Ht 0.5–0.7 m. Alt? WC

shawii L.Bolus subsp. **longispica** (R.Dahlgren) R.Dahlgren
A. joubertiana Eckl. & Zeyh. subsp. *longispica* R.Dahlgren (13)
Perennial. Shrub. Ht 0.5–0.8 m. Alt 762–1000 m. WC

shawii L.Bolus subsp. **shawii**
A. joubertiana Eckl. & Zeyh. subsp. *shawii* (L.Bolus) R.Dahlgren (13)
Perennial. Shrub. Ht 0.4–1.5 m. Alt 73–1370 m. NC,
WC

simii Bolus
Perennial. Dwarf shrub. Ht 0.3–1.3 m. Alt 70–1410 m.
KZN, EC

simii Bolus subsp. *katbergensis* R.Dahlgren = **A. katbergensis**

simsiana Eckl. & Zeyh. = **A. confusa**

singuliflora R.Dahlgren
Perennial. Dwarf shrub. Ht ?–0.2 m. Alt? WC

smithii R.Dahlgren
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 100–245 m.
WC

spectabilis R.Dahlgren
Perennial. Shrub. Ht 0.6–2 m. Alt 244–425 m. WC

sphaerocephala Schltr. = **A. truncata**

spicata Thunb.
A. benthamii Harv. (4)
A. nervosa E.Mey. (4)
A. remota Eckl. & Zeyh. (4)
Perennial. Shrub, dwarf shrub. Ht 0.15–2.5 m. Alt 30–
1065 m. NC, WC

spicata Thunb. β *cephalotes* (Thunb.) Harv. = **A. cephalotes**
subsp. **cephalotes**

spicata Thunb. subsp. *cliffortioides* (Bolus in Schltr.)
R.Dahlgren = **A. cliffortioides**

spicata Thunb. subsp. *neglecta* (Salter) R.Dahlgren = **A. neglecta**

spiculata R.Dahlgren
Perennial. Dwarf shrub. Ht 0.4–0.8 m. Alt? WC

spinescens Thunb. subsp. **lepida** (E.Mey.) R.Dahlgren
A. leipoldtii Schltr. (7)
A. lepida E.Mey. (7)
Perennial. Shrub. Ht 0.35–2 m. Alt 30–1130 m. NC,
WC

spinescens Thunb. subsp. **spinescens**
Achyronia spinescens (Thunb.) Kuntze (7)

Perennial. Shrub. Ht 0.6–1.5 m. Alt ?–200 m. WC

spinosa L. β *flavispina* C.Presl ex Benth. = **A. spinosa**
subsp. **flavispina**

spinosa L. subsp. **flavispina** (C.Presl ex Benth.) R.Dahlgren
A. flavispina C.Presl (7)
A. spinosa L. β *flavispina* C.Presl ex Benth. (7)
Perennial. Shrub. Ht 0.1–2 m. Alt 45–945 m. WC

spinosa L. subsp. **glaucula** (Eckl. & Zeyh.) R.Dahlgren
A. glaucula Eckl. & Zeyh. (7)
Perennial. Shrub. Ht 0.3–1.2 m. Alt 430–671 m. WC

spinosa L. subsp. *obtusata* (Thunb.) R.Dahlgren = **A. obtusata**

spinosa L. subsp. **spinosa**
A. horrida Eckl. & Zeyh. (7)
Perennial. Shrub. Ht 0.2–1.3 m. Alt 15–1950 m. KZN,
NC, WC, EC

spinosissima R.Dahlgren subsp. **spinosissima**
Perennial. Shrub. Ht 0.3–1.8 m. Alt 762–1244 m. WC

spinosissima R.Dahlgren subsp. **tenuiflora** R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt 1250–1677 m. WC

squarrosa Thunb. = **A. bracteata**

stachyera Eckl. & Zeyh. = **A. heterophylla**

staurantha Eckl. & Zeyh. = **A. tridentata** subsp. **staurantha**

stellaris Eckl. & Zeyh. = **A. aspalathoides**

stenophylla Eckl. & Zeyh.
A. canaliculata E.Mey. (1)
A. stenophylla Eckl. & Zeyh. subsp. *colorata* R.Dahlgren (13)
Paraspalathus stenophylla (Eckl. & Zeyh.) C.Presl (1)
Perennial. Dwarf shrub. Ht 0.25–0.35 m. Alt 305–
1280 m. WC

stenophylla Eckl. & Zeyh. subsp. *colorata* R.Dahlgren =
A. stenophylla

stenophylla Eckl. & Zeyh. subsp. *garciana* R.Dahlgren
= **A. inops**

steudeliana Brongn.
A. microdon Benth. (7)
A. microdon Benth. β *granulifera* Benth. (7)
Perennial. Shrub. Ht 0.2–1 m. Alt 10–914 m. WC

stokoei L.Bolus
Perennial. Shrub. Ht ?–3 m. Alt 366–450 m. WC

stricticlada (R.Dahlgren) R.Dahlgren
A. cuspidata R.Dahlgren subsp. *stricticlada* R.Dahlgren (13)
Perennial. Shrub. Ht 0.2–0.3 m. Alt? WC

strictus Steud. = **A. quinquefolia** subsp. **virgata**

suaveolens Eckl. & Zeyh.
Heterolathus suaveolens (Eckl. & Zeyh.) C.Presl (1)
Perennial. Dwarf shrub. Ht ?–0.2 m. Alt 700–1677 m.
WC

submissa R.Dahlgren
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 60–1105 m.
WC

subtingens Eckl. & Zeyh.
A. adelphaea Eckl. & Zeyh. (13)
A. lactea Thunb. subsp. *adelphaea* (Eckl. & Zeyh.) R.Dahlgren (13)
Perennial. Dwarf shrub. Ht 0.3–2 m. Alt 5–1675 m.
NC, WC, EC

subulata Thunb.
Achyronia subulata (Thunb.) Kuntze (7)
A. floribunda Benth. (7)

- Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 275–460 m. WC
- suffruticosa* DC. = **A. biflora** subsp. **biflora**
- sulphurea** R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt? WC
- taylorii** R.Dahlgren
Perennial. Dwarf shrub. Ht 0.25–0.45 m. Alt 152–244 m. WC
- tenuifolia* DC. = **A. linearis**
- tenuissima** R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt ± 795 m. WC
- teres** Eckl. & Zeyh. subsp. **teres**
Perennial. Tree, shrub. Ht 1–4.5 m. Alt 200–765 m. WC, EC
- teres** Eckl. & Zeyh. subsp. **thodei** R.Dahlgren
Perennial. Shrub. Ht ?–1.8 m. Alt ?–245 m. WC
- ternata** (Thunb.) Druce
A. ferruginea H.P.Banks ex Benth. (1)
A. purpurascens E.Mey. (1)
A. purpurea Eckl. & Zeyh. (1)
Galega ternata Thunb. (1)
Paraspalathus purpurascens (E.Mey.) C.Presl (1)
Perennial. Shrub. Ht 0.3–1.5 m. Alt 30–490 m. WC
- thymifolia* L. = **A. cymbiformis**
- thymifolia* L. *α albiflora* (Eckl. & Zeyh.) Benth. = **A. hispida** subsp. **albiflora**
- tomentosa* E.Mey. = **A. frankenioides**
- tridentata** L. subsp. **fragilis** R.Dahlgren
Perennial. Shrub. Ht ?–0.2 m. Alt ?–780 m. NC, WC
- tridentata** L. subsp. **rotunda** R.Dahlgren
Perennial. Shrub. Ht 0.5–1.5 m. Alt 520–685 m. WC
- tridentata** L. subsp. **staurantha** (Eckl. & Zeyh.) R.Dahlgren
A. staurantha Eckl. & Zeyh. (1)
Perennial. Shrub. Ht 0.3–0.9 m. Alt 30–620 m. NC, WC
- tridentata** L. subsp. **tridentata**
A. argentea L. *β glabriuscula* E.Mey. (1)
A. pilosa L. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 30–1130 m. NC, WC
- triquetra** Thunb.
A. propinqua E.Mey. (2)
Pachyraphea propinqua (E.Mey.) C.Presl (2)
Pachyraphea triquetra (Thunb.) C.Presl (2)
Pachyraphea zeyheriana C.Presl (2)
Perennial. Shrub, dwarf shrub. Ht 0.25–2 m. Alt 90–1830 m. WC
- truncata** Eckl. & Zeyh.
A. sphaerocephala Schltr. (13)
A. truncata Eckl. & Zeyh. subsp. *sphaerocephala* (Schltr.) R.Dahlgren (13)
Perennial. Shrub. Ht 0.5–1.5 m. Alt ?–1065 m. WC
- truncata* Eckl. & Zeyh. subsp. *sphaerocephala* (Schltr.) R.Dahlgren = **A. truncata**
- tuberculata** Walp.
Perennial. Shrub. Ht 0.3–1.5 m. Alt 30–765 m. WC
- tulbaghensis** R.Dahlgren
A. acuminata Lam. subsp. *magniflora* R.Dahlgren (13)
Perennial. Shrub. Ht 0.6–1.2 m. Alt? WC
- tylodes** Eckl. & Zeyh.
A. callosa L. *β brevifolia* Benth. (7)
Paraspalathus fagonioides C.Presl (7)
Perennial. Shrub, dwarf shrub. Ht 0.4–0.8 m. Alt 46–245 m. WC
- ulicina** Eckl. & Zeyh. subsp. **kardouwensis** R.Dahlgren
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt ?–680 m. WC
- ulicina** Eckl. & Zeyh. subsp. **ulicina**
Achyronia ulicina (Eckl. & Zeyh.) Kuntze (10)
Perennial. Shrub. Ht 0.8–1.5 m. Alt 152–610 m. WC
- undulata* Eckl. & Zeyh. = **A. fasciculata**
- uniflora** L.
A. laricifolia Lam. (6)
A. leptophylla Eckl. & Zeyh. (6)
Perennial. Shrub. Ht 0.2–2.5 m. Alt 90–1770 m. WC, EC
- uniflora* L. subsp. *willdenowiana* (Benth.) R.Dahlgren = **A. willdenowiana**
- vacciniifolia** R.Dahlgren
Perennial. Dwarf shrub. Ht ?–0.3 m. Alt 915–1677 m. WC
- varians** Eckl. & Zeyh.
Perennial. Shrub. Ht 0.2–0.6 m. Alt 50–61 m. WC
- varians** Eckl. & Zeyh. subsp. *isolata* R.Dahlgren = **A. isolata**
- variegata** Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt ?–24 m. WC
- venosa** E.Mey.
Perennial. Shrub. Ht? Alt? WC
- verbasciformis** R.Dahlgren
Perennial. Shrub. Ht 1.2–2 m. Alt ?–800 m. WC
- vermiculata** Lam.
A. multiflora Thunb. (10)
Paraspalathus multiflora (Thunb.) C.Presl (10)
Perennial. Shrub. Ht 0.7–2 m. Alt ?–850 m. WC
- versicolor* E.Mey. = **A. collina** subsp. **collina**
- villosa** Thunb.
Paraspalathus villosa (Thunb.) C.Presl (1)
Perennial. Dwarf shrub. Ht ?–0.15 m. Alt 460–1690 m. WC
- viminea* N.E.Br. = **Lotononis viminea**
- virgata* Thunb. = **A. quinquefolia** subsp. **virgata**
- vulnerans** Thunb.
Achyronia vulnerans (Thunb.) Kuntze (10)
Perennial. Tree, shrub. Ht 1–3 m. Alt 185–800 m. NC, WC
- vulpina** Garab. ex R.Dahlgren
Perennial. Dwarf shrub. Ht? Alt? WC
- willdenowiana** Benth.
A. uniflora L. subsp. *willdenowiana* (Benth.) R.Dahlgren (13)
Perennial. Shrub. Ht 0.5–4 m. Alt 91–914 m. WC
- wittebergensis** Compton & P.E.Barnes
Perennial. Shrub. Ht 0.2–0.5 m. Alt 870–1370 m. WC
- wittebergensis* Compton & P.E.Barnes subsp. *anthospermoides* R.Dahlgren = **A. intricata** subsp. **anthospermoides**
- wittebergensis* Compton & P.E.Barnes subsp. *intricata* (Compton) R.Dahlgren = **A. intricata** subsp. **intricata**

wittebergensis Compton & P.E.Barnes subsp. *oxyclada*
(Compton) R.Dahlgren = **A. intricata** subsp. **oxyclada**

wurmbeana E.Mey.

Perennial. Shrub. Ht 0.2–1.5 m. Alt 60–335 m. WC

zeyheri (Harv.) R.Dahlgren

A. lactea Thunb. *γzeyheri* Harv. (7)

Perennial. Shrub. Ht 0.2–2 m. Alt 65–370 m. WC

ASPALTHIUM Medik. 3703000

acaulis (Stev.) Hutch. = **Bituminaria acaulis**

bituminosum (L.) Fourr. = **Bituminaria bituminosa**

frutescens Medik. = **Bituminaria bituminosa**

herbaceum Medik. = **Bituminaria bituminosa**

ASTRAGALUS L. 3766000

Compiled by T. Nkonki

(1) Gillett. 1964. *Kew Bulletin* 17,3: 413–423.

(2) Gillett *et al.* 1971. *FTEA Leguminosae*. 4: 1054–1058.

atropilosulus (Hochst.) Bunge subsp. **burkeanus** (Harv.)

J.B.Gillett var. **burkeanus**

A. burkeanus Harv. (2)

Lessertia stipulata Baker (1)

Perennial. Herb. Ht 0.5–0.9 m. Alt 915–1403 m. LIM,

NW, G, M, KZN

***bisulcatus** (Hook.) A.Gray

Perennial. Herb. Ht? Alt? LIM

burkeanus Harv. = **A. atropilosulus** subsp. **burkeanus**

var. **burkeanus**

BAIKIAEA Benth. 3507000

Compiled by T. Nkonki

(1) Ross. 1977. *FSA* 16,2: 35–37.

(2) Germishuizen. 1985. *The Flowering Plants of Africa* 48: t. 1912.

plurijuga Harms

Perennial. Tree. Ht 3–25 m. Alt 850–1150 m. N, B

BAPHIA Afzel. ex Lodd. 3612000

Compiled by H.F. Glen

(1) Brummitt. 1965. *Boletim da Sociedade Broteriana* 39: 157–188.

(2) Ross. 1982. *The Flowering Plants of Africa* 47: t. 1857.

(3) Soladoye. 1985. *Kew Bulletin* 40: 291–336.

henriquesiana Taub. = **B. massaiensis** subsp. **obovata**

var. **obovata**

massaiensis Taub. subsp. **obovata** (Schinz) Brummitt

var. **obovata**

B. henriquesiana Taub. (1)

B. obovata Schinz (1)

Perennial. Tree, shrub. Ht 1–9 m. Alt 250–1200 m. N,

B, LIM

obovata Schinz = **B. massaiensis** subsp. **obovata** var.

obovata

racemosa (Hochst.) Baker

Bracteolaria racemosa Hochst. (3)

Perennial. Tree, shrub. Ht 1.8–10 m. Alt 0–900 m.

KZN, EC

BAUHINIA L. 3528000

Compiled by H.F. Glen

(1) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 79.

(2) Verdoorn. 1959. *The Flowering Plants of Africa* 33: t. 1311.

(3) Toelken. 1968. *The Flowering Plants of Africa* 39: t. 1531, 1532.

(4) Coetzer & Ross. 1977. *FSA* 16,2: 47–55.

(5) Ross. 1979. *The Flowering Plants of Africa* 46: tt. 1816, 1817.

(6) Germishuizen & Glen. 1988. *The Flowering Plants of Africa* 50: t. 1980.

(7) Phillipson. 1992. *The Flowering Plants of Africa* 52: t. 2054.

(8) Pooley. 1993. *The complete field guide to trees of Natal, Zululand & Transkei*: 150–153.

bainesii Schinz = **Tylosema esculentum**

bowkeri Harv.

Pauletia bowkeri (Harv.) A.Schmitz (4)

Perennial. Tree, shrub. Ht 3–18 m. Alt 0–750 m. KZN, EC

burkeana (Benth.) Harv. = **Tylosema esculentum**

cissoides Oliv. = **Tylosema fassoglense**

esculenta Burch. = **Tylosema esculentum**

fassoglensis Schweinf. = **Tylosema fassoglense**

galpinii N.E.Br.

B. punctata Bolle (4)

Perlebia galpinii (N.E.Br.) A.Schmitz (4)

Perennial. Shrub or climber. Ht 0.5–8 m. Alt 25–1400 m. LIM, NW, G, M, S, KZN

garipensis E.Mey. = **Adenolobus garipensis**

kirkii Oliv. = **Tylosema fassoglense**

macrantha Oliv. = **B. petersiana** subsp. **macrantha**

mossamedensis (Torre & Hillc.) C.Cusset = **Adenolobus**

pechuelii subsp. **mossamedensis**

natalensis Oliv. ex Hook.

Perlebia natalensis (Oliv. ex Hook.) A.Schmitz (4)

Perennial. Shrub. Ht 1–2.5 m. Alt 300–1250 m. M, KZN, EC

pechuelii Kuntze = **Adenolobus pechuelii** subsp.

pechuelii

petersiana Bolle subsp. **macrantha** (Oliv.) Brummitt &

J.H.Ross

B. macrantha Oliv. (4)

B. petersiana Bolle subsp. *serpae* (Ficalho & Hiern) Brummitt & J.H.Ross (4)

B. serpae Ficalho & Hiern (4)

Perlebia macrantha (Oliv.) A.Schmitz (4)

Perennial. Tree, shrub, climber. Ht 1.5–10 m. Alt 550–1800 m. N, B, LIM, NW, G

petersiana Bolle subsp. **petersiana**

Perlebia petersiana (Bolle) A.Schmitz (4)

Perennial. Tree, shrub. Ht 1–10 m. Alt 900–1150 m. N

petersiana Bolle subsp. *serpae* (Ficalho & Hiern) Brummitt & J.H.Ross = **B. petersiana** subsp. **macrantha**

punctata Bolle = **B. galpinii**

***purpurea** L.

Perennial. Tree. Ht 3–10 m. Alt 0–1500 m. LIM, M,

KZN

serpae Ficalho & Hiern = **B. petersiana** subsp. **macrantha**

thonningii Schumach. = **Piliostigma thonningii**

tomentosa L.

B. tomentosa L. var. *glabrata* Hook.f. (4)

Pauletia tomentosa (L.) A.Schmitz (4)

Perennial. Tree, shrub. Ht 1–8 m. Alt 0–1250 m. LIM, G, M, S, KZN, EC

tomentosa L. var. *glabrata* Hook.f. = **B. tomentosa**

urbaniana Schinz

Perlebia urbaniana (Schinz) A.Schmitz (4)

Perennial. Shrub. Ht 1–3 m. Alt 900–1250 m. N, B

***variegata** L. var. **variegata**

Perennial. Tree. Ht 2–10 m. Alt 0–1500 m. LIM, G, M, KZN

welwitschii Oliv. = **Tylosema fassoglense**

BESENNA A.Rich. 3443020

anthelmintica A.Rich. = **Albizia anthelmintica**

BITUMINARIA Heist. ex Fabr. 3703020

Compiled by T. Nkonki

(1) Stirton. 1981. *Bothalia* 13: 318.**acaulis** (Stev.) C.H.Stirt.*Aspalathium acaulis* (Stev.) Hutch (1)*Psoralea acaulis* Stev. ap. Hoffm. (insufficiently known) (1)

Perennial. Herb. Ht? Alt? Distr.?

bituminosa (L.) C.H.Stirt. (insufficiently known)*Aspalathium bituminosum* (L.) Fourr. (1)*Aspalathium frutescens* Medik. (1)*Aspalathium herbaceum* Medik. (1)*Psoralea bituminosa* L. (1)

Perennial. Herb. Ht? Alt? Distr.?

BOLUSAFRA Kuntze 3893010

Compiled by T. Nkonki & N. Swelankomo

(1) Bullock. 1965. *Kew Bulletin* 19,2: 200.**bituminosa** (L.) Kuntze*Fagelia bituminosa* (L.) DC., rejected name (1)*Glycine bituminosa* L. (1)

Perennial. Dwarf shrub. Ht 0.75–2.5 m. Alt 30–732 m.

WC, EC

BOLUSANTHUS Harms 3607010

Compiled by H.F. Glen

(1) Harms. 1906. *Feddes Repertorium* 2: 14–16.(2) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 23.**speciosus** (Bolus) Harms

Perennial. Tree. Ht 2–12 m. Alt 15–1400 m. B, LIM,

G, M, S, KZN

BOLUSIA Benth. 3732000

Compiled by T. Nkonki & N. Swelankomo

(1) Merxmüller. 1970. *FSWA* 60: 15.**amboensis** (Schinz) Harms*Phaseolus amboensis* Schinz (1)

Annual. Herb. Ht ?–0.5 m. Alt ?–1158 m. N

capensis Benth.

Annual. Herb. Ht ?–0.3 m. Alt 1220–1281 m. B, NW,

FS

BORBONIA L. 3653000*alata* Willd. ex Spreng. = **Aspalathus crenata***alpestris* Benth. = **Aspalathus alpestris***angustifolia* Lam. = **Aspalathus angustifolia** subsp.
angustifolia*barbata* Lam. = **Aspalathus barbata***candolleana* Eckl. & Zeyh. = **Aspalathus perforata***capitata* (Thunb.) Poir. = **Liparia capitata***ciliata* Willd. = **Aspalathus perforata***commutata* Vogel = **Aspalathus commutata***complicata* Benth. = **Aspalathus complicata***cordata* L. = **Aspalathus cordata***cordifolia* Lam. = **Aspalathus cordata***crenata* L. = **Aspalathus crenata***decipiens* E.Mey. = **Aspalathus angustifolia** subsp.
angustifolia*elliptica* E.Phillips = **Aspalathus elliptica***graminifolia* (L.) Lam. = **Liparia graminifolia***hirsuta* (Thunb.) Poir. = **Liparia hirsuta***laevigata* L. = **Liparia laevigata***lanceolata* L. = **Aspalathus angustifolia** subsp. **angustifolia***lanceolata* L. *β angustifolia* (Lam.) Walp. = **Aspalathus angustifolia** subsp. **angustifolia***lanceolata* L. var. *robusta* E.Phillips = **Aspalathus angustifolia** subsp. **robusta***lanceolata* L. var. *villosa* E.Phillips = **Aspalathus angustifolia** subsp. **angustifolia***latifolia* Benth. = **Aspalathus elliptica***leiantha* E.Phillips = **Aspalathus crenata***monosperma* DC. = **Aspalathus monosperma***multiflora* (Harv.) E.Phillips = **Aspalathus perfoliata** subsp. **phillipsii***myrtifolia* (Thunb.) Poir. = **Liparia myrtifolia***parviflora* Lam. = **Aspalathus crenata***perfoliata* Lam. = **Aspalathus perfoliata** subsp. **perfoliata***perfoliata* Thunb. = **Rafnia acuminata***perforata* Eckl. & Zeyh. = **Aspalathus perforata***perforata* Thunb. = **Aspalathus perforata***perforata* Thunb. var. *breviflora* Walp. = **Aspalathus perforata***perforata* Thunb. var. *pauciflora* Harv. = **Aspalathus perforata***perforata* Thunb. var. *pluriflora* Harv. = **Aspalathus perforata***pinifolia* Marloth = **Aspalathus linearis***pungens* Mundt ex Benth. = **Aspalathus alpestris***ruscifolia* Sims = **Aspalathus crenata***serrulata* Thunb. = **Aspalathus crenata***sphaerica* (L.) Lam. = **Liparia splendens** subsp. **splendens***tomentosa* L. = **Liparia vestita***umbellifera* (Thunb.) Poir. = **Liparia umbellifera***undulata* Thunb. = **Aspalathus commutata***undulata* Thunb. var. *ciliata* E.Phillips = **Aspalathus commutata***undulata* Thunb. var. *multiflora* Harv. = **Aspalathus perfoliata** subsp. **phillipsii***vestita* Thunb. = **Liparia vestita***villosa* Harv. = **Aspalathus lanifera***villosa* Thunb. = **Liparia angustifolia****BRACHYSTEGLIA** Benth. 3504000

Compiled by T. Nkonki & N. Swelankomo

(1) Brenan. 1967. *FTEA Leguminosae* 2: 191.(2) Hurter & Van Wyk. 2001. *Bothalia*. 31: 43, 44.**boehmii** Taub.*B. filiformis* Burt Davy & Hutch. (1)

Perennial. Tree. Ht 2.5–21 m. Alt? B

filiformis Burt Davy & Hutch. = **B. boehmii****spiciformis** Benth.

Perennial. Tree. Ht 15–20 m. Alt? LIM

BRACTEOLARIA Hochst. 3612010*racemosa* Hochst. = **Baphia racemosa**

BRASILETTIA DC. 3561010*africana* (Sond.) Kuntze = **Peltophorum africanum****BUCHENROEDERA** Eckl. & Zeyh. 3663000*amajubica* Burttt Davy = **Lotononis amajubica***biflora* Bolus = **Lotononis eriocarpa***glabrescens* Dummer = **Lotononis glabrescens***glabriflora* N.E.Br. = **Lotononis caerulescens***gracilis* Eckl. & Zeyh. = **Lotononis alpina** subsp. **multiflora***griquana* Schltr. = **Lotononis stricta***holosericea* (E.Mey.) Benth. = **Lotononis holosericea***lotoonoides* Scott-Elliot = **Lotononis lotoonoides***meyeri* C.Presl = **Lotononis meyeri***multiflora* Eckl. & Zeyh. = **Lotononis alpina** subsp. **multiflora***pauciflora* Schltr. = **Lotononis carnosa** subsp. **carnosa***sparsiflora* J.M.Wood & M.S.Evans = **Lotononis galpinii***tenuifolia* Eckl. & Zeyh. var. *pulchella* (E.Mey.) Harv. = **Lotononis pulchella***tenuifolia* Eckl. & Zeyh. var. *tenuifolia* = **Lotononis pulchella***teretifolia* Eckl. & Zeyh. = **Aspalathus albens***trichodes* C.Presl = **Lotononis trichodes***umbellata* Harv. = **Lotononis meyeri***viminea* C.Presl = **Lotononis viminea****BURKEA** Benth. 3474000

Compiled by H.F. Glen

(1) Killick. 1967. *The Flowering Plants of Africa* 38: t. 1505.(2) Ross. 1977. *FSA* 16,2: 14–16.**africana** Hook.*B. africana* Hook. var. *andongensis* Oliv. (2)*B. africana* Hook. var. *cordata* Welw. ex Oliv. (2)

Perennial. Tree. Ht 1.5–15 m. Alt 450–1950 m. N, B, LIM, NW, G, M

africana Hook. var. *andongensis* Oliv. = **B. africana***africana* Hook. var. *cordata* Welw. ex Oliv. = **B. africana****CAESALPINIA** L. 3559000

Compiled by T. Nkonki & N. Swelankomo

(1) Hattink. 1974. *Reinwardtia* 9: 1–69.(2) Ross. 1977. *FSA* 16,2: 122–130.(3) Schreiber. 1980. *Mitteilungen der Botanischen Staatssammlung München* 16: 51–71.(4) Germishuizen. 1991. *Bothalia* 21: 152–154.(5) Germishuizen et al. 2001. *Flowering Plants of Africa* 57: 70–74, t. 2173.**bonduc** (L.) Roxb.*C. bunducella* (L.) Fleming (2)*C. crista* L. (2)*Guilandina bonduc* L. (2)

Perennial. Tree, shrub, climber. Ht 1.5–6 m. Alt 2–8 m. KZN, EC

bracteata Germish.

Perennial. Shrub. Ht 1–4 m. Alt? NC

bunducella (L.) Fleming = **C. bonduc***crista* L. = **C. bonduc*****decapetala** (Roth) Alston*C. sepiaria* Roxb. (2)*Reichardia decapetala* Roth (2)

Perennial. Shrub, climber. Ht 1.2–10 m. Alt 9–1220 m.

LIM, G, M, S, KZN, WC

dinteri Harms = **Haematoxylum dinteri*****gilliesii** (Wall. ex Hook.) Benth.*Poinciana gilliesii* Wall. ex Hook. (2)

Perennial. Shrub. Ht 0.15–4.5 m. Alt 370–1405 m. N,

LIM, NW, FS, WC, EC

melanosticta Spreng. = **Hoffmannseggia burchellii** subsp. **burchellii****merxmullerana** A.Schreib.

Perennial. Shrub. Ht 1–2 m. Alt? N

obovata Schinz = **Haematoxylum dinteri****pearsonii** L.Bolus

Perennial. Shrub. Ht 0.3–2 m. Alt? N

pectinata Cav. = **C. spinosa*****pulcherrima** (L.) Sw.*Poinciana pulcherrima* L. (2)

Perennial. Shrub. Ht 0.6–6 m. Alt 305–1189 m. G, M, KZN

rostrata N.E.Br.

Perennial. Shrub. Ht 2–3.5 m. Alt ?–15 m. M

rubra (Engl.) Brenan*Hoffmannseggia rubra* Engl. (2)

Perennial. Shrub. Ht 0.45–2 m. Alt 410–2000 m. N, B

sepiaria Roxb. = **C. decapetala*****spinosa** (Molina) Kuntze*C. pectinata* Cav. (2)*Couleria tinctoria* Humb., Bonpl. & Kunth (2)*Poinciana spinosa* Molina (2)*Tara spinosa* (Molina) Britton & Rose (2)

Perennial. Tree. Ht 3–5 m. Alt? N, WC

CAESALPINIOIDES Kuntze 3544010*africanum* (Welw. ex Benth.) Kuntze = **Erythrophleum africanum****CAILLIEA** Guill. & Perr. 3452010*dichrostachys* Guill. & Perr. = **Dichrostachys cinerea** subsp. **africana** var. **africana***dichrostachys* Guill. & Perr. var. *leptostachys* (DC.)Guill. & Perr. = **Dichrostachys cinerea** subsp.**africana** var. **africana*****CAJANUS** DC. 3892000

Compiled by T. Nkonki & N. Swelankomo

(1) Verdcourt. 1971. *FTEA Leguminosae* 4: 709–711.(2) Lock. 1989. *Legumes of Africa*: 388.**cajan** (L.) Millsp.*C. indicus* Spreng. (1)*Cytisus cajan* L. (1)

Perennial. Shrub, dwarf shrub. Ht 1.5–4 m. Alt 155–1035 m. N, LIM, G, M, S, KZN

indicus Spreng. = **C. cajan****CALLIANDRA** Benth. 3444000

Compiled by T. Nkonki

(1) Thulin et al. 1981. *Nordic Journal of Botany* 1: 27–34.**redacta** (J.H.Ross) Thulin & Asfaw*Acacia redacta* J.H.Ross (1)

Perennial. Shrub. Ht 0.2–0.9 m. Alt 550–960 m. NC

CALPURNIA E.Mey. 3607000

Compiled by H.F. Glen

- (1) Phillips. 1917. *Annals of the South African Museum* 9: 475–481.
- (2) Brummitt. 1967. *Kirkia* 6: 123–131.
- (3) Brummitt. 1970. *Kew Bulletin* 24: 71–73.
- (4) Polhill. 1971. *FTEA Leguminosae* 3: 46–49.
- (5) Ross. 1978. *The Flowering Plants of Africa* 44: t. 1759.
- (6) Beaumont *et al.* 1999. *Bothalia* 29: 5–23.

aurea (Aiton) Benth. subsp. **aurea**

- C. aurea* (Aiton) Benth. subsp. *sylvatica* (Burch.) Brummitt (6)
C. lasiogyne E.Mey. (1)
C. subdecandra (L'Hér.) Schweick. (1)
C. sylvatica E.Mey. (6)
Podalyria aurea (Aiton) Willd. (1)
Robinia subdecandra L'Hér. (4)
Sophora aurea Aiton (1)
Sophora sylvatica Burch. (6)
Virgilia aurea (Aiton) Lam. (1)

Perennial. Tree, shrub. Ht 1–10 m. Alt 0–1900 m.
 LIM, G, M, S, KZN, EC

aurea (Aiton) Benth. subsp. *sylvatica* (Burch.) Brummitt = **C. aurea** subsp. **aurea**

capensis (Burm.f.) Druce

Perennial. Tree. Ht 2–4 m. Alt 1050–1850 m. FS

floribunda Harv.

Perennial. Tree, shrub. Ht up to 3 m. Alt 0–1500 m. EC

glabrata Brummitt

Perennial. Tree, shrub. Ht 1–3 m. Alt 50–1750 m. M, S, KZN

intrusa of authors, not of (R.Br. in W.T.Aiton) E.Mey. in a strict sense = **C. sericea**

intrusa (R.Br. in W.T.Aiton) E.Mey.

- C. villosa* Harv. (6)
Virgilia intrusa R.Br. in W.T.Aiton (1)
 Perennial. Shrub. Ht 0.2–3 m. Alt 150–1950 m. G, M, FS, KZN, WC

lasiogyne E.Mey. = **C. aurea** subsp. **aurea**

mucronulata Harms ex Kuntze = **C. sericea**

obovata Schinz = **C. sericea**

obovata Schinz var. *pubescens* Yakovlev = **C. sericea**

reflexa A.J.Beaumont

- C. robinoides* of authors, not of (DC.) E.Mey. (6)
 Perennial. Tree, shrub. Ht 1–2 m. Alt 1400–2200 m.
 FS, L, EC

robinoides of authors, not of (DC.) E.Mey. = **C. reflexa**

sericea Harv.

- C. intrusa* of authors, not of (R.Br. in W.T.Aiton) E.Mey. in a strict sense (6)
C. mucronulata Harms ex Kuntze (1)
C. obovata Schinz (1)
C. obovata Schinz var. *pubescens* Yakovlev (6)
 Perennial. Shrub. Ht 1–3.6 m. Alt 200–2200 m. M, FS, KZN, L, EC

subdecandra (L'Hér.) Schweick. = **C. aurea** subsp. **aurea**

sylvatica E.Mey. = **C. aurea** subsp. **aurea**

villosa Harv. = **C. intrusa**

woodii Schinz

Perennial. Shrub. Ht 0.8–1.8 m. Alt 1350–1550 m.
 KZN

CANAVALIA DC. 3891000

Compiled by T. Nkonki & N. Swelankomo

- (1) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 227.
- (2) Sauer. 1964. *Brittonia* 16: 106–181.

- (3) Verdcourt. 1971. *FTEA Leguminosae* 4: 571–577.
- (4) Germishuizen. 1983. *The Flowering Plants of Africa* 47: t. 1869.
- (5) Lock. 1989. *Legumes of Africa*: 389.

bonariensis Lindl.

- C. cryptodon* Meisn. (2)
C. monodon E.Mey. (2)

Perennial. Climber. Ht 1.5–3 m. Alt 5–60 m. KZN, EC

cryptodon Meisn. = **C. bonariensis**

ensiformis (L.) DC.

- Dolichos ensiformis* L. (3)

Annual, occ. perennial. Shrub, climber. Ht 0.6–0.9 m.
 Alt? LIM, G, M, KZN, EC

ferruginea Piper = **C. virosa**

gladiata (Jacq.) DC. var. **gladiata**

- Dolichos gladiatus* Jacq. (2)

Annual, occ. perennial. Climber. Ht ?–3 m. Alt ?–1250 m. NW, M

maritima Thouars = **C. rosea**

monodon E.Mey. = **C. bonariensis**

obtusifolia (Lam.) DC. = **C. rosea**

rosea (Sw.) DC.

- C. maritima* Thouars (3)
C. obtusifolia (Lam.) DC. (3)
Dolichos maritimus Aubl. (3)
Dolichos roseus Sw. (3)

Perennial. Climber. Ht 0.1–0.3 m. Alt 5–457 m. M, KZN, EC

virosa (Roxb.) Wight & Arn.

- C. ferruginea* Piper (3)
Dolichos virosus Roxb. (3)

Perennial. Climber. Ht 3–15 m. Alt 105–1065 m. N, LIM, M, S, KZN

CANTUFFA J.F.Gmel. 3553010

exosa J.F.Gmel. = **Pterolobium stellatum**

CAPASSA Klotzsch 3838020

violacea Klotzsch = **Philenoptera violacea**

CAPNITIS E.Mey. 3657030

clandestina E.Mey. = **Lotononis platycarpa**

CASSIA L. emend. Gaertn. 3536000

Compiled by H.F. Glen

- (1) Steyaert. 1950. *Bulletin du Jardin Botanique de l'État Bruxelles* 20: 256, 257.
- (2) Brenan. 1958. *Kew Bulletin* 13: 231–252.
- (3) Gordon-Gray. 1977. *FSA* 16,2: 69–108.
- (4) Ross. 1979. *The Flowering Plants of Africa* 46: t. 1819.
- (5) Lock. 1988. *Kew Bulletin* 43: 333–342.
- (6) Luckow. 1996. *Baileya* 23: 195–241.

abbreviata Oliv. subsp. **beareana** (Holmes) Brenan

- C. abbreviata* Oliv. var. *granitica* (Baker f.) Baker f. (3)
C. beareana Holmes (3)
C. granitica Baker f. (3)

Perennial. Tree, shrub. Ht 0.3–13 m. Alt 275–1200 m.
 N, B, LIM, M, S

abbreviata Oliv. var. *granitica* (Baker f.) Baker f. = **C. abbreviata** subsp. **beareana**

absus L. = **Chamaecrista absus**

arachoides Burch. = **Senna italica** subsp. **arachoides**

beareana Holmes = **C. abbreviata** subsp. **beareana**

bicapsularis L. = **Senna bicapsularis**

biensis (Steyaert) Mendonça & Torre = **Chamaecrista biensis**

capensis Thunb. var. *capensis* = **Chamaecrista capensis** var. **capensis**

capensis Thunb. var. *flavescens* (E.Mey.) Vogel = **Chamaecrista capensis** var. **flavescens**

capensis Thunb. var. *keiensis* Steyaert = **Chamaecrista capensis** var. **flavescens**

coluteoides Collad. = **Senna pendula** var. **glabrata**

comosa (E.Mey.) Vogel var. *capricornia* Steyaert = **Chamaecrista comosa** var. **capricornia**

comosa (E.Mey.) Vogel var. *comosa* = **Chamaecrista comosa** var. **comosa**

comosa (E.Mey.) Vogel var. *lanata* Steyaert = **Chamaecrista comosa** var. **comosa**

corymbosa Lam. = **Senna corymbosa**

delagoensis Harv. = **Senna petersiana**

didymobotrya Fresen. = **Senna didymobotrya**

falcinella Oliv. var. *longifolia* Ghesq. = **Chamaecrista parva**

falcinella Oliv. var. *parviflora* Steyaert = **Chamaecrista falcinella** var. **parviflora**

floribunda in sense of Brenan, not of Cav., misapplied name = **Senna septemtrionalis**

floribunda in sense of Brenan, not of Cav. × *C. bicapsularis* L. = **Senna septemtrionalis** × **S. bicapsularis**

floribunda in sense of Brenan, not of Cav. × *C. tomentosa* L.f. = **Senna septemtrionalis** × **S. multiglandulosa**

goratensis Fresen. = **Senna singueana**

granitica Baker f. = **C. abbreviata** subsp. **beareana**

hirsuta L. = **Senna hirsuta**

indecora Kunth var. *glabrata* Vogel = **Senna pendula** var. **glabrata**

italica (Mill.) Lam. ex F.W.Andrews subsp. *arachoides* (Burch.) Brenan = **Senna italica** subsp. **arachoides**

italica (Mill.) Lam. ex F.W.Andrews subsp. *micrantha* Brenan = **Senna italica** subsp. **micrantha**

katangensis (Ghesq.) Steyaert var. *biensis* Steyaert = **Chamaecrista biensis**

kirkii Oliv. var. *quarrei* Ghesq. = **Chamaecrista stricta**

laevigata Willd. = **Senna septemtrionalis**

mimosoides L. = **Chamaecrista mimosoides**

mimosoides L. var. *stricta* (E.Mey.) Harv. = **Chamaecrista stricta**

multiglandulosa Jacq. = **Senna multiglandulosa**

multijuga Rich. = **Senna multijuga**

nairensis Aggeler & Musser = **Senna didymobotrya**

obovata Collad. var. *mucronata* Burt Davy = **Senna italica** subsp. **arachoides**

obovata Collad. var. *pallidiflora* Dinter = **Senna italica** subsp. **micrantha**

obovata Collad. var. *pilosa* Burt Davy = **Senna italica** subsp. **arachoides**

obtusifolia L. = **Senna obtusifolia**

occidentalis L. = **Senna occidentalis**

parva Steyaert = **Chamaecrista parva**

petersiana Bolle = **Senna petersiana**

plumosa (E.Mey.) Vogel = **Chamaecrista plumosa** var. **plumosa**

plumosa (E.Mey.) Vogel var. *diffusa* (E.Mey.) Vogel = **Chamaecrista plumosa** var. **plumosa**

plumosa (E.Mey.) Vogel var. *erecta* Schorn & Gordon-Gray = **Chamaecrista plumosa** var. **erecta**

plumosa (E.Mey.) Vogel × *C. mimosoides* L. = **Chamaecrista plumosa** × **C. mimosoides**

quarrei (Ghesq.) Steyaert = **Chamaecrista stricta**

septemtrionalis Viv. = **Senna septemtrionalis**

siamea Lam. = **Senna siamea**

singueana Delile = **Senna singueana**

singueana in sense of author, not of Delile, spelling err., misapplied name = **Senna singueana**

stricta (E.Mey.) Steud. = **Chamaecrista stricta**

tomentosa in sense of H.M.L.Forbes, misapplied name = **Senna hirsuta**

tomentosa L.f. = **Senna multiglandulosa**

transversali-seminata De Wild. = **Senna bicapsularis**

zanzibarensis Vatke = **Senna singueana**

***CERATONIA L.** 3529000

Compiled by T. Nkonki & N. Swelankomo

(1) Brenan. 1967. *FTEA Leguminosae* 2: 16.

siliqua L.

Perennial. Tree. Ht 1–13 m. Alt 555–1370 m. N, G, EC

CHAMAECRISTA Moench 3536010

Compiled by H.F. Glen

(1) Ghesquière. 1932. *Bulletin du Jardin Botanique de l'État Bruxelles* 9: 139–169.

(2) Gordon-Gray. 1977. *FSA* 16,2: 69–108.

(3) Lock. 1988. *Kew Bulletin* 43: 333–342.

absus (L.) Irwin & Barneby

Cassia absus L. (3)

Annual. Herb. Ht 0.1–1 m. Alt 350–1450 m. N, B, LIM, NW, G, M

biensis (Steyaert) Lock

Cassia biensis (Steyaert) Mendonça & Torre (3)

Cassia katangensis (Ghesq.) Steyaert var. *biensis* Steyaert (3)

Perennial. Herb. Ht 0.05–0.6 m. Alt 350–1750 m. N, B, LIM, NW, G, M, FS, KZN, NC, EC

capensis (Thunb.) E.Mey. var. capensis

Cassia capensis Thunb. var. *capensis* (3)

Perennial. Herb. Ht 0.1–0.4 m. Alt 0–1600 m. B, LIM, NW, G, M, KZN, EC

capensis (Thunb.) E.Mey. var. flavescens (Thunb.) E.Mey.

Cassia capensis Thunb. var. *flavescens* (E.Mey.) Vogel (3)

Cassia capensis Thunb. var. *keiensis* Steyaert (3)

Perennial. Herb. Ht 0.1–0.9 m. Alt 0–1700 m. N, LIM, NW, G, M, S, KZN, EC

comosa E.Mey. var. capricornia (Steyaert) Lock

Cassia comosa (E.Mey.) Vogel var. *capricornia* Steyaert (3)

Perennial. Herb. Ht 0.2–0.9 m. Alt 900–1750 m. LIM, NW, G, M, S

comosa E.Mey. var. **comosa**

Cassia comosa (E.Mey.) Vogel var. *comosa* (3)
Cassia comosa (E.Mey.) Vogel var. *lanata* Steyaert (3)

Perennial. Herb. Ht 0.2–1.5 m. Alt 0–1525 m. G, KZN, EC

falcinella (Oliv.) Lock var. **parviflora** (Steyaert) Lock

Cassia falcinella Oliv. var. *parviflora* Steyaert (3)

Annual. Herb. Ht 0.2–0.6 m. Alt 900–1100 m. N, B

fenarolii (Mendonça & Torre) Lock

Annual. Herb. Ht up to 0.45 m. Alt 900–1050 m. B

huillensis (Mendonça & Torre) Lock

Perennial. Herb. Ht ± 0.3 m. Alt ± 450 m. LIM

kirkii (Oliv.) Standl.

Perennial. Herb. Ht 0.2–0.4 m. Alt 1150–1250 m. B

mimosoides (L.) Greene

Cassia mimosoides L. (3)

Annual, occ. perennial. Herb. Ht 0.1–1.6 m. Alt 0–1750 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

parva (Steyaert) Lock

Cassia falcinella Oliv. var. *longifolia* Ghesq. (3)

Cassia parva Steyaert (3)

Perennial. Herb. Ht 0.2–0.5 m. Alt 900–1100 m. B

plumosa E.Mey. var. **diffusa** E.Mey. = **C. plumosa** var. **plumosa**

plumosa E.Mey. var. **erecta** (Schorn & Gordon-Gray) Lock

Cassia plumosa (E.Mey.) Vogel var. *erecta* Schorn & Gordon-Gray (3)

Perennial. Herb. Ht 0.4–2.5 m. Alt 150–1200 m. LIM, M, KZN, EC

plumosa E.Mey. var. **plumosa**

Cassia plumosa (E.Mey.) Vogel (3)

Cassia plumosa (E.Mey.) Vogel var. *diffusa* (E.Mey.) Vogel (3)

C. plumosa E.Mey. var. *diffusa* E.Mey. (3)

Perennial. Herb. Ht 0.2–0.4 m. Alt 0–850 m. M, KZN, EC

plumosa E.Mey. × **C. mimosoides** (L.) Greene

Cassia plumosa (E.Mey.) Vogel × *C. mimosoides* L. (3)

Perennial. Herb. Ht ± 0.3 m. Alt 0–60 m. KZN

stricta E.Mey.

Cassia kirkii Oliv. var. *quarrei* Ghesq. (3)

Cassia mimosoides L. var. *stricta* (E.Mey.) Harv. (3)

Cassia quarrei (Ghesq.) Steyaert (3)

Cassia stricta (E.Mey.) Steud. (3)

Annual. Herb. Ht 0.1–1 m. Alt 0–1700 m. B, LIM, NW, G, M, S, KZN, EC

CHRYSOSCIAS E.Mey. 3897010

calucina E.Mey. = **Rhynchosia leucoscias**

grandiflora E.Mey. = **Rhynchosia chrysoscias**

parviflora E.Mey. = **Rhynchosia microscias**

***CLITORIA** L. 3857000

Compiled by T. Nkonki & N. Swelankomo

(1) Verdcourt. 1971. *FTEA* Leguminosae 4: 515–518.

mearnsii De Wild. = **C. ternatea** var. **ternatea**

ternatea L. var. **ternatea**

C. mearnsii De Wild. (1)

C. zanzibarensis Vatke (1)

Perennial. Herb, climber. Ht 0.45–3 m. Alt 185–610 m. N, M

zanzibarensis Vatke = **C. ternatea** var. **ternatea**

COELIDIUM Vogel ex Walp. 3646000

amphithaleoides Dummer = **Amphithalea muraltioides**

bowiei Benth. = **Amphithalea bowiei**

bullatum Benth. = **Amphithalea bullata**

cedarbergensis Granby = **Amphithalea cedarbergensis**

ciliare (Eckl. & Zeyh.) Walp. = **Amphithalea ciliaris**

ciliare (Eckl. & Zeyh.) Walp. var. *brevifolium* L. = **Amphithalea flava**

cymbifolium C.A.Sm. = **Amphithalea cymbifolia**

dahlgrenii Granby = **Amphithalea dahlgrenii**

esterhuyseniae Granby = **Amphithalea esterhuyseniae**

euchaetioides Dummer = **Amphithalea villosa**

flavum Granby = **Amphithalea flava**

fourcadei Compton = **Amphithalea parvifolia**

humile Schltr. = **Amphithalea monticola**

minimum Granby = **Amphithalea minima**

muirii Granby = **Amphithalea muirii**

muraltioides Benth. = **Amphithalea muraltioides**

obtusilobum Granby = **Amphithalea obtusiloba**

pageae L.Bolus = **Amphithalea pageae**

parviflorum (Thunb.) Druce = **Amphithalea parvifolia**

parvifolium (Thunb.) Druce = **Amphithalea parvifolia**

perplexum (Eckl. & Zeyh.) Granby = **Amphithalea perplexa**

purpureum Granby = **Amphithalea purpurea**

spinatum Harv. = **Amphithalea spinosa**

thunbergii Harv., illegitimate name = **Amphithalea parvifolia**

tortile (E.Mey.) Druce = **Amphithalea tortilis**

villosum (Schltr.) Granby = **Amphithalea villosa**

vlokii A.L.Schutte & B.-E.van Wyk = **Amphithalea vlokii**

COLOPHOSPERMUM J.Kirk 3490010
ex J.Léonard

Compiled by H.F. Glen

(1) Ross. 1977. *FSA* 16,2: 16–19.

(2) Léonard. 1999. *Bulletin du Jardin Botanique National de Belgique* 67: 21–43.

mopane (J.Kirk ex Benth.) J.Kirk ex J.Léonard

Copaiba mopane (J.Kirk ex Benth.) Kuntze (1)

Copaifera mopane J.Kirk ex Benth. (1)

Perennial. Tree. Ht 1–20 m. Alt 200–1150 m. N, B, LIM

COLUTEA L. 3759000

frutescens L. = **Sutherlandia frutescens**

prostrata Thunb. = **Lessertia prostrata**

COPAIBA Adans. 3490030

coleosperma (Benth.) Kuntze = **Guibourtia coleosperma**

conjugata (Bolle) Kuntze = **Guibourtia conjugata**

mopane (J.Kirk ex Benth.) Kuntze = **Colophospermum mopane**

- COPAIFERA** L. 3490000
coleosperma Benth. = **Guibourtia coleosperma**
conjugata (Bolle) Milne-Redh. = **Guibourtia conjugata**
gorskia Schinz = **Guibourtia conjugata**
gorskiana Benth. = **Guibourtia conjugata**
mopane J.Kirk ex Benth. = **Colophospermum mopane**
- COPAIVA** Jacq. 3490040
coleosperma (Benth.) Britton = **Guibourtia coleosperma**
- CORDYLA** Lour. 3573000
 Compiled by H.F. Glen
 (1) Ross. 1977. *FSA* 16,2: 133–135.
africana Lour.
 Perennial. Tree. Ht 10–25 m. Alt 0–200 m. M, S, KZN
- COULTERIA** Humb., Bonpl. & Kunth 3559010
tinctoria Humb., Bonpl. & Kunth = **Caesalpinia spinosa**
- CRACCA** L. 3718040
acaciaefolia Kuntze = **Tephrosia acaciifolia**
lupinifolia Kuntze = **Tephrosia lupinifolia**
semiglabra Kuntze = **Tephrosia semiglabra**
- CRAIBIA** Harms & Dunn 3720010
 Compiled by H.F. Glen
 (1) Gillett. 1971. *FTEA* Leguminosae 3: 146–153.
zimmermannii (Harms) Dunn
Lonchocarpus zimmermannii Harms (1)
 Perennial. Tree. Ht 1.5–15 m. Alt 0–350 m. S, KZN, EC
- CROTALARIA** L. 3669000
 Compiled by T. Nkonki & N. Swelankomo
 (1) Lamarck. 1783. *Encyclopédie Méthodique* 1: 194–203.
 (2) Baker. 1897. *Kew Bulletin* Nos 128, 129: 249–253.
 (3) Verdoorn. 1928. *Bothalia* 2: 371–420.
 (4) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 386.
 (5) Dyer. 1942. *The Flowering Plants of South Africa* 22: t. 878.
 (6) Verdoorn. 1951. *The Flowering Plants of Africa* 28: t. 1104.
 (7) Polhill. 1968. *Kew Bulletin* 22,2: 169–338.
 (8) Polhill. 1976. *The Flowering Plants of Africa* 43: t. 1689.
 (9) Polhill. 1982. *Crotalaria in Africa and Madagascar*: 1–383.
 (10) Germishuizen & Condy. 1995. *Flowering Plants of Africa* 54: 54–56, t. 2111.
***agatiflora** Schweinf. subsp. **agatiflora**
C. megistantha Taub. (9)
 Perennial. Shrub, herb. Ht 0.3–2 m. Alt 1067–1370 m. N, LIM, G, WC, EC
allenii I. Verd. = **C. orientalis** subsp. **allenii**
amplexicaulis L. = **Rafnia amplexicaulis**
anthyllopsis Welw. ex Baker
 Annual. Herb. Ht? Alt 640–1220 m. M
apiculata Schinz = **C. platysepala**
argyrea Welw. ex Baker
C. pechueliana Schinz (9)
 Perennial. Herb. Ht 0.5–1.21 m. Alt 250–1675 m. N, KZN
aurea Dinter ex Baker f.
 Annual. Herb. Ht 0.5–1.5 m. Alt? N
australis (Baker f.) Baker f. ex I. Verd. = **C. laburnifolia** subsp. **australis**
azurea Eckl. & Zeyh. = **Lotononis azurea**
barkae Schweinf. subsp. **barkae**
C. geminiflora Dinter ex Baker f. (9)
 Annual, occ. perennial. Herb. Ht 0.3–0.5 m. Alt 950–1405 m. N, B, LIM, NW
barnabassii Dinter ex Baker f.
C. mossamedesiana Baker f. (9)
 Annual. Herb. Ht 0.3–2 m. Alt? N
belchii Schinz = **C. podocarpa**
brachycarpa (Benth.) Burt Davy ex I. Verd.
C. globifera E. Mey. var. *brachycarpa* Benth. (9)
 Annual, occ. perennial. Herb. Ht 0.15–0.5 m. Alt 610–1525 m. LIM, NW, G, M, S
***brevidens** Benth. var. **intermedia** (Kotschy) Polhill
C. intermedia Kotschy (9)
 Annual, occ. perennial. Herb. Ht 0.5–2 m. Alt ?–303 m. G, S
breyeri N.E.Br. = **C. monteiroi** var. **galpinii**
burkeana Benth.
C. burkeana Benth. var. *sparsipila* Harv. (9)
 Perennial. Herb. Ht 0.25–0.7 m. Alt 60–1560 m. B, LIM, NW, G, M, S, FS, KZN
burkeana Benth. var. *sparsipila* Harv. = **C. burkeana capensis** Jacq.
C. capensis Jacq. var. *obscura* E. Mey. (9)
C. cecilaea I. Verd. (9)
 Perennial. Tree, shrub. Ht 1–6 m. Alt 10–1980 m. LIM, G, M, S, FS, KZN, NC, WC, EC
capensis Jacq. var. *obscura* E. Mey. = **C. capensis capitata** Lam., not of Thunb. (1800), also not of (Lam.) DC. (1825) = **Liparia umbellifera**
carinata Steud. ex A. Rich. = **C. senegalensis**
cataractarum Baker f. = **C. flavicarinata**
cecilaea I. Verd. = **C. capensis**
cernua Schinz forma *latifolia* Schinz = **C. sphaerocarpa** subsp. **sphaerocarpa**
cinerea Burt Davy ex I. Verd. = **C. globifera**
colorata Schinz subsp. **colorata**
 Perennial. Shrub, herb. Ht 0.3–0.6 m. Alt ± 6 m. N, NC, WC
colorata Schinz subsp. **erecta** (Schinz) Polhill
C. schultzei Harms (9)
 Perennial. Shrub, herb. Ht 0.25–1.8 m. Alt 70–800 m. N
coluteoides Lam. = **Hypocalyptus coluteoides**
cordifolia L. = **Hypocalyptus sophoroides**
damarensis Engl.
C. fleckii Schinz (9)
C. marlothii Engl. (9)
 Annual, occ. perennial. Herb. Ht 0.15–0.8 m. Alt 305–1405 m. N, B, LIM, G, M, NC
diffusa E. Mey. = **C. excisa** subsp. **excisa**
dinteri Schinz
 Perennial. Herb. Ht? Alt? N
distans Benth. subsp. **distans**
 Annual. Herb. Ht 0.2–0.8 m. Alt 765–1950 m. N, B, LIM, NW, G, M, FS, KZN, L

- distans** Benth. subsp. **mediocris** Polhill
C. macaulayae in sense of I. Verd., misapplied name (9)
Annual. Herb. Ht 0.3–0.8 m. Alt 765–1310 m. B, LIM, NW, M
- doidgeae** I. Verd.
Perennial. Shrub. Ht 0.6–3.5 m. Alt 600–1460 m. LIM, G, M
- dura** J.M. Wood & M.S. Evans subsp. **dura**
Perennial. Dwarf shrub, herb. Ht 0.15–0.6 m. Alt 1–1050 m. KZN, EC
- effusa** E. Mey.
Ononis racemosa Thunb. (3)
Annual. Herb. Ht 0.05–0.7 m. Alt 134–915 m. WC, EC
- eremicola** Baker f. subsp. **eremicola**
C. spinosa Hochst. ex Benth. var. *schlechteri* Baker f. (3)
Perennial. Herb. Ht 0.1–0.8 m. Alt 124–1530 m. N, B, LIM, NW, G, NC
- excisa** (Thunb.) Baker f. subsp. **excisa**
C. diffusa E. Mey. (9)
Ononis excisa Thunb. (9)
Perennial. Herb. Ht 0.1–1.2 m. Alt 5–2440 m. NC, WC
- excisa** (Thunb.) Baker f. subsp. **namaquensis** Polhill
Perennial. Herb. Ht? Alt? NC
- flavicarinata** Baker f.
C. cataractarum Baker f. (9)
Perennial. Shrub, herb. Ht 0.3–2 m. Alt 915–1163 m. N, B
- fleckii* Schinz = **C. damarensis**
- floribunda* Lodd. = **Wiborgia obcordata**
- gazensis** Baker f. subsp. **herbacea** Polhill
Annual. Dwarf shrub, herb. Ht 1–2 m. Alt? LIM
- geminiflora* Dinter ex Baker f. = **C. barkae** subsp. **barkae**
- genistoides* Lam. = **Liparia genistoides**
- globifera** E. Mey.
C. cinerea Burt Davy ex I. Verd. (9)
C. macrostachya Sond. (9)
C. pentheri Gand. (9)
Annual, occ. perennial. Shrub, herb. Ht 0.2–1.2 m. Alt 5–1735 m. LIM, G, M, S, KZN, EC
- globifera* E. Mey. var. *brachycarpa* Benth. = **C. brachycarpa**
- grantiana* Harv. = **C. virgulata** subsp. **grantiana**
- griquensis** L. Bolus
Perennial. Herb. Ht 0.1–0.4 m. Alt 1200–1350 m. NW, M, S, FS, NC
- heidmannii** Schinz
C. paucifolia Schinz (9)
Annual. Herb. Ht 0.15–0.8 m. Alt 1150–1350 m. N, B
- hirsutissima* Schinz = **C. podocarpa**
- hispida* Schinz = **C. steudneri**
- humilis** Eckl. & Zeyh.
Annual. Herb. Ht? Alt? 300 m. WC
- imbricata* L. = **Amphithalea imbricata**
- incompta** N.E. Br.
Annual. Herb. Ht ?–0.5 m. Alt? N, B
- inhabilis* I. Verd. = **C. monteiroi** var. **galpinii**
- intermedia* Kotschy = **C. brevidens** var. **intermedia**
- *juncea** L.
Annual. Herb. Ht ?–1.7 m. Alt 5–1311 m. LIM, KZN
kuibisensis Dinter = **C. leubnitziana**
- kurtii** Schinz
Annual, occ. perennial. Herb. Ht 0.2–1 m. Alt 1800–2100 m. N
- laburnifolia** L. subsp. **australis** (Baker f.) Polhill
C. australis (Baker f.) Baker f. ex I. Verd. (9)
Perennial. Shrub, herb. Ht 0.2–2 m. Alt 150–1435 m. N, B, LIM, NW, G, M, S, KZN
- laburnifolia** L. subsp. **laburnifolia**
Perennial. Shrub. Ht ?–1.5 m. Alt? B, LIM
- lanata* Thunb. = **Xiphotheca fruticosa**
- lanceolata** E. Mey. subsp. **lanceolata**
C. mossambicensis Klotzsch (9)
Annual. Herb. Ht 0.2–1.7 m. Alt 10–1067 m. LIM, M, S, KZN, EC
- lebeckioides** Bond
Perennial. Shrub. Ht 0.6–1 m. Alt ?–500 m. WC
- lenticula* E. Mey. = **Lotononis lenticula**
- leubnitziana** Schinz
C. kuibisensis Dinter (9)
Perennial. Herb. Ht 0.1–0.6 m. Alt 50–960 m. N, B, NC
- lineata* Thunb. = **Eriosema squarrosum**
- longidens** Burt Davy ex I. Verd.
Perennial. Herb. Ht 0.7–2 m. Alt 1035–1700 m. LIM, M
- lotoides** Benth.
Perennial. Herb. Ht 0.15–3 m. Alt 6–2925 m. B, LIM, NW, G, M, NC, EC
- macaulayae* in sense of I. Verd., misapplied name = **C. distans** subsp. **mediocris**
- macrocarpa** E. Mey. subsp. **macrocarpa**
Perennial. Shrub. Ht 0.3–3 m. Alt 420–600 m. KZN
- macrostachya* Sond. = **C. globifera**
- marlothii* Engl. = **C. damarensis**
- megistantha* Taub. = **C. agatiflora** subsp. **agatiflora**
- meyeriana** Steud.
C. mollis E. Mey. (9)
Perennial. Herb. Ht 0.05–5 m. Alt 40–500 m. N, NC
- mollii** Polhill
Perennial. Herb. Ht ?–0.5 m. Alt? S, KZN
- mollis* E. Mey. = **C. meyeriana**
- monophylla** Germish.
Perennial. Herb. Ht 0.14–0.25 m. Alt? M
- monteiroi** Taub. ex Baker f. var. **galpinii** Burt Davy ex I. Verd.
C. breyeri N.E. Br. (9)
C. inhabilis I. Verd. (9)
C. rigidula Baker f. (9)
Perennial. Shrub, dwarf shrub. Ht 1–2.5 m. Alt 60–1240 m. LIM, G, M, S, KZN
- monteiroi** Taub. ex Baker f. var. **monteiroi**
Perennial. Shrub, dwarf shrub. Ht 0.6–3 m. Alt 30–1220 m. LIM, M, S, KZN
- mossambicensis* Klotzsch = **C. lanceolata** subsp. **lanceolata**
- mossamedesiana* Baker f. = **C. barnabassii**
- mucronata* Desv. = **C. pallida** var. **pallida**

mutabilis Schinz = **C. podocarpa**

natalensis Baker f.

Perennial. Shrub. Ht 0.45–3 m. Alt 10–380 m. KZN, EC

natalitia Meisn. var. **natalitia**

Perennial. Shrub, herb. Ht 0.45–2 m. Alt 5–915 m. LIM, M, KZN

natalitia Meisn. var. *procumbens* Baker f. = **C. rhodesiae**

nubica Benth. = **C. sphaerocarpa** subsp. **sphaerocarpa**

nutans Welw. ex Baker = **C. sphaerocarpa** subsp.

sphaerocarpa

obcordata P.J.Bergius = **Wiborgia obcordata**

obscura DC.

C. pilosa Thunb. (9)

C. pilosa Thunb. var. *collina* Eckl. & Zeyh. (9)

C. pilosa Thunb. var. *riparia* Eckl. & Zeyh. (9)

Perennial. Herb. Ht? Alt 5–1676 m. KZN, EC

ochroleuca G.Don

Annual, occ. perennial. Herb. Ht 0.5–2 m. Alt 183–1067 m. S

orientalis Burt Davy ex I.Verd. subsp. **allenii** (I.Verd.)

Polhill & A.Schreib.

C. allenii I.Verd. (9)

Perennial. Dwarf shrub, herb. Ht 0.4–1 m. Alt ?–1370 m. B, LIM, G

orientalis Burt Davy ex I.Verd. subsp. **orientalis**

Perennial. Dwarf shrub, herb. Ht 0.5–0.8 m. Alt 885–1370 m. N, B, LIM, NW, M, FS, KZN, NC

pallida Aiton var. **pallida**

C. mucronata Desv. (9)

C. striata DC. (9)

Perennial. Herb. Ht 0.1–2 m. Alt 5–960 m. LIM, M, S, KZN

parvifolia Thunb. = **Amphithalea parvifolia**

paucifolia Schinz = **C. heidmannii**

pearsonii Baker f.

Perennial. Herb. Ht 0.3–0.5 m. Alt 250–460 m. NC

pechueliana Schinz = **C. argyrea**

pentheri Gand. = **C. globifera**

pilosa Thunb. = **C. obscura**

pilosa Thunb. var. *collina* Eckl. & Zeyh. = **C. obscura**

pilosa Thunb. var. *riparia* Eckl. & Zeyh. = **C. obscura**

pilulicarpa Taub. = **C. pisicarpa**

pisicarpa Welw. ex Baker

C. pilulicarpa Taub. (9)

Annual, occ. perennial. Herb. Ht ?–0.5 m. Alt 262–1430 m. N, B, LIM, G

platysepala Harv.

C. apiculata Schinz (9)

Annual. Herb. Ht 0.3–1.2 m. Alt 915–1370 m. N, B

podocarpa DC.

C. belchii Schinz (9)

C. hirsutissima Schinz (9)

C. mutabilis Schinz (9)

Annual. Herb. Ht 0.1–0.7 m. Alt 262–1560 m. N, B, LIM, NW, M, NC, WC

psoraloides Lam. = **Eriosema psoraloides**

pulchella Andrews = **Lebeckia cytisoides**

purpurea Vent. = **Hypocalyptus coluteoides**

quinata (Thunb.) E.Mey. = **Lotononis acutiflora**

recta Steud. ex A.Rich.

Perennial. Herb. Ht 1–2.5 m. Alt 700–1980 m. LIM, M, S

reniformis Lam. = **Rafnia amplexicaulis**

rhodesiae Baker f.

C. natalitia Meisn. var. *procumbens* Baker f. (9)

Perennial. Herb. Ht 0.4–0.9 m. Alt? B, LIM

rigidula Baker f. = **C. monteiroi** var. **galpinii**

schinzii Baker f.

Perennial. Herb. Ht 0.03–0.4 m. Alt 380–1675 m. B, LIM, M

schlechteri Baker f.

Perennial. Herb. Ht 0.4–0.8 m. Alt? B, M

schultzei Harms = **C. colorata** subsp. **erecta**

senegalensis (Pers.) Bacle ex DC.

C. carinata Steud. ex A.Rich. (9)

Annual. Herb. Ht 0.3–1 m. Alt? B

sericea Retz. = **C. spectabilis**

sericifolia Harms

Perennial. Shrub, dwarf shrub. Ht ?–1.3 m. Alt? N

serpens E.Mey. = **Lotononis hirsuta**

spartea Baker

Annual. Herb. Ht 0.2–1.3 m. Alt 1086–1096 m. M

spartioides DC.

Perennial. Shrub. Ht 0.4–2 m. Alt 910–1585 m. N, B, NW, NC

spartioides DC. × **C. virgultalis** Burch. ex DC.

Perennial. Shrub. Ht? Alt ?–915 m. N, NC

***spectabilis** Roth

C. sericea Retz. (9)

Perennial. Herb. Ht 1–2 m. Alt? G

sphaerocarpa Perr. ex DC. subsp. **sphaerocarpa**

C. cernua Schinz forma *latifolia* Schinz (9)

C. nubica Benth. (9)

C. nutans Welw. ex Baker (9)

C. squarrosa Schinz (9)

Annual. Herb. Ht 0.2–1.2 m. Alt 65–1500 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

spinosa Hochst. ex Benth. var. *schlechteri* Baker f. = **C.**

eremicola subsp. **eremicola**

squarrosa Schinz = **C. sphaerocarpa** subsp. **sphaero-**

carpa

stuedneri Schweinf.

C. hispida Schinz (9)

C. tanganyikensis Baker f. (9)

Annual. Herb. Ht 0.4–0.6 m. Alt 940–1460 m. N, B, LIM

striata DC. = **C. pallida** var. **pallida**

tanganyikensis Baker f. = **C. stuedneri**

teixeirae Torre

Annual. Herb. Ht 0.5–0.8 m. Alt? N

trichopoda E.Mey. = **Lotononis glabra**

ulbrichiana Harms

Annual. Herb. Ht 0.4–1.2 m. Alt? N

vasculosa Wall. ex Benth.

Annual. Herb. Ht 0.15–1 m. Alt ?–30 m. LIM, KZN

virgulata Klotzsch subsp. **grantiana** (Harv.) Polhill

C. grantiana Harv. (9)

Annual. Herb. Ht 0.1–1 m. Alt 5–1400 m. B, LIM,
NW, G, M, S, FS, KZN, EC

virgultalis Burch. ex DC.

Perennial. Shrub. Ht 0.4–1.5 m. Alt 155–1370 m. N,
B, LIM, M, FS, NC, EC

CRYPHIANTHA Eckl. & Zeyh. 3644010

imbricata Eckl. & Zeyh. = **Amphithalea micrantha**

CULLEN Medik. 3703010

Compiled by T. Nkonki & N. Swelankomo

(1) Schönland. 1914. *Records of the Albany Museum* 3: 54.

(2) Stirton. 1981. *Bothalia* 13: 317.

(3) Grimes. 1997. *Australian Systematic Botany* 10: 565–648.

(4) Verdcourt. 2000. *FZ* 3,6: 43–45.

biflora (Harv.) C.H.Stirt.

Psoralea biflora Harv. (2)

Perennial. Dwarf shrub. Ht? Alt? N, NC

corylifolia (L.) Medik. (insufficiently known)

Psoralea corylifolia L. (2)

Psoralea patersoniae Schönland (1)

Annual. Herb. Ht up to 1.5 m. Alt? Distr.?

drupacea (Bunge) C.H.Stirt. (insufficiently known)

Psoralea drupacea Bunge (2)

Perennial. Herb. Ht up to 2 m. Alt? Distr.?

holubii (Burt Davy) C.H.Stirt.

Psoralea holubii Burt Davy (2)

Perennial. Shrub. Ht 0.3–0.4 m. Alt 1065–1372 m.
LIM

jaubertiana (Fenzl) C.H.Stirt. (insufficiently known)

Psoralea jaubertiana Fenzl (2)

Perennial. Herb. Ht up to 0.75 m. Alt? Distr.?

obtusifolia (DC.) C.H.Stirt. = **C. tomentosum**

plicata (Delile) C.H.Stirt. (insufficiently known)

Psoralea odorata Blatt. & Halb. (2)

Psoralea plicata Delile (2)

Perennial. Dwarf shrub, herb. Ht up to 2 m. Alt?
Distr.?

tomentosum (Thunb.) J.W.Grimes

C. obtusifolia (DC.) C.H.Stirt. (4)

Psoralea obtusifolia DC. (2)

Perennial. Herb. Ht 0.1–1.2 m. Alt 15–1677 m. N, B,
LIM, NW, FS, NC, WC

CYAMOPSIS DC. 3700000

Compiled by T. Nkonki & N. Swelankomo

(1) Bolus. 1896. *The Journal of Botany (London)* 34: 22.

(2) Gillett. 1958. *Kew Bulletin Additional Series* 1: 6.

senegalensis Guill. & Perr.

C. stenophylla (Bonnet) Chev. (2)

Annual. Herb. Ht 0.3–0.45 m. Alt ?–1100 m. N, B

serrata Schinz

Indigofera psammotropha Bolus (1)

Annual. Herb. Ht ?–0.25 m. Alt 610–1100 m. N, B,
LIM, NC

stenophylla (Bonnet) Chev. = **C. senegalensis**

tetragonoloba (L.) Taub.

Psoralea tetragonoloba L. (2)

Annual. Herb. Ht? Alt? KZN

CYCLOPIA Vent. 3620000

Compiled by T. Nkonki & N. Swelankomo

(1) Kies. 1951. *Bothalia* 6: 161–176.

(2) Schutte. 1997. *Edinburgh Journal of Botany* 54,2: 125–170.

ashtonii Hofmeyr & E.Phillips = **C. bowieana**

alpina A.L.Schutte

Perennial. Shrub. Ht up to 0.3 m. Alt 1220–1830 m.
WC

alopecuroides A.L.Schutte

Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 1500–
2000 m. WC, EC

aurea Fourc. = **C. intermedia**

aurescens Kies var. **aurescens**

Perennial. Shrub. Ht 0.4–1 m. Alt 490–1800 m. WC

aurescens Kies var. **glauca** Kies

Perennial. Shrub. Ht up to 0.75 m. Alt ?–1220 m. WC

bolusii Hofmeyr & E.Phillips

Perennial. Shrub. Ht up to 1.5 m. Alt ?–2100 m. WC

bowieana Harv.

C. ashtonii Hofmeyr & E.Phillips (1)

Perennial. Shrub. Ht 1–1.8 m. Alt 490–1586 m. WC

brachypoda Benth. = **C. sessiliflora**

brachypoda Hofmeyr & E.Phillips in part = **C. falcata**
var. **falcata**

brachypoda Hofmeyr & E.Phillips in part = **C. sessiliflora**

brachypoda Hofmeyr & E.Phillips var. *intermedia*
Hofmeyr & E.Phillips = **C. intermedia**

burtonii Hofmeyr & E.Phillips

Perennial. Shrub. Ht 0.3–0.6 m. Alt? WC

buxifolia (Burm.f.) Kies

C. latifolia Benth. (1)

Genista buxifolia Burm.f. (1)

Perennial. Shrub. Ht 0.6–1 m. Alt 305–1370 m. WC

capensis Salter

Perennial. Shrub. Ht 0.3–1 m. Alt ?–600 m. WC

cordifolia Benth. = **C. latifolia**

dregeana Kies

C. latifolia E.Mey. (1)

C. subternata Hofmeyr & E.Phillips in part (1)

C. vogelii Harv. var. *subternata* Harv. in part (1)

Perennial. Shrub. Ht up to 2 m. Alt up to 900 m. WC

falcata (Harv.) Kies var. **falcata**

C. brachypoda Hofmeyr & E.Phillips in part (1)

C. vogelii Harv. var. *falcata* Harv. (1)

Perennial. Shrub. Ht 0.4–0.9 m. Alt 300–1350 m. WC

falcata (Harv.) Kies var. **ovata** Kies

Perennial. Shrub. Ht 1–1.5 m. Alt 500–1370 m. WC

filiformis Kies

Perennial. Dwarf shrub. Ht up to 0.2 m. Alt? WC

galioides Eckl. & Zeyh. = **C. galioides**

galioides E.Mey. = **C. genistoides** var. **genistoides**

galioides (P.J.Bergius) DC.

C. galioides Eckl. & Zeyh. (1)

C. genistoides Walp. (1)

Galega genistoides Thunb. var. β (1)

Podalyria genistoides Willd. in part (1)

Sophora galioides P.J.Bergius (1)

Sophora genistoides Thunb. (1)

Perennial. Shrub. Ht 0.3–1 m. Alt 275–900 m. WC

genistoides (L.) R.Br. var. **genistoides**

C. galioides E.Mey. (1)

Galega genistoides Thunb. (1)

Ibbetsonia genistoides Sims (1)

- Sophora genistoides* L. (1)
Perennial. Shrub. Ht 0.2–1.8 m. Alt 15–1830 m. WC
- genistoides** (L.) R.Br. var. **heterophylla** Harv.
C. heterophylla Eckl. & Zeyh. (1)
Perennial. Shrub. Ht? Alt? WC
- genistoides** (L.) R.Br. var. **ovalifolia** Kies
Perennial. Shrub. Ht 0.5–1 m. Alt 120–1220 m. WC
- genistoides** (L.) R.Br. var. **teretifolia** (Eckl. & Zeyh.) Kies
C. teretifolia Eckl. & Zeyh. (1)
Perennial. Shrub. Ht up to 0.4 m. Alt ?–610 m. WC
- genistoides* Walp. = **C. galioides**
- glabra** (Hofmeyr & E.Phillips) A.L.Schutte
Perennial. Shrub. Ht up to 1.2 m. Alt 1670–2250 m. WC
- grandiflora* A.DC. = **C. subternata** var. **subternata**
grandifolia Benth. = **C. subternata** var. **subternata**
heterophylla Eckl. & Zeyh. = **C. genistoides** var. **heterophylla**
- intermedia** E.Mey.
C. aurea Fourc. (1)
C. brachypoda Hofmeyr & E.Phillips var. *intermedia* Hofmeyr & E.Phillips (1)
C. subternata Hofmeyr & E.Phillips in part (1)
C. vogelii Harv. var. *intermedia* Harv. (1)
Perennial. Shrub. Ht 0.5–0.7 m. Alt 215–1525 m. WC
- laricina* E.Mey. = **C. maculata**
latifolia Benth. = **C. buxifolia**
- latifolia** DC.
C. cordifolia Benth. (2)
Perennial. Shrub. Ht up to 1 m. Alt 900–1000 m. WC
- latifolia* Eckl. & Zeyh. = **C. subternata** var. **subternata**
latifolia E.Mey. = **C. dregeana**
latifolia Walp. in part = **C. subternata** var. **subternata**
- laxiflora** Benth.
C. subternata Vogel var. *laxiflora* (Benth.) Kies (2)
C. vogelii Harv. var. *laxiflora* (Benth.) Harv. (2)
Perennial. Shrub. Ht? Alt? WC
- longifolia** Vogel
Perennial. Dwarf shrub. Ht up to 0.15 m. Alt? WC
- maculata** (Andrews) Kies
C. laricina E.Mey. (1)
C. tenuifolia Lehm. (1)
Gompholobium maculatum Andrews (1)
Perennial. Shrub. Ht 1–2.5 m. Alt 290–762 m. WC
- meyeriana** Walp.
C. sessiliflora E.Mey. (1)
Perennial. Shrub. Ht 0.6–1.5 m. Alt 765–1585 m. WC
- montana** Hofmeyr & E.Phillips var. **glabra** Hofmeyr & E.Phillips
Perennial. Shrub. Ht 0.4–2.4 m. Alt ?–2150 m. WC
- montana** Hofmeyr & E.Phillips var. **montana**
Perennial. Shrub. Ht? Alt? WC
- plicata** Kies
Perennial. Dwarf shrub. Ht up to 1.5 m. Alt up to 990 m. WC
- pubescens** Eckl. & Zeyh.
Perennial. Shrub. Ht 1–2 m. Alt? EC
- sessiliflora** Eckl. & Zeyh.
C. brachypoda Benth. (1)
C. brachypoda Hofmeyr & E.Phillips in part (1)
C. vogelii Harv. var. *brachypoda* Harv. (1)
Rafnia retroflexa Thunb. var. β Thunb. ex Kies, naked name (1)
- Perennial. Shrub. Ht 0.15–1 m. Alt 275–1370 m. WC
sessiliflora E.Mey. = **C. meyeriana**
- squamosa** A.L.Schutte
Perennial. Shrub. Ht? Alt? WC
- subternata* Hofmeyr & E.Phillips in part = **C. dregeana**
subternata Hofmeyr & E.Phillips in part = **C. intermedia**
subternata Vogel var. *laxiflora* (Benth.) Kies = **C. laxiflora**
- subternata** Vogel var. **subternata**
C. grandiflora A.DC. (1)
C. grandifolia Benth. (1)
C. latifolia Eckl. & Zeyh. (1)
C. latifolia Walp. in part (1)
C. vogelii Harv. var. *subternata* Harv. in part (1)
Perennial. Shrub. Ht 0.5–3 m. Alt 155–1525 m. WC
- tenuifolia* Lehm. = **C. maculata**
- teretifolia* Eckl. & Zeyh. = **C. genistoides** var. **teretifolia**
vogelii Harv. var. *brachypoda* Harv. = **C. sessiliflora**
vogelii Harv. var. *falcata* Harv. = **C. falcata** var. **falcata**
vogelii Harv. var. *intermedia* Harv. = **C. intermedia**
vogelii Harv. var. *laxiflora* (Benth.) Harv. = **C. laxiflora**
vogelii Harv. var. *subternata* Harv. in part = **C. dregeana**
- vogelii* Harv. var. *subternata* Harv. in part = **C. subternata** var. **subternata**
- CYLISTA** Aiton 3896000
argentea Eckl. & Zeyh. = **Rhynchosia leucoscias**
- CYPHOCALYX** C.Presl 3662020
aridus (E.Mey.) C.Presl = **Aspalathus arida** subsp. **erecta**
major C.Presl = **Aspalathus arida** subsp. **procumbens**
- *CYTISUS** Desf. 3682000
Compiled by H.F. Glen
(1) Frodin & Heywood. 1968. *Flora europaea* 2: 87–89.
(2) De Vries. 1995. *European garden flora* 4: 538–544.
- cajan* L. = **Cajanus cajan**
- candicans* (L.) Lam. = **Genista monspessulana**
- psoraloides* L. = **Indigofera psoraloides**
- scoparius** (L.) Link
Sarothamnus scoparius (L.) Wimm. ex W.D.J.Koch (1)
Perennial. Shrub. Ht 1.4–4 m. Alt 1200–2100 m. M, KZN, WC, EC
- sericeus* Willd. = **Mundulea sericea**
- DALBERGIA** L.f. 3821000
Compiled by H.F. Glen
(1) Polhill. 1971. *FTEA Leguminosae* 3: 73–76.
(2) Coates Palgrave. 1977. *Trees of southern Africa*: 317–320.
(3) Ross. 1979. *The Flowering Plants of Africa* 46: t. 1818.
- armata** E.Mey.
Perennial. Shrub, climber. Ht 0.7–15 m. Alt 0–1500 m. LIM, M, S, KZN
- glandulosa* Dunkley, not of Benth. = **D. martinii**
- martinii** F.White
D. glandulosa Dunkley, not of Benth. (2)
Perennial. Shrub. Ht 1.8–4 m. Alt 900–1050 m. N
- melanoxydon** Guill. & Perr.
Perennial. Tree, shrub. Ht 5–12 m. Alt 60–1320 m. N, B, LIM, M, S

mossambicensis Harms = **D. nitidula**

multijuga E.Mey.

Perennial. Tree, shrub. Ht 2–5 m. Alt 0–900 m. KZN, EC

nelsii Schinz = **Philenoptera nelsii**

nitidula Baker

D. mossambicensis Harms (1)

Perennial. Tree, shrub. Ht 0.5–6 m. Alt 50–1900 m. N, LIM, M, KZN

obovata E.Mey.

D. sessiliflora Harms (1)

Perennial. Tree, shrub, climber. Ht 1.8–8 m. Alt 0–1750 m. LIM, KZN, EC

rotundifolia Sond. = **Pterocarpus rotundifolius** subsp. **rotundifolius**

sessiliflora Harms = **D. obovata**

***sissoo** Roxb. ex DC.

Perennial. Tree, shrub. Ht 3–8 m. Alt 250–1550 m. NW, G, M, FS

DECORSEA R. Vig.

3910030

Compiled by T. Nkonki

(1) Verdcourt. 1970. *Kew Bulletin* 24,3: 445–447.

(2) Verdcourt. 1971. *FTEA Leguminosae* 4: 611–613.

dinteri (Harms) Verdc.

Phaseolus dinteri Harms (1)

Perennial. Herb, climber. Ht? Alt? N

galpinii (Burt Davy) Verdc.

Dolichos galpinii Burt Davy (1)

Perennial. Climber. Ht? Alt ?–610 m. LIM, NW, M, EC

schlechteri (Harms) Verdc.

Dolichos schlechteri Harms ex Burt Davy (2)

Phaseolus schlechteri Harms (2)

Perennial. Herb, climber. Ht 1–3 m. Alt 167–1524 m. N, B, LIM, M, S, KZN

DEGUELIA Aubl.

3838030

stuhlmannii Taub. = **Xeroderris stuhlmannii**

trifoliata (Lour.) Taub. = **Derris trifoliata**

uliginosa (Willd.) Baill. = **Derris trifoliata**

DERRIS Lour.

3838000

Compiled by T. Nkonki

(1) Polhill. 1971. *FTEA Leguminosae* 3: 73–76.

(2) Lock. 1989. *Legumes of Africa*: 351.

stuhlmannii (Taub.) Harms = **Xeroderris stuhlmannii**

trifoliata Lour.

Deguelia trifoliata (Lour.) Taub. (1)

Deguelia uliginosa (Willd.) Baill. (1)

D. uliginosa (Willd.) Benth. (1)

Robinia uliginosa Willd. (1)

Perennial. Climber. Ht 3–15 m. Alt 0–50 m. S, KZN

uliginosa (Willd.) Benth. = **D. trifoliata**

violacea (Klotzsch) Harms = **Philenoptera violacea**

***DESMANTHUS** Willd.

3450000

Compiled by H.F. Glen

(1) Ross. 1975. *FSA* 16,1: 120.

leptostachys DC. = **Dichrostachys cinerea** subsp. **africana** var. **africana**

nutans (Pers.) DC. = **Dichrostachys cinerea** subsp. **africana** var. **africana**

stolonifer DC. = **Neptunia oleracea**

trichostachys DC. = **Dichrostachys cinerea** subsp. **africana** var. **africana**

virgatus (L.) Willd.

Mimosa virgata L. (1)

Perennial. Shrub, herb. Ht 0.7–1 m. Alt 30–600 m. KZN

DESMODIUM Desv.

3807000

Compiled by T. Nkonki

(1) Gillett *et al.* 1971. *FTEA Leguminosae* 3,1: 451–479.

(2) Ohashi. 1973. *Ginkgoana* 1: 1–318.

(3) Schrire. 1988. *Bothalia* 18: 11–24.

adscendens (Sw.) DC. var. **robustum** Schub.

Perennial. Herb. Ht ?–0.3 m. Alt 3–30 m. LIM, KZN

asperum (Poir.) Desr.

Perennial. Shrub. Ht ?–2.5 m. Alt? KZN, EC

barbatum (L.) Benth. subsp. *dimorphum* (Welw. ex Baker)

J.R.Laundon = **D. barbatum** var. **dimorphum**

barbatum (L.) Benth. var. **argyreum** (Welw. ex Baker) Schub.

D. dimorphum Welw. ex Baker var. *argyreum* Welw. ex Baker (3)

Nicolsonia barbata (L.) DC. var. *argyreae* (Welw. ex Baker) Schindl. (3)

Perennial. Dwarf shrub. Ht ?–0.9 m. Alt 1000–2000 m. N

barbatum (L.) Benth. var. **dimorphum** (Welw. ex Baker) Schub.

D. barbatum (L.) Benth. subsp. *dimorphum* (Welw. ex Baker)

J.R.Laundon (3)

D. dimorphum Welw. ex Baker (3)

Nicolsonia barbata (L.) DC. var. *dimorpha* (Welw. ex Baker) Schindl. (3)

Perennial. Shrub, dwarf shrub. Ht 0.45–1 m. Alt 610–1370 m. B, LIM, M

caffrum Eckl. & Zeyh. = **D. repandum**

caffrum (E.Mey.) Druce = **D. dregeanum**

canum (J.F.Gmel.) Schinz & Thell. = **D. incanum**

dimorphum Welw. ex Baker = **D. barbatum** var. **dimorphum**

dimorphum Welw. ex Baker var. *argyreum* Welw. ex Baker = **D. barbatum** var. **argyreum**

dregeanum Benth.

D. caffrum (E.Mey.) Druce (3)

Nicolsonia caffra E.Mey. (3)

Perennial. Dwarf shrub, herb. Ht 0.25–1.2 m. Alt 5–1575 m. M, KZN, EC

gangeticum (L.) DC.

D. gangeticum (L.) DC. var. *maculatum* (L.) Baker (3)

D. natalitum Sond. (3)

Hedysarum gangeticum L. (3)

Hedysarum maculatum L. (3)

Perennial. Dwarf shrub, herb. Ht 0.3–0.5 m. Alt 60–760 m. LIM, M, KZN

gangeticum (L.) DC. var. *maculatum* (L.) Baker = **D. gangeticum**

grande E.Mey. = **D. salicifolium** var. **salicifolium**

hirtum Guill. & Perr. = **D. setigerum**

incanum DC.

D. canum (J.F.Gmel.) Schinz & Thell. (3)

Hedysarum canum J.F.Gmel. (3)

Hedysarum incanum Sw. (3)

Hedysarum racemosum Aubl. (3)

Perennial. Dwarf shrub, herb. Ht 0.2–1.5 m. Alt 5–365 m. KZN, EC

lasiocarpum (P.Beauv.) DC. = **D. velutinum**

natalitum Sond. = **D. gangeticum**

paleaceum Guill. & Perr. = **D. salicifolium** var. **salicifolium**

repandum (Vahl) DC.

D. caffrum Eckl. & Zeyh. (3)

D. scalpe DC. (3)

D. strangulatum Wight & Arn. (3)

Hedysarum repandum Vahl (3)

Perennial. Shrub, herb. Ht 0.3–3 m. Alt 15–1830 m. LIM, NW, G, M, S, KZN, WC, EC

salicifolium (Poir.) DC. var. **salicifolium**

D. grande E.Mey. (3)

D. paleaceum Guill. & Perr. (3)

Hedysarum salicifolium Poir. (3)

Perennial. Shrub, dwarf shrub, herb. Ht 1.2–2.5 m. Alt 30–640 m. N, B, M, S, KZN

scalpe DC. = **D. repandum**

setigerum (E.Mey.) Benth. ex Harv.

D. hirtum Guill. & Perr. (3)

Nicolsonia setigera E.Mey. (3)

Perennial. Herb, climber. Ht 0.15–1.5 m. Alt 5–1830 m. LIM, M, S, KZN, EC

spirale in sense of Baker, misapplied name = **D. tortuosum**

squarrosum (Thunb.) DC. var. *acuminatum* Eckl. & Zeyh. = **Eriosema acuminatum**

squarrosum (Thunb.) DC. var. *acutifolium* Eckl. & Zeyh. = **Eriosema squarrosum**

strangulatum Wight & Arn. = **D. repandum**

tortuosum (Sw.) DC.

D. spirale in sense of Baker, misapplied name (3)

Hedysarum tortuosum Sw. (3)

Perennial. Dwarf shrub, herb. Ht 0.7–1.8 m. Alt? M, KZN

velutinum (Willd.) DC.

D. lasiocarpum (P.Beauv.) DC. (3)

Hedysarum lasiocarpum P.Beauv. (3)

Hedysarum velutinum Willd. (3)

Perennial. Dwarf shrub, herb. Ht 1–3 m. Alt 520–610 m. LIM

DIALIUM L. 3530000

Compiled by H.F. Glen

(1) Ross. 1977. *FSA* 16,2: 65–67.

englerianum Henriq.

D. simii E.Phillips (1)

Perennial. Tree. Ht 3–21 m. Alt 305–1100 m. N, B

schlechteri Harms

Andradia arborea Sim (1)

Perennial. Tree. Ht 0.7–16 m. Alt 0–150 m. KZN

simii E.Phillips = **D. englerianum**

DICHILUS DC. 3664000

Compiled by T. Nkonki

(1) Harvey & Sonder. 1862. *FC* 2: 1–285.

(2) Schutte & Van Wyk. 1988. *South African Journal of Botany* 54,2: 182–186.

(3) Germishuizen. 1991. *The Flowering Plants of Africa* 51: t. 2037.

candicans E.Mey. = **Melolobium candicans**

gracilis Eckl. & Zeyh.

D. patens E.Mey. (1)

Perennial. Dwarf shrub, herb. Ht 0.3–1 m. Alt 762–1220 m. G, M, FS, NC, WC, EC

lebeckioides DC.

Perennial. Dwarf shrub, herb. Ht 0.3–1.5 m. Alt 305–2100 m. N, LIM, NW, G, M, FS, NC

microphyllum E.Mey. = **Melolobium microphyllum**

multiflorus Burt Davy = **D. pilosus**

patens E.Mey. = **D. gracilis**

pilosus Conrath ex Schinz

D. multiflorus Burt Davy (2)

D. pilosus Conrath ex Schinz var. *multiflorus* Burt Davy (2)

D. pilosus Kensit (2)

Perennial. Dwarf shrub, herb. Ht 0.2–1 m. Alt 1281–2255 m. G, M

pilosus Conrath ex Schinz var. *multiflorus* Burt Davy = **D. pilosus**

pilosus Kensit = **D. pilosus**

reflexus (N.E.Br.) A.L.Schutte

Perennial. Dwarf shrub, herb. Ht 0.2–1 m. Alt 5–2715 m. M, S, KZN, EC

strictus E.Mey.

Perennial. Shrub, dwarf shrub, herb. Ht 0.5–2 m. Alt 655–2590 m. G, M, FS, KZN, L, EC

DICHROSTACHYS (A.DC.) 3452000 Wight & Arn.

Compiled by H.F. Glen

(1) Verdoorn. 1943. *The Flowering Plants of South Africa* 23: t. 894.

(2) Brenan & Brummitt. 1965. *Boletim da Sociedade Broteriana* 39: 61–115.

(3) Ross. 1974. *Bothalia* 11: 265–268.

(4) Ross. 1975. *FSA* 16,1: 123–129.

caffra Meisn. ex Benth. = **D. cinerea** subsp. **africana** var. **africana**

cinerea (L.) Wight & Arn. subsp. **africana** Brenan & Brummitt var. **africana**

Acacia engleri Schinz (4)

Acacia spinosa E.Mey. (4)

Cailliea dichrostachys Guill. & Perr. (4)

Cailliea dichrostachys Guill. & Perr. var. *leptostachys* (DC.) Guill. & Perr. (4)

Desmanthus leptostachys DC. (4)

Desmanthus nutans (Pers.) DC. (4)

Desmanthus trichostachys DC. (4)

D. caffra Meisn. ex Benth. (4)

D. lugardiae N.E.Br. (4)

D. nutans (Pers.) Benth. (4)

Perennial. Tree, shrub. Ht 1–15 m. Alt 0–1550 m. N, B, LIM, NW, G, M, S, FS, KZN

cinerea (L.) Wight & Arn. subsp. **africana** Brenan & Brummitt var. **pubescens** Brenan & Brummitt

Perennial. Tree, shrub. Ht 1.5–3 m. Alt 150–500 m. LIM, M, S

cinerea (L.) Wight & Arn. subsp. **africana** Brenan & Brummitt var. **setulosa** (Welw. ex Oliv.) Brenan & Brummitt

Acacia kalachariensis Schinz (4)

D. nutans (Pers.) Benth. var. *setulosa* Welw. ex Oliv. (4)

Perennial. Tree, shrub. Ht 0.6–4.5 m. Alt 400–1600 m. N, B, LIM, NW, G, M, NC

cinerea (L.) Wight & Arn. subsp. **nyassana** (Taub.) Brenan

D. glomerata (Forssk.) Chiov. subsp. *nyassana* (Taub.) Brenan (4)
D. major Sim (4)
D. nyassana Taub. (4)
 Perennial. Tree, shrub. Ht 0.5–6 m. Alt 0–1400 m. B,
 LIM, G, M, S, KZN, EC

glomerata (Forssk.) Chiov. subsp. *nyassana* (Taub.) Brenan
 = **D. cinerea** subsp. *nyassana*

lugardiae N.E.Br. = **D. cinerea** subsp. *africana* var.
africana

major Sim = **D. cinerea** subsp. *nyassana*

nutans (Pers.) Benth. = **D. cinerea** subsp. *africana* var.
africana

nutans (Pers.) Benth. var. *setulosa* Welw. ex Oliv. = **D.**
cinerea subsp. *africana* var. *setulosa*

nyassana Taub. = **D. cinerea** subsp. *nyassana*

DIPHACA L. 3792010

discolor (Vatke) Chiov. = **Ormocarpum kirkii**

kirkii (S.Moore) Taub. = **Ormocarpum kirkii**

trichocarpa Taub. = **Ormocarpum trichocarpum**

DIPOGON Liebm. 3909010

Compiled by T. Nkonki

- (1) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 402.
 (2) Verdcourt. 1970. *Kew Bulletin* 24,3: 406.

lignosus (L.) Verdc.

Dolichos gibbosus Thunb. (2)

Dolichos lignosus L. (2)

Perennial. Herb, climber. Ht 0.01–3.65 m. Alt 5–1675
 m. G, M, KZN, NC, WC, EC

DOLICHOS L. 3910000

Compiled by T. Nkonki

- (1) Bolus. 1906. *Transactions of South African Royal Philosophical
 Society* 16: 383.
 (2) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 402.
 (3) Bolus. 1947. *The Flowering Plants of Africa* 26: t. 1028.
 (4) Verdcourt. 1970. *Kew Bulletin* 24,3: 411.
 (5) Verdcourt. 1971. *FTEA Leguminosae* 4: 674–696.
 (6) Hilliard & Burt. 1988. *Notes from the Royal Botanic Garden
 Edinburgh* 45,1: 83, 84.

andongensis Baker = **D. trilobus** subsp. *trilobus* var.
trilobus

angustifolius Eckl. & Zeyh.

Perennial. Herb. Ht 0.15–0.5 m. Alt 1220–2030 m.
 LIM, NW, G, M, FS, KZN, L, WC, EC

angustissimus E.Mey.

Perennial. Herb. Ht ?–0.5 m. Alt 1220–1936 m. N,
 NW, G, M, FS, KZN, EC

axillaris E.Mey. = **Macrotyloma axillare** var. *axillare*

brachypus Engl. = **Neorautanenia amboensis**

daltonii Webb = **Macrotyloma daltonii**

decumbens Thunb.

Perennial. Herb, climber. Ht 0.2–2 m. Alt 15–1380 m.
 NC, WC, EC

ensiformis L. = **Canavalia ensiformis**

falcatus Willd. = **D. trilobus** subsp. *trilobus* var. *trilobus*

falciformis E.Mey.

Perennial. Herb. Ht 0.06–1.2 m. Alt 60–2135 m. LIM,
 NW, G, M, S, KZN, WC, EC

ficifolius (Benth.) Harms = **Neorautanenia ficifolius**

galpinii Burt Davy = **Decorsea galpinii**

gibbosus Thunb. = **Dipogon lignosus**

gladiatus Jacq. = **Canavalia gladiata** var. *gladiata*

hastaeformis E.Mey.

Perennial, occ. annual. Herb. Ht 0.3–0.5 m. Alt 30–702
 m. WC, EC

hirsutus Thunb. = **Pueraria lobata** var. *lobata*

hirtus Andrews = **Rhynchosia hirta**

junodii (Harms) Verdc.

Vigna junodii Harms (4)

Perennial. Herb. Ht? Alt 900–1524 m. N, B, LIM, M,
 KZN

lablab L. = **Lablab purpureus** subsp. *purpureus*

lignosus L. = **Dipogon lignosus**

linearis E.Mey.

Perennial. Herb, climber. Ht ?–0.5 m. Alt 152–1921
 m. LIM, G, FS, KZN, L, EC

longistipellatus Harms = **Macrotyloma rupestre**

maritimus Aubl. = **Canavalia rosea**

minimus L. = **Rhynchosia minima** var. *minima*

peglerae L.Bolus

Perennial. Herb, climber. Ht? Alt 40–1464 m. KZN,
 EC

pratensis (E.Mey.) Taub.

Perennial. Herb, climber. Ht 0.3–1.5 m. Alt 1030–
 1830 m. LIM, NW, G, FS, L

pruriens L. = **Mucuna pruriens** var. *pruriens*

pseudodebilis Harms

Perennial. Herb. Ht? Alt? N

purpureus L. = **Lablab purpureus** subsp. *purpureus*

reticulatus Schltr. = **Vigna nervosa**

roseus Sw. = **Canavalia rosea**

rupestris Baker = **Macrotyloma rupestre**

schlechteri Harms ex Burt Davy = **Decorsea schlech-**
teri

sericeus E.Mey. subsp. *sericeus*

Rhynchosia sphaerocephala Baker (5)

Perennial. Herb, climber. Ht ?–1.2 m. Alt 5–1891 m.
 M, S, KZN, L, EC

sinensis L. = **Vigna unguiculata** subsp. *unguiculata*

taubertii Baker f. = **Macrotyloma maranguense**

trilobus L. subsp. *transvaalicus* Verdc.

Perennial. Herb, climber. Ht ?–0.6 m. Alt 320–1850
 m. N, LIM, NW, G, M, S, KZN

trilobus L. subsp. *trilobus* var. *trilobus*

D. andongensis Baker (5)

D. falcatus Willd. (5)

Perennial. Herb, climber. Ht? Alt? KZN

uncinatus Schweinf. = **Lablab purpureus** subsp. *unci-*
natus

unguiculatus L. = **Vigna unguiculata** subsp. *unguicu-*
lata

venulosus Hiern = **Rhynchosia venulosa**

virosus Roxb. = **Canavalia virosa**

DUMASIA DC. 3861000

Compiled by T. Nkonki

(1) Gillett *et al.* 1971. *FTEA Leguminosae* 4: 513–515.**villosa DC. var. villosa**Perennial. Herb, climber. Ht 1.5–3 m. Alt 55–1830 m.
LIM, NW, M, S, KZN, EC**ELEPHANTORRHIZA Benth.** 3467000

Compiled by H.F. Glen

(1) Ross. 1975. *FSA* 16,1: 138–150.(2) Ross. 1982. *The Flowering Plants of Africa* 47: t. 1859.**burchellii** Benth. = **E. elephantina****burkei** Benth.*E. elephantina* (Burch.) Skeels var. *burkei* (Benth.) Merr. (1)Perennial. Tree, shrub. Ht 0.3–10 m. Alt 350–1500 m.
B, LIM, NW, G, M**dinteri** E. Phillips = **E. elephantina****elephantina** (Burch.) Skeels*Acacia elephantina* Burch. (1)*Acacia elephantorrhiza* DC. (1)*E. burchellii* Benth. (1)*E. dinteri* E. Phillips (1)*Prosopis elephantina* (Burch.) E. Mey. (1)*Prosopis elephantorrhiza* (DC.) Spreng. (1)Annual, occ. perennial. Shrub, dwarf shrub, suffrutex.
Ht 0.2–2 m. Alt 250–1800 m. N, B, LIM, NW,
G, M, S, FS, KZN, L, NC, EC*elephantina* (Burch.) Skeels var. *burkei* (Benth.) Merr. =
E. burkei**goetzei** (Harms) Harms subsp. **goetzei***E. rubescens* Gibbs (1)Perennial. Tree, shrub. Ht 0.5–7 m. Alt 200–1450 m.
N, B, LIM, M**obliqua** Burtt Davy var. **glabra** E. Phillips*E. transvaalensis* E. Phillips (1)Annual, occ. perennial. Dwarf shrub. Ht 0.2–0.3 m.
Alt 1000–1580 m. LIM, NW, M**obliqua** Burtt Davy var. **obliqua**Annual, occ. perennial. Dwarf shrub. Ht 0.2–0.3 m.
Alt 1700–1850 m. M**praetermissa** J.H. RossPerennial. Shrub. Ht 1–2 m. Alt 1050–1220 m. LIM,
M*pubescens* E. Phillips = **E. woodii** var. **pubescens****rangei** Harms

Perennial. Shrub. Ht up to 4 m. Alt 850–1800 m. N

rubescens Gibbs = **E. goetzei** subsp. **goetzei****schinziana** Dinter

Perennial. Shrub. Ht 1–3 m. Alt 1200–1450 m. N

suffruticosa SchinzPerennial. Tree, shrub. Ht 1.5–5 m. Alt 400–1850 m.
N*transvaalensis* E. Phillips = **E. obliqua** var. **glabra****woodii** E. Phillips var. **pubescens** E. Phillips*E. pubescens* E. Phillips (1)Annual, occ. perennial. Dwarf shrub. Ht up to 0.6 m.
Alt 1000–1850 m. KZN, L**woodii** E. Phillips var. **woodii**Annual, occ. perennial. Dwarf shrub. Ht up to 0.6 m.
Alt 900–1200 m. M, KZN**ENTADA Adans.** 3468000

Compiled by T. Nkonki

(1) Ross. 1975. *FSA* 16,1: 150–155.(2) Panigrahi. 1985. *Taxon* 34: 714.**arenaria** Schinz subsp. **arenaria***E. nana* Harms (1)Annual, occ. perennial. Dwarf shrub. Ht 0.4–1.25 m.
Alt 305–1220 m. N, B*flexuosa* Hutch. & Dalziel = **E. wahlbergii***gogo* (Blanco) I.M. Johnst. = **E. rheedii***monostachya* DC. = **E. rheedii***nana* Harms = **E. arenaria** subsp. **arenaria***natalensis* Benth. var. *aculeata* Harv. = **Adenopodia**
spicata*pursaetha* DC. = **E. rheedii****rheedii** Spreng.*Adenanthera gogo* Blanco (1)*E. gogo* (Blanco) I.M. Johnst. (1)*E. monostachya* DC. (1)*E. pursaetha* DC. (2)

Perennial. Climber. Ht 2–75 m. Alt 3–20 m. KZN

spicata (E. Mey.) Druce = **Adenopodia spicata****wahlbergii** Harv.*E. flexuosa* Hutch. & Dalziel (1)*Entadopsis flexuosa* (Hutch. & Dalziel) G.C.C. Gilbert & Boutique (1)*Entadopsis wahlbergii* (Harv.) Pedro (1)*Pusaetha wahlbergii* (Harv.) Kuntze (1)Perennial. Climber. Ht 3–10 m. Alt 90–1400 m. S,
KZN**ENTADOPSIS Britton** 3468010*flexuosa* (Hutch. & Dalziel) G.C.C. Gilbert & Boutique
= **Entada wahlbergii***wahlbergii* (Harv.) Pedro = **Entada wahlbergii****EPISTEMUM Walp.** 3644020*ferrugineum* Walp. = **Amphithalea cuneifolia****ERIOSEMA (DC.) G. Don** 3898000

Compiled by T. Nkonki

(1) Harvey & Sonder. 1862. *FC* 2: 1–285.(2) Baker. 1929. *Leguminosae of tropical Africa* 2: 505–515.(3) Hutchinson & Dalziel. 1935. *Kew Bulletin* 5: 277, 278.(4) Gillett *et al.* 1971. *FTEA Leguminosae* 4: 761–805.(5) Stirton. 1981. *Bothalia* 13: 307–315.(6) Stirton. 1984. *The Flowering Plants of Africa* 48: t. 1900.(7) Stirton. 1986. *Bothalia* 16: 11–22.(8) Lock. 1989. *Legumes of Africa*: 398–408.(9) Stirton. 1994. *Kew Bulletin* 49,3: 529–532.**acuminatum** (Eckl. & Zeyh.) C.H. Stirt.*Desmodium squarrosus* (Thunb.) DC. var. *acuminatum* Eckl. & Zeyh. (7)*E. squarrosus* (Thunb.) Walp. var. *acuminatum* (Eckl. & Zeyh.) Harv. (7)Perennial. Herb. Ht ?–0.25 m. Alt 30–2135 m. KZN,
EC**angustifolium** Burtt Davy

Perennial. Herb. Ht 0.1–1 m. Alt 152–1690 m. LIM

angustifolium Burtt Davy × **E. ellipticifolium** Schinz
(insufficiently known) (5)

Perennial. Herb. Ht? Alt? KZN

buchananii Baker f. var. **buchananii***E. richardii* Benth. ex Baker f. var. *ovatum* Staner & De Craene (3)Perennial. Dwarf shrub, herb. Ht 0.5–0.6 m. Alt 1451–
1555 m. LIM

burkei Harv. var. **burkei***E. leucanthum* Baker f. (4)

Perennial. Herb. Ht 0.2–0.6 m. Alt 915–1640 m. LIM, NW, G, M

cajanoides (Guill. & Perr.) Hook.f. = **E. psoraleoides***capitatum* E.Mey. = **Otholobium sericeum***consanguineum* Klotzsch = **E. parviflorum** subsp. **parviflorum****cordatum** E.Mey.*E. cordatum* E.Mey. var. *guenzii* (Sond.) Harv. (5)*E. guenzii* Sond. (5)

Perennial. Herb. Ht 0.05–0.6 m. Alt 0–1830 m. LIM, NW, G, M, S, FS, KZN, EC

cordatum E.Mey. var. *guenzii* (Sond.) Harv. = **E. cordatum****cordatum** E.Mey. × **E. kraussianum** Meisn.

Perennial. Herb. Ht? Alt? KZN

cordatum E.Mey. × **E. preptum** C.H.Stirt.

Perennial. Herb. Ht? Alt? KZN

cordatum E.Mey. × **E. salignum** E.Mey.

Perennial. Herb. Ht? Alt? KZN

cordatum E.Mey. × **E. squarrosus** (Thunb.) Walp.

Perennial. Herb. Ht? Alt? KZN

cryptantha Baker = **Pearsonia cajanifolia** subsp. **cryptantha****distinctum** N.E.Br.

Perennial. Herb. Ht 0.07–0.3 m. Alt 1–1575 m. LIM, M, KZN, EC

dregei E.Mey.*E. squarrosus* (Thunb.) Walp. var. *dregei* Benth. ex Harv. (7)*E. zeyheri* E.Mey. var. *dregei* (E.Mey.) Baker f. (7)*Rhynchosia dregei* (E.Mey.) Steud. (7)

Perennial. Dwarf shrub, herb. Ht ?–0.4 m. Alt 9–175 m. KZN, EC

durnfordensis C.H.Stirt.

Perennial. Herb. Ht? Alt? KZN

ellipticifolium Schinz

Perennial. Herb. Ht 0.09–0.25 m. Alt 945–2072 m. LIM, M, S, KZN

fasciculatum Schinz

Perennial. Herb. Ht? Alt? LIM

guenzii Sond. = **E. cordatum****gunniae** C.H.Stirt.

Perennial. Herb. Ht 0.08–0.5 m. Alt 1200–1830 m. LIM, M

harmsiana Dinter

Perennial. Herb. Ht 0.1–0.2 m. Alt? N

kraussianum Meisn.

Perennial. Herb. Ht 0.25–0.4 m. Alt 30–2440 m. M, FS, KZN, EC

kraussianum Meisn. × **E. squarrosus** (Thunb.) Walp.

Perennial. Herb. Ht? Alt? KZN

latifolium (Benth. ex Harv.) C.H.Stirt.*E. squarrosus* (Thunb.) Walp. var. *latifolium* Benth. ex Harv. (7)*E. zeyheri* E.Mey. var. *latifolium* Benth. ex Baker f. (7)

Perennial. Dwarf shrub, herb. Ht ?–1 m. Alt ?–915 m. KZN

leucanthum Baker f. = **E. burkei** var. **burkei****lucipetum** C.H.Stirt.

Perennial. Herb. Ht 0.1–0.8 m. Alt 4–2100 m. M, FS, KZN

lucipetum C.H.Stirt. × **E. cordatum** E.Mey.

Perennial. Herb. Ht? Alt? KZN

luteopetalum C.H.Stirt.

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 4–160 m. KZN

naviculare C.H.Stirt.

Perennial. Herb. Ht 0.5–0.6 m. Alt ?–610 m. M

nutans Schinz*E. richardii* Benth. ex Baker f. (3)

Perennial. Dwarf shrub, herb. Ht 0.3–1.5 m. Alt 1372–2074 m. LIM, G, M, S

oblongum Harv. = **E. pauciflorum** var. **pauciflorum****parviflorum** E.Mey. subsp. **parviflorum***E. consanguineum* Klotzsch (4)

Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt 2–518 m. LIM, G, EC

pauciflorum Klotzsch var. **pauciflorum***E. oblongum* Harv. (4)

Perennial. Herb. Ht 0.2–0.6 m. Alt? N, B, LIM, NW, M

pauciflorum Klotzsch × **E. salignum** E.Mey.

Perennial. Herb. Ht? Alt? G

polystachyum E.Mey. = **E. psoraleoides****populifolium** Harv. subsp. **capensis** C.H.Stirt. &

Gordon-Gray

Perennial. Herb. Ht 0.15–0.2 m. Alt ?–366 m. KZN, EC

populifolium Harv. subsp. **populifolium**

Perennial. Herb. Ht 0.1–0.25 m. Alt 610–915 m. KZN

preptum C.H.Stirt.

Perennial. Herb. Ht 0.2–0.6 m. Alt 1.5–762 m. KZN

×**provectum** C.H.Stirt.

Perennial. Herb. Ht? Alt? KZN

psoraleoides (Lam.) G.Don*Crotalaria psoraleoides* Lam. (5)*E. cajanoides* (Guill. & Perr.) Hook.f. (5)*E. polystachyum* E.Mey. (4)*Rhynchosia cajanoides* Guill. & Perr. (5)

Perennial. Shrub, dwarf shrub. Ht 0.15–2 m. Alt 6–1400 m. B, LIM, NW, M, S, KZN

psoraleoides (Lam.) G.Don × **E. salignum** E.Mey.

Perennial. Herb. Ht? Alt? KZN

richardii Benth. ex Baker f. = **E. nutans***richardii* Benth. ex Baker f. var. *ovatum* Staner & DeCraene = **E. buchananii** var. **buchananii****rossii** C.H.Stirt.

Perennial. Herb. Ht ?–0.35 m. Alt 610–1067 m. KZN, EC

rufescens Schinz

Perennial. Herb. Ht? Alt? S

salignum E.Mey.

Perennial. Herb. Ht 0.1–0.6 m. Alt 15–1769 m. LIM, NW, G, M, FS, KZN, L, EC

salignum E.Mey. × **E. cordatum** E.Mey.

Perennial. Herb. Ht? Alt? KZN

salignum E.Mey. × **E. kraussianum** Meisn.

Perennial. Herb. Ht? Alt? KZN

- salignum** E.Mey. × **E. squarrosus** (Thunb.) Walp.
Perennial. Herb. Ht? Alt? KZN
- simulans** C.H.Stirt.
Perennial. Herb. Ht? Alt? M, S, FS, KZN
- squarrosus** (Thunb.) Walp.
Crotalaria lineata Thunb. (7)
Desmodium squarrosus (Thunb.) DC. var. *acutifolium* Eckl. & Zeyh. (7)
E. zeyheri E.Mey. (7)
Hedysarum squarrosus Thunb. (7)
Perennial. Herb. Ht 0.15–0.3 m. Alt 15–1402 m. KZN, EC
- squarrosus* (Thunb.) Walp. var. *acuminatum* (Eckl. & Zeyh.) Harv. = **E. acuminatum**
- squarrosus* (Thunb.) Walp. var. *dregei* Benth. ex Harv. = **E. dregei**
- squarrosus* (Thunb.) Walp. var. *latifolium* Benth. ex Harv. = **E. latifolium**
- squarrosus** (Thunb.) Walp. × **E. cordatum** E.Mey.
Perennial. Herb. Ht? Alt? KZN
- streysi** C.H.Stirt.
Perennial. Herb. Ht ?–0.3 m. Alt? EC
- superpositum** C.H.Stirt.
Perennial. Herb. Ht? Alt 91–1769 m. KZN
- transvaalense** C.H.Stirt.
Perennial. Herb. Ht 0.1–0.4 m. Alt 829–1690 m. LIM, M
- transvaalense** C.H.Stirt. × **E. angustifolium** Burt Davy
Perennial. Herb. Ht? Alt? LIM
- umtamvunense** C.H.Stirt.
Perennial. Herb. Ht 0.2–0.7 m. Alt 396–427 m. KZN, EC
- villosum* (Meisn.) C.A.Sm. = **Rhynchosia villosa**
- × **woodii** C.H.Stirt.
Perennial. Herb. Ht? Alt? KZN
- zeyheri* E.Mey. = **E. squarrosus**
- zeyheri* E.Mey. var. *dregei* (E.Mey.) Baker f. = **E. dregei**
- zeyheri* E.Mey. var. *latifolium* Benth. ex Baker f. = **E. latifolium**
- zuluense** C.H.Stirt.
Perennial. Herb. Ht 0.1–0.12 m. Alt 305–671 m. KZN

ERYTHRINA L. 3870000

Compiled by H.F. Glen

- (1) Baker. 1871. *FTA* 2: 181–184.
- (2) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 59.
- (3) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 112.
- (4) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 203.
- (5) Dyer. 1947. *The Flowering Plants of Africa* 26: t. 1011.
- (6) Codd. 1956. *Bothalia* 6: 507–514.
- (7) Codd. 1963. *The Flowering Plants of Africa* 36: t. 1412.
- (8) Krukoff & Barneby. 1974. *Lloydia* 37: 332–459.
- (9) Hennessy. 1976. *The Flowering Plants of Africa* 43: t. 1710.
- (10) Hennessy. 1977. *The Flowering Plants of Africa* 44: t. 1737.
- (11) Codd. 1977. *The Flowering Plants of Africa* 44: t. 1738.
- (12) Hennessy. 1978. *The Flowering Plants of Africa* 44: t. 1754.
- (13) Hennessy. 1979. *The Flowering Plants of Africa* 45: t. 1786.
- (14) Hennessy. 1985. *The Flowering Plants of Africa* 48: t. 1911.
- (15) Hennessy. 1986. *Bothalia* 16: 48–51.
- (16) Hennessy. 1991. *Bothalia* 21: 1–25.

- ***abyssinica** Lam. ex DC.
E. huillensis Welw. ex Baker (8)
E. mossambicensis Sim (8)
E. suberifera Welw. ex Baker (8)
Perennial. Tree. Ht 2–15 m. Alt 950–1100 m. B

- acanthocarpa** E.Mey.
Perennial. Shrub. Ht 1–2 m. Alt 250–1500 m. EC
- baumii* in sense of Codd, misapplied name = **E. mendesii**
- caffra** Thunb.
E. constantiana Micheli (8)
E. fissa C.Presl (8)
Perennial. Tree. Ht 3–18 m. Alt 0–1500 m. KZN, EC
- caffra* Thunb. var. *mossambicensis* Baker f. = **E. lystemon**
- × **coddii** Barneby & Krukoff
Perennial. Tree. Ht 3–10 m. Alt 100–1500 m. KZN
- constantiana* Micheli = **E. caffra**
- ***crista-galli** L.
Micropteryx crista-galli (L.) Walp. (8)
Perennial. Tree. Ht 3–6 m. Alt 1000–1450 m. G, S
- decora** Harms
Perennial. Tree. Ht 1–7 m. Alt 500–1850 m. N
- × **dyeri** Hennessy
Perennial. Tree. Ht 3–15 m. Alt 150–600 m. KZN, EC
- fissa* C.Presl = **E. caffra**
- gibbsae* Baker f. = **E. latissima**
- × **hennessyae** Barneby & Krukoff
Perennial. Shrub. Ht up to 3 m. Alt 1250–1500 m. LIM, NW
- huillensis* Welw. ex Baker = **E. abyssinica**
- humeana** Spreng.
E. humei E.Mey. (8)
E. humei E.Mey. var. *raja* (Meisn.) Harv. (8)
E. princeps A.Dietr. (16)
Perennial. Tree, shrub. Ht 0.5–4 m. Alt 0–1700 m. LIM, M, S, KZN, L, EC
- humei* E.Mey. = **E. humeana**
- humei* E.Mey. var. *raja* (Meisn.) Harv. = **E. humeana**
- × **johnsoniae** Hennessy
E. latissima E.Mey. × *E. caffra* Thunb. (16)
Perennial. Tree. Ht 5–14 m. Alt 0–250 m. KZN, EC
- latissima** E.Mey.
E. gibbsae Baker f. (8)
E. sandersoni Harv. (8)
Perennial. Tree. Ht 3–12 m. Alt 150–1550 m. LIM, M, S, KZN, EC
- latissima* E.Mey. × *E. caffra* Thunb. = **E. ×johnsoniae**
- lysystemon** Hutch.
E. caffra Thunb. var. *mossambicensis* Baker f. (8)
Perennial. Tree. Ht 1.8–10 m. Alt 0–1800 m. B, LIM, NW, G, M, S, KZN, EC
- mendesii** Torre
E. baumii in sense of Codd, misapplied name (16)
Perennial. Shrub, dwarf shrub. Ht 0.3–0.7 m. Alt 850–1000 m. N, B
- mossambicensis* Sim = **E. abyssinica**
- princeps* A.Dietr. = **E. humeana**
- sandersoni* Harv. = **E. latissima**
- suberifera* Welw. ex Baker = **E. abyssinica**
- zeyheri** Harv.
Perennial. Shrub, dwarf shrub. Ht 0.3–0.5 m. Alt 300–2050 m. NW, G, M, FS, KZN, L, NC

ERYTHROPHLEUM Afzel. 3471000
ex G. Don

Compiled by H.F. Glen

(1) Ross. 1977. *FSA* 16,2: 10–13.**africanum** (Welw. ex Benth.) Harms*Caesalpinioides africanum* (Welw. ex Benth.) Kuntze (1)*E. africanum* (Welw. ex Benth.) Harms var. *stenocarpum* Harms (1)*E. pubistamineum* Henn. (1)*E. pubistamineum* Henn. var. *parvifolium* Schinz (1)*Gleditsia africana* Welw. ex Benth. (1)Perennial. Tree. Ht 4.5–15 m. Alt 900–1400 m. N, B
africanum (Welw. ex Benth.) Harms var. *stenocarpum*
Harms = **E. africanum***guineense* G. Don var. *swaziense* Burt Davy = **E. lasian-**
thum**lasianthum** Corbishley*E. guineense* G. Don var. *swaziense* Burt Davy (1)*E. suaveolens* in sense of Compton, misapplied name (1)

Perennial. Tree. Ht 5–23 m. Alt 20–600 m. S, KZN

pubistamineum Henn. = **E. africanum***pubistamineum* Henn. var. *parvifolium* Schinz = **E. afri-**
canum*suaveolens* in sense of Compton, misapplied name = **E.**
lasianthum**FAGELIA** Neck. 3893000*bituminosa* (L.) DC., rejected name = **Bolusafr** **bitu-**
minosa*resinosa* A. Rich. = **Rhynchosia resinosa****FAIDHERBIA** A. Chev. 3446010

Compiled by T. Nkonki

(1) Chevalier. 1934. *Revue de Botanique Appliquée et d'Agriculture*
Tropicale 14: 876.(2) Ross. 1975. *FSA* 16,1: 44–46.(3) Vassal. 1981. In Polhill & Raven, *Advances in Legume*
Systematics 1: 169–171.**albida** (Delile) A. Chev.*Acacia albida* Delile (1)*Acacia mossambicensis* Bolle (2)Perennial. Tree. Ht 3–30 m. Alt 6–1220 m. N, B, LIM,
M, KZN**FLEMINGIA** Roxb. ex W.T. Aiton 3899000

Compiled by T. Nkonki

(1) Verdcourt. 1971. *FTEA* Leguminosae, Part 4: 805.**grahamiana** Wight & Arn.

Perennial. Shrub, herb. Ht 0.9–2 m. Alt 701–1601 m.

LIM, M, S, KZN

macrocalyx Baker f. = **Rhynchosia clivorum** var. **clivo-**
rum**GALACTIA** P. Browne 3882000

Compiled by T. Nkonki

(1) Verdcourt. 1971. *FTEA* Leguminosae, Part 4: 578.**tenuiflora** (Willd.) Wight & Arn. var. **villosa** (Wight &
Arn.) Benth.Perennial. Herb, prostrate or climbing, or shrub. Ht
0.6–1.4 m. Alt 15–1525 m. M, S, KZN**GALEGA** L. 3715000*colutea* Burm. f. = **Indigofera colutea** var. **colutea***genistoides* Thunb. = **Cyclopia genistoides** var. **genis-**
toides*genistoides* Thunb. var. β = **Cyclopia galioides***grandiflora* Aiton = **Tephrosia grandiflora***lupinifolia* Burch. = **Tephrosia lupinifolia***pallens* Aiton = **Tephrosia capensis** var. **capensis***ternata* Thunb. = **Aspalathus ternata****GENISTA** L. 3675000

Compiled by H.F. Glen

(1) Greuter *et al.* 1989. *MedChecklist* 4: 98.(2) Anon. 2002. ILDIS LegumeWeb. <http://biodiversity.soton.ac.uk/LegumeWeb> accessed on 29-01-2002.*buxifolia* Burm. f. = **Cyclopia buxifolia***connata* (Harv.) Briq. = **Polhillia connata***involutrata* (Thunb.) Briq. = **Polhillia involutrata*****monspessulana** (L.) L.A.S. Johnson*Cytisus candicans* (L.) Lam. (2)

Perennial. Shrub. Ht 1–3 m. Alt 100–250 m. WC

***GLEDITSIA** L. 3544000

Compiled by T. Nkonki

(1) King. 1995. *European garden flora* 4: 471.(2) Henderson. 2001. *Alien weeds and invasive plants*: 117.*africana* Welw. ex Benth. = **Erythrophleum africanum**
triacanthos L.

Perennial. Tree, shrub. Ht 3–5.5 m. Alt 0–1500 m.

LIM, NW, G, M, FS, KZN, NC, WC, EC

GLYCINE L. 3864000*argentea* Thunb. = **Rhynchosia argentea***bituminosa* L. = **Bolusafr** **bituminosa***caribaea* Jacq. = **Rhynchosia caribaea***debilis* Aiton = **Teramnus labialis** subsp. **labialis***javanica* L. subsp. *javanica* = **Neonotonia wightii***javanica* L. subsp. *micrantha* (Hochst. & A. Rich.) F.J. Herm.
= **Neonotonia wightii***labialis* L. f. = **Teramnus labialis** subsp. **labialis***maranguensis* Taub. = **Macrotyloma maranguense***sublobata* Schumach. = **Rhynchosia sublobata***totta* Thunb. = **Rhynchosia totta** var. **totta***wightii* (Wight & Arn.) Verdc. subsp. *wightii* var. *longi-*
cauda (Schweinf.) Verdc. = **Neonotonia wightii*****GLYCYRRHIZA** L. 3769000

Compiled by T. Nkonki

(1) Ball. 1968. *Flora europaea* 2: 127.(2) Cullen. 1995. *European garden flora* 4: 510.**glabra** L.*G. glandulifera* Waldst. & Kit. (1)Perennial. Herb. Ht 0.5–1 m. Alt 150–1200 m. WC,
EC*glandulifera* Waldst. & Kit. = **G. glabra****GOMPHOLOBIUM** Smith 3628000*maculatum* Andrews = **Cyclopia maculata****GORSKIA** Bolle 3490050*conjugata* Bolle = **Guibourtia conjugata**

- GUAJACUM L.** 3506020
afrum L. = **Schotia afra** var. **afra**
- GUIBOURTIA** Benn. 3490020
Compiled by H.F. Glen
(1) Ross. 1977. *FSA* 16,2: 19–23.
coleosperma (Benth.) J.Léonard
Copaiba coleosperma (Benth.) Kuntze (1)
Copaifera coleosperma Benth. (1)
Copaiva coleosperma (Benth.) Britton (1)
Perennial. Tree. Ht 4–20 m. Alt 900–1100 m. N, B
- conjugata** (Bolle) J.Léonard
Copaiba conjugata (Bolle) Kuntze (1)
Copaifera conjugata (Bolle) Milne-Redh. (1)
Copaifera gorskia Schinz (1)
Copaifera gorskiana Benth. (1)
Gorskia conjugata Bolle (1)
Perennial. Tree. Ht 2.5–12 m. Alt 320–520 m. LIM
- GUILANDINA L.** 3559020
bonduc L. = **Caesalpinia bonduc**
- HAEMATOKYLUM L.** 3552000
Compiled by T. Nkonki
(1) Ross. 1977. *FSA* 16,2: 112–114.
africanum Stephens = **H. dinteri**
dinteri (Harms) Harms
Caesalpinia dinteri Harms (1)
Caesalpinia obovata Schinz (1)
H. africanum Stephens (1)
Perennial. Shrub. Ht 1–2 m. Alt 750–1300 m. N
- HALLIA** Thunb. 3819000
alata Thunb. = **Psoralea alata**
asarina (P.J.Bergius) Thunb. = **Psoralea asarina**
cordata (L.) Thunb. = **Psoralea monophylla**
filiformis Harv. = **Psoralea cataracta**
flaccida Thunb. = **Psoralea planta**
imbricata (L.) Thunb. = **Psoralea imbricata**
virgata Thunb. = **Psoralea laxa**
- HEDYSARUM L.** 3778000
canum J.F.Gmel. = **Desmodium incanum**
capense Burm.f. = **Wiborgia obcordata**
gangeticum L. = **Desmodium gangeticum**
incanum Sw. = **Desmodium incanum**
lasiocarpum P.Beauv. = **Desmodium velutinum**
maculatum L. = **Desmodium gangeticum**
nummulariifolium L. = **Indigofera nummulariifolia**
racemosum Aubl. = **Desmodium incanum**
repandum Vahl = **Desmodium repandum**
salicifolium Poir. = **Desmodium salicifolium** var. **salicifolium**
squarrosus Thunb. = **Eriosema squarrosus**
tortuosum Sw. = **Desmodium tortuosum**
vaginale L. = **Alysicarpus vaginalis** var. **vaginalis**
velutinum Willd. = **Desmodium velutinum**
- HETEROLATHUS** C.Presl 3662030
involutrata (E.Mey.) C.Presl = **Aspalathus fasciculata**
polycephala (E.Mey.) C.Presl = **Aspalathus polycephala** subsp. **polycephala**
suaveolens (Eckl. & Zeyh.) C.Presl = **Aspalathus suaveolens**
- HOFFMANNSEGGIA** Cav. 3557000
Compiled by T. Nkonki
(1) Ross. 1977. *FSA* 16,2: 117–122.
burchellii (DC.) Benth. ex Oliv. subsp. **burchellii**
Caesalpinia melanosticta Spreng. (1)
Melanosticta burchellii DC. (1)
Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 850–1350 m. N, B, NW, NC
- burchellii** (DC.) Benth. ex Oliv. subsp. **rubro-violacea** (Baker f.) Brummitt & J.H.Ross
H. rubro-violacea Baker f. (1)
Perennial. Dwarf shrub, herb. Ht 0.3–0.5 m. Alt 800–1350 m. B, LIM, NW
- lactea** (Schinz) Schinz
H. pearsonii E.Phillips (1)
H. sandersonii (Harv.) Engl. var. *lactea* Schinz (1)
Perennial. Shrub. Ht 0.3–0.5 m. Alt 600–1450 m. N, B, NW, NC
- pearsonii* E.Phillips = **H. lactea**
rubra Engl. = **Caesalpinia rubra**
rubro-violacea Baker f. = **H. burchellii** subsp. **rubro-violacea**
- sandersonii** (Harv.) Engl.
Melanosticta sandersonii Harv. (1)
Annual, occ. perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 600–2000 m. KZN, EC
- sandersonii* (Harv.) Engl. var. *lactea* Schinz = **H. lactea**
- HYPOCALYPTUS** Thunb. 3683000
Compiled by T. Nkonki
(1) Dahlgren. 1972. *Botaniska Notiser* 125: 102–125.
capensis (L.) Thunb. = **Virgilia oroboides** subsp. **oroboides**
- coluteoides** (Lam.) R.Dahlgren
Crotalaria coluteoides Lam. (1)
Crotalaria purpurea Vent. (1)
Perennial. Shrub. Ht 1.5–3 m. Alt 50–1150 m. WC, EC
- obcordatus* Thunb. = **H. sophoroides**
- oxalidifolius** (Sims) Baill.
Loddigesia oxalidifolia Sims (1)
Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 50–1000 m. WC, EC
- sophoroides** (P.J.Bergius) Baill.
Crotalaria cordifolia L. (1)
H. obcordatus Thunb. (1)
Spartium sophoroides P.J.Bergius (1)
Perennial. Shrub. Ht 1–4 m. Alt 200–1350 m. WC
- IBBETSONIA** Sims 3620010
genistoides Sims = **Cyclopia genistoides** var. **genistoides**

INDIGASTRUM Jaub. & Spach 3702030

Compiled by T. Nkonki & N. Swelankomo

- (1) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 939.
 (2) Gillett. 1958. *Kew Bulletin* Add. Ser. 1: 8.
 (3) Schrire. 1992. *Bothalia* 22: 165–170.
 (4) Schrire. 1995. *Advances in Legume Systematics* 7: 161–224.

argyraeum (Eckl. & Zeyh.) Schrire

Indigofera argyraea Eckl. & Zeyh. (3)
Indigofera burchellii E.Mey. var. *multifolia* E.Mey. (3)
Indigofera burchellii E.Mey. var. *paucifolia* E.Mey. (3)
Indigofera collina Eckl. & Zeyh. (3)
Indigofera nivea Willd. ex Spreng. (4)

Perennial. Herb. Ht up to 0.05 m. Alt 90–1770 m. N, NW, FS, KZN, NC, EC

argyroides (E.Mey.) Schrire

Indigofera argyroides E.Mey. (3)
Indigofera engleri Baker f. (3)
Indigofera saxicola Engl. (3)

Annual. Herb. Ht 0.02–0.5 m. Alt 155–915 m. N, NC, EC

burkeanum (Benth. ex Harv.) Schrire

Indigofera burkeana Benth. ex Harv. in part 'Transvaal' specimens (3)
 Perennial. Herb. Ht 0.1–0.7 m. Alt 1372–1800 m. LIM, NW, G, M, FS, KZN

candidissimum (Dinter) Schrire

Indigofera candidissima Dinter (3)

Perennial. Herb. Ht up to 0.15 m. Alt up to 1480 m. N, LIM

costatum (Guill. & Perr.) Schrire subsp. **macrum** (E.Mey.) Schrire

Indigofera costata Guill. & Perr. subsp. *macra* (E.Mey.) J.B.Gillett (3)
Indigofera macra E.Mey. (3)

Annual. Herb. Ht 0.1–0.7 m. Alt 45–1675 m. N, B, LIM, NW, G, M, FS, KZN

costatum (Guill. & Perr.) Schrire subsp. **theuschii** (O.Hoffm.) Schrire (insufficiently known)

Indigofera affinis Harv. (3)
Indigofera burkeana in sense of J.B.Gillett in part excl. 'Transvaal' specimens, misapplied name (3)
Indigofera costata Guill. & Perr. subsp. *theuschii* (O.Hoffm.) J.B.Gillett (3)
Indigofera gonioides Hochst. ex Baker var. *damarensis* Baker f. (3)

Annual. Herb. Ht up to 0.6 m. Alt? N, B, 'CP'

fastigiatum (E.Mey.) Schrire

Indigofera fastigiata E.Mey. (3)
Indigofera fastigiata E.Mey. var. *angustata* Harv. (3)
Indigofera rostrata Conrath (3)

Perennial. Herb. Ht 0.2–0.8 m. Alt 60–3500 m. LIM, NW, M, S, FS, KZN, L, EC

guerranum (Torre) Schrire

Indigofera guerrana Torre (3)
 Annual. Herb. Ht up to 0.2 m. Alt? N

parviflorum (B.Heyne ex Wight & Arn.) Schrire subsp. **occidentalis** (J.B.Gillett) Schrire

Indigofera parviflora B.Heyne ex Wight & Arn. var. *occidentalis* J.B.Gillett (3)

Annual. Herb. Ht up to 0.4 m. Alt? N

parviflorum (B.Heyne ex Wight & Arn.) Schrire subsp. **parviflorum** var. **parviflorum**

Indigofera deflexa Hochst. ex A.Rich. (3)
Indigofera parviflora B.Heyne ex Wight & Arn. var. *parviflora* (3)
 Annual. Herb. Ht 0.15–5 m. Alt 915–1850 m. N, B, LIM, NW, G, M, FS, KZN, NC, WC

INDIGOFERA L. 3702000

Compiled by T. Nkonki & N. Swelankomo

- (1) Linnaeus. 1753. *Species plantarum* edn 1, 2: 751.
 (2) Gaertner. 1791. *De fructibus et seminibus plantarum* 2: 317, 318.

- (3) Richard. 1847. *Tentamen florae abyssinicae* 1: 178–185.
 (4) Harvey & Sonder. 1862. *FC* 2: 163–203.
 (5) Baker. 1871. *FTA* 2: 65–103.
 (6) Baker. 1877. *Journal of Linnean Society of Botany* 15: 92, 93.
 (7) Vatke. 1879. *Österreichische Botanische Zeitschrift* 29: 221.
 (8) Baker. 1887. *Journal of Linnean Society of Botany* 22: 463, 464.
 (9) Schinz. 1889. *Verhandlungen des Botanischen Vereins der Provinz Brandenburg* 30: 162.
 (10) Baker. 1897. *Kew Bulletin* Nos 128,129: 254–257.
 (11) De Wildeman & Durand. 1901. *Annales du Musée r. du Congo Belge* sér. 3–1: 60.
 (12) Baker. 1903. *Journal of Botany, London* 41: 323–334.
 (13) Warburg. 1903. *Kunene-Sambesi Expedition* 257, 258.
 (14) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 381, 382.
 (15) Stockholm. 1914. *Wissenschaftliche Ergebnisse der Schwedischen Rhodesia-Kongo-Expedition*. 1: 79.
 (16) Baker & Martin. 1923. *Bulletin du Jardin Botanique de État à Bruxelles* 8: 154.
 (17) Johnston. 1924. *Contributions from the Gray Herbarium of Harvard University* 73: 35.
 (18) Brown. 1925. *Kew Bulletin* 1925: 142–159.
 (19) Baker. 1926. *Leguminosae of tropical Africa* 1: 95–166.
 (20) Baker. 1935. *Journal of Botany, London* 73: 78.
 (21) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 939.
 (22) Van Druten. 1957. *The Flowering Plants of Africa* 32: t. 1247.
 (23) Gillett. 1958. *Kew Bulletin Additional Series* 1: 67, 68.
 (24) Gillett. 1967. *Hooker's Icones Plantarum*. 37: t. 3625.
 (25) Gillett. 1970. *Kew Bulletin* 24,3: 465–505.
 (26) Merxmüller. 1970. *FSWA* 60: 38–62.
 (27) Gillett *et al.* 1971. *FTEA Leguminosae* 3,1: 21.
 (28) Ross 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 200.
 (29) Gonçalves. 1981. *Garcia de Orto* 5: 90.
 (30) Hilliard & Burt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43,2: 207–210.
 (31) Jarvie & Stirton. 1986. *Bothalia* 16: 230, 231.
 (32) Germishuizen. 1987. *Bothalia* 17: 33, 34.
 (33) Jarvie & Stirton. 1987. *Bothalia* 17: 1–6.
 (34) Schrire. 1991. *Systematic studies in African Indigoferaeae (Leguminosae-Papilionoideae)*. Unpublished Ph.D. thesis, University of Natal.
 (35) Phillipson. 1992. *South African Journal of Botany* 58,3: 129–132.
 (36) Du Puy *et al.* 1993. *Kew Bulletin* 48,4: 727–733.
 (37) Germishuizen & Condy. 1997. *Flowering Plants of Africa* 55: 60–63, t. 2131.
 (38) Schrire. 1997. *Curtis's Botanical Magazine* 14,4: 213–220.
 (39) Schrire. 1998. *Kew Bulletin* 53,3: 651–668.

acanthoclada Dinter

I. longispina Baker f. ex J.B.Gillett (34)
 Perennial. Shrub. Ht 0.5–1 m. Alt? N

acanthorhachis Dinter = **Lessertia acanthorhachis**

accepta N.E.Br. = **I. setiflora**

acutifolia Schinz = **Microcharis disjuncta** var. **disjuncta**

acutisepala Conrath ex Baker f. = **I. zeyheri**

adenocarpa E.Mey.

Perennial. Shrub. Ht 0.5–1 m. Alt ?–1740 m. N

adenoides Baker f.

Perennial. Shrub, dwarf shrub, herb, creeper. Ht 0.05–1.2 m. Alt 885–1700 m. N, B, LIM, NW, G, M, KZN

adonensis E.Mey. = **I. poliotes**

adscendens Eckl. & Zeyh. = **I. heterophylla**

aeruginis Schweinf. = **I. trigonelloides**

affinis Harv. = **Indigastrum costatum** subsp. **theuschii**

alopecuroides (Burm.f.) DC. var. **alopecuroides**

I. coriacea Aiton var. *alopecuroides* (Burm.f.) Harv. (34)
 Perennial. Shrub, herb, creeper. Ht 0.15–0.91 m. Alt 30–610 m. NC, WC, EC

alopecuroides (Burm.f.) DC. var. *minor* Eckl. & Zeyh. =

I. alopecuroides var. **minor**

alopecuroides (Burm.f.) DC. var. **minor** E.Mey.

I. alopecuroides (Burm.f.) DC. var. *minor* Eckl. & Zeyh. (34)

I. coriacea Aiton var. *minor* (E.Mey.) Harv. (34)

I. mauritanica (L.) Thunb. var. *minor* E.Mey. (34)

I. microphylla Lam. (34)

Perennial. Dwarf shrub, herb, creeper. Ht 0.15–6 m.

Alt 153–1555 m. WC, EC

alopecuroides E.Mey., not of DC. = **I. candolleana**

alopecurus Schltr. = **I. foliosa**

alpina Eckl. & Zeyh.

I. stipularis Link (34)

Perennial. Herb. Ht ?–0.2 m. Alt 610–1824 m. WC, EC

alternans DC. var. **alternans**

I. effusa E.Mey. (23)

I. enneaphylla Eckl. & Zeyh., not of L. (34)

Perennial. Herb. Ht 0.01–2 m. Alt 155–1600 m. N, B,

LIM, NW, G, FS, NC, WC, EC

amitina N.E.Br.

Perennial. Shrub, dwarf shrub. Ht 0.6–2 m. Alt 915–

1335 m. M, S

amoena Aiton

Perennial. Shrub, herb, climber. Ht 0.1–1.5 m. Alt 122–

570 m. NC, WC

amorphoides Jaub. & Spach

Perennial. Herb. Ht up to 1 m. Alt? N

anabibensis A.Schreib.

Annual. Herb. Ht ?–0.05 m. Alt? N

angustata E.Mey.

I. stenophylla Eckl. & Zeyh. (34)

I. zeyheri Spreng. ex Eckl. & Zeyh. var. *trifoliolata* Eckl. & Zeyh. (34)

Perennial. Shrub, dwarf shrub. Ht ?–1.83 m. Alt 305–

700 m. EC

angustifolia Curtis, not of L. = **I. verrucosa**

angustifolia L. var. **angustifolia**

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 30–1415 m.

WC

angustifolia L. var. *brachystachya* DC. = **I. brachystachya**

angustifolia L. var. **tenuifolia** (Lam.) Harv.

I. leptocaulis Eckl. & Zeyh. (34)

I. strigosa Spreng. (34)

Perennial. Dwarf shrub. Ht ?–0.3 m. Alt? M, WC, EC

angustifolia Thunb., not of L. = **I. brachystachya**

angustiloba Baker f. = **I. torulosa** var. **angustiloba**

anil L. = **I. suffruticosa**

annua Milne-Redh.

Annual. Herb. Ht? Alt? N

antennulifera L.Bolus = **I. arenophila**

aphylla Breiter ex Link = **I. filifolia**

aquae-nitentis Bremek.

Perennial. Shrub, dwarf shrub. Ht ?–0.5 m. Alt 200–

1100 m. N, LIM, G

arenaria E.Mey. = **I. exigua**

arenophila Schinz

I. antennulifera L.Bolus (23)

Lotononis omahekensis Dinter ex A.Schreib. (26)

Perennial. Herb. Ht ?–0.2 m. Alt? N

argyraea Eckl. & Zeyh. = **Indigastrum argyraeum**

argyroides E.Mey. = **Indigastrum argyroides**

arrecta Benth. ex Harv., not of Hochst. ex A.Rich. = **I.**

confusa

arrecta Hochst. ex A.Rich.

I. scopia De Wild. & T.Durand (38)

I. umbonata Welw. ex Baker (38)

Perennial. Shrub, dwarf shrub. Ht 0.3–3 m. Alt 10–

1403 m. LIM, G, M, S, KZN

arthrophylla Eckl. & Zeyh. = **I. denudata**

astragalina DC.

Perennial. Herb. Ht 0.2–1.2 m. Alt 610–1050 m. N, B,

LIM, M

atrata N.E.Br.

Perennial. Herb. Ht 0.1–0.6 m. Alt 900–1890 m. LIM,

M

atrinota N.E.Br. = **I. reducta**

auricoma E.Mey.

I. auricoma E.Mey. var. *cuneata* Baker f. (26)

Annual, occ. perennial. Herb. Ht 0.1–1 m. Alt 755–

1463 m. N, NC

auricoma E.Mey. var. *cuneata* Baker f. = **I. auricoma**

auricoma E.Mey. var. *hololeuca* (Benth. ex Harv.) J.B.Gillett

= **I. hololeuca**

axillaris E.Mey. = **Amphithalea virgata**

bainesii Baker

I. variabilis N.E.Br. in part (23)

Perennial. Dwarf shrub, herb. Ht 0.2–1 m. Alt 305–

1100 m. N, B, LIM, NW, M, NC

bakeriana Vig. = **I. demissa**

baukeana Vatke = **I. schimperii** var. **baukeana**

baumiana Harms

Perennial. Shrub, dwarf shrub. Ht 0.7–2 m. Alt? N

bifrons E.Mey. = **I. burchellii**

bifrons E.Mey. var. *digitata* E.Mey. = **I. burchellii**

bifrons E.Mey. var. *trifoliata* E.Mey. = **I. meyeriana**

bolusii N.E.Br. = **I. spicata** var. **spicata**

brachystachya (DC.) E.Mey.

I. angustifolia L. var. *brachystachya* DC. (34)

I. angustifolia Thunb., not of L. (34)

Perennial. Dwarf shrub. Ht 0.3–6 m. Alt 3–610 m. WC

brevifolia N.E.Br. = **I. inyangana**

buchananii Burt Davy

Perennial. Herb. Ht 0.4–0.6 m. Alt 1372–1524 m.

LIM, NW, S

burchellii DC.

I. bifrons E.Mey. (34)

I. bifrons E.Mey. var. *digitata* E.Mey. (34)

Perennial. Herb. Ht up to 0.4 m. Alt 915–2300 m. NC,

EC

burchellii E.Mey. var. *multifolia* E.Mey. = **Indigastrum**

argyraeum

burchellii E.Mey. var. *paucifolia* E.Mey. = **Indigastrum**

argyraeum

burkeana Benth. ex Harv. in part, ‘Transvaal’ specimens

= **Indigastrum burkeanum**

burkeana in sense of J.B.Gillett in part, excl. ‘Trans-

vaal’ specimens, misapplied name = **Indigastrum**

costatum subsp. **theuschii**

- calva* E.Mey. = **I. humifusa**
- candicans** Aiton
Perennial. Dwarf shrub. Ht 0.05–0.3 m. Alt 5–30 m. EC
- candicans* E.Mey., not of Aiton = **I. heterophylla**
- candicans* Sieber = **I. filiformis**
- candidissima* Dinter = **Indigastrum candidissimum**
- candolleana** Meisn.
Anila mauritanica (L.) Kuntze var. *oligantha* Kuntze (34)
I. alopecuroides E.Mey., not of DC. (34)
I. coriacea Aiton var. *hirta* Harv. (34)
I. mauritanica (L.) Thunb. var. *erecta* Eckl. & Zeyh. (34)
Perennial. Dwarf shrub, herb. Ht 0.6–0.8 m. Alt 350–519 m. WC
- capillaris** Thunb.
Perennial. Herb. Ht 0.1–1 m. Alt 185–1525 m. WC
- cardiophylla* Harv. = **I. meyeriana**
- carinata* De Wild. = **I. trita** subsp. *subulata*
- cecilii** N.E.Br.
Perennial. Herb. Ht up to 0.5 m. Alt 1678–2100 m. N, B
- centrota* Eckl. & Zeyh. = **I. denudata**
- charlieriana** Schinz var. *charlieriana*
Annual. Herb. Ht 0.1–0.7 m. Alt 885–1370 m. N, B, LIM, M, KZN, NC
- charlieriana** Schinz var. *lata* J.B.Gillett
Annual. Herb. Ht 0.2–0.4 m. Alt 915–1065 m. N, B, NC
- charlieriana** Schinz var. **scaberrima** (Schinz) J.B.Gillett
I. charlieriana Schinz var. *sessilis* (Chiov.) J.B.Gillett (34)
I. relaxata N.E.Br. (34)
I. scaberrima Schinz (34)
Annual. Herb. Ht ?–0.3 m. Alt ?–1038 m. N, NC
- charlieriana* Schinz var. *sessilis* (Chiov.) J.B.Gillett = **I. charlieriana** var. **scaberrima**
- cinerascens* Eckl. & Zeyh. = **I. zeyheri**
- circinnata** Benth. ex Harv.
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 242–1405 m. B, LIM, NW, G, M
- cognata* N.E.Br. = **I. vicioides** var. **rogersii**
- collina* Eckl. & Zeyh. = **Indigastrum argyraeum**
- colutea** (Burm.f.) Merr. var. **colutea**
Galega colutea Burm.f. (26)
I. consanguinea Klotzsch (23)
I. junodii N.E.Br. (23)
I. seticulosa Harv. (23)
I. viscosa Lam. (23)
Perennial. Herb. Ht 0.05–0.75 m. Alt? N, B, LIM, M
- commiphoroides* Chiov. = **I. lupatana**
- commixta** N.E.Br.
Perennial. Dwarf shrub. Ht ?–0.3 m. Alt ?–1220 m. NW
- comosa** N.E.Br.
I. malacostachys Benth. ex Harv. var. *seminuda* N.E.Br. (34)
Perennial. Shrub. Ht 0.3–6 m. Alt 10–2010 m. B, LIM, NW, G, M, FS, NC
- compacta* N.E.Br. = **I. hilaris** var. **hilaris**
- complanata* Spreng. = **I. psoraloides**
- complicata** Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 100–366 m. WC
- concava** Harv.
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 600–1494 m. WC
- confusa** Prain & Baker f.
I. arrecta Benth. ex Harv., not of Hochst. ex A.Rich. (34)
I. pretoriana Harms (34)
Perennial. Herb. Ht 0.2–0.5 m. Alt 1250–1700 m. LIM, NW, G, M
- consanguinea* Klotzsch = **I. colutea** var. **colutea**
- coriacea* Aiton = **I. mauritanica**
- coriacea* Aiton var. *alopecuroides* (Burm.f.) Harv. = **I. alopecuroides** var. **alopecuroides**
- coriacea* Aiton var. *cana* Harv. = **I. mauritanica**
- coriacea* Aiton var. *hirta* Harv. = **I. candolleana**
- coriacea* Aiton var. *major* E.Mey. = **I. mauritanica**
- coriacea* Aiton var. *minor* (E.Mey.) Harv. = **I. alopecuroides** var. **minor**
- corniculata* E.Mey. = **I. tristis**
- coronilloides* Jaub. & Spach = **I. trita** subsp. **scabra**
- costata* Guill. & Perr. subsp. *macra* (E.Mey.) J.B.Gillett = **Indigastrum costatum** subsp. **macrum**
- costata* Guill. & Perr. subsp. *theuschii* (O.Hoffm.) J.B.Gillett = **Indigastrum costatum** subsp. **theuschii**
- crebra** N.E.Br.
Perennial. Herb. Ht 0.2–0.3 m. Alt 1000–1700 m. M, S
- cryptantha** Benth. ex Harv. var. **cryptantha**
Perennial. Shrub, dwarf shrub. Ht 0.15–1 m. Alt 262–1485 m. N, B, LIM, NW, G, M, FS, KZN, NC, WC
- cryptantha** Benth. ex Harv. var. **occidentalis** Baker f.
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 410–1675 m. N, M, NC
- cryptantha* in sense of A.Schreib., not of Benth. ex Harv., misapplied name = **I. hofmanniana**
- cuneifolia** Eckl. & Zeyh. var. **angustifolia** Harv.
Perennial. Shrub. Ht ?–1.22 m. Alt? WC, EC
- cuneifolia** Eckl. & Zeyh. var. **cuneifolia**
I. florida E.Mey. (4)
Perennial. Shrub. Ht 0.8–1.5 m. Alt 600–2135 m. KZN, EC
- cunenensis** Torre
Perennial. Herb. Ht? Alt? N
- cylindrica* DC. = **I. frutescens**
- cylindrica* in sense of E.Mey., misapplied name = **I. jucunda**
- cylindrica* of author, not of DC., concept invalid = **I. ionii**
- cytisoides** (L.) L.
I. lotoides of author, not of Lam., also not of E.Mey., concept invalid (34)
I. mucronata Lam. (34)
Psoralea cytisoides L. (34)
Perennial. Shrub. Ht 1–3 m. Alt 20–560 m. WC
- daleoides** Benth. ex Harv. var. **daleoides**
I. dodecaphylla Ficalho & Hiern (23)
Perennial. Herb. Ht 0.3–2.4 m. Alt 30–1665 m. N, B, LIM, NW, G, M, FS, NC
- daleoides** Benth. ex Harv. var. **gossweileri** Baker f.
I. hololeuca Benth. ex Harv. var. *angolensis* Baker f. (23)
Perennial. Herb. Ht? Alt? N, B, NW

damarana Merxm. & A.Schreib.*I. wilmaniae* Baker f. ex J.B.Gillett (26)

Perennial. Shrub. Ht 0.3–0.4 m. Alt 885–1068 m. N, NC

dealbata Harv. = **I. nigromontana****declinata** E.Mey.

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 610–1525 m. WC

***decora** Lindl. (insufficiently known)

Ht? Alt? KZN

deflexa Hochst. ex A.Rich. = **Indigastrum parviflorum** subsp. **parviflorum** var. **parviflorum****delagoensis** Baker f. ex J.B.Gillett

Perennial. Herb. Ht 0.3–1 m. Alt 75–610 m. M, KZN

demissa Taub.*I. bakeriana* Vig. (23)

Annual, occ. perennial. Herb. Ht? Alt? N

densa N.E.Br.

Perennial. Herb. Ht 0.2–0.5 m. Alt 1220–2050 m. M, S

denudata L.f.*I. arthropphylla* Eckl. & Zeyh. (34)*I. centrota* Eckl. & Zeyh. (34)*I. denudata* L.f. var. *dumosa* (E.Mey.) Harv. (34)*I. denudata* L.f. var. *luxurians* Harv. (34)*I. denudata* L.f. var. *simplicifolia* Harv. (34)*I. dumosa* E.Mey. (34)*I. flexuosa* Eckl. & Zeyh. (34)*I. kraussiana* Meisn. (34)*I. rechodes* Eckl. & Zeyh. (34)*I. rigescens* E.Mey. var. *inermis* E.Mey. (34)*I. rigescens* E.Mey. var. *spinosa* E.Mey. (34)

Perennial. Shrub. Ht 0.4–1.5 m. Alt 5–915 m. EC

denudata L.f. var. *dumosa* (E.Mey.) Harv. = **I. denudata***denudata* L.f. var. *luxurians* Harv. = **I. denudata***denudata* L.f. var. *simplicifolia* Harv. = **I. denudata****depressa** Harv.

Perennial. Herb. Ht? Alt 60–795 m. WC

digitata Thunb.

Perennial. Shrub, herb. Ht 0.2–2 m. Alt 122–1007 m. WC

dillwynioides Benth. ex Harv.

Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 170–610 m. WC

dimidiata Vogel ex Walp.

Perennial. Herb. Ht 0.1–0.45 m. Alt 370–2745 m. LIM, NW, G, M, FS, KZN, NC, EC

dimorphophylla Schinz = **I. trita** subsp. **subulata***discolor* E.Mey. = **I. procumbens***disjuncta* J.B.Gillett var. *disjuncta* = **Microcharis disjuncta** var. **disjuncta***dissimilis* N.E.Br. = **I. vicioides** var. **rogersii****disticha** Eckl. & Zeyh.*I. enonensis* E.Mey. (34)

Perennial. Herb, climber. Ht 0.6–1.2 m. Alt 15–1144 m. EC

divaricata De Wild. = **I. vicioides** var. **vicioides***dodecaphylla* Ficalho & Hiern = **I. daleoides** var. **daleoides****dolichothyrsa** Baker f.

Perennial. Shrub. Ht 0.6–1 m. Alt 400–490 m. N, LIM

dregeana E.Mey.*I. gerrardiana* Harv. (34)

Perennial. Dwarf shrub. Ht 0.4–1.2 m. Alt 458–1950 m. M, S, KZN

dumosa E.Mey. = **I. denudata***echinata* Willd. = **I. nummulariifolia***effusa* E.Mey. = **I. alternans** var. **alternans****egens** N.E.Br.

Perennial. Shrub. Ht 0.6–1.2 m. Alt 1068–1525 m. LIM, NW, G, M

elandsbergensis Phillipson

Perennial. Shrub. Ht 0.7–1.5 m. Alt 1525–1640 m. EC

elliptica E.Mey. = **I. pauciflora***endecaphylla* Jacq. var. *angustata* Harv. = **I. spicata** var. **spicata***engleri* Baker f. = **Indigastrum argyroides***enneaphylla* Eckl. & Zeyh., not of L. = **I. alternans** var. **alternans***enonensis* E.Mey. = **I. disticha****enormis** N.E.Br.

Perennial. Herb. Ht 0.2–0.4 m. Alt 460–1433 m. LIM

erecta Eckl. & Zeyh., not of Thunb. = **I. gracilis****eriocarpa** E.Mey.

Perennial. Shrub, dwarf shrub. Ht 0.04–6.4 m. Alt 60–1068 m. KZN

eriocarpa E.Mey. var. *williamsonii* Harv. = **I. williamsonii****evansiana** Burt Davy*I. pauxilla* N.E.Br. (34)

Perennial. Herb. Ht ?–0.2 m. Alt 1586–2000 m. G, M, FS, KZN, EC

evansii Schltr.

Perennial. Herb. Ht? Alt 1800–2300 m. KZN

exigua Eckl. & Zeyh.*I. arenaria* E.Mey. (34)

Perennial. Herb. Ht 0.04–0.1 m. Alt 190–350 m. NC

falcata E.Mey. = **I. sessilifolia***falcata* E.Mey. var. *glaberrima* E.Mey. = **I. sessilifolia***falcata* E.Mey. var. *pubescens* E.Mey. = **I. sessilifolia***fastigiata* E.Mey. = **Indigastrum fastigiatum***fastigiata* E.Mey. var. *angustata* Harv. = **Indigastrum fastigiatum***ferruginea* Schumach. & Thonn. = **I. hirsuta** var. **hirsuta****filicaulis** Eckl. & Zeyh.*I. subtilis* E.Mey. (4)

Perennial. Dwarf shrub. Ht 0.1–0.9 m. Alt 30–1220 m. WC

filifolia Ker Gawl. = **I. filifolia****filifolia** Thunb.*I. aphylla* Breiter ex Link (34)*I. filifolia* Ker Gawl. (34)*I. juncea* DC. (34)*I. nuda* (Sims) G.Don (34)*Lebeckia contaminata* Ker Gawl., not of Thunb. (34)*Lebeckia contaminata* W.T.Aiton, not of Willd. (34)*Lebeckia nuda* Sims (34)

Perennial. Shrub. Ht 0.8–2 m. Alt 9–1250 m. WC

filiformis L.f.

- I. candicans* Sieber (4)
I. filiformis L.f. var. *adscendens* Eckl. & Zeyh. (34)
I. filiformis L.f. var. *planifolia* E.Mey. (34)
I. wynbergensis S.Moore (34)
 Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 30–600 m.
 WC
- filiformis* L.f. var. *adscendens* Eckl. & Zeyh. = **I. filiformis**
- filiformis* L.f. var. *planifolia* E.Mey. = **I. filiformis**
- filipes** Benth. ex Harv.
 Perennial. Shrub, dwarf shrub, herb. Ht 0.1–1 m. Alt 109–1585 m. N, B, LIM, NW, G, M, S, FS, NC
- flabellata** Harv.
 Perennial. Shrub, dwarf shrub. Ht 0.3–1.8 m. Alt 80–915 m. WC, EC
- flavicans** Baker
 Perennial. Herb. Ht 0.1–1.2 m. Alt 610–3000 m. N, B, LIM, NW, FS, NC
- fleckii* Baker f. = **I. pechuelii**
- flexuosa* Eckl. & Zeyh. = **I. denudata**
- floribunda** N.E.Br.
 Perennial. Herb. Ht ?–0.6 m. Alt 151–1370 m. M
- florida* E.Mey. = **I. cuneifolia** var. *cuneifolia*
- foliosa** E.Mey.
I. alopecurus Schltr. (34)
I. vestita Harv. (34)
 Perennial. Dwarf shrub. Ht 0.8–0.9 m. Alt 175–1983 m. KZN, EC
- frondosa** N.E.Br.
 Perennial. Shrub. Ht 0.4–1 m. Alt 1495–2135 m. NW, G, M, FS, KZN
- frutescens** L.f.
I. cylindrica DC. (34)
 Perennial. Shrub. Ht 1–3 m. Alt 155–1220 m. WC, EC
- fulcrata** Harv. (insufficiently known) (6)
 Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt? ‘CP’
- fusca* G.Don = **I. hirsuta** var. *hirsuta*
- gairdnerae** Hutch. ex Baker f.
 Annual. Herb. Ht ?–0.2 m. Alt? B
- galpinii** N.E.Br.
 Perennial. Herb. Ht 0.2–2 m. Alt 640–1420 m. LIM, M
- garkeana* of author, not of Vatke, concept invalid = **I. homblei** subsp. *homblei*
- gerardiana* Wall. ex Baker = **I. heterantha**
- gerrardiana* Harv. = **I. dregeana**
- giessii** A.Schreib.
 Annual. Herb. Ht up to 0.2 m. Alt? N
- gifbergensis** C.H.Stirt. & Jarvie
 Perennial. Shrub. Ht 0.4–1 m. Alt 762–1200 m. WC
- glabella* Fourc. = **I. verrucosa**
- glaucescens** Eckl. & Zeyh.
I. reflexa E.Mey. (34)
 Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 15–305 m.
 WC, EC
- glomerata** E.Mey.
 Perennial. Dwarf shrub. Ht 0.07–0.2 m. Alt 30–1466 m. WC
- goniocarpa* Baker f. = **I. lupatana**
- gonioides* Hochst. ex Baker var. *damarensis* Baker f. = **Indigastrum costatum** subsp. *theuschii*
- gracilis** Spreng.
I. erecta Eckl. & Zeyh., not of Thunb. (34)
I. setacea E.Mey. (34)
Lotus microphyllus Hook. (34)
 Perennial. Dwarf shrub, herb. Ht 0.1–0.6 m. Alt 3–854 m. WC, EC
- grata** E.Mey.
 Perennial. Shrub. Ht 0.5–0.6 m. Alt ?–3 m. KZN
- griquanana* Schltr. ex Zahlbr. = **I. longebarbata**
- grisophylla** Fourc.
 Perennial. Dwarf shrub. Ht ?–0.6 m. Alt ?–763 m. EC
- guerrana* Torre = **Indigastrum guerranum**
- guthriei** Bolus
 Perennial. Dwarf shrub. Ht 0.05–0.3 m. Alt 395–915 m. WC
- hamulosa** Schltr.
 Perennial. Dwarf shrub. Ht 0.6–0.9 m. Alt 15–215 m. WC
- hantamensis** Diels
 Perennial. Dwarf shrub. Ht? Alt 1220–1525 m. WC
- hedranophylla* Eckl. & Zeyh. = **I. sessilifolia**
- hedyantha** Eckl. & Zeyh.
I. secunda E.Mey. (34)
 Perennial. Herb. Ht 0.05–5 m. Alt 15–2379 m. LIM, NW, G, M, S, FS, KZN, EC
- hendecaphylla** Jacq.
 Perennial. Herb. Ht? Alt 30–137 m. S, KZN
- *heterantha** Wall. ex Brandis (insufficiently known) (39)
I. gerardiana Wall. ex Baker (34)
- heterophylla** Thunb.
I. adscendens Eckl. & Zeyh. (34)
I. candicans E.Mey., not of Aiton (34)
I. heterophylla Thunb. var. *tulbaghensis* Baker f. (34)
 Perennial. Dwarf shrub, herb. Ht 0.15–1.5 m. Alt 9–1650 m. NC, WC, EC
- heterophylla* Thunb. var. *montana* Eckl. & Zeyh. = **I. nigromontana**
- heterophylla* Thunb. var. *tulbaghensis* Baker f. = **I. heterophylla**
- heterotricha** DC.
I. rudis N.E.Br. (26)
 Perennial. Dwarf shrub, herb. Ht 0.15–1.5 m. Alt 230–2100 m. N, B, LIM, NW, G, M, FS, NC
- heterotricha* DC. var. *ecklonii* Harv. = **I. poliotes**
- heterotricha* Eckl. & Zeyh., not of DC. = **I. poliotes**
- hilaris* Eckl. & Zeyh. var. *drakensbergensis* Baker f. = **I. hilaris** var. *hilaris*
- hilaris** Eckl. & Zeyh. var. *hilaris*
I. compacta N.E.Br. (34)
I. hilaris Eckl. & Zeyh. var. *drakensbergensis* Baker f. (34)
I. hirta E.Mey. (34)
I. leipzigiae Bremek. (34)
I. patula Baker (23)
I. similis N.E.Br. (23)
I. wentzeliana Harms (23)
 Perennial. Herb. Ht 0.1–0.3 m. Alt 45–2288 m. LIM, NW, G, M, S, FS, KZN, EC
- hirsuta** L. var. *hirsuta*
I. ferruginea Schumach. & Thonn. (23)
I. fusca G.Don (23)
 Annual. Herb. Ht 0.22–0.5 m. Alt? N, B, G, FS

- hirsuta* L. var. *polystachya* Welw. ex Baker = **I. longebarbata**
- hirta* E.Mey. = **I. hiliaris** var. **hiliaris**
- hispidia** Eckl. & Zeyh.
I. lotoides E.Mey., not of Lam. (34)
Perennial. Shrub. Ht 1–2 m. Alt 46–793 m. WC, EC
- hochstetteri** Baker subsp. **streyana** (Merxm.) A.Schreib.
I. senegalensis of author, not of Lam., concept invalid (34)
I. streyana Merxm. (26)
Annual. Herb. Ht ?–0.5 m. Alt 1082–1475 m. N, B, NW, NC
- hofmanniana** Schinz
I. cryptantha in sense of A.Schreib., not of Benth. ex Harv., misapplied name (38)
I. suffruticosa in sense of J.B.Gillett, not of Mill., misapplied name (38)
Perennial. Shrub, dwarf shrub, herb. Ht 0.15–0.8 m. Alt? N, B
- hololeuca** Benth. ex Harv.
I. auricoma E.Mey. var. *hololeuca* (Benth. ex Harv.) J.B.Gillett (34)
Annual. Herb. Ht? Alt 20–1006 m. N, NW, NC
- hololeuca* Benth. ex Harv. var. *angolensis* Baker f. = **I. daleoides** var. **gossweileri**
- holubii** N.E.Br.
Annual. Herb. Ht 0.05–0.2 m. Alt 520–855 m. N, B, LIM, NW, G, NC, WC
- hombleri** Baker f. & Martin subsp. **hombleri**
I. garkeana of author, not of Vatke, concept invalid (34)
Perennial. Shrub. Ht ?–2 m. Alt 915–1675 m. LIM, M, S
- humifusa** Eckl. & Zeyh.
I. calva E.Mey. (34)
Perennial. Herb. Ht 0.04–0.6 m. Alt 336–1800 m. WC, EC
- hybrida** N.E.Br.
Perennial. Herb. Ht ?–0.4 m. Alt? M
- incana** Thunb.
Perennial. Dwarf shrub, herb. Ht 0.3–0.6 m. Alt 30–800 m. NC, WC
- incana* Thunb. var. *angustistipulata* Baker f. = **I. tomentosa**
- ingrata** N.E.Br.
Perennial. Herb. Ht ?–0.3 m. Alt 610–795 m. LIM
- inhambanensis** Klotzsch
I. polycarpa Benth. ex Harv. (28)
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 5–700 m. N, B, LIM, M, KZN, EC
- inyangana** N.E.Br.
I. brevifolia N.E.Br. (34)
Perennial. Herb. Ht 0.07–0.3 m. Alt 1220–2100 m. M
- ionii** Jarvie & C.H.Stirt.
I. cylindrica of author, not of DC., concept invalid (34)
Perennial. Herb. Ht 0.3–3.6 m. Alt 60–458 m. WC
- jucunda** Schrire
I. cylindrica in sense of E.Mey., misapplied name (38)
Perennial. Shrub. Ht 0.8–7 m. Alt 8–3000 m. G, KZN, EC
- juncea* DC. = **I. filifolia**
- junodii* N.E.Br. = **I. colutea** var. **colutea**
- kraussiana* Meisn. = **I. denudata**
- krookii** Schltr. ex Zahlbr.
I. woodii Bolus var. *parvifolia* Bolus (34)
- Perennial. Dwarf shrub, herb. Ht 0.23–3 m. Alt 1220–2200 m. KZN
- langebergensis** L.Bolus
Perennial. Shrub. Ht 0.3–2 m. Alt 275–500 m. WC
- lateritia* Bertol. = **I. stricta**
- laxeracemosa** Baker f.
Perennial. Herb. Ht 0.15–0.6 m. Alt 5–1525 m. LIM, M, KZN
- leendertziae** N.E.Br.
Perennial. Dwarf shrub. Ht ?–0.4 m. Alt? NW
- leipzigiae* Bremek. = **I. hiliaris** var. **hiliaris**
- lepida** N.E.Br.
Perennial. Dwarf shrub. Ht ?–0.4 m. Alt ?–915 m. M
- leptocarpa** Eckl. & Zeyh.
Perennial. Dwarf shrub, herb. Ht? Alt 100–824 m. WC, EC
- leptocaulis* Eckl. & Zeyh. = **I. angustifolia** var. **tenuifolia**
- leptophylla* E.Mey. = **I. verrucosa**
- limosa** L.Bolus
Annual. Herb. Ht ?–0.03 m. Alt ?–1525 m. NC
- lobata* J.B.Gillett = **Microcharis latifolia**
- longebarbata** Engl.
I. griquana Schltr. ex Zahlbr. (23)
I. hirsuta L. var. *polystachya* Welw. ex Baker (23)
I. schlechteri Baker f. (28)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 1311–2255 m. M, S, FS, KZN, EC
- longipes* N.E.Br. = **I. tenuissima**
- longispina* Baker f. ex J.B.Gillett = **I. acanthoclada**
- lotoides* E.Mey., not of Lam. = **I. hispidia**
- lotoides* of author, not of Lam., also not of E.Mey., concept invalid = **I. cytisoides**
- lupatana** Baker f.
I. commiphoroides Chiov. (23)
I. goniocarpa Baker f. (23)
Perennial. Shrub. Ht 0.5–2 m. Alt 365–800 m. LIM, M
- lyalli** Baker subsp. **lyalli**
I. obermeijerae Bremek. (23)
Perennial. Tree, shrub. Ht 1.2–3 m. Alt 1068–1675 m. LIM
- lydenburgensis** N.E.Br.
Perennial. Dwarf shrub, herb. Ht 0.5–0.8 m. Alt 75–1464 m. M, S, KZN
- macra* E.Mey. = **Indigostrum costatum** subsp. **macrum**
- malacostachys* Benth. ex Harv. = **I. melanadenia**
- malacostachys* Benth. ex Harv. var. *macrura* Conrath ex Baker f. = **I. melanadenia**
- malacostachys* Benth. ex Harv. var. *seminuda* N.E.Br. = **I. comosa**
- maritima** Baker
Perennial. Herb. Ht? Alt? N, NC
- masonae** N.E.Br.
Perennial. Shrub. Ht 0.4–1.5 m. Alt 1068–1700 m. M
- mauritanica** (L.) Thunb.
I. coriacea Aiton (39)
I. coriacea Aiton var. *cana* Harv. (34)
I. coriacea Aiton var. *major* E.Mey. (34)
Lotus fruticosus P.J.Bergius (34)
Lotus racemosus Poir. (34)
Ononis mauritanica L. (34)

- Perennial. Dwarf shrub. Ht 0.15–0.9 m. Alt 10–1745 m. WC
mauritanica (L.) Thunb. var. *erecta* Eckl. & Zeyh. = **I. candolleana**
mauritanica (L.) Thunb. var. *minor* E.Mey. = **I. alopecuroides** var. **minor**
mearnsii Standl. = **I. swaziensis** var. **swaziensis**
melanadenia Benth. ex Harv.
I. malacostachys Benth. ex Harv. (34)
I. malacostachys Benth. ex Harv. var. *macrura* Conrath ex Baker f. (34)
 Perennial. Shrub, herb. Ht 0.4–1.8 m. Alt 230–2100 m.
 B, LIM, NW, G, M, S, FS, KZN, NC, EC
merxmulleri A.Schreib.
 Perennial. Shrub. Ht ?–0.5 m. Alt? N
meyeriana Eckl. & Zeyh.
I. bifrons E.Mey. var. *trifoliata* E.Mey. (34)
I. cardiophylla Harv. (34)
 Perennial. Shrub, dwarf shrub. Ht 0.4–1 m. Alt 15–1720 m. NC, WC
micrantha E.Mey.
 Perennial. Shrub. Ht 0.9–1.5 m. Alt 23–519 m. KZN, EC
microcarpa Desv.
 Perennial. Herb. Ht? Alt ?–1007 m. N
microphylla Lam. = **I. alopecuroides** var. **minor**
mimosoides Baker var. **mimosoides**
 Annual, occ. perennial. Herb. Ht up to 1 m. Alt? KZN
mischocarpa Schltr.
 Perennial. Dwarf shrub. Ht? Alt up to 366 m. WC
mollicoma N.E.Br.
I. nelsonii N.E.Br. (34)
 Perennial. Herb. Ht 0.2–1.8 m. Alt 900–1525 m. B, LIM, NW, M
mollis Eckl. & Zeyh.
I. mollis E.Mey. (34)
 Perennial. Herb. Ht ?–0.12 m. Alt 155–1900 m. WC, EC
mollis E.Mey. = **I. mollis**
moniliformis Baker f. = **I. ormocarpoides**
monostachya Eckl. & Zeyh.
I. oroboides E.Mey. (34)
 Perennial. Dwarf shrub, herb. Ht ?–0.3 m. Alt 854–1738 m. WC, EC
mucronata Lam. = **I. cytisoides**
mundiana Eckl. & Zeyh.
 Perennial. Dwarf shrub. Ht? Alt ?–30 m. WC
nana Eckl. & Zeyh. = **I. zeyheri**
natalensis Bolus
 Perennial. Shrub, dwarf shrub. Ht 1–5 m. Alt 20–1525 m. KZN, EC
nebrowniana J.B.Gillett
I. variabilis N.E.Br. in part (23)
 Perennial. Dwarf shrub, herb. Ht 0.2–0.9 m. Alt 915–1525 m. LIM, NW, G
neglecta N.E.Br.
 Perennial. Herb. Ht 0.45–6 m. Alt 3–305 m. KZN
nelsonii N.E.Br. = **I. mollicoma**
nigromontana Eckl. & Zeyh.
I. dealbata Harv. (34)
I. heterophylla Thunb. var. *montana* Eckl. & Zeyh. (34)
I. spinescens E.Mey. (34)
 Perennial. Shrub, dwarf shrub. Ht 0.05–1.5 m. Alt 395–1680 m. FS, L, NC, WC, EC
nitida Salter = **I. psoraloides**
nivea Willd. ex Spreng. = **Indigastrum argyraeum**
notata N.E.Br. = **I. stricta**
nuda (Sims) G.Don = **I. filifolia**
nudicaulis E.Mey.
 Perennial. Shrub. Ht 0.02–1.5 m. Alt ?–300 m. N, NC
nummulariifolia Livera ex Alston
Acanthonotus echinatus (Willd.) Benth. (23)
Hedysarum nummulariifolium L. (26)
I. echinata Willd. (26)
 Annual. Herb. Ht ?–0.3 m. Alt ?–485 m. B
obcordata Eckl. & Zeyh.
 Perennial. Dwarf shrub. Ht 0.25–1.4 m. Alt 400–610 m. WC
obermeijerae Bremek. = **I. lyalli** subsp. **lyalli**
obscura N.E.Br.
I. stricta L.f. var. *acuta* Harv. (34)
 Perennial. Herb. Ht ?–0.3 m. Alt 1740–2000 m. G, M, FS, KZN, EC
oliveri Schweinf. ex Engl. = **I. swaziensis** var. **swaziensis**
oliveri Schweinf. ex Harms = **I. swaziensis** var. **swaziensis**
ormocarpoides Baker
I. moniliformis Baker f. (23)
I. torulosa Baker (23)
 Perennial. Shrub. Ht 1.5–3 m. Alt ?–915 m. LIM
oroboides E.Mey. = **I. monostachya**
ovata L.f.
I. sarmentosa L.f. var. *latifolia* Eckl. & Zeyh. (34)
 Perennial. Herb. Ht 0.1–0.3 m. Alt 60–1525 m. WC
ovina Harv.
 Perennial. Shrub. Ht 0.4–3 m. Alt 1068–1220 m. EC
oxalidea Welw. ex Baker
I. supralevis N.E.Br. (23)
 Perennial. Herb. Ht 0.08–2.3 m. Alt 152–1830 m.
 LIM, NW, G, M, S
oxytropis Benth. ex Harv.
 Perennial. Herb. Ht 0.15–0.6 m. Alt 137–1830 m. B, LIM, NW, G, M, KZN
pappei Fourc.
 Perennial. Dwarf shrub. Ht 0.3–1.8 m. Alt 245–1131 m. WC
parkeri Baker = **I. spicata** var. **spicata**
parviflora B.Heyne ex Wight & Arn. var. *occidentalis* J.B.Gillett = **Indigastrum parviflorum** subsp. **occidentalis**
parviflora B.Heyne ex Wight & Arn. var. *parviflora* = **Indigastrum parviflorum** subsp. **parviflorum** var. **parviflorum**
patens Eckl. & Zeyh. = **I. sessilifolia**
patula Baker = **I. hilaris** var. **hilaris**
pauciflora Eckl. & Zeyh.
I. elliptica E.Mey. (34)
 Perennial. Dwarf shrub, herb. Ht ?–0.4 m. Alt? EC
pauciflora E.Mey., not of Eckl. & Zeyh. = **I. stricta**
pauxilla N.E.Br. = **I. evansiana**

- pearsonii** Baker f.
Perennial. Dwarf shrub. Ht? Alt? N
- pechuelii** Kuntze
I. fleckii Baker f. (34)
Perennial. Shrub, dwarf shrub. Ht 0.1–1.5 m. Alt 650–1500 m. N, NC
- perplexa* N.E.Br. = **I. swaziensis** var. **perplexa**
- placida** N.E.Br.
Anila rupestris (Eckl. & Zeyh.) Kuntze var. *glencoensis* Kuntze (34)
I. rufescens E.Mey. (34)
Perennial. Shrub. Ht 1–1.5 m. Alt 765–1295 m. M, KZN, EC
- platypoda** E.Mey.
Perennial. Herb. Ht? Alt? WC
- podophylla** Benth. ex Harv.
Perennial. Herb. Ht 0.3–0.6 m. Alt up to 92 m. KZN
- poliotes** Eckl. & Zeyh.
I. adonensis E.Mey. (34)
I. heterotricha DC. var. *ecklonii* Harv. (34)
I. heterotricha Eckl. & Zeyh., not of DC. (34)
I. punctata Eckl. & Zeyh., not of Thunb. (34)
I. rupestris Eckl. & Zeyh. (34)
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 15–915 m. WC, EC
- polycarpa* Benth. ex Harv. = **I. inhambanensis**
- pongolana** N.E.Br.
Perennial. Shrub, herb, creeper. Ht 0.05–2 m. Alt 855–1525 m. LIM, G
- porrecta** Eckl. & Zeyh. var. **bicolor** Harv.
Perennial. Herb. Ht? Alt? EC
- porrecta** Eckl. & Zeyh. var. **porrecta**
Perennial. Herb. Ht ?–0.3 m. Alt 15–153 m. EC
- praticola** Baker f.
Annual. Herb. Ht ?–0.5 m. Alt ?–1065 m. B, G, NC
- pretoriana* Harms = **I. confusa**
- procumbens* E.Mey. = **I. procumbens**
- procumbens** L.
I. discolor E.Mey. (34)
I. procumbens E.Mey. (34)
I. procumbens L. var. *concolor* Harv. (34)
I. procumbens L. var. *discolor* (E.Mey.) Harv. (34)
Perennial. Herb, climber. Ht 0.05–0.4 m. Alt 3–1525 m. N, NC, EC
- procumbens* L. var. *concolor* Harv. = **I. procumbens**
- procumbens* L. var. *discolor* (E.Mey.) Harv. = **I. procumbens**
- psammotropha* Bolus = **Cyamopsis serrata**
- pseudoevansii** Hilliard & B.L.Burt
Perennial. Herb. Ht? Alt? KZN
- pseudo-indigofera* (Merxm.) J.B.Gillett = **Microcharis galpinii**
- psilocarpa* Schltr. = **I. sarmentosa**
- psoraloides** (L.) L.
Cytisus psoraloides L. (34)
I. complanata Spreng. (34)
I. nitida Salter (34)
Perennial. Herb. Ht 0.25–0.8 m. Alt 30–517 m. WC
- psoraloides* of author, not of (L.) L., concept invalid = **I. racemosa**
- punctata* Eckl. & Zeyh., not of Thunb. = **I. poliotes**
- punctata* Thunb. = **I. verrucosa**
- pungens** E.Mey.
Perennial. Shrub, dwarf shrub. Ht 0.3–1.2 m. Alt 91–793 m. N, NC
- quinquefolia** E.Mey.
Perennial. Dwarf shrub. Ht ?–0.3 m. Alt 397–1464 m. WC
- racemosa** L.
I. psoraloides of author, not of (L.) L., concept invalid (34)
I. trifoliata L. (34)
Perennial. Shrub, herb, climber. Ht 0.22–0.5 m. Alt 15–520 m. WC
- radicifera** Cronquist
Perennial. Herb. Ht up to 1 m. Alt? B
- rautanenii** Baker f.
Perennial. Shrub. Ht 0.3–0.9 m. Alt 590–1350 m. N
- rechodes* Eckl. & Zeyh. = **I. denudata**
- reducta** N.E.Br.
I. atrinota N.E.Br. (34)
Perennial. Dwarf shrub. Ht 0.03–1.2 m. Alt 305–2010 m. LIM, WC
- reflexa* E.Mey. = **I. glaucescens**
- rehmannii** Baker f.
Perennial. Shrub. Ht 0.3–1.2 m. Alt 1220–1525 m. LIM, KZN
- relaxata* N.E.Br. = **I. charlieriana** var. **scaberrima**
- retroflexa* Baill. = **I. trita** subsp. **scabra**
- rhodantha** Fourc.
Perennial. Shrub. Ht 0.3–1 m. Alt 488–549 m. WC
- rhytidocarpa** Benth. ex Harv. subsp. **rhytidocarpa**
Annual. Herb. Ht 0.1–0.5 m. Alt 305–1555 m. N, B, LIM, NW, G, M, FS, NC, EC
- rigescens* E.Mey. var. *inermis* E.Mey. = **I. denudata**
- rigescens* E.Mey. var. *spinosa* E.Mey. = **I. denudata**
- ripae** N.E.Br.
Perennial. Herb. Ht 0.3–0.6 m. Alt ?–1400 m. NW, M, KZN
- rogersii* R.E.Fr. = **I. vicioides** var. **rogersii**
- rostrata** Bolus
Anila zeyheri (Spreng.) Kuntze var. *macrophylla* Kuntze (34)
Perennial. Dwarf shrub, herb. Ht 0.3–1.2 m. Alt 70–2090 m. LIM, G, M, S, FS, KZN, L, EC
- rostrata* Conrath = **Indigastrum fastigiatum**
- rubroglandulosa** Germish.
Perennial. Herb. Ht 0.12–0.3 m. Alt 180–763 m. M, KZN, EC
- rudis* N.E.Br. = **I. heterotricha**
- rufescens* E.Mey. = **I. placida**
- rupestris* Eckl. & Zeyh. = **I. poliotes**
- sanguinea** N.E.Br.
Perennial. Herb. Ht ?–0.6 m. Alt 290–2195 m. LIM, G, M, S, FS, KZN
- sarmentosa** L.f.
I. psilocarpa Schltr. (34)
I. sarmentosa L.f. var. *trifoliata* E.Mey. (34)
Lotus filiformis P.J.Bergius (34)
Ononis filiformis L. (34)
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 100–1500 m. WC

- sarmentosa* L.f. var. *latifolia* Eckl. & Zeyh. = **I. ovata**
sarmentosa L.f. var. *trifoliata* E.Mey. = **I. sarmentosa**
saxicola Engl. = **Indigastrum argyroides**
scaberrima Schinz = **I. charlieriana** var. **scaberrima**
scabra Roth = **I. trita** subsp. **scabra**
schimperi Jaub. & Spach var. **baukeana** (Vatke) J.B.Gillett
I. baukeana Vatke (26)
 Perennial. Herb. Ht ?–1.3 m. Alt 610–1850 m. N, LIM
- schimperi** Jaub. & Spach var. **schimperi**
I. tettensis Klotzsch (26)
 Perennial. Shrub. Ht 0.15–1 m. Alt 30–1100 m. N, B,
 LIM, NW, M, S, KZN
- schinzii** N.E.Br.
 Perennial. Herb. Ht 0.3–0.9 m. Alt 120–3000 m. LIM,
 M, S
- schlechteri* Baker f. = **I. longebarbata**
scopa De Wild. & T.Durand = **I. arrecta**
secunda E.Mey. = **I. hedyantha**
semlikiensis Robyns & Boutique = **I. vicioides** var.
vicioides
senegalensis of author, not of Lam., concept invalid = **I.**
hochstetteri subsp. **streyana**
- sessilifolia** DC.
I. falcata E.Mey. (23)
I. falcata E.Mey. var. *glaberrima* E.Mey. (34)
I. falcata E.Mey. var. *pubescens* E.Mey. (34)
I. hedranophylla Eckl. & Zeyh. (34)
I. patens Eckl. & Zeyh. (26)
 Perennial. Dwarf shrub, herb. Ht 0.15–0.9 m. Alt 230–
 2000 m. N, NW, FS, NC, EC
- setacea* E.Mey. = **I. gracilis**
seticulosa Harv. = **I. colutea** var. **colutea**
seticulosa Harv. var. *luxurians* Bolus = **I. setosa**
- setiflora** Baker
I. accepta N.E.Br. (23)
 Perennial. Herb. Ht 0.3–1.2 m. Alt 670–1500 m. LIM, G
- setosa** N.E.Br.
I. seticulosa Harv. var. *luxurians* Bolus (34)
 Perennial. Dwarf shrub, herb. Ht ?–0.45 m. Alt 305–
 610 m. LIM, KZN
- setulosa* Bertol. = **I. verrucosa**
similis N.E.Br. = **I. hilaris** var. **hilaris**
- sordida** Benth. ex Harv.
 Perennial. Herb. Ht 0.2–0.9 m. Alt 305–1650 m. N, B,
 LIM, NW, G, M, FS, NC
- spicata** Forssk. var. **spicata**
I. bolusii N.E.Br. (28)
I. endecaphylla Jacq. var. *angustata* Harv. (28)
I. parkeri Baker (23)
 Perennial. Shrub, herb, creeper. Ht 0.02–1 m. Alt 1–
 1400 m. LIM, NW, G, M, S, KZN, EC
- spinescens* E.Mey. = **I. nigromontana**
stenophylla Eckl. & Zeyh. = **I. angustata**
stipularis Link = **I. alpina**
streyana Merxm. = **I. hochstetteri** subsp. **streyana**
- stricta** L.f.
I. lateritia Bertol. (34)
I. notata N.E.Br. (34)
I. pauciflora E.Mey., not of Eckl. & Zeyh. (4)
Tephrosia stricta (L.f.) Pers. (34)
- Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 0.6–1281
 m. WC, EC
- stricta* L.f. var. *acuta* Harv. = **I. obscura**
stricta L.f. var. *pedunculata* Eckl. & Zeyh. = **I. zeyheri**
strigosa Spreng. = **I. angustifolia** var. **tenuifolia**
subcorymbosa Baker var. *eylesii* Baker f. = **I. subco-**
rymbosa var. **subcorymbosa**
subcorymbosa Baker var. **subcorymbosa**
I. subcorymbosa Baker var. *eylesii* Baker f. (38)
 Perennial. Shrub. Ht 1–4 m. Alt 462–946 m. LIM
- subincana* N.E.Br. = **I. trita** subsp. **subulata**
subtilis E.Mey. = **I. filicaulis**
subulata Vahl ex Poir. = **I. trita** subsp. **subulata**
subulata Vahl ex Poir. var. *scabra* (Roth) Meikle = **I. trita**
 subsp. **scabra**
suffruticosa in sense of A.E.Gonç., not of Mill. = **I. tinc-**
toria var. **arcuata**
suffruticosa in sense of J.B.Gillett, not of Mill., misap-
 plied name = **I. hofmanniana**
- suffruticosa** Mill.
I. anil L. (34)
 Perennial. Shrub. Ht? Alt? N, B
- sulcata** DC.
 Perennial. Dwarf shrub. Ht 0.3–0.75 m. Alt 61–1220
 m. EC
- superba** C.H.Stirt.
 Perennial. Shrub. Ht 0.5–3 m. Alt 100–366 m. WC
- supraelevis* N.E.Br. = **I. oxalidea**
- swaziensis** Bolus var. **perplexa** (N.E.Br.) J.B.Gillett
I. perplexa N.E.Br. (23)
 Perennial. Shrub. Ht 0.6–2.4 m. Alt 457–1050 m.
 LIM, M, S
- swaziensis** Bolus var. **swaziensis**
I. mearnsii Standl. (23)
I. oliveri Schweinf. ex Engl. (23)
I. oliveri Schweinf. ex Harms (23)
 Perennial. Shrub. Ht 0.02–2 m. Alt 1220–1525 m.
 LIM, G, M, S, KZN
- teixeirae** Torre
 Annual. Herb. Ht 0.07–1 m. Alt 700–1068 m. N
- tenuicaulis* Klotzsch = **I. vicioides** var. **vicioides**
- tenuissima** E.Mey.
Anila tenuifolia (Lam.) Kuntze var. *filifolia* Kuntze (34)
I. longipes N.E.Br. (34)
 Annual. Herb. Ht 0.3–1.7 m. Alt 2–1400 m. FS, KZN
- tetragonoloba* E.Mey. = **I. trita** subsp. **subulata**
tettensis Klotzsch = **I. schimperi** var. **schimperi**
- thesioides** Jarvie & C.H.Stirt.
 Perennial. Shrub. Ht up to 0.4 m. Alt up to 700 m. WC
- tinctoria** L. var. **arcuata** J.B.Gillett
I. suffruticosa in sense of A.E.Gonç., not of Mill. (38)
 Perennial. Herb. Ht 0.6–2 m. Alt 198–940 m. B, G, M, S
- tomentosa** Eckl. & Zeyh.
I. incana Thunb. var. *angustistipulata* Baker f. (34)
 Perennial. Herb. Ht 0.3–0.6 m. Alt 9–90 m. EC
- torulosa* Baker = **I. ormocarpoides**
- torulosa** E.Mey. var. **angustiloba** (Baker f.) J.B.Gillett
I. angustiloba Baker f. (23)
 Annual. Herb. Ht 0.1–0.3 m. Alt 730–1678 m. LIM,
 NW, G, M, EC

torulosa E.Mey. var. **torulosa**

Annual. Herb. Ht 0.1–0.3 m. Alt 60–1370 m. N, B, LIM, NW, M, FS, KZN, EC

transvaalensis Baker f. = **I. vicioides** var. **vicioides****trifoliata** L. = **I. racemosa****trifolioides** Baker f.

Perennial. Herb. Ht? Alt 610–1678 m. KZN, EC

trigonelloides Jaub. & Spach

I. aeruginis Schweinf. (23)

Annual. Herb. Ht 0.18–0.25 m. Alt 1252–1460 m. N, B

triquetra E.Mey.

Perennial. Herb. Ht 0.7–1.5 m. Alt ?–305 m. WC

tristis E.Mey.

I. corniculata E.Mey. (34)

Perennial. Shrub, dwarf shrub, herb. Ht 0.09–1.8 m. Alt 30–2300 m. M, FS, KZN, WC, EC

tristoides N.E.Br.

Perennial. Shrub. Ht 0.15–2 m. Alt 155–1980 m. LIM, G, M, S, FS, KZN, L

trita L.f. subsp. **scabra** (Roth) de Kort & G.Thijssse

I. coronilloides Jaub. & Spach (27)

I. retroflexa Baill. (27)

I. scabra Roth (27)

I. subulata Vahl ex Poir. var. *scabra* (Roth) Meikle (34)

I. trita L.f. subsp. *subulata* (Vahl ex Poir.) Ali var. *scabra* (Roth) Ali (34)

I. trita L.f. var. *scabra* (Vahl ex Poir.) Ali (34)

Perennial. Shrub. Ht 0.5–2 m. Alt 633–1123 m. LIM, M

trita L.f. subsp. **subulata** (Vahl ex Poir.) Ali

I. carinata De Wild. (23)

I. dimorphophylla Schinz (26)

I. subincana N.E.Br. (34)

I. subulata Vahl ex Poir. (26)

I. tetragonoloba E.Mey. (34)

I. trita L.f. subsp. *subulata* (Vahl ex Poir.) Ali var. *subulata* (34)

I. trita L.f. var. *subulata* (Vahl ex Poir.) Ali (34)

Perennial. Shrub. Ht 0.15–1 m. Alt 5–1158 m. N, B, LIM, NW, G, M, S, KZN

trita L.f. subsp. **subulata** (Vahl ex Poir.) Ali var. **scabra** (Roth) Ali = **I. trita** subsp. **scabra****trita** L.f. subsp. **subulata** (Vahl ex Poir.) Ali var. **subulata** = **I. trita** subsp. **subulata****trita** L.f. var. **scabra** (Vahl ex Poir.) Ali = **I. trita** subsp. **scabra****trita** L.f. var. **subulata** (Vahl ex Poir.) Ali = **I. trita** subsp. **subulata****umbonata** Welw. ex Baker = **I. arrecta****varia** E.Mey. = **I. vicioides** var. **rogersii****variabilis** N.E.Br. in part = **I. bainesii****variabilis** N.E.Br. in part = **I. nebrowiana****velutina** E.Mey.

Perennial. Herb. Ht 0.15–0.8 m. Alt 90–1664 m. LIM, M, S, KZN, EC

venusta Eckl. & Zeyh.

Perennial. Herb. Ht 0.3–0.5 m. Alt 305–780 m. NC, WC

verrucosa Eckl. & Zeyh.

I. angustifolia Curtis, not of L. (34)

I. glabella Fourc. (34)

I. leptophylla E.Mey. (34)

I. punctata Thunb. (34)

I. setulosa Bertol. (34)

I. zeyheri Spreng. ex Eckl. & Zeyh. var. *leptophylla* (E.Mey.) Harv. (34)

Perennial. Shrub, dwarf shrub. Ht 0.6–0.9 m. Alt 15–690 m. KZN, WC, EC

vestita Harv. = **I. foliosa****vicioides** Jaub. & Spach var. **rogersii** (R.E.Fr.) J.B.Gillett

I. cognata N.E.Br. (23)

I. dissimilis N.E.Br. (34)

I. rogersii R.E.Fr. (23)

I. varia E.Mey. (34)

Perennial. Herb. Ht 0.2–0.9 m. Alt 7–1594 m. LIM, NW, M, S, KZN

vicioides Jaub. & Spach var. **vicioides**

I. divaricata De Wild. (23)

I. semlikiensis Robyns & Boutique (23)

I. tenuicaulis Klotzsch (23)

I. transvaalensis Baker f. (26)

Perennial. Herb. Ht 0.1–0.6 m. Alt 62–1670 m. N, B, LIM, NW, G, M, FS, KZN, NC, EC

viminea E.Mey. = **I. zeyheri****viscosa** Lam. = **I. colutea** var. **colutea****wentzeliana** Harms = **I. hilaris** var. **hilaris****williamsonii** (Harv.) N.E.Br.

I. eriocarpa E.Mey. var. *williamsonii* Harv. (28)

Perennial. Dwarf shrub, herb. Ht 0.4–0.9 m. Alt 6–763 m. KZN, EC

wilmaniae Baker f. ex J.B.Gillett = **I. damarana****woodii** Bolus var. **intermedia** Bolus = **I. woodii** var. **woodii****woodii** Bolus var. **laxa** Bolus

Perennial. Shrub, herb. Ht? Alt up to 550 m. KZN

woodii Bolus var. **parvifolia** Bolus = **I. krookii****woodii** Bolus var. **woodii**

I. woodii Bolus var. *intermedia* Bolus (34)

Perennial. Shrub, herb. Ht 0.3–0.4 m. Alt 549–2044 m. KZN, EC

wynbergensis S.Moore = **I. filiformis****zeyheri** Spreng. ex Eckl. & Zeyh.

Anila zeyheri (Spreng.) Kuntze var. *normalis* Kuntze (34)

I. acutisejala Conrath ex Baker f. (34)

I. cinerascens Eckl. & Zeyh. (34)

I. nana Eckl. & Zeyh. (34)

I. stricta L.f. var. *pedunculata* Eckl. & Zeyh. (34)

I. viminea E.Mey. (34)

Perennial. Dwarf shrub, herb. Ht 0.2–1.5 m. Alt 24–1693 m. LIM, NW, G, M, FS, KZN, EC

zeyheri Spreng. ex Eckl. & Zeyh. var. **leptophylla** (E.Mey.) Harv. = **I. verrucosa****zeyheri** Spreng. ex Eckl. & Zeyh. var. **trifoliolata** Eckl. & Zeyh. = **I. angustata****INGA** Scop. 3436000**fastigiata** (E.Mey.) Oliv. = **Albizia adianthifolia** var. **adianthifolia****mellifera** (Vahl) Willd. = **Acacia mellifera** subsp. **mellifera****sericocephala** A.Rich. = **Albizia amara** subsp. **sericocephala****INGENHOUSSIA** E.Mey. 3644030**micrantha** E.Mey. = **Amphithalea micrantha****rosea** E.Mey. = **Amphithalea perplexa****rugosa** E.Mey. = **Amphithalea ciliaris**

tortilis E.Mey. = **Amphithalea tortilis**

violacea E.Mey. = **Amphithalea violacea**

INTSIA Thouars 3510000

quanzensis (Welw.) Kuntze = **Afzelia quanzensis**

JACKSONAGO Kuntze 3661010

armata (Thunb.) Kuntze = **Wiborgia mucronata**

cuspidata (E.Mey.) Kuntze = **Wiborgia incurvata**

flexuosa (E.Mey.) Kuntze = **Wiborgia fusca** subsp. **fusca**

fusca (Thunb.) Kuntze = **Wiborgia fusca** subsp. **fusca**

obcordata (P.J.Bergius) Kuntze = **Wiborgia obcordata**

sericea (Thunb.) Kuntze = **Wiborgia sericea**

tetraptera (E.Mey.) Kuntze = **Wiborgia tetraptera**

JULBERNARDIA Pellegr. 3516020

Compiled by T. Nkonki & N. Swelankomo

(1) Ross. 1977. *FSA* 16,2: 43–45.

globiflora (Benth.) Troupin

Perennial. Tree, shrub. Ht 10–15 m. Alt? B

KOTSCHYA Endl. 3796010

Compiled by T. Nkonki & N. Swelankomo

(1) Wild. 1964. *Kirkia* 4: 159.

(2) Verdcourt. 1970. *Kew Bulletin* 24,1: 17–39.

parvifolia (Burt Davy) Verdc.

Smithia parvifolia Burt Davy (2)

Smithia thymodora Baker f. (2)

Perennial. Shrub, dwarf shrub. Ht 0.6–1.5 m. Alt

1220–1920 m. LIM, M, S

thymodora (Baker f.) Wild subsp. **thymodora**

Perennial. Shrub. Ht 0.7–1.5 m. Alt 915–1980 m.

LIM, M

LABLAB Adans. 3909000

Compiled by T. Nkonki & N. Swelankomo

(1) Verdcourt. 1970. *Kew Bulletin* 24,3: 409–411.

niger Medik. = **L. purpureus** subsp. **purpureus**

***purpureus** (L.) Sweet subsp. **purpureus**

Dolichos lablab L. (1)

Dolichos purpureus L. (1)

L. niger Medik. (1)

L. vulgaris Savi (1)

Perennial. Climber. Ht ?–5 m. Alt ?–1067 m. N, B,

WC, EC

purpureus (L.) Sweet subsp. **uncinatus** Verdc.

Dolichos uncinatus Schweinf. (1)

L. uncinatus A.Rich. (1)

Perennial. Herb, climber. Ht 0.2–2.2 m. Alt 10–2000

m. N, LIM, NW, G, M, S, FS, KZN, WC, EC

uncinatus A.Rich. = **L. purpureus** subsp. **uncinatus**

vulgaris Savi = **L. purpureus** subsp. **purpureus**

LATHRIOGYNA Eckl. & Zeyh. 3645000

candicans Eckl. & Zeyh. = **Amphithalea imbricata**

parvifolia Eckl. & Zeyh. = **Amphithalea tomentosa**

LEBECKIA Thunb. 3660000

Compiled by T. Nkonki & N. Swelankomo

(1) Harvey & Sonder. 1862. *FC* 2: 82–89.

(2) Merxmüller. 1970. *FSWA* 60: 64–68.

(3) Dahlgren. 1975. *Opera Botanica* 38: 70–81.

acanthoclada Dinter

L. spathulifolia Dinter (2)

Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt 80–1300 m. N, NC

angustifolia E.Mey. = **L. multiflora**

armata E.Mey. = **L. spinescens**

armata Thunb. = **Wiborgia mucronata**

bowicana Benth.

Perennial. Shrub. Ht 0.2–2 m. Alt? NC

candicans Dinter = **L. dinteri**

canescens E.Mey. = **L. multiflora**

carnosa (E.Mey.) Druce

Perennial. Shrub, dwarf shrub, herb. Ht 0.1–0.7 m. Alt 30–1465 m. NC, WC

cinerea E.Mey.

Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 130–340 m. N, NC, WC

contaminata Ker Gawl., not of Thunb. = **Indigofera filifolia**

contaminata (L.) Thunb.

Perennial. Herb. Ht 0.3–0.6 m. Alt ?–45 m. WC

contaminata W.T.Aiton, not of Willd. = **Indigofera filifolia**

cytisoides Thunb.

Crotalaria pulchella Andrews (1)

Perennial. Shrub. Ht 0.5–3 m. Alt 45–915 m. NC, WC

decipiens E.Mey. = **L. sericea**

decutiens E.Mey. = **L. multiflora**

dinteri Harms

L. candicans Dinter (2)

Perennial. Shrub. Ht ?–1.3 m. Alt ?–1300 m. N

fasciculata Benth.

Perennial. Dwarf shrub. Ht ?–0.4 m. Alt? WC

flexuosa E.Mey. = **L. sericea**

grandiflora Benth.

Perennial. Herb. Ht 0.2–0.3 m. Alt ?–1350 m. NC, WC

halenbergensis Merxm. & A.Schreib.

Perennial. Shrub. Ht 0.6–1 m. Alt 360–760 m. N, NC

humilis Thunb. = **Wiborgia humilis**

inflata Bolus

Perennial. Herb. Ht 0.15–0.25 m. Alt 41–793 m. WC

leipoldtiana Schltr. ex R.Dahlgren

Perennial. Shrub. Ht 0.5–1 m. Alt 619–800 m. NC, WC

leptophylla Benth.

Perennial. Dwarf shrub. Ht ?–0.25 m. Alt? WC

leucoclada Schltr. = **Lotononis densa** subsp. **leucoclada**

linearifolia E.Mey.

Perennial. Shrub. Ht 0.3–3 m. Alt 400–1370 m. N, NC, WC

linearis (Burm.f.) DC. = **Aspalathus linearis**

longipes Bolus

Perennial. Herb. Ht 0.3–0.6 m. Alt 458–1830 m. WC

lotonoides Schltr.

Perennial. Shrub. Ht 0.3–1.5 m. Alt 5–460 m. NC, WC

macowanii Salter

Perennial. Dwarf shrub. Ht? Alt? WC

macrantha Harv.

Perennial. Shrub. Ht 0.5–2.5 m. Alt 900–2135 m. N, B, NC, EC

melilotoides R.Dahlgren

Perennial. Dwarf shrub. Ht ?–1 m. Alt ?–610 m. NC, WC

meyeriana Eckl. & Zeyh.

Perennial. Herb. Ht 0.3–0.4 m. Alt 20–488 m. WC

microphylla E.Mey. = **Lotononis caerulescens****mucronata** Benth.

Perennial. Dwarf shrub. Ht 0.2–0.9 m. Alt 100–765 m. FS, WC, EC

multiflora E.Mey.

L. angustifolia E.Mey. (1)

L. canescens E.Mey. (1)

L. decutiens E.Mey. (1)

L. parvifolia (Schinz) Harms (2)

Perennial. Shrub, dwarf shrub. Ht 0.15–2 m. Alt 4–880 m. N, NC, EC

nuda Sims = **Indigofera filifolia****obovata** Schinz

Perennial. Shrub. Ht ?–1.5 m. Alt? N

parvifolia (Schinz) Harms = **L. multiflora****pauciflora** Eckl. & Zeyh.

Perennial. Herb. Ht 0.45–0.6 m. Alt 122–2000 m. WC

plukenetiana E.Mey.

Perennial. Herb. Ht 0.3–0.5 m. Alt 15–500 m. WC

psiloloba Walp.

Perennial. Shrub, dwarf shrub. Ht 0.3–2 m. Alt 30–900 m. WC, EC

pungens Thunb.

Perennial. Shrub. Ht 1.2–1.6 m. Alt 793–884 m. WC

sepiaria Benth. = **L. simsiana****sepiaria** Thunb.

Perennial. Herb. Ht 0.15–0.3 m. Alt 210–700 m. WC, EC

sericea Thunb.

L. decipiens E.Mey. (1)

L. flexuosa E.Mey. (1)

Perennial. Shrub, dwarf shrub. Ht 0.3–1.8 m. Alt 5–1200 m. NC, WC

sessilifolia (Eckl. & Zeyh.) Benth.

Acanthobotrya sessilifolia Eckl. & Zeyh. (3)

Wiborgia grandiflora E.Mey. (3)

Perennial. Shrub. Ht 0.4–1.5 m. Alt 60–300 m. WC

simsiana Eckl. & Zeyh.

L. sepiaria Benth. (1)

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 60–915 m. WC

spathulifolia Dinter = **L. acanthoclada****spinescens** Harv.

L. armata E.Mey. (1)

Perennial. Shrub. Ht 0.15–1.5 m. Alt 5–1100 m. N, NC, WC

waltersii C.H.Stirt. = **Polhillia obsoleta****wrightii** (Harv.) Bolus

Perennial. Herb. Ht 0.2–0.4 m. Alt 185–853 m. WC

LEOBORDEA Delile

3657050

abyssinica Hochst. ex A.Rich. = **Lotononis platycarpa**

platycarpa Viv. = **Lotononis platycarpa*****LESPEDEZA** Michx.

3820000

Compiled by T. Nkonki & N. Swelankomo

(1) Schrire. 1988. *Bothalia* 18: 19, 20.

(2) Cullen. 1995. *European garden flora* 4,2: 494, 495.

cuneata (Dum.Cours.) G.Don

L. sericea (Thunb.) Miq. (1)

Perennial. Dwarf shrub, herb. Ht 0.8–1 m. Alt ?–763 m. M, KZN

sericea (Thunb.) Miq. = **L. cuneata**

LESSERTIA DC.

3756000

Compiled by T. Nkonki

(1) Harvey & Sonder. 1862. *FC* 2: 213–224.

(2) Bolus. 1915. *Annals of Bolus Herbarium* 1,3: 87–96.

(3) Dinter. 1932. *Repertorium specierum novarum regni vegetabilis* 30: 201, 202.

(4) Schreiber. 1970. *FSWA* 60: 68–72.

(5) Germishuizen. 1992. *Bothalia* 22: 189, 190.

(6) Balkwill & Balkwill. 1999. *South African Journal of Botany* 65: 339–356.

acanthorhachis (Dinter) Dinter

Indigofera acanthorhachis Dinter (3)

Perennial. Shrub. Ht 0.5–1 m. Alt ?–150 m. N

acuminata E.Mey. = **L. physodes**

affinis Burt Davy

Perennial. Herb. Ht ?–0.3 m. Alt 641–1760 m. M, FS

annularis Burch.

Annual, occ. perennial. Herb. Ht 0.1–0.8 m. Alt 650–1373 m. N, FS, NC, WC, EC

argentea Harv.

L. villosa E.Mey. (1)

Perennial. Herb. Ht 0.3–1 m. Alt 6–153 m. WC

astragalina Pappe = **L. pappeana**

benguellensis Baker f.

L. emarginata Schinz (4)

L. emarginata Schinz var. *angustifolia* A.Schreib. (4)

Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 1128–1800 m. N, B, NC, WC

brachypus Harv.

Perennial. Shrub, dwarf shrub. Ht 0.2–3 m. Alt 250–900 m. N, NC

brachystachya DC.

Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 3–549 m. KZN, WC, EC

candida E.Mey.

Perennial. Shrub. Ht 0.3–0.4 m. Alt ?–10 m. N, NC

capensis (P.J.Bergius) Druce

Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 6–763 m. WC

capitata E.Mey.

Perennial. Herb. Ht 0.03–0.25 m. Alt 15–702 m. FS, NC, WC

carnosa Eckl. & Zeyh.

Perennial. Dwarf shrub. Ht ?–0.2 m. Alt? EC

contracta M.Balkwill

Perennial. Dwarf shrub. Ht? Alt ?–100 m. KZN

cryptantha Dinter

Perennial. Herb. Ht? Alt? N

- depressa** Harv.
Perennial. Dwarf shrub. Ht 0.08–0.6 m. Alt 1205–1586 m. NW, M, FS, L, NC, WC, EC
- diffusa** R.Br.
Perennial. Herb. Ht 0.05–0.45 m. Alt 122–1140 m. N, NC, WC
- dykei** L.Bolus
Perennial. Herb. Ht 0.15–1.2 m. Alt 2440–3203 m. FS
- emarginata** Schinz = **L. benguellensis**
- emarginata** Schinz var. **angustifolia** A.Schreib. = **L. benguellensis**
- eremicola** Dinter
Annual, occ. perennial. Herb. Ht 0.3–1 m. Alt? N
- excisa** DC.
Perennial. Herb. Ht 0.2–0.4 m. Alt ?–153 m. NC, WC
- falciformis** DC.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt? N, B, NC
- flanagani** L.Bolus
Perennial. Herb. Ht 0.8–1 m. Alt ?–610 m. EC
- flexuosa** E.Mey.
Perennial. Shrub. Ht 0.9–2 m. Alt 1159–1450 m. WC
- fruticosa** Lindl.
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 458–976 m. NC
- glabricaulis** L.Bolus
Perennial. Herb. Ht ?–0.6 m. Alt? L
- globosa** L.Bolus
Perennial. Herb. Ht? Alt ?–92 m. WC
- harveyana** L.Bolus
Perennial. Herb. Ht 0.4–1 m. Alt 5–2227 m. KZN, EC
- herbacea** (L.) Druce
Annual, occ. perennial. Herb. Ht 0.03–1 m. Alt 30–961 m. L, WC
- incana** Schinz
Perennial. Dwarf shrub. Ht 0.02–0.7 m. Alt? N, NC
- inflata** Harv.
L. versicaria E.Mey. (1)
Perennial. Herb. Ht 0.1–0.2 m. Alt 1676–2000 m. NC, EC
- ingeliensis** M.Balkwill
Annual, occ. perennial. Herb. Ht ?–0.2 m. Alt 1800–1983 m. KZN
- kensitii** L.Bolus
Perennial. Herb. Ht ?–0.4 m. Alt ± 6 m. EC
- lanata** Harv.
Perennial. Shrub. Ht ?–1.6 m. Alt ?–580 m. WC
- macroflora** M.Balkwill
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 250–366 m. KZN
- macrostachya** DC. var. **macrostachya**
Perennial. Dwarf shrub, herb. Ht 0.01–0.8 m. Alt ?–1037 m. N, B, NC
- margaritacea** E.Mey.
Perennial. Shrub. Ht 0.9–1 m. Alt 120–610 m. WC
- microcarpa** E.Mey.
Perennial. Herb. Ht? Alt ?–1220 m. NC
- miniata** Salter
Perennial. Herb. Ht 0.2–1 m. Alt 3–198 m. WC
- mossii** R.G.N.Young
Perennial. Herb. Ht? Alt? G
- muricata** Salter
Perennial. Herb. Ht 0.2–0.5 m. Alt? WC
- pappeana** Harv.
L. astragalina Pappe (1)
Perennial. Herb. Ht 0.3–0.4 m. Alt ?–763 m. WC
- parviflora** Harv.
Perennial. Herb. Ht? Alt ?–305 m. WC
- pauciflora** Harv. var. **pauciflora**
Perennial. Herb. Ht 0.2–1.2 m. Alt? N, B, LIM, NW, FS, NC, WC, EC
- pauciflora** Harv. var. **schlechteri** L.Bolus
L. schlechteri L.Bolus (2)
Perennial. Herb. Ht? Alt 372–1373 m. WC
- perennans** (Jacq.) DC. var. **perennans**
Perennial. Dwarf shrub, herb. Ht 0.6–1.6 m. Alt 366–2325 m. LIM, G, M, FS, KZN, L, NC, EC
- perennans** (Jacq.) DC. var. **polystachya** (Harv.) L.Bolus
L. polystachya Harv. (2)
Perennial. Dwarf shrub, herb. Ht 0.1–1.5 m. Alt 1220–2440 m. NW, G, FS, KZN, L, NC, WC, EC
- perennans** (Jacq.) DC. var. **sericea** L.Bolus
Perennial. Dwarf shrub. Ht 0.5–1.5 m. Alt 1800–2074 m. M, FS, KZN, EC
- phillipsiana** Burt Davy
Perennial. Herb. Ht? Alt ?–1693 m. NW, G
- physodes** Eckl. & Zeyh.
L. acuminata E.Mey. (1)
L. tumida Eckl. & Zeyh. (1)
Perennial. Dwarf shrub. Ht ?–0.45 m. Alt 30–656 m. EC
- polystachya** Harv. = **L. perennans** var. **polystachya**
- prostata** DC.
Colutea prostrata Thunb. (1)
Perennial. Herb. Ht? Alt 650–1403 m. B, LIM, G, FS, EC
- rigida** E.Mey.
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt 30–76 m. WC
- schlechteri** L.Bolus = **L. pauciflora** var. **schlechteri**
- sneeuwbergensis** Germish.
Annual. Herb. Ht 0.03–0.2 m. Alt 1678–1982 m. EC
- spinescens** E.Mey.
Perennial. Shrub, dwarf shrub. Ht 0.3–8 m. Alt 610–1200 m. NC
- stenoloba** E.Mey.
Perennial. Herb. Ht ?–0.3 m. Alt 15–610 m. WC, EC
- stipulata** Baker f.
Perennial. Dwarf shrub. Ht? Alt? FS
- stipulata** Baker = **Astragalus atropilosulus** subsp. **burkeanus** var. **burkeanus**
- stricta** L.Bolus
Perennial. Herb. Ht 0.5–1 m. Alt 1678–2005 m. LIM, NW, G, M, S, FS, KZN, L, EC
- tenuifolia** E.Mey.
Perennial. Herb. Ht 0.2–0.3 m. Alt ?–1403 m. FS, EC
- thodei** L.Bolus
Perennial. Herb. Ht 0.1–0.6 m. Alt 2135–3279 m. M, FS, KZN, L

tomentosa DC.

Perennial. Herb. Ht 0.2–0.4 m. Alt ?–15 m. WC

tumida Eckl. & Zeyh. = **L. physodes***versicaria* E.Mey. = **L. inflata***villosa* E.Mey. = **L. argentea*****LEUCAENA** Benth. 3447000

Compiled by T. Nkonki

(1) Ross. 1975. *FSA* 16,1: 115.(2) Pedroche. 1987. *Phytologia* 63: 304–306.(3) Henderson. 2001. *Alien weeds and invasive plants*: 225.*glauca* Benth. = **L. leucocephala****latisiliqua** (L.) Gillis

Perennial. Tree. Ht ?–2.4 m. Alt? FS

leucocephala (Lam.) de Wit*L. glauca* Benth. (3)*Mimosa leucocephala* Lam. (1)

Perennial. Tree, shrub. Ht 1–4 m. Alt 30–155 m. LIM, M, S, KZN, EC

LIPARIA L. 3642000

Compiled by T. Nkonki & N. Swelankomo

(1) Linnaeus. 1771. *Mantissa plantarum* 2: 268.(2) Thunberg. 1800. *Prodrromus plantarum capensium* 2: 123.(3) Ecklon & Zeyher. 1836. *Enumeratio plantarum*: 164.(4) Walpers. 1839. *Linnaea* 13: 449–543.(5) Hooker. 1843. *Journal of Botany* 2: 441–444.(6) Harvey & Sonder. 1862. *FC* 2: 14–20.(7) Bos & De Wit. 1967. *Journal of South African Botany* 33: 269–292.(8) Schutte & Van Wyk. 1993. *Taxon* 42: 47.(9) Schutte & Van Wyk. 1994. *Taxon* 43: 573–582.(10) Schutte. 1995. *Nordic Journal of Botany* 15,2: 149–156.(11) Schutte. 1997. *Nordic Journal of Botany*. 17,1: 11–37.**angustifolia** (Eckl. & Zeyh.) A.L.Schutte*Achyronia villosa* J.C.Wendl., not of L., also not of Thunb. (11)*Borbonia villosa* Thunb. (11)*Priestleya angustifolia* Eckl. & Zeyh. (11)*Priestleya villosa* (Thunb.) Druce (11)

Perennial. Shrub. Ht ?–0.3 m. Alt 30–75 m. WC

bonaespei A.L.Schutte

Perennial. Shrub. Ht ?–3 m. Alt ?–1400 m. WC

boucheri (E.G.H.Oliv. & Fellingham) A.L.Schutte*Priestleya boucheri* E.G.H.Oliv. & Fellingham (11)

Perennial. Shrub. Ht ?–0.5 m. Alt 1120–1130 m. WC

burchellii Benth. = **L. splendens** subsp. **comantha****calycina** (L.Bolus) A.L.Schutte*Priestleya calycina* L.Bolus (11)

Perennial. Shrub. Ht 1–3 m. Alt 300–980 m. WC

capitata Thunb.*Borbonia capitata* (Thunb.) Poir. (11)*Priestleya capitata* (Thunb.) DC. (11)*Priestleya capitata* (Thunb.) DC. var. *pilosa* (E.Mey.) Harv. (11)*Priestleya laevigata* (L.) DC. var. *glabra* E.Mey. (11)*Priestleya laevigata* (L.) DC. var. *pilosa* E.Mey. excl. syn. (11)

Perennial. Shrub. Ht ?–0.6 m. Alt 1220–1525 m. WC

comantha Eckl. & Zeyh. = **L. splendens** subsp. **comantha****confusa** A.L.Schutte

Perennial. Shrub. Ht 0.3–0.6 m. Alt ?–1250 m. WC

congesta A.L.Schutte

Perennial. Shrub. Ht 1–2 m. Alt 1600–1800 m. WC

crassinervia Meisn. = **L. parva****genistoides** (Lam.) A.L.Schutte*Crotalaria genistoides* Lam. (11)*L. teres* Thunb. (15)*Priestleya teres* (Thunb.) DC. (11)

Perennial. Shrub. Ht 2.5–4 m. Alt 1220–1660 m. WC

graminifolia L.*Borbonia graminifolia* (L.) Lam. (11)*Priestleya graminifolia* (L.) DC. (11)

Perennial. Shrub. Ht ?–0.3 m. Alt? WC

hirsuta Thunb.*Borbonia hirsuta* (Thunb.) Poir. (11)*Priestleya hirsuta* (Thunb.) DC. (11)*Priestleya hirsuta* (Thunb.) DC. var. *subnervia* Meisn. (11)*Priestleya hirsuta* (Thunb.) DC. var. *trinervia* Meisn. (11)

Perennial. Shrub. Ht 0.6–3 m. Alt 30–1066 m. NC, WC, EC

laevigata (L.) Thunb.*Borbonia laevigata* L. (11)*L. umbellata* L., illegitimate name (11)*L. villosa* Thunb. (11)*Priestleya laevigata* (L.) DC. (11)*Priestleya thunbergii* Benth., illegitimate name (11)*Priestleya thunbergii* Benth. var. *villosa* Harv., illegitimate name (11)

Perennial. Shrub. Ht 1.5–4 m. Alt 366–1300 m. WC

latifolia (Benth.) A.L.Schutte*Priestleya latifolia* Benth. (11)

Perennial. Shrub. Ht 0.7–1.5 m. Alt 666–1400 m. WC

myrtifolia Thunb.*Borbonia myrtifolia* (Thunb.) Poir. (11)*Priestleya leiocarpa* Eckl. & Zeyh. (11)*Priestleya myrtifolia* DC. (11)

Perennial. Shrub. Ht 1–3 m. Alt 300–1525 m. WC

parva Vogel ex Walp.*L. crassinervia* Meisn. (7)

Perennial. Dwarf shrub. Ht 0.15–2 m. Alt 25–1525 m. WC

parva Vogel ex Walp. var. *angustifolia* Benth. ex Hook. = **L. splendens** subsp. **comantha****racemosa** A.L.Schutte

Perennial. Shrub. Ht 3–4 m. Alt 1464–1600 m. WC

rafnioides A.L.Schutte

Perennial. Shrub. Ht ?–4 m. Alt 500–1600 m. WC

sphaerica L. = **L. splendens** subsp. **splendens****splendens** (Burm.f.) Bos & de Wit subsp. **comantha** (Eckl. & Zeyh.) Bos & de Wit*L. burchellii* Benth. (7)*L. comantha* Eckl. & Zeyh. (7)*L. parva* Vogel ex Walp. var. *angustifolia* Benth. ex Hook. (11)

Perennial. Shrub. Ht 0.3–0.9 m. Alt 125–1200 m. WC

splendens (Burm.f.) Bos & de Wit subsp. **splendens***Borbonia sphaerica* (L.) Lam. (11)*Leucadendron splendens* Burm.f. (7)*L. sphaerica* L. (7)

Perennial. Shrub. Ht 0.3–2.5 m. Alt 100–1000 m. WC

striata A.L.Schutte

Perennial. Shrub. Ht ?–1 m. Alt ?–200 m. WC

tecta Thunb. = **Xiphotheca tecta***teres* Thunb. = **L. genistoides***tomentosa* Thunb. = **Amphithalea tomentosa***umbellata* L., illegitimate name = **L. laevigata****umbellifera** Thunb.*Borbonia umbellifera* (Thunb.) Poir. (11)*Crotalaria capitata* Lam., not of Thunb. (1800), also not of (Lam.) DC. (1825) (11)*Priestleya cephalotes* E.Mey. (11)*Priestleya cephalotes* E.Mey. var. *angustifolia* E.Mey. (11)*Priestleya umbellifera* (Thunb.) DC. (11)

Perennial. Shrub. Ht 1–5 m. Alt 1000–2000 m. WC

vestita Thunb.*Borbonia tomentosa* L. (11)*Borbonia vestita* Thunb. (11)*Priestleya tomentosa* (L.) Druce (11)*Priestleya vestita* (Thunb.) DC. (8)

Perennial. Shrub. Ht 1–2.5 m. Alt 100–1067 m. WC

villosa Thunb. = **L. laevigata****LIPOZYGIS** E.Mey. 3657060*calycina* E.Mey. = **Lotononis calycina***falcata* E.Mey. = **Lotononis falcata***umbellata* E.Mey. = **Lotononis umbellata****LISTIA** E.Mey. 3658000*heterophylla* E.Mey. = **Lotononis listii****LOCELLARIA** Welw. 3528050*bauhinioides* Welw. = **Piliostigma thonningii****LODDIGESIA** Sims 3684000*oxalidifolia* Sims = **Hypocalyptus oxalidifolius****LOETHAINIA** Heynh. 3661020*obcordata* (P.J.Bergius) Heynh. = **Wiborgia obcordata***sericea* (Thunb.) Heynh. = **Wiborgia sericea****LONCHOCARPUS** Kunth 3834000*bussei* Harms = **Philenoptera bussei***capassa* Rolfe = **Philenoptera violacea***fischeri* Harms = **Philenoptera bussei***menyharti* Schinz = **Philenoptera bussei***nelsii* (Schinz) Schinz ex Heering & Grimme = **Philenoptera nelsii***violaceus* (Klotzsch) Oliv. = **Philenoptera violacea***zimmermannii* Harms = **Craibia zimmermannii****LOTONONIS** (DC.) Eckl. & Zeyh. 3657000

Compiled by T. Nkonki & N. Swelankomo

(1) Harvey & Sonder. 1862. *FC* 2: 47–55.(2) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 381.(3) Dummer. 1913. *Transactions of the Royal Society of South Africa* 3: 275–287.(4) Phillips. 1943. *The Flowering Plants of South Africa* 23: t. 883.(5) Dahlgren. 1964. *Botaniska Notiser* 117,4: 371–388.(6) Merxmüller. 1970. *FSWA* 60: 76–85.(7) Heywood. 1976. *Botanical Systematics* 1: 146, 324.(8) Hilliard & Burt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43,2: 210.(9) Van Wyk. 1987. *South African Journal of Botany* 53: 161–165, 395–397.(10) Van Wyk. 1988. *Bothalia* 18: 31–36.(11) Van Wyk. 1989. *Bothalia* 19: 1–8, 32–34.(12) Van Wyk. 1990. *Bothalia* 20: 1–7, 9–22, 75–80.(13) Van Wyk. 1991. *Contributions from the Bolus Herbarium* 14: 1–285.**acoeksii** B.-E.van Wyk

Perennial. Dwarf shrub. Ht 0.5–1 m. Alt ?–290 m. WC

acuminata Eckl. & Zeyh.

Perennial. Dwarf shrub, herb. Ht 0.15–0.2 m. Alt 30–1654 m. WC, EC

acuticarpa B.-E.van Wyk

Annual. Herb. Ht ?–0.1 m. Alt? M

acutiflora Benth.*Crotalaria quinata* (Thunb.) E.Mey. (13)

Annual. Herb. Ht? Alt? NC

adressa N.E.Br. subsp. **adressa***L. sericiflora* Dummer (13)

Annual, occ. perennial. Herb. Ht up to 0.1 m. Alt 1373–1678 m. LIM, G, M, FS, L

adressa N.E.Br. subsp. **leptantha** B.-E.van Wyk

Perennial. Herb. Ht? Alt ?–1739 m. G

alpina (Eckl. & Zeyh.) B.-E.van Wyk subsp. **alpina**

Perennial. Shrub. Ht ?–1.5 m. Alt? EC

alpina (Eckl. & Zeyh.) B.-E.van Wyk subsp. **multiflora**

(Eckl. & Zeyh.) B.-E.van Wyk

Buchenroedera gracilis Eckl. & Zeyh. (13)*Buchenroedera multiflora* Eckl. & Zeyh. (13)

Perennial. Dwarf shrub. Ht 0.6–1.5 m. Alt 61–1525 m. KZN, WC, EC

amajubica (Burt Davy) B.-E.van Wyk*Buchenroedera amajubica* Burt Davy (13)

Perennial. Dwarf shrub. Ht? Alt 763–1830 m. M, KZN, EC

angustifolia Steud. = **L. fastigiata***anthylloides* Harv. = **L. anthyllopsis****anthyllopsis** B.-E.van Wyk*L. anthylloides* Harv. (13)

Annual. Herb. Ht? Alt ?–850 m. NC, WC

arenicola Schltr.

Annual. Herb. Ht? Alt? NC

argentea Eckl. & Zeyh.

Perennial. Dwarf shrub, herb. Ht ?–0.15 m. Alt? WC

arida Dummer*L. myriantha* Baker f. ex Gibbs Russ *et al.*, naked name (13)

Perennial. Herb. Ht? Alt 1360–1678 m. G, EC

aristata Schinz = **Pearsonia aristata****azurea** (Eckl. & Zeyh.) Benth.*Crotalaria azurea* Eckl. & Zeyh. (3)*L. azurea* (Eckl. & Zeyh.) Benth. var. *lanceolata* Harv. (13)*Ononis villosa* Thunb. (13)

Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 60–1160 m. WC, EC

azurea (Eckl. & Zeyh.) Benth. var. *lanceolata* Harv. =**L. azurea****azureoides** B.-E.van Wyk

Perennial. Dwarf shrub. Ht ?–0.3 m. Alt? WC

bachmanniana Dummer

Perennial. Herb. Ht ?–0.2 m. Alt 15–450 m. KZN, EC

bainesii Baker*Amphinomia bainesii* (Baker) A.Schreib. (6)

Perennial. Herb, climber, creeper. Ht 0.12–6 m. Alt 945–2100 m. N, B, LIM, NW, G, NC

barberae Dummer = **L. marlothii***basutica* E.Phillips = **L. macrosepala****benthamiana** Dummer

Perennial. Dwarf shrub, herb. Ht? Alt 349–1882 m. NC

biflora (Bolus) Dummer = **L. eriocarpa****bolusii** Dummer

Annual. Herb. Ht ?–0.15 m. Alt 105–1275 m. WC

brachyantha Harms*Amphinomia brachyantha* (Harms) A.Schreib. (6)

- Perennial. Herb. Ht ?–0.4 m. Alt 1250–1524 m. N, B, NW, FS
brachyloba (E.Mey.) Benth. = **L. parviflora**
bracteata Benth. = **Pearsonia bracteata**
bracteosa B.-E.van Wyk
 Annual. Herb. Ht? Alt? N
brevicaulis B.-E.van Wyk
 Perennial. Dwarf shrub. Ht? Alt? WC
brierleyae Baker f. = **L. divaricata**
burchellii Benth.
 Perennial. Herb. Ht? Alt ?–1068 m. NW, FS, NC
caerulescens (E.Mey.) B.-E.van Wyk
Aspalathus caerulescens E.Mey. (13)
Buchenroedera glabriflora N.E.Br. (13)
Lebeckia microphylla E.Mey. (13)
 Perennial. Shrub, dwarf shrub. Ht 0.2–0.5 m. Alt 1068–1678 m. WC, EC
calycina (E.Mey.) Benth.
Lipozygis calycina E.Mey. (3)
L. calycina (E.Mey.) Benth. var. *acuta* Dummer (13)
L. calycina (E.Mey.) Benth. var. *hirsutissima* Dummer (13)
L. orthorrhiza Conrath (13)
L. tenella Harv. var. *hirsutissima* Harv. (3)
 Perennial. Herb. Ht 0.03–0.3 m. Alt 458–1730 m. N, LIM, NW, G, M, NC, WC, EC
calycina (E.Mey.) Benth. var. *acuta* Dummer = **L. calycina**
calycina (E.Mey.) Benth. var. *hirsutissima* Dummer = **L. calycina**
carinata (E.Mey.) Benth.
L. florifera Dummer (13)
L. pauciflora Dummer (13)
 Perennial. Herb. Ht 0.2–2 m. Alt 30–1647 m. LIM, M, S, KZN
carnea B.-E.van Wyk
 Annual. Herb, creeper. Ht? Alt? NC
carnosa (Eckl. & Zeyh.) Benth. subsp. **carnosa**
Buchenroedera pauciflora Schltr. (13)
 Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 1342–1830 m. EC
carnosa (Eckl. & Zeyh.) Benth. subsp. **condensata** (Harv.) B.-E.van Wyk
 Perennial. Shrub, dwarf shrub. Ht? Alt ?–1525 m. EC
carnosa (Eckl. & Zeyh.) Benth. subsp. **latifolia** B.-E.van Wyk
 Perennial. Shrub, dwarf shrub. Ht 0.6–0.9 m. Alt 854–915 m. EC
clandestina (E.Mey.) Benth. = **L. platycarpa**
clandestina (E.Mey.) Benth. var. *steingroeveriana* Schinz = **L. platycarpa**
complanata B.-E.van Wyk
 Perennial. Dwarf shrub. Ht ?–0.1 m. Alt? WC
comptonii B.-E.van Wyk
 Perennial. Shrub. Ht 0.2–0.4 m. Alt? WC
corymbosa (E.Mey.) Benth.
L. eriantha Benth. var. *obovata* Scott-Elliot (13)
 Annual, occ. perennial. Herb. Ht 0.07–0.9 m. Alt 549–1830 m. LIM, NW, M, S, KZN, EC
crumanina Burch. ex Benth.
 Perennial. Herb. Ht 0.05–0.2 m. Alt 700–1190 m. N, B, NW, FS, NC
curtii Harms
Amphinomia curtii (Harms) A.Schreib. (6)
 Annual, occ. perennial. Herb. Ht ?–0.02 m. Alt 800–1465 m. N, B, LIM, NW, NC, WC, EC
cytisoides (E.Mey.) Benth. var. *brevifolia* Eckl. & Zeyh. ex Drège = **L. stricta**
cytisoides (E.Mey.) Benth. var. *cytisoides* = **L. stricta**
cytisoides (E.Mey.) Benth. var. *sericea* Dummer = **L. eriocarpa**
dahlgrenii B.-E.van Wyk
 Perennial. Shrub. Ht ?–1.2 m. Alt? WC
debilis (Eckl. & Zeyh.) Benth. = **L. umbellata**
decumbens (Thunb.) B.-E.van Wyk subsp. **decumbens**
L. humifusa Burch. ex Benth. (13)
L. versicolor Benth. (13)
 Perennial. Herb. Ht 0.1–0.5 m. Alt 6–1250 m. NC, WC, EC
decumbens (Thunb.) B.-E.van Wyk subsp. **rehmannii** (Dummer) B.-E.van Wyk
L. rehmannii Dummer (13)
 Perennial. Herb. Ht 0.05–0.5 m. Alt? LIM, FS, L
delicatula Bolus ex De Wild. = **L. quinata**
densa (Thunb.) Harv. subsp. **congesta** B.-E.van Wyk
 Perennial. Shrub. Ht? Alt? WC
densa (Thunb.) Harv. subsp. **densa**
L. gracilis (E.Mey.) Benth. var. *brevipetiolata* Dummer (13)
 Perennial. Shrub. Ht? Alt? WC
densa (Thunb.) Harv. subsp. **gracilis** (E.Mey.) B.-E.van Wyk
L. gracilis (E.Mey.) Benth. var. *gracilis* (13)
 Perennial. Shrub. Ht 0.3–0.6 m. Alt 153–1160 m. NC, WC
densa (Thunb.) Harv. subsp. **leucoclada** (Schltr.) B.-E.van Wyk
Lebeckia leucoclada Schltr. (1)
L. leucoclada (Schltr.) Dummer (13)
 Perennial. Shrub. Ht 0.3–1.2 m. Alt 120–122 m. WC
depressa Eckl. & Zeyh. = **L. pungens**
desertorum Dummer = **Rothia hirsuta**
dichiloides Sond.
 Perennial. Shrub. Ht? Alt 122–1220 m. KZN
dieterlenii E.Phillips = **L. lotononoides**
difformis B.-E.van Wyk
 Perennial. Herb. Ht ?–0.2 m. Alt? M
digitata Harv.
 Perennial. Dwarf shrub. Ht? Alt 366–700 m. NC, WC
dinteri Schinz = **L. platycarpa**
dissitinodis B.-E.van Wyk
 Perennial. Shrub. Ht 0.3–1.2 m. Alt 700–900 m. WC
divaricata (Eckl. & Zeyh.) Benth.
L. brierleyae Baker f. (13)
 Perennial. Shrub. Ht 0.6–2 m. Alt 1372–2745 m. FS, EC
elongata (Thunb.) D.Dietr.
 Perennial. Dwarf shrub. Ht ?–0.2 m. Alt ?–1647 m. WC, EC
eriantha Benth.
 Perennial. Herb. Ht 0.1–2.3 m. Alt 50–2520 m. LIM, NW, G, M, S, FS, KZN, L, EC

- eriantha* Benth. var. *obovata* Scott-Elliot = **L. corymbosa**
- eriocarpa** (E.Mey.) B.-E.van Wyk
Buchenroedera biflora Bolus (13)
L. biflora (Bolus) Dummer (13)
L. cytisoides (E.Mey.) Benth. var. *sericea* Dummer (13)
L. wyliei J.M.Wood (8)
Perennial. Shrub. Ht 0.8–2 m. Alt 240–1967 m. KZN, EC
- esterhuyseniana** B.-E.van Wyk
Annual. Herb. Ht? Alt? WC
- exstipulata** L.Bolus
Perennial. Herb. Ht ?–0.1 m. Alt? WC
- falcata** (E.Mey.) Benth.
Lipozygis falcata E.Mey. (3)
Perennial. Herb. Ht 0.1–0.5 m. Alt 90–1500 m. N, NC, WC
- fastigiata** (E.Mey.) B.-E.van Wyk
L. angustifolia Steud. (13)
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 30–244 m. WC
- filifolia* Bolus = **Pearsonia sessilifolia** subsp. **filifolia**
- filiformis** B.-E.van Wyk
Perennial. Dwarf shrub. Ht? Alt 488–610 m. WC
- florifera* Dummer = **L. carinata**
- foliosa** Bolus
Perennial. Herb. Ht 0.08–2 m. Alt 610–2500 m. NW, G, M, S, FS, KZN
- fruticoides** B.-E.van Wyk
Annual. Herb. Ht 0.3–0.6 m. Alt? EC
- furcata** (Merxm. & A.Schreib.) A.Schreib.
Amphinomia furcata Merxm. & A.Schreib. (6)
Annual. Herb. Ht? Alt? N, NC
- galpinii** Dummer
Buchenroedera sparsiflora J.M.Wood & M.S.Evans (13)
L. galpinii Dummer var. *prostrata* Dummer (13)
Perennial. Shrub, dwarf shrub, herb. Ht 0.2–1.8 m. Alt 1647–3447 m. FS, KZN, L, EC
- galpinii* Dummer var. *prostrata* Dummer = **L. galpinii**
- glabra** (Thunb.) D.Dietr.
Crotalaria trichopoda E.Mey. (13)
L. trichopoda Benth. (13)
Perennial. Herb. Ht 0.05–0.25 m. Alt 15–915 m. WC, EC
- glabrescens** (Dummer) B.-E.van Wyk
Buchenroedera glabrescens Dummer (13)
Perennial. Shrub. Ht? Alt ?–1525 m. KZN
- globulosa** B.-E.van Wyk
Annual. Herb. Ht? Alt? WC
- gracilifolia** B.-E.van Wyk
Perennial. Dwarf shrub. Ht ?–0.15 m. Alt? WC
- gracilis* (E.Mey.) Benth. var. *brevipetiolata* Dummer = **L. densa** subsp. **densa**
- gracilis* (E.Mey.) Benth. var. *gracilis* = **L. densa** subsp. **gracilis**
- grandifolia* Bolus = **Pearsonia grandifolia** subsp. **grandifolia**
- grandis** Dummer & Jenn.
Perennial. Herb. Ht 0.15–0.3 m. Alt 534–1037 m. KZN
- harveyi** B.-E.van Wyk
Perennial. Shrub, dwarf shrub. Ht? Alt? EC
- hirsuta** (Thunb.) D.Dietr.
Crotalaria serpens E.Mey. (5)
L. serpens (E.Mey.) R.Dahlgren (13)
Perennial. Herb. Ht up to 0.25 m. Alt 15–1159 m. NC, WC
- hirsuta* Schinz = **L. wilmsii**
- holosericea** (E.Mey.) B.-E.van Wyk
Buchenroedera holosericea (E.Mey.) Benth. (13)
Perennial. Shrub. Ht 1–2 m. Alt 1647–1769 m. EC
- humifusa* Burch. ex Benth. = **L. decumbens** subsp. **decumbens**
- humilior* Dummer = **L. macrosepala**
- involucrata** (P.J.Bergius) Benth. subsp. **bracteata** B.-E.van Wyk
Perennial. Herb. Ht ?–0.35 m. Alt? WC
- involucrata** (P.J.Bergius) Benth. subsp. **digitata** B.-E.van Wyk
Perennial. Dwarf shrub. Ht? Alt? WC
- involucrata** (P.J.Bergius) Benth. subsp. **involucrata**
Ononis involucrata P.J.Bergius (13)
Perennial. Dwarf shrub. Ht? Alt 61–458 m. WC
- involucrata** (P.J.Bergius) Benth. subsp. **peduncularis** (E.Mey.) B.-E.van Wyk
L. peduncularis (E.Mey.) Benth. (13)
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 6–305 m. WC
- jacottetii** (Schinz) B.-E.van Wyk
Perennial. Shrub. Ht 0.2–1.2 m. Alt 1830–2010 m. KZN, L, EC
- lamprifolia** B.-E.van Wyk
Perennial. Dwarf shrub. Ht ?–0.2 m. Alt? WC
- lanceolata** (E.Mey.) Benth.
Aspalathus lanceolata Benth. (3)
Perennial. Herb. Ht ?–0.4 m. Alt 1662–2500 m. LIM, NW, M, FS, KZN, L
- laticeps** B.-E.van Wyk
Annual. Herb. Ht? Alt? WC
- laxa** Eckl. & Zeyh.
L. laxa Eckl. & Zeyh. var. *multiflora* Dummer (13)
L. schlechteri Schinz (13)
L. woodii Bolus (13)
Perennial. Herb. Ht 0.1–4 m. Alt 610–2200 m. LIM, NW, G, M, FS, KZN, L, NC, EC
- laxa* Eckl. & Zeyh. var. *multiflora* Dummer = **L. laxa**
- lenticula** (E.Mey.) Benth.
Crotalaria lenticula E.Mey. (13)
Annual. Herb. Ht 0.15–0.25 m. Alt 137–1388 m. FS, NC
- leptoloba** Bolus
Annual. Herb. Ht 0.03–0.3 m. Alt 183–1007 m. N, NC
- leucoclada* (Schltr.) Dummer = **L. densa** subsp. **leucoclada**
- linearifolia** B.-E.van Wyk
Annual. Herb. Ht ?–0.1 m. Alt? N, NC
- listii** Polhill
Listia heterophylla E.Mey. (7)
Perennial. Herb, creeper. Ht 0.05–0.6 m. Alt 30–1708 m. N, B, LIM, NW, G, M, S

listoides Dinter & Harms = **L. marlothii**

longicephala B.-E.van Wyk
Annual. Herb. Ht? Alt? WC

longiflora Bolus
L. speciosa Hutch. (13)
Perennial. Dwarf shrub. Ht? Alt ?–1005 m. NC

lotoonoides (Scott-Elliot) B.-E.van Wyk
Buchenroedera lotoonoides Scott-Elliot (13)
L. dieterlenii E.Phillips (13)
Perennial. Shrub, dwarf shrub. Ht 0.3–5 m. Alt 1300–2450 m. FS, KZN, L, EC

macrocarpa Eckl. & Zeyh.
Perennial. Herb. Ht? Alt 120–283 m. WC

macrosepala Conrath
L. basutica E.Phillips (13)
L. humilior Dummer (13)
Perennial. Herb. Ht up to 0.15 m. Alt 1430–1890 m. NW, G, M, FS, KZN, L

maculata Dummer
Perennial. Herb. Ht? Alt 1052–1130 m. N, NC

magnifica B.-E.van Wyk
Perennial. Dwarf shrub. Ht ?–0.3 m. Alt? WC

marginata Schinz = **Pearsonia sessilifolia** subsp. **marginata**

marlothii Engl.
L. barberae Dummer (13)
L. listoides Dinter & Harms (13)
Perennial. Herb. Ht? Alt 640–1340 m. N, B, NW, FS, NC

maximiliani Schltr. ex De Wild.
Perennial. Herb. Ht ?–0.6 m. Alt 5–1370 m. NC

meyeri (C.Presl) B.-E.van Wyk
Buchenroedera meyeri C.Presl (13)
Buchenroedera umbellata Harv. (13)
Perennial. Shrub. Ht 0.3–1 m. Alt 610–1525 m. KZN, EC

micrantha Eckl. & Zeyh.
Perennial. Herb. Ht ?–0.6 m. Alt? WC

microphylla Harv. = **L. prolifera**

minima B.-E.van Wyk
Perennial. Herb. Ht? Alt? NW, FS, NC

minor Dummer & Jenn.
Perennial. Shrub. Ht? Alt 2440–2745 m. L, EC

mirabilis Dinter
Perennial. Shrub. Ht? Alt? N

mollis (E.Mey.) Benth.
Perennial. Dwarf shrub. Ht? Alt? NC

monophylla Harv.
Perennial. Herb. Ht 0.05–0.1 m. Alt? EC

mucronata Conrath
L. ornata Dummer (13)
Perennial. Herb. Ht 0.01–0.3 m. Alt 1068–2500 m. LIM, NW, G, M, S, FS, KZN, L, EC

multiflora Schinz = **Pearsonia sessilifolia** subsp. **marginata**

myriantha Baker f. ex Gibbs Russ. *et al.* = **L. arida**

nutans B.-E.van Wyk
Perennial. Shrub. Ht? Alt ?–550 m. WC

oligocephala B.-E.van Wyk
Annual. Herb. Ht? Alt? NC

omahekensis Dinter ex A.Schreib. = **Indigofera arenophila**

oocarpa Dinter ex Wilman = **L. sparsiflora**

ornata Dummer = **L. mucronata**

orthorrhiza Conrath = **L. calycina**

oxyptera (E.Mey.) Benth.
Annual. Herb. Ht? Alt 153–255 m. WC

pachycarpa Dinter ex B.-E.van Wyk
Annual. Herb. Ht ?–0.1 m. Alt? N

pallens (Eckl. & Zeyh.) Benth.
Annual. Herb. Ht? Alt? WC

pallidirosea Dinter & Harms
Perennial. Herb. Ht? Alt? N

pariflora N.E.Br.
Perennial. Herb. Ht ?–0.05 m. Alt ?–1920 m. LIM

parviflora (P.J.Bergius) D.Dietr.
L. brachyloba (E.Mey.) Benth. (13)
Annual. Herb. Ht 0.01–0.6 m. Alt 30–1037 m. NC, WC, EC

pauciflora Dummer = **L. carinata**

peduncularis (E.Mey.) Benth. = **L. involucrata** subsp. **peduncularis**

pentaphylla (E.Mey.) Benth.
Annual. Herb. Ht 0.05–0.07 m. Alt 120–167 m. NC

perplexa (E.Mey.) Eckl. & Zeyh.
Annual. Herb. Ht? Alt 397–763 m. WC

platycarpa (Viv.) Pic.Serm.
Capnitis clandestina E.Mey. (13)
Leobordea abyssinica Hochst. ex A.Rich. (13)
Leobordea platycarpa Viv. (3)
L. clandestina (E.Mey.) Benth. (13)
L. clandestina (E.Mey.) Benth. var. *steingroeveriana* Schinz (13)
L. dinteri Schinz (13)
L. platycarpa (Viv.) Pic.Serm. var. *abyssinica* (Hochst. ex A.Rich.) Pic.Serm. (13)
L. porrecta (E.Mey.) Benth. (13)
L. steingroeveriana (Schinz) Dummer (13)
Annual. Herb. Ht 0.05–2 m. Alt 700–2000 m. N, B, FS, NC, WC

platycarpa (Viv.) Pic.Serm. var. *abyssinica* (Hochst. ex A.Rich.) Pic.Serm. = **L. platycarpa**

plicata B.-E.van Wyk
Perennial. Dwarf shrub. Ht? Alt ?–870 m. NC

polycephala Benth.
Perennial. Dwarf shrub. Ht? Alt? NC

porrecta (E.Mey.) Benth. = **L. platycarpa**

pottiae Burt Davy
Perennial. Dwarf shrub. Ht? Alt ?–1500 m. M, KZN

procumbens Bolus
Perennial. Herb. Ht 0.015–0.3 m. Alt 1678–2700 m. M, FS, KZN, L

prolifera (E.Mey.) B.-E.van Wyk
L. microphylla Harv. (13)
Perennial. Herb. Ht? Alt ?–1068 m. EC

prostrata (L.) Benth.
Ononis prostrata Burm. (3)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 30–570 m. WC

pulchella (E.Mey.) B.-E.van Wyk
Buchenroedera tenuifolia Eckl. & Zeyh. var. *pulchella* (E.Mey.) Harv. (13)
Buchenroedera tenuifolia Eckl. & Zeyh. var. *tenuifolia* (13)

- Perennial. Shrub, dwarf shrub. Ht 0.3–6 m. Alt 1140–2440 m. FS, KZN, L, EC
- pulchra** Dummer
L. tenuipes Burt Davy (13)
Perennial. Herb. Ht 0.05–2 m. Alt 1037–2317 m. M, S, KZN, EC
- pumila** Eckl. & Zeyh.
Annual. Herb. Ht 0.1–0.2 m. Alt 336–763 m. WC, EC
- pungens** Eckl. & Zeyh.
L. depressa Eckl. & Zeyh. (13)
Perennial. Herb. Ht 0.05–1 m. Alt 5–1650 m. FS, NC, WC, EC
- purpurescens** B.-E.van Wyk
Perennial. Dwarf shrub. Ht ?–0.3 m. Alt? WC
- pusilla** Dummer
Perennial. Herb. Ht? Alt 1373–1769 m. FS, EC
- quinata** (Thunb.) Benth.
L. delicatula Bolus ex De Wild. (13)
Perennial. Dwarf shrub. Ht? Alt 305–700 m. NC
- rabenaviana** Dinter & Harms
Amphinomia rabenaviana (Dinter & Harms) A.Schreib. (6)
Annual. Herb. Ht 0.04–0.2 m. Alt 280–1065 m. N, NC, WC
- racemiflora** B.-E.van Wyk
Annual, occ. perennial. Dwarf shrub, herb. Ht? Alt? WC
- rehmannii** Dummer = **L. decumbens** subsp. **rehmannii**
- rigida** (E.Mey.) Benth.
Perennial. Dwarf shrub. Ht 0.6–1.5 m. Alt 366–427 m. WC
- rogersii** Kensit = **Pearsonia sessilifolia** subsp. **filifolia**
- rosea** Dummer
Annual. Herb. Ht? Alt ?–458 m. WC
- rostrata** Benth. subsp. **brachybotrys** B.-E.van Wyk
Annual. Herb. Ht? Alt ?–153 m. WC
- rostrata** Benth. subsp. **namaquensis** (Bolus) B.-E.van Wyk
Annual. Herb. Ht ?–0.33 m. Alt 640–1220 m. NC
- rostrata** Benth. subsp. **rostrata**
Annual. Herb. Ht ?–0.4 m. Alt ?–214 m. WC
- sabulosa** Salter
Annual. Herb. Ht? Alt ?–150 m. WC
- schlechteri** Schinz = **L. laxa**
- schoenfelderi** (Dinter ex Merxm. & A.Schreib.) A.Schreib.
Amphinomia schoenfelderi Dinter ex Merxm. & A.Schreib. (13)
Annual. Herb. Ht? Alt? N, B
- schreiberi** B.-E.van Wyk
Annual. Herb. Ht ?–0.1 m. Alt? N
- sericoflora** Dummer = **L. adpressa** subsp. **adpressa**
- sericophylla** Benth.
L. trisegmentata E.Phillips var. *robusta* E.Phillips (13)
Perennial. Shrub. Ht 0.2–2.4 m. Alt 1220–2898 m. FS, KZN, L, EC
- serpens** (E.Mey.) R.Dahlgren = **L. hirsuta**
- sessilifolia** Harv. = **Pearsonia sessilifolia** subsp. **sessilifolia**
- solitudinis** Dummer
Perennial. Herb. Ht? Alt 915–2200 m. G, M, FS, KZN
- sparsiflora** (E.Mey.) B.-E.van Wyk
L. oocarpa Dinter ex Wilman (13)
Annual. Herb. Ht up to 0.2 m. Alt 280–1357 m. N, FS, NC
- speciosa** Hutch. = **L. longiflora**
- spicata** Compton
Perennial. Herb. Ht ?–0.2 m. Alt 1000–1525 m. S
- steingroeveriana** (Schinz) Dummer = **L. platycarpa**
- stenophylla** (Eckl. & Zeyh.) B.-E.van Wyk
Annual. Herb. Ht? Alt 640–732 m. NC
- stipulosa** Baker f.
Amphinomia stipulosa (Baker f.) A.Schreib. (3)
Annual. Herb. Ht ?–0.2 m. Alt ?–458 m. LIM, M
- stricta** (Eckl. & Zeyh.) B.-E.van Wyk
Buchenroedera griquana Schltr. (13)
L. cytisoides (E.Mey.) Benth. var. *brevifolia* Eckl. & Zeyh. ex Drège (13)
L. cytisoides (E.Mey.) Benth. var. *cytisoides* (13)
Perennial. Shrub, dwarf shrub. Ht 0.1–1.2 m. Alt 15–2135 m. KZN, L, EC
- strigillosa** (Merxm. & A.Schreib.) A.Schreib.
Amphinomia strigillosa Merxm. & A.Schreib. (3)
Annual. Herb. Ht? Alt ?–61 m. N, NC
- subulata** B.-E.van Wyk
Perennial. Herb, creeper. Ht? Alt? NW, FS, NC
- sutherlandii** Dummer
Perennial. Herb. Ht? Alt? KZN
- swaziensis** Bolus = **Pearsonia sessilifolia** subsp. **swaziensis**
- tenella** (E.Mey.) Eckl. & Zeyh.
Perennial. Herb. Ht ?–0.03 m. Alt 15–1800 m. NW, G, FS, L, WC, EC
- tenella** Harv. var. *hirsutissima* Harv. = **L. calycina**
- tenuipes** Burt Davy = **L. pulchra**
- tenuis** Baker
Perennial. Herb. Ht ?–0.12 m. Alt? N
- trichodes** (E.Mey.) B.-E.van Wyk
Buchenroedera trichodes C.Presl (13)
Perennial. Shrub. Ht? Alt 1525–1800 m. EC
- trichopoda** Benth. = **L. glabra**
- trisegmentata** E.Phillips var. *robusta* E.Phillips = **L. sericophylla**
- umbellata** (L.) Benth.
Lipozygis umbellata E.Mey. (3)
L. debilis (Eckl. & Zeyh.) Benth. (13)
Perennial. Herb. Ht 0.05–5 m. Alt 18–488 m. WC
- uniflora** Kensit = **Pearsonia uniflora**
- varia** (E.Mey.) Steud.
Telina varia E.Mey. (3)
Perennial. Dwarf shrub. Ht ?–0.35 m. Alt 458–915 m. WC
- venosa** B.-E.van Wyk
Annual. Herb. Ht? Alt? WC
- versicolor** Benth. = **L. decumbens** subsp. **decumbens**
- viborgioides** Benth.
Perennial. Shrub, dwarf shrub. Ht 0.2–0.6 m. Alt 120–300 m. WC
- villosa** (E.Mey.) Steud.
Perennial. Dwarf shrub. Ht? Alt ?–183 m. WC

viminea (E.Mey.) B.-E. van Wyk*Aspalathus viminea* N.E.Br. (1)*Buchenroedera viminea* C.Presl (13)

Perennial. Dwarf shrub. Ht 0.5–1.2 m. Alt 280–1647 m. M, KZN, EC

virgata B.-E. van Wyk

Perennial. Dwarf shrub. Ht ?–0.45 m. Alt 122–1678 m. KZN

wilmsii Dummer*L. hirsuta* Schinz (13)

Perennial. Herb. Ht 0.1–5 m. Alt 1159–1713 m. LIM, NW, G, M

woodii Bolus = **L. laxa****wyliei** J.M.Wood = **L. eriocarpa****LOTUS L.**

3698000

Compiled by T. Nkonki

(1) Gillett. 1958. *Kew Bulletin* 13: 361–381.(2) Ball. 1968. *Flora europaea* 2: 173–176.(3) Gillett *et al.* 1971. *FTEA Leguminosae* (part 4): 1042–1048.*amplexicaulis* E.Mey. = **Argyrolobium amplexicaule****arabicus** L. (insufficiently known)*L. mossamedensis* Welw. (3)**barberae** Dummer (insufficiently known)***corniculatus** L. var. **corniculatus**

Perennial. Herb. Ht ?–0.2 m. Alt ?–153 m. G, EC

discolor E.Mey. subsp. **discolor***L. tigrensis* Baker (1)

Perennial. Herb. Ht 0.05–6 m. Alt 6–2196 m. LIM, G, M, S, KZN, WC, EC

filiformis P.J.Bergius = **Indigofera sarmentosa***fruticosus* P.J.Bergius = **Indigofera mauritanica***hispidus* Desf. = **L. subbiflorus** subsp. **subbiflorus***microphyllus* Hook. = **Indigofera gracilis***mossamedensis* Welw. = **L. arabicus***racemosus* Poir. = **Indigofera mauritanica*****subbiflorus** Lag. subsp. **subbiflorus***L. hispidus* Desf. (2)

Perennial. Herb. Ht 0.03–0.5 m. Alt 170–1525 m. G, WC, EC

tigrensis Baker = **L. discolor** subsp. **discolor*****LUPINUS L.**

3672000

Compiled by H.F. Glen

(1) Stirton. 1988. *Bothalia* 18: 25–29.(2) McKean. 1995. *European garden flora* 4: 534–537.**angustifolius** L.

Annual. Herb. Ht 0.15–0.6 m. Alt 100–150 m. WC

consentinii Guss.

Annual. Herb. Ht up to 1 m. Alt 0–300 m. WC

luteus L.

Annual. Herb. Ht up to 0.7 m. Alt 100–200 m. WC

pilosus L.

Annual. Herb. Ht 0.3–0.7 m. Alt 0–300 m. WC

MACROTYLOMA (Wight & Arn.) Verdc. 3910020

Compiled by T. Nkonki

(1) Verdcourt. 1970. *Kew Bulletin* 24,3: 401–406.(2) Gillett *et al.* 1971. *FTEA Leguminosae* (part 4): 581–594.**axillare** (E.Mey.) Verdc. var. **axillare***Dolichos axillaris* E.Mey. (3)

Perennial. Herb, climber. Ht 0.1–0.6 m. Alt 10–1647 m. N, B, LIM, NW, G, M, S, KZN, EC

axillare (E.Mey.) Verdc. var. **glabrum** (E.Mey.) Verdc.

Perennial. Herb. Ht ?–3 m. Alt 92–1120 m. KZN

coddii Verdc.

Perennial. Herb. Ht ?–0.4 m. Alt 1020–1037 m. KZN

daltonii (Webb) Verdc.*Dolichos daltonii* Webb (3)

Annual, occ. perennial. Herb, climber. Ht 0.7–2 m. Alt 1100–1163 m. N, B

maranguense (Taub.) Verdc.*Dolichos taubertii* Baker f. (3)*Glycine maranguensis* Taub. (3)

Perennial. Herb. Ht 0.3–0.6 m. Alt 259–1220 m. LIM, M, S, KZN

rupestre (Welw. ex Baker) Verdc.*Dolichos longistipellatus* Harms (1)*Dolichos rupestris* Baker (1)

Perennial. Herb, climber. Ht? Alt? N

uniflorum (Lam.) Verdc. var. **stenocarpum** (Brenan) Verdc.

Perennial. Herb. Ht 0.6–1 m. Alt 910–1100 m. B, M

uniflorum (Lam.) Verdc. var. **uniflorum**

Perennial. Herb. Ht 0.6–1 m. Alt ?–1460 m. N

***MEDICAGO L.**

3688000

Compiled by T. Nkonki

(1) Lesins & Lesins. 1979. *Genus Medicago, a taxogenetic study.*(2) Stirton. 1982. *Bothalia* 14: 27–35.(3) Small & Jomphe. 1989. *Canadian Journal of Botany* 67: 3260–3294.*aschersoniana* Urb. = **M. laciniata** var. **laciniata***denticulata* Willd. = **M. polymorpha****falcata** L.*M. sativa* L. subsp. *falcata* (L.) Arcang. (2)

Perennial. Herb. Ht 0.4–0.8 m, or stems prostrate. Alt 600–1450 m. G, WC

×**hemicycla** Grossh.*M. sativa* L. × *M. falcata* L. (2)

Perennial. Herb. Ht 0.3–0.8 m, or stems prostrate. Alt 1400–1500 m. G

hispidula Gaertn. = **M. polymorpha****laciniata** (L.) Mill. var. **laciniata***M. aschersoniana* Urb. (2)*M. polymorpha* L. var. *laciniata* L. (2)

Annual. Herb. Ht 0.15–0.35 m, or stems prostrate. Alt 0–2050 m. N, B, NW, G, M, FS, KZN, L, NC, WC, EC

lupulina L.

Annual, occ. perennial. Herb. Ht up to 0.1 m. Length 0.2–0.6 m. Alt 650–1550 m. LIM, NW, G, M, KZN, WC, EC

nigra Krock. = **M. polymorpha****polymorpha** L.*M. denticulata* Willd. (2)*M. hispidula* Gaertn. (2)*M. nigra* Krock. (2)

Annual. Herb. Ht 0.2–0.7 m, or stems prostrate. Alt 0–2000 m. N, G, M, FS, KZN, NC, WC, EC

polymorpha L. var. *laciniata* L. = **M. laciniata** var. **laciniata**

sativa L.

Perennial. Herb. Ht 0.3–0.8 m, or stems prostrate. Alt 0–1650 m. LIM, NW, G, FS, KZN, NC, WC, EC
sativa L. subsp. *falcata* (L.) Arcang. = **M. falcata**
sativa L. × *M. falcata* L. = **M. ×hemicycla**

MELANOSTICTA DC. 3557010

burchellii DC. = **Hoffmannseggia burchellii** subsp. **burchellii**

sandersonii Harv. = **Hoffmannseggia sandersonii**

***MELILOTUS** Mill. 3689000

Compiled by T. Nkonki

- (1) Gillett. 1971. *FTEA Leguminosae*, part 4: 1039–1041.
- (2) Lock. 1989. *Legumes of Africa*: 481, 482.
- (3) Hamlet. 1995. *European garden flora* 4: 523.

alba Desr.

Annual. Herb. Ht 0.6–1.8 m. Alt 0–1950 m. N, LIM, NW, G, M, FS, KZN, NC, WC, EC

indica (L.) All.

M. parviflora Desf. (1)

Trifolium melilotus-indica L. (1)

Annual. Herb. Ht up to 1.2 m. Alt 0–1750 m. N, LIM, NW, G, FS, KZN, NC, WC, EC

officinalis (L.) Pall.

Trifolium melilotus-officinalis L. (1)

Annual. Herb. Ht 0.2–0.5 m. Alt 0–1550 m. G, WC

parviflora Desf. = **M. indica**

MELOLOBIUM Eckl. & Zeyh. 3665000

Compiled by A. Moteetee

- (1) Harvey & Sonder. 1862. *FC* 2: 77–81.
- (2) Coetzee. 1959. *The Flowering Plants of Africa* 33: t. 1308.
- (3) Stirton. 1986. *South African Journal of Botany* 52: 354–356.
- (4) Moteetee & Van Wyk. 2001. *Bothalia* 31: 209–212.
- (5) Moteetee & Van Wyk. To be published end of 2003.

adenodes Eckl. & Zeyh.

M. karasbergense L. Bolus (5)

Perennial. Dwarf shrub. Ht 0.15–1 m. Alt 75–1140 m. N, NC, WC, EC

aethiopicum (L.) Druce

M. cernuum (L.) Eckl. & Zeyh. (1)

Ononis cernua L. (1)

Trigonella hirsute Thunb. (1)

Perennial. Dwarf shrub. Ht 0.2–0.7 m. Alt 30–1585 m. NC, WC

alpinum Eckl. & Zeyh.

M. pegleri Dummer (5)

Perennial. Shrub, dwarf shrub, herb. Ht 0.3–1.5 m. Alt 730–2324 m. FS, KZN, L, EC

burchelli N.E.Br. = **M. microphyllum**

calycinum Benth.

M. villosum Harms (5)

Perennial. Shrub, dwarf shrub. Ht 0.2–0.61 m. Alt 854–2100 m. N, B, NW, FS, KZN, NC, EC

canaliculatum (E.Mey.) Benth. = **M. stipulatum**

candicans (E.Mey.) Eckl. & Zeyh.

Dichilus candicans E.Mey. (1)

M. parviflorum Benth. (5)

Perennial. Shrub, dwarf shrub, herb. Ht 0.3–1 m. Alt 138–1920 m. N, B, NW, FS, L, NC, WC, EC

canescens Benth.

Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 915–1340 m. N, B, NW, FS, NC, WC, EC

cernuum (L.) Eckl. & Zeyh. = **M. aethiopicum**

decumbens (E.Mey.) Burt Davy = **M. microphyllum**

exudans Harv.

Perennial. Dwarf shrub, herb. Ht 0.2–0.8 m. Alt 280–1525 m. WC

glanduliferum Dummer = **M. microphyllum**

humile Eckl. & Zeyh.

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 134–875 m. NC, WC

involutratum (Thunb.) C.H.Stirt. = **Polhillia involucrata**

karasbergense L. Bolus = **M. adenodes**

lampolobum (E.Mey.) Moteetee & B.-E. van Wyk

M. microphyllum (L.f.) Eckl. & Zeyh. var. *lampolobum* (E.Mey.) Harv. (4)

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 450–1220 m. WC

macrocalyx Dummer var. **longifolium** Dummer

Perennial. Dwarf shrub. Ht 0.4–1 m. Alt 800–1100 m. N, B, NC

macrocalyx Dummer var. **macrocalyx**

Perennial. Shrub, dwarf shrub. Ht 0.3–0.8 m. Alt 900–1700 m. N, B, FS, NC

microphyllum (L.f.) Eckl. & Zeyh.

Dichilus microphyllus E.Mey. (1)

M. burchelli N.E.Br. (5)

M. decumbens (E.Mey.) Burt Davy (5)

M. glanduliferum Dummer (5)

Perennial. Shrub, dwarf shrub. Ht 0.15–1 m. Alt 1100–2300 m. N, B, M, FS, KZN, L, NC, EC

microphyllum (L.f.) Eckl. & Zeyh. var. *lampolobum* (E.Mey.) Harv. = **M. lampolobum**

obcordatum Harv.

Perennial. Shrub, dwarf shrub, herb. Ht 0.15–0.5 m. Alt 1370–2900 m. G, FS, KZN, L, EC

parviflorum Benth. = **M. candicans**

pegleri Dummer = **M. alpinum**

stipulatum (Thunb.) Harv.

M. canaliculatum (E.Mey.) Benth. (5)

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 762–900 m. WC

subspicatum Conrath

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 1500–1700 m. G

villosum Harms = **M. calycinum**

wilmsii Harms

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt ?–1500 m. G, M, FS, KZN

MICROCHARIS Benth. 3746000

Compiled by T. Nkonki

- (1) Schrire. 1992. *Bothalia* 22: 165–167.

disjuncta (J.B.Gillett) Schrire var. **disjuncta**

Indigofera acutifolia Schinz (1)

Indigofera disjuncta J.B.Gillett var. *disjuncta* (1)

Annual. Herb. Ht 0.08–0.35 m. Alt 610–1090 m. N, NC

galpinii N.E.Br.

Indigofera pseudo-indigofera (Merxm.) J.B.Gillett (1)

M. pseudo-indigofera Merxm. (1)

Annual. Herb. Ht 0.1–0.4 m. Alt 610–1675 m. M, S

latifolia Benth.*Indigofera lobata* J.B.Gillett (1)

Annual. Herb. Ht ?–0.2 m. Alt ?–381 m. M

pseudo-indigofera Merxm. = **M. galpinii****MICROPTERYX** Walp. 3870010*crista-galli* (L.) Walp. = **Erythrina crista-galli****MILLETTIA** Wight & Arn. 3720000

Compiled by H.F. Glen

(1) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 203.(2) Pooley. 1993. *The complete field guide to trees of Natal, Zululand & Transkei*: 164–166.(3) Van Wyk & Van Wyk. 1997. *Field guide to trees of southern Africa*: 458–461.*caffra* Meisn. = **M. grandis****grandis** (E.Mey.) Skeels*M. caffra* Meisn. (1)

Perennial. Tree. Ht 3–11 m. Alt 0–900 m. KZN, EC

stuhlmannii Taub.

Perennial. Tree. Ht 3–20 m. Alt 100–500 m. LIM

sutherlandii Harv. = **Philenoptera sutherlandii****MIMOSA** L. 3449000

Compiled by T. Nkonki

(1) Ross. 1975. *FSA* 16,1: 117–119.*adianthifolia* Schumach. = **Albizia adianthifolia** var. **adianthifolia***asperata* L. = **M. pigra***capensis* Burm.f. = **Acacia karroo***decurrens* J.C.Wendl. = **Acacia decurrens***distachya* Vent. = **Paraserianthes lophantha** subsp. **lophantha***farnesiana* L. = **Acacia farnesiana***lebbeck* L. = **Albizia lebbeck***leucacantha* Jacq. = **Acacia karroo***leucocephala* Lam. = **Leucaena leucocephala** subsp. **leucocephala***longifolia* Andrews = **Acacia longifolia***mellifera* Vahl = **Acacia mellifera** subsp. **mellifera***natans* L.f. = **Neptunia oleracea***nilotica* in sense of Burm.f., not of L., misapplied name = **Acacia karroo***nilotica* in sense of Thunb. (1800), not of L., misapplied name = **Acacia nilotica** subsp. **kraussiana***nilotica* in sense of Thunb. (1823), not of L., misapplied name = **Acacia karroo****pigra** L.*M. asperata* L. (1)

Perennial. Shrub, climber. Ht 0.3–4.5 m. Alt 50–1400 m. N, B, NW, G, M, S, KZN, EC

procera Roxb. = **Albizia procera***prostrata* Lam. = **Neptunia oleracea*****pudica** L. var. **hispida** Brenan

Annual, occ. perennial. Herb. Ht 0.2–1 m. Alt 0–500 m. LIM, KZN

saligna Labill. = **Acacia saligna***spicata* E.Mey. = **Adenopodia spicata***stellata* Forssk. = **Pterolobium stellatum***virgata* L. = **Desmanthus virgatus****MUCUNA** Adans. 3877000

Compiled by T. Nkonki

(1) Wilmot-Dear. 1985. *Kew Bulletin* 39: 23–65.(2) Hennessy. 1989. *The Flowering Plants of Africa* 50: t. 1998.(3) Hennessy. 1991. *Bothalia* 21: 18–21.(4) Wilmot-Dear. 1991. *Kew Bulletin* 46: 213–251.*capitata* (Roxb.) Wight & Arn. = **M. pruriens** var. **utilis coriacea** Baker subsp. **irritans** (Burt Davy) Verdc.

Perennial. Herb, climber. Ht 3–4 m. Alt 365–1300 m. LIM, G, M, S

gigantea (Willd.) DC. subsp. **gigantea**

Perennial. Climber. Ht ?–30 m. Alt ± 2 m. KZN

nivea (Roxb.) Wight & Arn. = **M. pruriens** var. **utilis****pruriens** (L.) DC. var. **pruriens***Dolichos pruriens* L. (1)*Stizolobium pruriens* (L.) Medik. (1)

Perennial. Herb, climber. Ht ?–3 m. Alt 488–763 m. KZN

pruriens (L.) DC. var. **utilis** (Wall. ex Wight) Baker ex Burck*M. capitata* (Roxb.) Wight & Arn. (4)*M. nivea* (Roxb.) Wight & Arn. (1)*Stizolobium deeringianum* Bort (1)*Stizolobium niveum* (Roxb.) Kuntze (1)

Perennial. Herb, climber. Ht ?–3 m. Alt? M

MUNDULEA (DC.) Benth. 3719000

Compiled by H.F. Glen

(1) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 406.(2) Gillett. 1971. *FTEA Leguminosae*, part 3: 155–157.*pondoensis* Codd = **Tephrosia pondoensis****sericea** (Willd.) A.Chev.*Cytisus sericeus* Willd. (2)*M. suberosa* (DC.) Benth. (2)*Tephrosia suberosa* DC. (2)

Perennial. Tree, shrub. Ht 1–7 m. Alt 25–1850 m. N, B, LIM, NW, G, M, S, KZN

suberosa (DC.) Benth. = **M. sericea****NEONOTONIA** J.A.Lackey 3864010

Compiled by T. Nkonki

(1) Lackey. 1977. *Phytologia* 37: 209–212.(2) Viswanathan. 1991. *Journal of the Bombay Natural History Society* 88: 137, 138.**wightii** (Arn.) J.A.Lackey*Glycine javanica* L. subsp. *javanica* (1)*Glycine javanica* L. subsp. *micrantha* (Hochst. & A.Rich.) F.J.Herm. (1)*Glycine wightii* (Wight & Arn.) Verdc. subsp. *wightii* var. *longicauda* (Schweinf.) Verdc. (1)

Perennial. Climber. Ht 0.6–4.5 m. Alt 0–1500 m. N, B, LIM, NW, G, M, S, KZN

NEORAUTANENIA Schinz 3865000

Compiled by T. Nkonki

(1) Verdcourt. 1970. *Kew Bulletin* 24,2: 300–308.**amboensis** Schinz*Dolichos brachypus* Engl. (1)*N. brachypus* (Harms) C.A.Sm. (1)*N. edulis* C.A.Sm. (1)*N. seineri* (Harms) C.A.Sm. (1)

Perennial. Dwarf shrub, herb. Ht 0.9–3 m. Alt 305–1525 m. N, B, LIM, M

brachypus (Harms) C.A.Sm. = **N. amboensis**

edulis C.A.Sm. = **N. amboensis**

ficifolius (Benth.) C.A.Sm.

Dolichos ficifolius (Benth.) Harms (1)

Pueraria ficifolia (Benth.) L.Bolus (1)

Rhynchosia ficifolia Benth. (1)

Perennial. Herb, climber. Ht 0.15–1.5 m. Alt 365–1713 m. N, B, LIM, NW, G, M, FS, NC

seineri (Harms) C.A.Sm. = **N. amboensis**

NEPTUNIA Lour. 3451000

Compiled by T. Nkonki

(1) Ross. 1975. *FSA* 16,1: 120–122.

oleracea Lour.

Desmanthus stolonifer DC. (1)

Mimosa natans L.f. (1)

Mimosa prostrata Lam. (1)

N. prostrata (Lam.) Baill. (1)

N. stolonifera (DC.) Guill. & Perr. (1)

Perennial. Herb, hypophyte. Ht up to 0.2 m above water level, stems prostrate. Alt 25–1150 m. N, B, LIM, KZN

prostrata (Lam.) Baill. = **N. oleracea**

stolonifera (DC.) Guill. & Perr. = **N. oleracea**

NEWTONIA Baill. 3460000

Compiled by H.F. Glen

(1) Ross. 1975. *FSA* 16,1: 134, 135.

hildebrandtii (Vatke) Torre var. **hildebrandtii**

Perennial. Tree. Ht 9–18 m. Alt 0–120 m. S, KZN

NICOLSONIA Span. 3807020

barbata (L.) DC. var. *argyrae* (Welw. ex Baker) Schindl. = **Desmodium barbatum** var. **argyrae**

barbata (L.) DC. var. *dimorpha* (Welw. ex Baker) Schindl. = **Desmodium barbatum** var. **dimorpha**

caffra E.Mey. = **Desmodium dregeanum**

setigera E.Mey. = **Desmodium setigerum**

OMPHALOBIMUM Jacq. 3506030

schotia J.Jacq. ex DC. = **Schotia latifolia**

ONONIS L. 3685000

capillaris Thunb. = **Aspalathus bracteata**

cernua L. = **Melolobium aethiopicum**

excisa Thunb. = **Crotalaria excisa** subsp. **excisa**

fasciculata Thunb. = **Aspalathus fasciculata**

filiformis L. = **Indigofera sarmentosa**

involutrata P.J.Bergius = **Lotononis involutrata** subsp. **involutrata**

lagopus Thunb. = **Aspalathus lotoides** subsp. **lagopus**

mauritanica L. = **Indigofera mauritanica**

prostrata Burm. = **Lotononis prostrata**

racemosa Thunb. = **Crotalaria effusa**

spicata Thunb. = **Aspalathus aemula**

villosa Thunb. = **Lotononis azurea**

OPHRESTIA H.M.L.Forbes 3718020

Compiled by T. Nkonki

(1) Forbes. 1948. *Bothalia* 4: 1003–1006.

(2) Verdcourt. 1970. *Kew Bulletin* 24,2: 257–262.

oblongifolia (E.Mey.) H.M.L.Forbes var. **oblongifolia**

O. retusa H.M.L.Forbes (2)

O. swazica H.M.L.Forbes (2)

Tephrosia oblongifolia E.Mey. (2)

Annual. Herb. Ht 0.15–3 m. Alt 12–1700 m. NW, G, S, KZN, EC

oblongifolia (E.Mey.) H.M.L.Forbes var. **velutinosa** H.M.L.Forbes

Annual. Herb. Ht? Alt? KZN

retusa H.M.L.Forbes = **O. oblongifolia** var. **oblongifolia**

swazica H.M.L.Forbes = **O. oblongifolia** var. **oblongifolia**

ORMOCARPUM P.Beauv. 3792000

Compiled by H.F. Glen

(1) Killick. 1970. *The Flowering Plants of Africa* 40: t. 1585.

(2) Gillett. 1971. *FTEA Leguminosae*, part 3: 352–364.

affine De Wild. = **O. kirkii**

discolor Vatke = **O. kirkii**

kirkii S.Moore

Diphaca discolor (Vatke) Chiov. (2)

Diphaca kirkii (S.Moore) Taub. (2)

O. affine De Wild. (2)

O. discolor Vatke (2)

O. mimosoides S.Moore (2)

Perennial. Tree, shrub. Ht 2–9 m. Alt 550–1300 m. N, LIM, M

mimosoides S.Moore = **O. kirkii**

setosum Burt Davy = **O. trichocarpum**

trichocarpum (Taub.) Engl.

Diphaca trichocarpa Taub. (2)

O. setosum Burt Davy (2)

Perennial. Tree, shrub. Ht 2–5 m. Alt 50–1550 m. B, LIM, M, S, KZN

***ORNITHOPUS** L. 3773000

Compiled by T. Nkonki

(1) Ball. 1968. *Flora europaea* 2: 182.

sativus Brot.

Annual. Herb. Ht 0.3–0.4 m. Alt 170–280 m. NC, WC

OSTRYODERRIS Dunn 3838040

stuhlmannii (Taub.) Harms = **Xeroderris stuhlmannii**

OTHOLOBIMUM C.H.Stirt. 3703040

Compiled by M. Jordaan

(1) Stirton. 1981. *Advances in Legume Systematics*: 337–343.

(2) Stirton. 1982. *Bothalia* 14: 72, 73.

(3) Stirton. 1983. *Journal of South African Botany* 49: 337–342.

(4) Stirton. 1986. *South African Journal of Botany* 52: 1–6.

(5) Stirton. 1990. *South African Journal of Botany* 56: 336–341.

(6) Stirton. 1991. *South African Journal of Botany* 57: 123–127.

(7) Stirton & Schutte. 2000. In Goldblatt & Manning, *Strelitzia* 9: 500–503.

(8) Verdcourt. 2000. *FZ* 3,6: 46–48.

accrescens C.H.Stirt.

Perennial. Resprouting subshrub. Ht up to 0.2 m. Alt 50–150 m. WC

acuminatum (Lam.) C.H.Stirt.

Psoralea acuminata Lam. (4)

Psoralea densa E.Mey. (4)

- Perennial. Reseeding shrub. Ht up to 2 m. Alt 160–540 m. WC
- arborescens** C.H.Stirt.
Perennial. Tree or shrub. Ht up to 5 m. Alt 250–500 m. NC, WC
- argenteum** (Thunb.) C.H.Stirt.
Psoralea albicans Eckl. & Zeyh. (4)
Psoralea argentea Thunb. (4)
Perennial. Resprouting subshrub. Ht up to 1 m. Alt? NC, WC
- bolusii** (H.M.L.Forbes) C.H.Stirt.
Psoralea bolusii H.M.L.Forbes (4)
Perennial. Shrublet. Ht up to 0.4 m. Alt 30–1000 m. NC, WC
- bowieanum** (Harv.) C.H.Stirt.
Psoralea bowieana Harv. (4)
Perennial. Resprouting subshrub. Ht up to 0.5 m. Alt 60–650 m. WC
- bracteolatum** (Eckl. & Zeyh.) C.H.Stirt.
Psoralea algoensis Eckl. & Zeyh. (4)
Psoralea bracteolata Eckl. & Zeyh. (4)
Perennial. Shrub. Ht up to 2 m. Alt 0–170 m. WC, EC
- caffrum** (Eckl. & Zeyh.) C.H.Stirt.
Psoralea caffra Eckl. & Zeyh. (4)
Psoralea royffei H.M.L.Forbes (4)
Perennial. Shrub. Ht up to 2 m. Alt 550–3000 m. KZN, EC
- candicans** (Eckl. & Zeyh.) C.H.Stirt.
Psoralea candicans Eckl. & Zeyh. (4)
Perennial. Reseeding shrublet. Ht up to 1.2 m. Alt 130–920 m. WC, EC
- canescens** (Eckl. & Zeyh.) C.H.Stirt.
Psoralea canescens Eckl. & Zeyh. (5)
Perennial. Shrub. Ht up to 1.2 m. Alt 0–150 m. WC
- carneum** (E.Mey.) C.H.Stirt.
Psoralea carnea E.Mey. (4)
Perennial. Shrublet. Ht up to 0.2 m. Alt 550–600 m. WC, EC
- decumbens* (Aiton) C.H.Stirt. = **O. virgatum**
- flexuosum** C.H.Stirt.
Perennial. Shrub. Ht up to 2.5 m. Alt 250–850 m. NC
- foliosum** (Oliv.) C.H.Stirt. subsp. **gazense** (Baker f.) Verde.
Psoralea foliosa Oliv. var. *gazensis* Baker f. (8)
Perennial. Shrub. Ht up to 2 m. Alt 1200–2100 m. LIM
- fruticans** (L.) C.H.Stirt.
Psoralea aculeata Thunb. (4)
Psoralea cuneifolia Dum.Cours. (4)
Psoralea fruticans (L.) Druce (4)
Perennial. Subshrub. Ht up to 0.4 m. Alt 160–400 m. WC
- fumeum** C.H.Stirt.
Perennial. Shrub. Ht up to 3 m. Alt 1600–3200 m. KZN
- hamatum** (Harv.) C.H.Stirt.
Psoralea hamata Harv. (4)
Perennial. Shrub. Ht up to 1.5 m. Alt 300–1000 m. NC, WC
- heterosepalum** (Fourc.) C.H.Stirt.
Psoralea heterosepala Fourc. (4)
Perennial. Resprouting shrub. Ht up to 2 m. Alt 260–730 m. WC, EC
- hirtum** (L.) C.H.Stirt.
Psoralea hirta L. (4)
Psoralea stachydis L.f. (4)
Psoralea stachyos Thunb. (4)
Perennial. Shrub. Ht up to 2 m. Alt 160–330 m. WC
- incanum** C.H.Stirt.
Perennial. Subshrub. Ht up to 1 m. Alt 60–130 m. WC
- lanceolatum** C.H.Stirt.
Perennial. Resprouting decumbent subshrub. Ht up to 0.06 m. Alt 100–200 m. WC
- macradenium** (Harv.) C.H.Stirt.
Psoralea macradenia Harv. (4)
Perennial. Resprouting shrub. Ht up to 2 m. Alt 400–1850 m. WC
- mundianum** (Eckl. & Zeyh.) C.H.Stirt.
Psoralea decumbens Willd. (4)
Psoralea mundiana Eckl. & Zeyh. (4)
Psoralea spathulata E.Mey. (4)
Perennial. Resprouting subshrub. Ht up to 1 m. Alt 1200–1580 m. WC
- nigricans** C.H.Stirt.
Perennial. Shrub. Ht up to 1.5 m. Alt 1500–2100 m. M, S, KZN
- obliquum** (E.Mey.) C.H.Stirt.
Psoralea obliqua E.Mey. (4)
Perennial. Resprouting subshrub. Ht up to 1.2 m. Alt 360–1300 m. WC
- parviflorum** (E.Mey.) C.H.Stirt.
Psoralea parviflora E.Mey. (4)
Perennial. Resprouting subshrub. Ht up to 1 m. Alt 260–1160 m. WC
- pictum** C.H.Stirt.
Perennial. Shrub. Ht up to 2 m. Alt 630–1330 m. EC
- polyphyllum** (Eckl. & Zeyh.) C.H.Stirt.
Psoralea polyphylla Eckl. & Zeyh. (4)
Perennial. Shrublet. Ht up to 1 m. Alt 400–600 m. EC
- polystictum** (Benth. ex Harv.) C.H.Stirt.
Psoralea polysticta Benth. ex Harv. (4)
Perennial. Shrub. Ht up to 2 m. Alt 450–2300 m. LIM, G, M, FS, KZN, L, EC
- prodiens** C.H.Stirt.
Perennial. Shrub. Ht up to 2.5 m. Alt 260–700 m. WC, EC
- pungens** C.H.Stirt.
Perennial. Decumbent shrublet. Ht up to 0.4 m. Alt 20–160 m. WC
- pustulatum** C.H.Stirt.
Perennial. Shrub. Ht up to 1 m. Alt 700–800 m. NC
- racemosum** (Thunb.) C.H.Stirt.
Psoralea hilaris Eckl. & Zeyh. (4)
Psoralea racemosa Thunb. (4)
Perennial. Resprouting subshrub. Ht up to 0.8 m. Alt 600–1400 m. WC
- rotundifolium** (L.f.) C.H.Stirt.
Psoralea rotundifolia L.f. (4)
Perennial. Resprouting subshrub. Ht up to 0.2 m. Alt 430–530 m. WC
- rubicundum** C.H.Stirt.
Perennial. Shrub or subshrub. Ht up to 1.5 m. Alt 1000–1460 m. WC

- sericeum** (Poir.) C.H.Stirt.
Eriosema capitatum E.Mey. (4)
Psoralea pedunculata Ker Gawl. (4)
Psoralea sericea Poir. (4)
Psoralea tomentosum Thunb. (4)
Perennial. Shrub or subshrub. Ht up to 2 m. Alt 10–600 m. WC, EC
- spicatum** (L.) C.H.Stirt.
Psoralea spicata L. (4)
Perennial. Reseeding shrub. Ht up to 3 m. Alt 30–400 m. WC
- stachyerum** (Eckl. & Zeyh.) C.H.Stirt.
Psoralea stachyera Eckl. & Zeyh. (4)
Perennial. Reseeding shrub. Ht up to 3 m. Alt 200–1450 m. WC, EC
- striatum** (Thunb.) C.H.Stirt.
Psoralea eckloniana Otto (4)
Psoralea rupicola Eckl. & Zeyh. (4)
Psoralea stricta Thunb. (4)
Perennial. Tree or shrub. Ht up to 2.5 m. Alt 300–1000 m. NC, WC
- swartbergense** C.H.Stirt.
Perennial. Shrublet. Ht up to 0.3 m. Alt 1560–1860 m. WC
- thomii** (Harv.) C.H.Stirt.
Psoralea thomii Harv. (4)
Perennial. Resprouting subshrub. Ht up to 0.4 m. Alt 0–150 m. WC
- trianthum** (E.Mey.) C.H.Stirt.
Psoralea triantha E.Mey. (4)
Psoralea triflora Poir. (4)
Perennial. Shrub. Ht up to 2 m. Alt 100–500 m. WC
- uncinatum** (Eckl. & Zeyh.) C.H.Stirt.
Psoralea cephalotes E.Mey. (4)
Psoralea uncinata Eckl. & Zeyh. (4)
Perennial. Subshrub. Ht up to 0.9 m. Alt 0–750 m. WC
- venustum** (Eckl. & Zeyh.) C.H.Stirt.
Psoralea venusta Eckl. & Zeyh. (4)
Perennial. Subshrub. Ht up to 1 m. Alt 100–200 m. WC
- virgatum** (Burm.f.) C.H.Stirt.
O. decumbens (Aiton) C.H.Stirt. (7)
Psoralea decumbens Aiton (7)
Perennial. Trailing resprouting subshrub. Ht up to 0.2 m. Alt 0–400 m. WC, EC
- wilmsii** (Harms) C.H.Stirt.
Psoralea wilmsii Harms (4)
Perennial. Tree or shrub. Ht up to 3 m. Alt 950–2300 m. LIM, M, S, KZN
- zeyheri** (Harv.) C.H.Stirt.
Psoralea zeyheri Harv. (4)
Perennial. Resprouting subshrub. Ht up to 0.4 m. Alt 60–800 m. WC

OTOPTERA DC. 3906000

Compiled by T. Nkonki

(1) Schreiber. 1970. *FSWA* 60: 93, 94.**burchellii DC.***Vigna burchellii* (DC.) Harv. (1)

Perennial. Shrub, herb, climber. Ht 0.34–3 m. Alt 365–1650 m. N, B, LIM, NW, G, NC

PACHYRAPHEA C.Presl 3662040*propinqua* (E.Mey.) C.Presl = **Aspalathus triquetra***triquetra* (Thunb.) C.Presl = **Aspalathus triquetra***zeyheriana* C.Presl = **Aspalathus triquetra****PAHUDIA Miq.** 3511000*quanzensis* (Welw.) Prain = **Afzelia quanzensis*****PARASERIANTHES I.C.Nielsen** 3443010

Compiled by H.F. Glen

(1) Nielsen *et al.* 1983. *Bulletin du Muséum Nationale d'Histoire Naturelle* 5: 335–360.(2) Henderson. 2001. *Alien weeds and invasive plants*: 227, 252.**lophantha** (Willd.) I.C.Nielsen subsp. **lophantha***Acacia lophantha* Willd. (1)*Albizia distachya* (Vent.) J.F.Macbr. (1)*Albizia lophantha* (Willd.) Benth. (1)*Mimosa distachya* Vent. (1)

Perennial. Tree, shrub. Ht 2.4–15 m. Alt 15–600 m. WC, EC

PARASPALATHUS C.Presl 3662050*aemula* (E.Mey.) C.Presl = **Aspalathus aemula***araneosa* (L.) C.Presl = **Aspalathus araneosa***argentea* (L.) C.Presl = **Aspalathus caledonensis***ascendens* (E.Mey.) C.Presl = **Aspalathus quinquefolia** subsp. **virgata***callosa* (L.) C.Presl = **Aspalathus callosa***cancellata* C.Presl = **Aspalathus araneosa***capitata* (L.) C.Presl = **Aspalathus capitata***carnosa* (P.J.Bergius) C.Presl = **Aspalathus carnosa***cephalotes* (Thunb.) C.Presl = **Aspalathus cephalotes** subsp. **cephalotes***cerrhantha* (Eckl. & Zeyh.) C.Presl = **Aspalathus cerrhantha***cinerea* (Thunb.) C.Presl = **Aspalathus cytisoides***crocea* C.Presl = **Aspalathus abietina***cytisoides* (Lam.) C.Presl = **Aspalathus cytisoides***elongata* (Eckl. & Zeyh.) C.Presl = **Aspalathus quinquefolia** subsp. **virgata***ericifolia* (L.) C.Presl = **Aspalathus ericifolia** subsp. **ericifolia***erythrodes* (Eckl. & Zeyh.) C.Presl = **Aspalathus erythrodes***tagonoides* C.Presl = **Aspalathus tylodes***filiacaulis* (Eckl. & Zeyh.) C.Presl = **Aspalathus filiacaulis***galeata* (E.Mey.) C.Presl = **Aspalathus galeata***globosa* (Andrews) C.Presl = **Aspalathus globosa***heterophylla* ('Thunb.') C.Presl = **Aspalathus heterophylla***humifusa* C.Presl = **Aspalathus lotoides** subsp. **lotoides***intermedia* (Eckl. & Zeyh.) C.Presl = **Aspalathus intermedia***jacobaeva* (E.Mey.) C.Presl = **Aspalathus quinquefolia** subsp. **quinquefolia***lotoides* (Thunb.) C.Presl = **Aspalathus lotoides** subsp. **lotoides***melanoides* (Eckl. & Zeyh.) C.Presl = **Aspalathus nigra***meyeriana* (Eckl. & Zeyh.) C.Presl = **Aspalathus ciliaris**

multiflora (Thunb.) C.Presl = **Aspalathus vermiculata**
nigra (L.) C.Presl = **Aspalathus nigra**
nigrescens (E.Mey.) C.Presl = **Aspalathus nigra**
plukenetiana (Eckl. & Zeyh.) C.Presl = **Aspalathus rugosa**
procumbens (E.Mey.) C.Presl = **Aspalathus lotoides** subsp. **lotoides**
psoraloides C.Presl = **Aspalathus psoraleoides**
purpurascens (E.Mey.) C.Presl = **Aspalathus ternata**
sericea (P.J.Bergius) C.Presl = **Aspalathus sericea**
stellaris (Eckl. & Zeyh.) C.Presl = **Aspalathus aspalathoides**
stenophylla (Eckl. & Zeyh.) C.Presl = **Aspalathus stenophylla**
villosa (Thunb.) C.Presl = **Aspalathus villosa**
virgata (Thunb.) C.Presl = **Aspalathus quinquefolia** subsp. **virgata**

PARKINSONIA L. 3551000

Compiled by H.F. Glen

(1) Ross. 1977. *FSA* 16,2: 109–112.

(2) Henderson. 2001. *Alien weeds and invasive plants*: 120.

***aculeata L.**

Perennial. Tree, shrub. Ht 6–9 m. Alt 500–1200 m. N, B, LIM, M, S, FS, KZN, NC, EC

africana Sond.

Perennial. Tree, shrub. Ht 0.4–6 m. Alt 100–1350 m. N, LIM, NW, NC

PAULETIA Cav. 3528060

bowkeri (Harv.) A.Schmitz = **Bauhinia bowkeri**

tomentosa (L.) A.Schmitz = **Bauhinia tomentosa**

PEARSONIA Dummer 3657010

Compiled by T. Nkonki

(1) Polhill. 1974. *Kew Bulletin* 29: 383–410.

(2) Germishuizen. 1998. *Bothalia* 28: 57, 58.

aristata (Schinz) Dummer

Lotononis aristata Schinz (1)

Perennial. Herb. Ht 0.15–1.8 m. Alt 152–1940 m. LIM, G, M, S, KZN

atherstonei Dummer = **P. sessilifolia** subsp. **marginata**

bracteata (Benth.) Polhill

Lotononis bracteata Benth. (1)

Perennial. Herb. Ht 0.1–0.35 m. Alt 1525–1713 m. LIM, G

cajanifolia (Harv.) Polhill subsp. cajanifolia

Pleiospora cajanifolia Harv. (1)

Pleiospora gracilior Dummer (1)

Perennial. Shrub, herb. Ht 0.2–1.5 m. Alt 855–1740 m. LIM, NW, G, M, FS

cajanifolia (Harv.) Polhill subsp. cryptantha (Baker) Polhill

Eriosema cryptantha Baker (1)

Pleiospora bolusii Dummer (1)

Pleiospora cryptantha (Baker) Baker (1)

Perennial. Shrub, dwarf shrub, herb. Ht 0.25–1.5 m. Alt 946–2257 m. LIM, G, M

filifolia (Bolus) Dummer = **P. sessilifolia** subsp. **filifolia**

grandifolia (Bolus) Polhill subsp. grandifolia

Lotononis grandifolia Bolus (1)

Pleiospora grandifolia (Bolus) Dummer (1)

Perennial. Herb. Ht? Alt 880–2075 m. FS, KZN

grandifolia (Bolus) Polhill subsp. latibracteolata (Dummer) Polhill

Phaenohoffmannia latibracteolata (Dummer) J.B.Gillett (1)

Pleiospora latibracteolata Dummer (1)

Perennial. Herb. Ht? Alt ?–2285 m. G, M, KZN

hirsuta Germish.

Perennial. Herb. Ht up to 0.15 m. Alt? M

marginata Dummer = **P. sessilifolia** subsp. **marginata**

mucronata Burt Davy ex Baker f. = **P. sessilifolia** subsp. **sessilifolia**

obovata (Schinz) Polhill

Phaenohoffmannia obovata (Schinz) J.B.Gillett (1)

Pleiospora obovata Schinz (1)

Perennial. Herb. Ht 0.05–0.8 m. Alt 1235–2195 m. LIM, M

sessilifolia (Harv.) Dummer subsp. filifolia (Bolus) Polhill

Lotononis filifolia Bolus (1)

Lotononis rogersii Kensit (1)

P. filifolia (Bolus) Dummer (1)

Perennial. Herb. Ht 0.1–0.6 m. Alt 305–1675 m. LIM, M, S, KZN

sessilifolia (Harv.) Dummer subsp. marginata (Schinz) Polhill

Lotononis marginata Schinz (1)

Lotononis multiflora Schinz (1)

P. atherstonei Dummer (1)

P. marginata Dummer (1)

Perennial. Dwarf shrub, herb. Ht 0.2–1 m. Alt 300–2135 m. LIM, M, S, KZN

sessilifolia (Harv.) Dummer subsp. sessilifolia

Lotononis sessilifolia Harv. (1)

P. mucronata Burt Davy ex Baker f. (1)

Perennial. Dwarf shrub, herb. Ht 0.05–1 m. Alt 457–2195 m. LIM, NW, G, M, S, KZN

sessilifolia (Harv.) Dummer subsp. swaziensis (Bolus) Polhill

Lotononis swaziensis Bolus (1)

P. swaziensis (Bolus) Dummer (1)

Perennial. Dwarf shrub, herb. Ht 0.25–1 m. Alt 759–1371 m. M, S

swaziensis (Bolus) Dummer = **P. sessilifolia** subsp. **swaziensis**

uniflora (Kensit) Polhill

Lotononis uniflora Kensit (1)

Perennial. Herb. Ht 0.15–0.45 m. Alt 457–1525 m. LIM, NW, G, M, S

PELTARIA DC. 3661030

capensis Burm.f. = **Wiborgia fusca** subsp. **fusca**

PELTOPHORUM (Vogel) Benth. 3561000

Compiled by H.F. Glen

(1) Verdoorn. 1964. *The Flowering Plants of Africa* 36: t. 1434.

(2) Ross. 1977. *FSA* 16,2: 130–133.

(3) Lock. 1989. *Legumes of Africa*: 26.

africanum Sond.

Brasilettia africana (Sond.) Kuntze (2)

Perennial. Tree. Ht 0.5–18 m. Alt 60–1950 m. N, B, LIM, NW, G, M, S, KZN

PERLEBIA Spix & Mart. 3528070

galpinii (N.E.Br.) A.Schmitz = **Bauhinia galpinii**

macrantha (Oliv.) A.Schmitz = **Bauhinia petersiana**
subsp. **macrantha**

natalensis (Oliv. ex Hook.) A.Schmitz = **Bauhinia natalensis**

petersiana (Bolle) A.Schmitz = **Bauhinia petersiana**
subsp. **petersiana**

urbaniana (Schinz) A.Schmitz = **Bauhinia urbaniana**

PHAENOHOFFMANNIA Kuntze 3656000

latibracteolata (Dummer) J.B.Gillett = **Pearsonia grandifolia** subsp. **latibracteolata**

obovata (Schinz) J.B.Gillett = **Pearsonia obovata**

PHASEOLUS L. 3901000

amboensis Schinz = **Bolusia amboensis**

dinteri Harms = **Decorsea dinteri**

luteolus (Jacq.) Gagnep. = **Vigna luteola** var. **luteola**

schlechteri Harms = **Decorsea schlechteri**

vexillatus L. = **Vigna vexillata** var. **vexillata**

PHILENOPTERA Fenzl ex A.Rich. 3834010

Compiled by H.F. Glen

(1) Verdoorn. 1969. *The Flowering Plants of Africa* 39: t. 1543.

(2) Polhill. 1971. *FTEA Leguminosae*, part 3: 65–73.

(3) Ross. 1979. *The Flowering Plants of Africa* 46: t. 1820.

(4) Schrire. 2000. *Kew Bulletin* 55: 81–94.

bussei (Harms) Schrire

Lonchocarpus bussei Harms (4)

Lonchocarpus fischeri Harms (2)

Lonchocarpus menyhartii Schinz (2)

Perennial. Tree. Ht 3–15 m. Alt 200–400 m. M

nelsii (Schinz) Schrire

Dalbergia nelsii Schinz (2)

Lonchocarpus nelsii (Schinz) Schinz ex Heering & Grimme (4)

Perennial. Tree, shrub. Ht 1–12 m. Alt 850–1450 m.
N, B

sutherlandii (Harv.) Schrire

Millettia sutherlandii Harv. (4)

Perennial. Tree. Ht 2.5–21.5 m. Alt 50–750 m. S,
KZN, EC

violacea (Klotzsch) Schrire

Capassa violacea Klotzsch (2)

Derris violacea (Klotzsch) Harms (2)

Lonchocarpus capassa Rolfe (4)

Lonchocarpus violaceus (Klotzsch) Oliv. (2)

Perennial. Tree. Ht 4.5–20 m. Alt 50–1250 m. N, B,
LIM, M, S

PILIOSTIGMA Hochst. 3528010

Compiled by H.F. Glen

(1) Coetzer & Ross. 1977. *FSA* 16,2: 58–60.

thonningii (Schumach.) Milne-Redh.

Bauhinia thonningii Schumach. (1)

Locellaria bauhinioides Welw. (2)

Perennial. Tree, shrub. Ht 1–13 m. Alt 250–1525 m.
N, B, LIM, M

PLAGIOSTIGMA C.Presl 3662060

pineae (Thunb.) C.Presl = **Aspalathus pineae** subsp. **pineae**

PLEIOSPORA Harv. 3656010

bolusii Dummer = **Pearsonia cajanifolia** subsp. **cryptantha**

cajanifolia Harv. = **Pearsonia cajanifolia** subsp. **cajanifolia**

cryptantha (Baker) Baker = **Pearsonia cajanifolia** subsp. **cryptantha**

gracilior Dummer = **Pearsonia cajanifolia** subsp. **cajanifolia**

grandifolia (Bolus) Dummer = **Pearsonia grandifolia**
subsp. **grandifolia**

latibracteolata Dummer = **Pearsonia grandifolia**
subsp. **latibracteolata**

obovata Schinz = **Pearsonia obovata**

PODALYRIA Willd. 3621000

Compiled by H.F. Glen

(1) Harvey & Sonder. 1862. *FC* 2: 9–14.

(2) Bolus. 1934. *Journal of Botany, London* 72: 22.

(3) Schelpe. 1987. *The Flowering Plants of Africa* 49: t. 1958.

(4) Van Wyk & Schutte. 1994. *Nordic Journal of Botany* 14: 319–325.

amoena Eckl. & Zeyh.

Perennial. Shrub. Ht 1–2 m. Alt 300–800 m. WC, EC

angustifolia Eckl. & Zeyh. = **P. argentea**

anomala Lehm. = **P. sericea**

argentea Salisb.

P. angustifolia Eckl. & Zeyh. (1)

P. biflora Sims (1)

P. cuneifolia Eckl. & Zeyh. (1)

P. liparioides Eckl. & Zeyh. (1)

P. pedunculata Eckl. & Zeyh. (1)

P. subbiflora Benth. (1)

Perennial. Shrub. Ht 0.9–1.2 m. Alt 150–900 m. WC

argentea Eckl. & Zeyh. = **P. biflora**

aurea (Aiton) Willd. = **Calpurnia aurea** subsp. **aurea**

biflora Lam.

P. argentea Eckl. & Zeyh. (1)

Perennial. Shrub, dwarf shrub. Ht 0.4–2.5 m. Alt 50–
1000 m. WC

biflora Sims = **P. argentea**

burchellii DC.

P. burchellii Eckl. & Zeyh. (1)

P. lancifolia Eckl. & Zeyh. (1)

Perennial. Shrub. Ht 0.2–2.5 m. Alt 50–1450 m. WC,
EC

burchellii Eckl. & Zeyh. = **P. burchellii**

buxifolia Eckl. & Zeyh. = **P. myrtillifolia**

buxifolia Lam. = **P. glauca**

buxifolia (Retz.) Willd.

Perennial. Dwarf shrub. Ht 0.5–1.5 m. Alt 15–1050 m.
WC, EC

calyptrata (Retz.) Willd.

P. calyptrata (Retz.) Willd. var. *lanceolata* E.Mey. (3)

P. lanceolata Benth. (3)

P. myrtillifolia Eckl. & Zeyh. (1)

P. styracifolia Sims (1)

Perennial. Shrub. Ht 0.3–6 m. Alt 0–1250 m. WC, EC

calyptrata (Retz.) Willd. var. *lanceolata* E.Mey. = **P. calyptrata**

canescens E.Mey.

P. intermedia Eckl. & Zeyh. (1)

P. meyeriana Eckl. & Zeyh. (1)

P. thunbergiana Eckl. & Zeyh. (1)

Perennial. Shrub. Ht 0.7–2.5 m. Alt 300–1700 m. WC,
EC

- canescens* Eckl. & Zeyh. = **P. sericea**
capensis (L.) Willd. = **Virgilia oroboides** subsp. **oroboides**
chrysantha Adamson = **Stirtonanthus chrysanthus cordata** R.Br.
 Perennial. Shrub. Ht 0.5–4.5 m. Alt 300–1150 m. WC, EC
cuneifolia Eckl. & Zeyh. = **P. argentea**
cuneifolia Vent.
 Perennial. Shrub. Ht 0.3–3 m. Alt 0–1050 m. WC, EC
genistoides Willd. in part = **Cyclophia galioides**
glauc DC.
P. buxifolia Lam. (1)
P. mundiana Eckl. & Zeyh. (1)
P. sparsiflora Eckl. & Zeyh. (1)
 Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 50–1150 m. WC, EC
hamata E.Mey.
 Perennial. Shrub. Ht 0.6–1 m. Alt 60–300 m. WC
hirsuta (Aiton) Willd.
 Perennial. Shrub. Ht 0.7–2.5 m. Alt 50–1450 m. WC
insignis Compton = **Stirtonanthus insignis**
intermedia Eckl. & Zeyh. = **P. canescens**
lanceolata Benth. = **P. calyptrata**
lancifolia Eckl. & Zeyh. = **P. burchellii**
leipoldtii L.Bolus
 Perennial. Shrub. Ht 1–3 m. Alt 150–1150 m. NC, WC
liparioides Eckl. & Zeyh. = **P. argentea**
meyeriana Eckl. & Zeyh. = **P. canescens**
microphylla E.Mey.
 Perennial. Shrub. Ht 0.5–1 m. Alt 75–200 m. WC
montana Hutch.
 Perennial. Shrub. Ht 0.7–1 m. Alt 150–1150 m. WC, EC
mundiana Eckl. & Zeyh. = **P. glauca**
myrtillifolia Eckl. & Zeyh. = **P. calyptrata**
myrtillifolia (Retz.) Willd.
P. buxifolia Eckl. & Zeyh. (1)
 Perennial. Shrub. Ht 0.2–3 m. Alt 0–850 m. WC, EC
oleaefolia Salisb.
 Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 50–350 m. WC
orbicularis E.Mey.
 Perennial. Shrub. Ht up to 0.6 m. Alt 300–750 m. WC, EC
pearsonii E.Phillips
 Perennial. Shrub. Ht 0.3–1 m. Alt 300–1050 m. NC, WC
pedunculata Eckl. & Zeyh. = **P. argentea**
pulcherrima Schinz
 Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 100–750 m. WC
racemulosa Eckl. & Zeyh.
 Perennial. Shrub. Ht 0.4–1 m. Alt 30–300 m. WC
reticulata Harv.
 Perennial. Shrub. Ht 0.3–0.6 m. Alt 90–600 m. WC
sericea (Andrews) R.Br. ex W.T.Aiton
P. anomala Lehm. (1)
P. canescens Eckl. & Zeyh. (1)
 Perennial. Shrub. Ht 0.3–3 m. Alt 0–550 m. WC, EC
sparsiflora Eckl. & Zeyh. = **P. glauca**
speciosa Eckl. & Zeyh.
 Perennial. Shrub. Ht 0.3–1.5 m. Alt 75–575 m. WC
styracifolia Sims = **P. calyptrata**
subbiflora Benth. = **P. argentea**
tayloriana L.Bolus = **Stirtonanthus taylorianus**
thunbergiana Eckl. & Zeyh. = **P. canescens**
velutina Burch. ex Benth.
 Perennial. Shrub. Ht 0.4–3 m. Alt 50–600 m. FS, KZN, WC, EC
POINCIANA (Tourn. ex L.) L. 3556000
gilliesii Wall. ex Hook. = **Caesalpinia gilliesii**
pulcherrima L. = **Caesalpinia pulcherrima**
spinosa Molina = **Caesalpinia spinosa**
POLHILLIA C.H.Stirt. 3660020
 Compiled by T. Nkonki
 (1) Stirton. 1986. *South African Journal of Botany* 52: 167–180; 354–356.
 (2) Van Wyk & Schutte. 1989. *Kew Bulletin* 44,3: 420, 421.
 (3) Van Wyk. 1992. *Bothalia* 22: 42, 43.
brevicalyx (C.H.Stirt.) B.-E.van Wyk & A.L.Schutte
Argyrobium brevicalyx C.H.Stirt. (2)
 Perennial. Shrub. Ht 0.3–0.4 m. Alt ?–210 m. WC
canescens C.H.Stirt.
 Perennial. Shrub. Ht ?–1.5 m. Alt? WC
connata (Harv.) C.H.Stirt.
Argyrobium connatum Harv. (1)
Genista connata (Harv.) Briq. (1)
 Perennial. Shrub. Ht 1–1.2 m. Alt ?–1675 m. WC
involutrata (Thunb.) B.-E.van Wyk & A.L.Schutte
Argyrobium involutratum (Thunb.) Harv. (2)
Genista involutrata (Thunb.) Briq. (2)
Melolobium involutratum (Thunb.) C.H.Stirt. (2)
Psoralea involutrata Thunb. (2)
 Perennial. Shrub. Ht ?–1 m. Alt ?–1300 m. NC
obsoleta (Harv.) B.-E.van Wyk
Lebeckia waltersii C.H.Stirt. (3)
P. waltersii (C.H.Stirt.) C.H.Stirt. (3)
 Perennial. Shrub. Ht 0.5–0.8 m. Alt ± 300 m. WC
pallens C.H.Stirt.
 Perennial. Shrub. Ht ?–1 m. Alt ± 30 m. WC
waltersii (C.H.Stirt.) C.H.Stirt. = **P. obsoleta**
PRIESTLEYA DC. 3643000
 Compiled by T. Nkonki
 (1) Harvey & Sonder. 1862. *FC* 2: 15–20.
 (2) Druce. 1917. *Report of the Botanical Society and Exchange Club of the British Isles*: 1916.
 (3) Phillips. 1941. *The Flowering Plants of South Africa* 21: t. 833.
 (4) Adamson & Salter. 1950. *Flora of the Cape Peninsula*: 461, 462.
 (5) Oliver *et al.* 1992. *Bothalia* 22: 47–51.
 (6) Schutte & Van Wyk. 1994. *Taxon* 43: 573–582.
 (7) Schutte. 1997. *Nordic Journal of Botany* 17,1: 11–37.
angustifolia Eckl. & Zeyh. = **Liparia angustifolia**
boucheri E.G.H.Oliv. & Fellingham = **Liparia boucheri**
calycina L.Bolus = **Liparia calycina**
capitata (Thunb.) DC. = **Liparia capitata**

capitata (Thunb.) DC. var. *pilosa* (E.Mey.) Harv. =

Liparia capitata

cephalotes E.Mey. = **Liparia umbellifera**

cephalotes E.Mey. var. *angustifolia* E.Mey. = **Liparia umbellifera**

elliptica DC. = **Xiphotheca elliptica**

glauca Salter = **Xiphotheca lanceolata**

graminifolia (L.) DC. = **Liparia graminifolia**

guthriei L.Bolus = **Xiphotheca guthriei**

hirsuta (Thunb.) DC. = **Liparia hirsuta**

hirsuta (Thunb.) DC. var. *subenervia* Meisn. = **Liparia hirsuta**

hirsuta (Thunb.) DC. var. *trinervia* Meisn. = **Liparia hirsuta**

laevigata (L.) DC. = **Liparia laevigata**

laevigata (L.) DC. var. *glabra* E.Mey. = **Liparia capitata**

laevigata (L.) DC. var. *pilosa* E.Mey., excluding synonym = **Liparia capitata**

laevigata (L.) Druce

P. umbellifera Eckl. & Zeyh. (4)

Perennial. Shrub. Ht 1–2 m. Alt 610–1280 m. WC

lanceolata E.Mey. = **Xiphotheca lanceolata**

latifolia Benth. = **Liparia latifolia**

leiocarpa Eckl. & Zeyh. = **Liparia myrtifolia**

meyeri Meisn. = **Amphithalea imbricata**

myrtifolia DC. = **Liparia myrtifolia**

rotundifolia (Eckl. & Zeyh.) Walp. = **Xiphotheca tecta**

schlechteri L.Bolus = **Xiphotheca canescens**

sericea of author, concept invalid = **Xiphotheca reflexa**

stokoei L.Bolus = **Xiphotheca tecta**

tecta (Thunb.) DC. = **Xiphotheca tecta**

teres (Thunb.) DC. = **Liparia genistoides**

thunbergii Benth., illegitimate name = **Liparia laevigata**

thunbergii Benth. var. *villosa* Harv., illegitimate name =

Liparia laevigata

tomentosa (L.) Druce = **Liparia vestita**

umbellifera Eckl. & Zeyh. = **P. laevigata**

umbellifera (Thunb.) DC. = **Liparia umbellifera**

vestita (Thunb.) DC. = **Liparia vestita**

villosa DC., illegitimate name = **Xiphotheca fruticosa**

villosa (Thunb.) Druce = **Liparia angustifolia**

***PROSOPIS L. 3454000**

Compiled by T. Nkonki

(1) Isely. 1973. *Memoirs of the New York Botanical Garden* 25: 116–122.

(2) Ross. 1975. *FSA* 16,1: 6, 7.

(3) Burkart. 1976. *Journal of the Arnold Arboretum* 57: 219–249, 450–525.

chilensis (Molina) Stuntz

Perennial. Tree, shrub. Ht 3.5–10 m. Alt 90–1250 m. N, NC

elephantina (Burch.) E.Mey. = **Elephantorrhiza elephantina**

elephantorrhiza (DC.) Spreng. = **Elephantorrhiza elephantina**

glandulosa Torr. var. **glandulosa**

P. juliflora of author, not of (Sw.) DC., concept invalid (2)

Perennial. Tree, shrub. Ht 0.5–25 m. Alt 200–1400 m. N, B, NW, FS, NC, WC

glandulosa Torr. var. **torreyana** (Benson) Johnst.

Perennial. Tree, shrub. Ht 2–9 m. Alt 300–1300 m. N, NW, FS, NC, WC, EC

juliflora of author, not of (Sw.) DC., concept invalid =

P. glandulosa var. **glandulosa**

pubescens Benth.

Perennial. Tree, shrub. Ht 0.5–5 m. Alt 1000–1400 m. NC

velutina Wooton

Perennial. Tree, shrub. Ht 1–6 m. Alt 750–1400 m. NW, FS, NC, WC, EC

PSEUDARTHRIA Wight & Arn. 3808000

Compiled by T. Nkonki

(1) Gillett *et al.* 1971. *FTEA Leguminosae* (part 3,1): 483–487.

(2) Schrire. 1988. *Bothalia* 18: 17.

hookeri Wight & Arn. var. **hookeri**

Perennial. Dwarf shrub, herb. Ht 0.3–3 m. Alt 30–1525 m. LIM, M, S, KZN, EC

PSEUDOCADIA Harms 3580010

zambesiaca (Baker) Harms = **Xanthocercis zambesiaca**

PSILOLEPUS C.Presl 3662070

bracteatus (Thunb.) C.Presl = **Aspalathus bracteata**

lanatus (E.Mey.) C.Presl = **Aspalathus lanata**

pedunculatus (L'Hér.) C.Presl = **Aspalathus bracteata**

PSORALEA L. 3703000

Compiled by M. Jordaan & H.F. Glen

(1) Harvey. 1862. *FC* 2: 143–157.

(2) Forbes. 1930. *Bothalia* 3: 116–136.

(3) Salter. 1939. *Journal of South African Botany* 5: 45, 46.

(4) Verdoorn. 1947. *The Flowering Plants of Africa* 26: t. 1029.

(5) Sturton. 1984. *Journal of South African Botany* 50: 461, 462.

(6) Sturton. 1995. *Kew Bulletin* 50: 619–622.

(7) Sturton. 1998. *South African Journal of Botany* 64: 244, 245.

(8) Sturton & Schutte. 2000. In Goldblatt & Manning, *Strelitzia* 9: 500–503.

(9) Verdcourt. 2000. *FZ* 3,6: 48–50.

(10) Jordaan. Personal communication.

abbottii C.H.Stirt.

Perennial. Procumbent subshrub. Length up to 1.5 m. Alt 300–1000 m. KZN, EC

acaulis Stev. ap. Hoffm. = **Bituminaria acaulis**

aculeata L.

Perennial. Shrub. Ht up to 2 m. Alt 30–900 m. WC

aculeata Thunb. = **Otholobium fruticans**

acuminata Lam. = **Otholobium acuminatum**

affinis Eckl. & Zeyh.

Perennial. Shrub. Ht up to 3 m. Alt 100–1800 m. WC, EC

alata (Thunb.) T.M.Salter

Hallia alata Thunb. (3)

Perennial. Prostrate shrublet. Ht up to 0.1 m. Length up to 0.6 m. Alt 100–1050 m. WC

albicans Thunb. = **Otholobium argenteum**

algoensis Eckl. & Zeyh. = **Otholobium bracteolatum**

angustifolia Jacq.

- Perennial. Shrub or tree. Ht up to 4 m. Alt 330–1200 m. WC, EC
- aphylla** L.
P. decidua P.J.Bergius (1)
Perennial. Reseeding or resprouting shrub. Ht up to 4 m. Alt 80–1460 m. WC
- aphylla** L. × **P. pinnata** L.
Perennial. Shrub. Ht up to 1.5 m. Alt 250–1050 m. WC, EC
- argentea** Thunb. = **Otholobium argenteum**
- arborea** Sims
P. latifolia (Harv.) C.H.Stirt. (10)
P. pinnata L. var. *latifolia* Harv. (9)
Perennial. Shrub or subshrub. Ht up to 3 m. Alt 30–330 m. LIM, M, S, KZN, EC
- asarina** (P.J.Bergius) T.M.Salter
Hallia asarina (P.J.Bergius) Thunb. (3)
Perennial. Prostrate shrublet. Length up to 0.6 m. Alt 20–1400 m. WC
- axillaris** Eckl. & Zeyh., not of L. = **P. glaucina**
- axillaris** L.
Perennial. Shrub. Ht up to 3 m. Alt 330–800 m. WC, EC
- biflora** Harv. = **Cullen biflora**
- biovulata** Bolus = **Amphithalea biovulata**
- bituminosa** L. = **Bituminaria bituminosa**
- bolusii** H.M.L.Forbes = **Otholobium bolusii**
- bowieana** Harv. = **Otholobium bowieanum**
- bracteolata** Eckl. & Zeyh. = **Otholobium bracteolatum**
- caffra** Eckl. & Zeyh. = **Otholobium caffrum**
- candicans** Eckl. & Zeyh. = **Otholobium candicans**
- canescens** Eckl. & Zeyh. = **Otholobium canescens**
- carnea** E.Mey. = **Otholobium carneum**
- cataracta** C.H.Stirt.
Hallia filiformis Harv. (5)
Perennial. Prostrate shrublet. Length up to 0.6 m. Alt 150–600 m. WC
- cephalotes** E.Mey. = **Otholobium uncinatum**
- cordata** (L.) Salter = **P. monophylla**
- corylifolia** L. = **Cullen corylifolia**
- cuneifolia** Dum.Cours. = **Otholobium fruticans**
- cytisoides** L. = **Indigofera cytisoides**
- decidua** P.J.Bergius = **P. aphylla**
- decumbens** Aiton = **Otholobium virgatum**
- decumbens** Willd. = **Otholobium mundianum**
- densa** E.Mey. = **Otholobium acuminatum**
- diffusa** Eckl. & Zeyh. = **P. repens**
- drupacea** Bunge = **Cullen drupacea**
- eckloniana** Otto = **Otholobium striatum**
- ensifolia** (Houtt.) Merr.
Perennial. Resprouting shrub. Ht up to 1.2 m. Alt 0–1250 m. WC, EC
- fascicularis** DC.
P. thunbergiana Eckl. & Zeyh. (1)
Perennial. Resprouting shrub. Ht up to 2.5 m. Alt 100–600 m. WC
- filifolia** Thunb.
Perennial. Resprouting shrub. Ht up to 3 m. Alt 0–750 m. WC
- foliosa** Oliv. var. *gazensis* Baker f. = **Otholobium foliosum** subsp. **gazense**
- fruticans** (L.) Druce = **Otholobium fruticans**
- glaucescens** Eckl. & Zeyh.
Perennial. Shrub. Ht up to 2 m. Alt 760–1260 m. NC, WC
- glaucina** Harv.
P. axillaris Eckl. & Zeyh., not of L. (1)
Perennial. Shrubby. Ht 0.3–0.6 m. Alt 0–500 m. WC
- glabra** E.Mey.
P. pinnata L. var. *glabra* (E.Mey.) Harv. (9)
Perennial. Subshrub. Ht up to 1.5 m. Alt 0–300 m. KZN
- gueinzii** Harv.
Perennial. Subshrub. Ht up to 1 m. Alt 100–1250 m. WC
- hamata** Harv. = **Otholobium hamatum**
- heterosepala** Fourc. = **Otholobium heterosepalum**
- hilaris** Eckl. & Zeyh. = **Otholobium racemosum**
- hirta** L. = **Otholobium hirtum**
- holubii** Burt Davy = **Cullen holubii**
- imbricata** (L.) T.M.Salter
Hallia imbricata (L.) Thunb. (3)
Perennial. Resprouting shrublet. Ht up to 0.5 m. Alt 180–800 m. WC
- involuta** Thunb. = **Polhillia involucreta**
- jaubertiana** Fenzl = **Cullen jaubertiana**
- keetii** Schönland
Perennial. Resprouting shrub. Ht up to 2 m. Alt 830–1560 m. WC, EC
- latifolia** (Harv.) C.H.Stirt. = **P. arborea**
- laxa** T.M.Salter
Hallia virgata Thunb. (3)
Perennial. Prostrate shrublet. Length up to 0.4 m. Alt 30–1160 m. WC
- linearis** Burm.f. = **Aspalathus linearis**
- macradenia** Harv. = **Otholobium macradenium**
- monophylla** (L.) C.H.Stirt.
Hallia cordata (L.) Thunb. (5)
P. cordata (L.) Salter (5)
Perennial. Resprouting shrublet. Ht up to 0.3 m. Alt 230–1700 m. WC
- mundiana** Eckl. & Zeyh. = **Otholobium mundianum**
- obliqua** E.Mey. = **Otholobium obliquum**
- obtusifolia** DC. = **Cullen tomentosum**
- odorata** Blatt. & Halb. = **Cullen plicata**
- odoratissima** Jacq.
Perennial. Shrub. Ht up to 2 m. Alt 300–1330 m. WC
- oligophylla** Eckl. & Zeyh.
Perennial. Resprouting shrub. Ht up to 2 m. Alt 0–1850 m. WC, EC
- oreophila** Schltr.
Perennial. Shrubby. Ht up to 0.5 m. Alt 460–1660 m. WC
- parviflora** E.Mey. = **Otholobium parviflorum**
- patersoniae** Schönland = **Cullen corylifolia**

- pedunculata* Ker Gawl. = **Otholobium sericeum**
peratica C.H.Stirt.
 Perennial. Tree or shrub. Ht up to 5 m. Alt 500–750 m. WC
- pinnata** L.
 Perennial. Tree or shrub. Ht up to 4 m. Alt 230–1060 m. WC
- pinnata* L. var. *glabra* (E.Mey.) Harv. = **P. glabra**
pinnata L. var. *latifolia* Harv. = **P. arborea**
- plauta** C.H.Stirt.
Hallia flaccida Thunb. (5)
 Perennial. Prostrate shrublet. Length up to 0.6 m. Alt 240–1500 m. WC, EC
- plicata* Delile = **Cullen plicata**
polyphylla Eckl. & Zeyh. = **Otholobium polyphyllum**
polysticta Benth. ex Harv. = **Otholobium polystictum**
racemosa Thunb. = **Otholobium racemosum**
- repens** L.
P. diffusa Eckl. & Zeyh. (1)
 Perennial. Prostrate shrublet. Ht up to 0.2 m. Alt 0–50 m. WC, EC
- restioides** Eckl. & Zeyh.
 Perennial. Reseeding shrublet. Ht up to 0.6 m. Alt 30–960 m. WC
- rotundifolia* L.f. = **Otholobium rotundifolium**
royffei H.M.L.Forbes = **Otholobium caffrum**
rupicola Eckl. & Zeyh. = **Otholobium striatum**
sericea Poir. = **Otholobium sericeum**
spathulata E.Mey. = **Otholobium mundianum**
- speciosa** Eckl. & Zeyh.
 Perennial. Shrub. Ht up to 2 m. Alt 600–1200 m. WC, EC
- spicata* L. = **Otholobium spicatum**
stachydis L.f. = **Otholobium hirtum**
stachyera Eckl. & Zeyh. = **Otholobium stachyerum**
stachyos Thunb. = **Otholobium hirtum**
stricta Thunb. = **Otholobium striatum**
- tenuifolia** L.
 Perennial. Shrub or tree. Ht up to 5 m. Alt 260–830 m. WC
- tenuissima** E.Mey.
 Perennial. Shrublet. Ht 0.3–0.6 m. Alt 960–1330 m. WC
- tetragonoloba* L. = **Cyamopsis tetragonoloba**
thomii Harv. = **Otholobium thomii**
thunbergiana Eckl. & Zeyh. = **P. fascicularis**
tomentosum Thunb. = **Otholobium sericeum**
triantha E.Mey. = **Otholobium trianthum**
triflora Poir. = **Otholobium trianthum**
- triflora** Thunb.
 Perennial. Resprouting shrub. Ht up to 2 m. Alt 100–1000 m. WC, EC
- uncinata* Eckl. & Zeyh. = **Otholobium uncinatum**
venusta Eckl. & Zeyh. = **Otholobium venustum**
- verrucosa** Willd.
 Perennial. Shrub. Ht up to 2 m. Alt 400–1600 m. WC, EC

- wilmsii* Harms = **Otholobium wilmsii**
zeyheri Harv. = **Otholobium zeyheri**
- PTEROCARPUS** Jacq. 3828000
 Compiled by H.F. Glen
 (1) Phillips. 1936. *The Flowering Plants of South Africa* 16: t. 622.
 (2) Polhill. 1971. *FTEA Leguminosae*, part 3: 81–91.
 (3) Rojo. 1971. *Phanerogamarum Monographiae* 5: 1–119.
 (4) Ross. 1976. *The Flowering Plants of Africa* 43: t. 1700.
- angolensis** DC.
P. bussei Harms (2)
 Perennial. Tree. Ht 5–20 m. Alt 300–1550 m. N, LIM, M, S, KZN
- antunesii* (Taub.) Harms = **P. lucens** subsp. **antunesii**
bussei Harms = **P. angolensis**
- lucens** Lepr. ex Guill. & Perr. subsp. **antunesii** (Taub.) Rojo
P. antunesii (Taub.) Harms (3)
 Perennial. Tree. Ht 2.5–18 m. Alt 300–1150 m. N, B, LIM
- peltaria* DC. = **Wiborgia fusca** subsp. **fusca**
polyanthus Harms = **P. rotundifolius** subsp. **polyanthus**
rotundifolius (Sond.) Druce subsp. **polyanthus** (Harms) Mendonça & E.C.Sousa
P. polyanthus Harms (2)
 Perennial. Tree. Ht 3–20 m. Alt 850–1000 m. N, B
- rotundifolius** (Sond.) Druce subsp. **rotundifolius**
Dalbergia rotundifolia Sond. (2)
 Perennial. Tree, shrub. Ht 3–20 m. Alt 0–1550 m. N, B, LIM, NW, G, M, S, KZN
- PTEROLOBIUM** R.Br. ex 3553000
 Wight & Arn.
 Compiled by T. Nkonki
 (1) Ross. 1977. *FSA* 16,2: 114–117.
 (2) Ross. 1982. *The Flowering Plants of Africa* 47: t. 1858.
- exosum* (J.F.Gmel.) Baker f. = **P. stellatum**
lacerans R.Br. = **P. stellatum**
- stellatum** (Forssk.) Brenan
Acacia stellata (Forssk.) Willd. (1)
Cantuffa exosa J.F.Gmel. (1)
Mimosa stellata Forssk. (1)
P. exosum (J.F.Gmel.) Baker f. (1)
P. lacerans R.Br. (1)
Quartinia abyssinica A.Rich. (1)
 Perennial. Shrub, climber. Ht 3–15 m. Alt 250–1550 m. LIM, M
- PTYCHOLOBIUM** Harms 3717010
 Compiled by T. Nkonki
 (1) Brummitt. 1965. *Regnum Vegetabile* 40: 24.
- biflorum** (E.Mey.) Brummitt subsp. **angolensis** (Baker) Brummitt
Sylitra angolensis Baker (1)
 Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 420–1665 m. N
- biflorum** (E.Mey.) Brummitt subsp. **biflorum**
Sylitra biflora E.Mey. (1)
 Perennial. Dwarf shrub, herb. Ht 0.3–0.4 m. Alt 610–1442 m. N, NC
- contortum** (N.E.Br.) Brummitt
Sylitra contorta (N.E.Br.) Baker f. (1)
Tephrosia contorta N.E.Br. (1)

Perennial. Dwarf shrub, herb. Ht 0.2–0.8 m. Alt 275–1100 m. B, LIM

plicatum (Oliv.) Harms subsp. **plicatum**

Tephrosia plicata Oliv. (3)

Perennial. Dwarf shrub, herb. Ht 0.2–0.4 m. Alt 244–1129 m. B, LIM, NW, G, M, S

***PUERARIA** DC. 3889000

Compiled by T. Nkonki

(1) Ohwi. 1965. *Flora of Japan*: 570.

(2) Maesen. 1985. *Agricultural University of Wageningen, Papers* 85-1: 1–132.

ficifolia (Benth.) L. Bolus = **Neorautanenia ficifolius**

lobata (Willd.) Ohwi var. **lobata**

Dolichos hirsutus Thunb. (2)

Perennial. Herb, climber. Ht up to 30 m. Alt 750–1000 m. M

PUSAETHA L. ex Kuntze 3468030

wahlbergii (Harv.) Kuntze = **Entada wahlbergii**

QUARTINIA A. Rich. 3553020

abyssinica A. Rich. = **Pterolobium stellatum**

RAFNIA Thunb. 3654000

Compiled by T. Nkonki & N. Swelankomo

(1) Harvey & Sonder. 1862. *FC* 2: 31–39.

(2) Schinz. 1894. *Bulletin de l'Herbier Boissier* 2: 183–228.

(3) Campbell & Van Wyk. 2001. *South African Journal of Botany* 67: 90–149.

acuminata (E. Mey.) G.J. Campbell & B.-E. van Wyk

Borbonia perfoliata Thunb. (3)

R. perfoliata of author, not of (L.) Willd. (3)

Vascoa perfoliata (Thunb.) DC. var. *acuminata* (E. Mey.) Walp. (3)

Perennial. Shrub. Ht ?–0.3 m. Alt? WC

affinis Harv. = **R. elliptica**

alata G.J. Campbell & B.-E. van Wyk

Perennial. Shrub. Ht 0.15–0.4 m. Alt 30–1830 m. WC

alpina Eckl. & Zeyh. = **R. triflora**

amplexicaulis Thunb.

Crotalaria amplexicaulis L. (3)

Crotalaria reniformis Lam. (3)

R. virens E. Mey. (3)

Vascoa amplexicaulis DC. (1)

Perennial. Shrub. Ht 0.3–2.5 m. Alt 30–1295 m. NC, WC

angulata Thunb. subsp. **angulata**

R. angulata Thunb. var. *angustifolia* (Thunb.) E. Mey.

R. angulata Thunb. var. *filifolia* (Thunb.) E. Mey.

R. angulata Thunb. var. *latifolia* Harv.

R. filifolia Thunb. in part. (3)

Perennial. Dwarf shrub. Ht 0.3–2.2 m. Alt 75–2100 m. WC

angulata Thunb. subsp. **ericifolia** (T.M. Salter)

G.J. Campbell & B.-E. van Wyk

R. ericifolia T.M. Salter (3)

Perennial. Shrub. Ht 0.2–0.5 m. Alt ?–92 m. WC

angulata Thunb. subsp. **humilis** (Eckl. & Zeyh.)

G.J. Campbell & B.-E. van Wyk

R. humilis Eckl. & Zeyh. (3)

Perennial. Shrub. Ht ?–0.2 m. Alt? WC

angulata Thunb. subsp. **montana** G.J. Campbell & B.-E. van Wyk

Perennial. Shrub. Ht ?–0.15 m. Alt ?–2100 m. WC

angulata Thunb. subsp. **thunbergii** (Harv.) G.J. Campbell & B.-E. van Wyk

R. filifolia Thunb. in part. (3)

R. thunbergii Harv. (3)

Perennial. Dwarf shrub. Ht ?–1.5 m. Alt? WC

angulata Thunb. var. *angustifolia* (Thunb.) E. Mey. = **R. angulata** subsp. **angulata**

angulata Thunb. var. *filifolia* (Thunb.) E. Mey. = **R. angulata** subsp. **angulata**

angulata Thunb. var. *latifolia* Harv. = **R. angulata** var. **angulata**

axillaris in sense of Eckl. & Zeyh., not of Thunb. = **R. crassifolia**

axillaris Thunb. = **R. elliptica**

capensis (L.) Schinz subsp. **capensis**

Perennial. Shrub, dwarf shrub. Ht 0.2–1.2 m. Alt 61–1829 m. WC

capensis (L.) Schinz subsp. **calycina** G.J. Campbell & B.-E. van Wyk

Perennial. Shrub. Ht 0.2–0.5 m. Alt 610–793 m. WC

capensis (L.) Schinz subsp. **carinata** G.J. Campbell & B.-E. van Wyk

Perennial. Shrub. Ht 0.3–0.4 m. Alt 960–1450 m. WC

capensis (L.) Schinz subsp. **dichotoma** (Eckl. & Zeyh.) G.J. Campbell & B.-E. van Wyk

R. dichotoma Eckl. & Zeyh. (3)

R. gibba (E. Mey.) Druce (3)

Perennial. Shrub. Ht 0.2–1 m. Alt 1128–1800 m. WC

capensis (L.) Schinz subsp. **elsieae** G.J. Campbell & B.-E. van Wyk

Perennial. Dwarf shrub. Ht ?–0.3 m. Alt 1525–1678 m. WC

capensis (L.) Schinz subsp. **ovata** (P.J. Bergius) G.J. Campbell & B.-E. van Wyk

R. cuneifolia Thunb. (3)

R. cuneifolia Thunb. var. *lanceolata* Harv. (3)

R. cuneifolia Thunb. var. *obovata* Harv., superfluous name (3)

R. cuneifolia Thunb. var. *rhomboidea* (E. Mey.) Harv. (3)

R. ovata (P.J. Bergius) Schinz (3)

R. rhomboidea (E. Mey.) Walp. (3)

Perennial. Shrub. Ht 0.1–3 m. Alt 244–1037 m. WC

capensis (L.) Schinz subsp. **pedicellata** G.J. Campbell & B.-E. van Wyk

Perennial. Dwarf shrub. Ht 0.35–0.5 m. Alt 30–458 m. WC

cordata Eckl. & Zeyh. = **R. capensis** subsp. **ovata**

cordata (L.) Mart. = **R. triflora**

crassifolia Harv.

R. axillaris in sense of Eckl. & Zeyh., not of Thunb. (3)

Perennial. Shrub, dwarf shrub. Ht 0.3–1.2 m. Alt 10–610 m. WC

crispa C.H. Stirt.

Perennial. Dwarf shrub, herb. Ht ?–0.4 m. Alt? WC

cuneifolia in sense of E. Mey., not of Thunb. = **R. elliptica**

cuneifolia Thunb. = **R. capensis** subsp. **ovata**

cuneifolia Thunb. var. *lanceolata* Harv. = **R. capensis** subsp. **ovata**

cuneifolia Thunb. var. *obovata* Harv., superfluous name = **R. capensis** subsp. **ovata**

cuneifolia Thunb. var. *rhomboidea* (E.Mey.) Harv. = **R. capensis** subsp. *ovata*

dichotoma Eckl. & Zeyh. = **R. capensis** subsp. *dichotoma*

diffusa Eckl. & Zeyh. = **R. triflora**

diffusa Thunb.

R. retroflexa in sense of Benth. (3)

Perennial. Shrub, dwarf shrub. Ht 0.1–2 m. Alt 30–1219 m. WC

divaricata Eckl. & Zeyh. ms. (never published)

elliptica Thunb.

R. affinis Harv. (3)

R. axillaris Thunb. (3)

R. cuneifolia in sense of E.Mey., not of Thunb. (3)

R. elliptica Benth. (1)

R. elliptica Thunb. var. *acuminata* Harv. (3)

R. elliptica Thunb. var. *erecta* Harv. (3)

R. elliptica Thunb. var. *intermedia* (Walp.) Harv. (3)

R. erecta in sense of Eckl. & Zeyh., not of Thunb. (3)

R. intermedia Benth. (1)

R. intermedia Vogel ex Walp. (3)

R. retroflexa in sense of Eckl. & Zeyh., not of Thunb. (3)

Perennial. Shrub. Ht 0.3–1 m. Alt 30–1341 m. KZN, WC, EC

elliptica Benth. = **R. elliptica**

elliptica Thunb. var. *acuminata* Harv. = **R. elliptica**

elliptica Thunb. var. *erecta* Harv. = **R. elliptica**

elliptica Thunb. var. *intermedia* (Walp.) Harv. = **R. elliptica**

erecta in sense of Eckl. & Zeyh., not of Thunb. = **R. elliptica**

ericifolia T.M.Salter = **R. angulata** subsp. *ericifolia*

fastigiata Eckl. & Zeyh. = **R. triflora**

filifolia Thunb. in part = **R. angulata** subsp. *angulata*

filifolia Thunb. in part = **R. angulata** subsp. *thunbergii*

gibba (E.Mey.) Druce = **R. capensis** subsp. *dichotoma*

globosa G.J.Campbell & B.-E.van Wyk

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 488–820 m. WC

humilis Eckl. & Zeyh. = **R. angulata** subsp. *humilis*

inaequalis G.J.Campbell & B.-E.van Wyk

Perennial. Dwarf shrub. Ht ?–1 m. Alt? WC

intermedia Benth. = **R. elliptica**

intermedia Vogel ex Walp. = **R. elliptica**

lancea Eckl. & Zeyh.

Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt ?–61 m. WC

meyeri Schinz = **R. ovata**

ovata E.Mey.

R. meyeri Schinz.

Perennial. Dwarf shrub. Ht ?–1.2 m. Alt? WC

ovata (P.J.Bergius) Schinz = **R. capensis** subsp. *ovata*

perfoliata of author, not of (L.) Willd. = **R. acuminata**

racemosa Eckl. & Zeyh. subsp. *pumila* G.J.Campbell & B.-E.van Wyk

Perennial. Shrub, dwarf shrub. Ht 0.2–0.3 m. Alt? WC

racemosa Eckl. & Zeyh. subsp. *racemosa*

Perennial. Shrub. Ht 0.3–1.5 m. Alt 365–1798 m. WC

retroflexa in sense of Benth. = **R. diffusa**

retroflexa in sense of Eckl. & Zeyh., not of Thunb. = **R. elliptica**

retroflexa Thunb. var. β Thunb. ex Kies, naked name = **Cyclopia sessiliflora**

rhomboidea (E.Mey.) Walp. = **R. capensis** subsp. *ovata*

rostrata G.J.Campbell & B.-E.van Wyk subsp. *pluriflora* G.J.Campbell & B.-E.van Wyk

Perennial. Dwarf shrub. Ht? Alt? WC

rostrata G.J.Campbell & B.-E.van Wyk subsp. *rostrata*
Perennial. Dwarf shrub. Ht ?–0.3 m. Alt 976–1800 m. WC

schlechteriana Schinz

Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt 300–1400 m. WC

spicata Thunb.

Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 488–1400 m. WC

thunbergii Harv. = **R. angulata** subsp. *thunbergii*

triflora Thunb.

R. alpina Eckl. & Zeyh. (1)

R. cordata (L.) Mart. (3)

R. diffusa Eckl. & Zeyh. (1)

R. fastigiata Eckl. & Zeyh. (3)

Perennial. Shrub. Ht 0.3–2 m. Alt 10–915 m. KZN, WC

virens E.Mey. = **R. amplexicaulis**

vlokii G.J.Campbell & B.-E.van Wyk

Perennial. Dwarf shrub. Ht ?–2 m. Alt? WC

REICHARDIA Roth 3553030

decapetala Roth = **Caesalpinia decapetala**

REQUIENIA DC. 3718010

Compiled by T. Nkonki & N. Swelankomo

(1) Schreiber. 1970. *FSWA* 60: 99, 100.

pseudosphaerosperma (Schinz) Brummitt

Tephrosia pseudosphaerosperma Schinz (2)

Perennial. Shrub, herb. Ht 0.9–1.5 m. Alt 885–1300 m. N, B, LIM, NW

sphaerosperma DC.

Tephrosia sphaerosperma (DC.) Baker (2)

Perennial. Herb. Ht 0.2–1 m. Alt 900–1485 m. N, B, NW, FS, NC

RHYNCHOSIA Lour. 3897000

Compiled by G. Germishuizen

(1) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 383, 384.

(2) Brown. 1906. *Kew Bulletin* 1906: 103.

(3) Baker. 1921. *Bothalia* 1: 113–138.

(4) Killick. 1967. *The Flowering Plants of Africa* 38: t. 1497.

(5) Schreiber. 1970. *FSWA* 60: 100–106.

(6) Gillett *et al.* 1971. *FTEA Leguminosae*, part 4: 711–761.

(7) Germishuizen. 1987. *Bothalia* 17: 181, 182.

(8) Lebrun & Stork. 1992. *Énumération des plantes à fleurs d'Afrique tropicale* 2: 112–114.

(9) Germishuizen & Condy. 1994. *Flowering Plants of Africa* 53: 32–35, t. 2087.

(10) Retief & Herman. 1997. *Strelitzia* 6: 465–467.

(11) Germishuizen. 1998. *Bothalia* 28: 58–60.

(12) Verdcourt. 1999. *Kew Bulletin* 55: 137–146.

(13) Germishuizen & Schutte. 2000. In Goldblatt & Manning, *Strelitzia* 9: 509, 510.

adenodes Eckl. & Zeyh.

R. amatymbica Eckl. & Zeyh. (3)

- Perennial. Herb, prostrate. Ht 0.1–0.6 m. Alt 10–2195 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC
- albiflora* (Sims) Alston = **R. hirta**
- albissima** Gand.
Perennial. Subshrub, herb. Ht 0.3–1.2 m. Alt 90–1250 m. B, LIM, NW, G, M, S, KZN
- amatymbica* Eckl. & Zeyh. = **R. adenodes**
- angulosa** Schinz
Perennial. Herb. Ht ± 0.6 m. Alt 915–1450 m. M, S
- angustifolia** (Jacq.) DC.
R. uniflora Harv. (3)
Perennial. Climbing shrub. Ht? Alt? WC
- argentea** (Thunb.) Harv.
Glycine argentea Thunb. (3)
Perennial. Climbing shrub. Ht? Alt 360–1280 m. WC, EC
- arida** C.H.Stirt.
Perennial. Shrub. Ht up to 1 m. Alt 260–450 m. WC
- atropurpurea** Germish.
Perennial. Shrub, herb, climber. Ht up to 1 m. Alt? LIM, NW, M
- bullata** Benth. ex Harv.
Perennial. Shrublet. Ht 0.3–0.8 m. Alt 182–1065 m. NC, WC
- cajanoides* Guill. & Perr. = **Eriosema psoraleoides**
- calvescens** Meikle
R. caribaea in sense of Baker f., not of (Jacq.) DC. in part (3)
Perennial. Herb, climber. Ht up to 1.5 m. Alt 155–855 m. KZN, EC
- candida** (Welw. ex Hiern) Torre
R. memnonia (Delile) DC. var. *candida* (Welw. ex Hiern) Baker f. (5)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 550–750 m. N
- capensis** (Burm.f.) Schinz
Perennial. Herb, climber. Ht 0.15–1 m. Alt 6–1275 m. WC, EC
- caribaea* in sense of Baker f., not of (Jacq.) DC. in part = **R. calvescens**
- caribaea* in sense of F.White, not of (Jacq.) DC. = **R. stipitata**
- caribaea** (Jacq.) DC.
Glycine caribaea Jacq. (5)
R. congestiflora Schinz (5)
Perennial. Herb, climber. Ht 0.3–1 m. Alt 5–2010 m. N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC
- chrysadenia* Taub. = **R. densiflora** subsp. **chrysadenia**
- chrysantha** Schltr. ex Zahlbr. (insufficiently known)
Perennial. Herb. Ht? Alt? KZN
- chrysoscias** Benth. ex Harv.
Chrysoscias grandiflora E.Mey. (3)
Perennial. Climbing, resprouting shrub. Ht up to 1 m. Alt 154–700 m. WC, EC
- ciliata** (Thunb.) Schinz
Perennial. Resprouting shrublet or dwarf shrub. Ht 0.05–0.3 m. Alt 215–1980 m. WC, EC
- clivorum** S.Moore var. **clivorum**
Flemingia macrocalyx Baker f. (6)
Perennial. Shrub, herb. Ht 0.4–3 m. Alt 610–2000 m. LIM, M, S
- confusa** Burt Davy
R. nervosa Benth. & Harv. var. *pauciflora* Harv. (3)
Perennial. Herb, climber. Ht 0.1–0.4 m. Alt 370–1560 m. N, B, LIM, NW, G, FS
- congestiflora* Schinz = **R. caribaea**
- connata** Baker f. (insufficiently known)
Perennial. Climber. Ht? Alt? KZN
- cooperi** (Harv. ex Baker f.) Burt Davy
Perennial. Herb, climber. Ht? Alt 260–1830 m. KZN, L, EC
- crassifolia** Benth.
R. longipes Harms (3)
Perennial. Herb, procumbent, climber. Ht 0.2–0.3 m. Alt 610–1525 m. LIM, NW, G, M, S, KZN
- cyanosperma* Baker = **R. hirta**
- densiflora** (Roth) DC. subsp. **chrysadenia** (Taub.) Verdc.
R. chrysadenia Taub. (6)
R. fischeri Harms (6)
Perennial. Herb, climber. Ht 0.3–2 m. Alt 150–1372 m. N, B, LIM, NW, G, M, S, KZN
- desertorum* Harms = **R. fleckii**
- dieterlenae** Baker f.
Perennial. Herb, climber. Ht? Alt ?–1830 m. L
- dinteri* Schinz = **R. namaensis**
- dregei* (E.Mey.) Steud. = **Eriosema dregei**
- emarginata** Germish.
Perennial. Shrub. Ht 0.6–1 m. Alt 460–840 m. NC
- ferulifolia** Benth. ex Harv.
Perennial. Subshrub. Ht up to 0.1 m. Alt 15–380 m. WC
- ficifolia* Benth. = **Neorautanenia ficifolius**
- fischeri* Harms = **R. densiflora** subsp. **chrysadenia**
- fleckii** Schinz
R. desertorum Harms (5)
R. oligantha Harms (5)
Perennial. Herb. Ht? Alt? N
- foliosa** Markötter (insufficiently known)
Perennial. Herb. Ht up to 0.6 m. Alt? KZN
- galpinii** Baker f.
Perennial. Shrub. Ht up to 0.9 m. Alt 245–876 m. LIM, M, KZN
- grandifolia** Steud. (insufficiently known)
Perennial. Herb. Ht? Alt? EC
- harmsiana** Schltr. ex Zahlbr. var. **burchellii** Burt Davy
Perennial. Herb, climber. Ht? Alt? EC
- harmsiana** Schltr. ex Zahlbr. var. **harmsiana**
Perennial. Herb, climber. Ht up to 1 m. Alt 365–1981 m. LIM, G, S, KZN, WC, EC
- harveyi** Eckl. & Zeyh.
Perennial. Herb, climber. Ht up to 0.3 m. Alt 90–1525 m. KZN, EC
- hirsuta** Eckl. & Zeyh.
Perennial. Herb, climber. Ht ± 0.2 m. Alt 10–2285 m. LIM, G, S, FS, KZN, L, EC
- hirsuta* Schinz = **R. venulosa**
- hirta** (Andrews) Meikle & Verdc.
Dolichos hirtus Andrews (6)
R. albiflora (Sims) Alston (6)
R. cyanosperma Baker (6)

- Perennial. Herb, climber. Ht 2–8 m. Alt 755–1065 m. LIM, M
- holosericea** Schinz
Perennial. Herb, climber. Ht? Alt 915–1372 m. N, B, NW, FS, NC
- jacottetii* Schinz = **R. reptabunda**
- komatiensis** Harms
Perennial. Shrub. Ht 0.7–1.2 m. Alt 303–1435 m. LIM, M, S
- leucoscias** Benth. ex Harv.
Chrysoscias calucina E.Mey. (3)
Cylista argentea Eckl. & Zeyh. (3)
Perennial. Climbing shrub. Ht? Alt 15–1030 m. WC, EC
- longipes* Harms = **R. crassifolia**
- memnonia* (Delile) DC. var. *candida* (Welw. ex Hiern) Baker f. = **R. candida**
- memnonia* (Delile) DC. var. *prostrata* Harv. = **R. minima** var. **prostrata**
- microscias** Benth.
Chrysoscias parviflora E.Mey. (3)
Perennial. Climbing shrub. Ht up to 1.5 m. Alt 155–1065 m. WC, EC
- minima** (L.) DC. var. *falcata* (E.Mey.) Verdc.
Perennial. Herb, climber. Ht? Alt? N, B, LIM, NW, M, S, KZN
- minima** (L.) DC. var. **minima**
Dolichos minimus L. (6)
Perennial. Herb, climber. Ht? Alt 30–2440 m. N, B, LIM, NW, M, S, KZN
- minima** (L.) DC. var. **prostrata** (Harv.) Meikle
R. memnonia (Delile) DC. var. *prostrata* Harv. (6)
Perennial. Herb, climber, prostrate. Ht 0.1–1.5 m. Alt 30–1669 m. N, B, LIM, NW, G, M, S, FS, KZN, EC
- monophylla** Schltr.
R. monophylla Schltr. var. *eylesii* Baker f. (6)
R. prostrata Suess., illegitimate name (6)
R. reptans Suess. (6)
Perennial. Herb, prostrate. Ht up to 0.5 m. Alt 610–2050 m. B, LIM, NW, G, M, S, KZN
- monophylla* Schltr. var. *eylesii* Baker f. = **R. monophylla**
- namaensis** Schinz
R. dinteri Schinz (5)
Perennial. Herb. Ht? Alt ?–1163 m. N
- nervosa** Benth. & Harv. var. **nervosa**
Perennial. Herb, prostrate. Ht? Alt 15–2440 m. LIM, NW, G, M, S, FS, KZN, EC
- nervosa* Benth. & Harv. var. *pauciflora* Harv. = **R. confusa**
- nervosa** Benth. & Harv. var. **petiolata** Burt Davy (insufficiently known)
Perennial. Herb. Ht? Alt? G
- nitens** Benth.
Perennial. Shrub. Ht 0.3–2 m. Alt 155–1700 m. LIM, NW, G, M, S, KZN
- oligantha* Harms = **R. fleckii**
- ovata** J.M.Wood & M.S.Evans
Perennial. Herb. Ht? Alt 30–1035 m. KZN, EC
- pauciflora** Bolus
Perennial. Herb. Ht up to 0.5 m. Alt ?–1470 m. M, S
- peglerae** Baker f.
Perennial. Herb. Ht up to 0.5 m. Alt ?–460 m. EC
- pentheri** Schltr. ex Zahlbr. var. **hutchinsoniana** Burt Davy
Perennial. Herb, prostrate. Ht? Alt? G, FS, KZN, L, EC
- pentheri** Schltr. ex Zahlbr. var. **pentheri**
Perennial. Herb, prostrate. Ht 0.25–0.7 m. Alt 36–2000 m. LIM, NW, G, M, FS, KZN, EC
- pinnata** Harv.
Perennial. Subshrub. Ht up to 0.1 m. Alt 5–45 m. WC
- prostrata* Suess., illegitimate name = **R. monophylla**
- reptabunda** N.E.Br.
R. jacottetii Schinz (7)
Perennial. Herb, climber. Ht up to 0.3 m. Alt 245–2200 m. LIM, NW, G, M, S, FS, KZN, EC
- reptans* Suess. = **R. monophylla**
- resinosa** (A.Rich.) Baker
Fagelia resinosa A.Rich. (6)
Perennial. Shrub, climber. Ht 0.6–1.5 m. Alt ?–1220 m. N, B, LIM
- rogersii** Schinz
Perennial. Herb. Ht up to 0.6 m. Alt ?–1220 m. M
- rudolfii** Harms (insufficiently known)
- schlechteri** Baker f.
Perennial. Shrub. Ht up to 3 m. Alt 540–600 m. NC
- sigmoides* Benth. ex Harv. = **R. villosa**
- sordida** (E.Mey.) Schinz
Perennial. Shrub, dwarf shrub, herb. Ht 0.15–2 m. Alt 45–1740 m. LIM, NW, G, M, S, KZN, EC
- spectabilis** Schinz
Perennial. Shrub, dwarf shrub, herb. Ht 0.45–2.4 m. Alt 305–1645 m. LIM, M
- sphaerocephala* Baker = **Dolichos sericeus** subsp. **sericeus**
- stenodon** Baker f.
Perennial. Herb, climber. Ht? Alt 460–1935 m. KZN
- stipitata** Verdc.
R. caribaea in sense of F.White, not of (Jacq.) DC. (12)
Perennial. Climber. Ht 1.4–2 m. Alt? B
- sublobata** (Schumach.) Meikle
Glycine sublobata Schumach. (6)
Perennial. Herb, climber. Ht 0.5–2 m. Alt 155–1740 m. N, B, LIM, M, S
- thorncroftii** (Baker f.) Burt Davy
Perennial. Shrub, herb. Ht 0.2–1 m. Alt 915–1824 m. LIM, M, S
- totta** (Thunb.) DC. var. **totta**
Glycine totta Thunb. (6)
Perennial. Herb, climber. Alt 50–2090 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- uniflora* Harv. = **R. angustifolia**
- vendae** C.H.Stirt.
Perennial. Herb, climber. Ht 0.4–0.9 m. Alt 490–670 m. LIM
- venulosa** (Hiern) K.Schum.
Dolichos venulosus Hiern (5)
R. hirsuta Schinz (5)
Perennial. Herb, climber. Ht up to 0.2 m. Alt 55–1725 m. N, B, LIM, NW, G, M, FS, KZN, EC
- villosa** (Meisn.) Druce
Eriosema villosum (Meisn.) C.A.Sm. (9)
R. sigmoides Benth. ex Harv. (3)

- Perennial. Herb, prostrate. Ht 0.2–1 m. Alt 800–1950 m. M, KZN, EC
- viscidula** Steud.
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt up to 1220 m. NC, WC
- woodii** Schinz
Perennial. Herb. Ht 0.15–1 m. Alt 600–2000 m. LIM, M, S, KZN
- *ROBINIA L.** 3733000
Compiled by T. Nkonki
(1) Ball. 1968. *Flora europaea* 2: 106.
(2) Isely & Peabody. 1984. *Castanea* 49: 187–202.
(3) Cullen. 1995. *European garden flora* 4: 489, 490.
- pseudoacacia L.**
Perennial. Tree, shrub. Ht 1.5–25 m. Alt 1050–2000 m. G, FS, KZN
subdecandra L'Hér. = **Calpurnia aurea** subsp. **aurea**
uliginosa Willd. = **Derris trifoliata**
- ROTHIA Pers.** 3659000
Compiled by T. Nkonki
(1) Gillett *et al.* 1971. *FTEA Leguminosae*, part 4: 811–813.
- hirsuta** (Guill. & Perr.) Baker
Lotononis desertorum Dummer (1)
Xerocarpus hirsutus Guill. & Perr. (1)
Annual. Herb. Ht ?–0.15 m. Alt 409–518 m. N, LIM
- SARCOCALYX Walp.** 3662080
capensis Walp. = **Aspalathus capensis**
- SARCOPHYLLUS Thunb.** 3662090
carinosus Thunb. = **Aspalathus capensis**
- SAROTHAMNUS St.-Lag.** 3682010
scoparius (L.) Wimm. ex W.D.J.Koch = **Cytisus scoparius**
- SCHOTIA Jacq.** 3506000
Compiled by H.F. Glen
(1) Phillips. 1935. *The Flowering Plants of South Africa* 15: t. 574.
(2) Dyer. 1940. *The Flowering Plants of South Africa* 20: t. 777.
(3) Codd. 1956. *Bothalia* 6: 515–533.
(4) Codd. 1973. *The Flowering Plants of Africa* 42: t. 1665.
(5) Ross. 1977. *FSA* 16,2: 23–33.
- afra** (L.) Thunb. var. **afra**
Guajacum afrum L. (3)
S. parvifolia Jacq. (5)
S. speciosa Jacq. (3)
S. speciosa Jacq. var. *tamarindifolia* (Afzel. ex Sims) Harv. (3)
S. tamarindifolia Afzel. ex Sims (3)
Theodora speciosa Medik. (3)
Perennial. Tree, shrub. Ht 0.5–7 m. Alt 0–750 m. WC, EC
- afra** (L.) Thunb. var. **angustifolia** (E.Mey.) Harv.
S. angustifolia E.Mey. (3)
Perennial. Tree, shrub. Ht 2.7–6 m. Alt 125–1250 m. N, NC, EC
- angustifolia** E.Mey. = **S. afra** var. **angustifolia**
- brachypetala** Sond.
S. brachypetala Sond. var. *pubescens* Burttt Davy (5)
S. rogersii Burttt Davy (3)
S. semireducta Merxm. (3)
- Perennial. Tree. Ht 1–16 m. Alt 25–1800 m. LIM, G, M, S, KZN, EC
- brachypetala** Sond. var. *pubescens* Burttt Davy = **S. brachypetala**
- capitata** Bolle
S. tamarindifolia Afzel. ex Sims var. *forbesiana* Baill. (3)
S. transvaalensis Rolfe (3)
Theodora capitata (Bolle) Taub. (3)
Perennial. Tree, shrub. Ht 0.5–9 m. Alt 50–1250 m. M, S, KZN, EC
- cuneifolia** Gand. = **S. latifolia**
- diversifolia** Walp. = **S. latifolia**
- latifolia** Jacq.
Omphalobium schotia J.Jacq. ex DC. (3)
S. cuneifolia Gand. (3)
S. diversifolia Walp. (3)
Theodora latifolia (Jacq.) Taub. (5)
Perennial. Tree. Ht 0.6–10 m. Alt 0–1250 m. LIM, M, KZN, WC, EC
- latifolia** Jacq. × **S. afra** (L.) Thunb. form **A**
S. speciosa Jacq. var. *ovalifolia* Harv. (3)
S. stipulata W.T.Aiton (3)
Theodora stipulata (W.T.Aiton) Eckl. & Zeyh. (5)
Perennial. Tree, shrub. Ht 2–3 m. Alt 0–750 m. WC, EC
- latifolia** Jacq. × **S. afra** (L.) Thunb. form **B**
Perennial. Tree, shrub. Ht 3–8 m. Alt 0–350 m. EC
- parvifolia** Jacq. = **S. afra** var. **afra**
- rogersii** Burttt Davy = **S. brachypetala**
- semireducta** Merxm. = **S. brachypetala**
- speciosa** Jacq. = **S. afra** var. **afra**
- speciosa** Jacq. var. *ovalifolia* Harv. = **S. latifolia** × **S. afra** form **A**
- speciosa** Jacq. var. *tamarindifolia* (Afzel. ex Sims) Harv. = **S. afra** var. **afra**
- stipulata** W.T.Aiton = **S. latifolia** × **S. afra** form **A**
- tamarindifolia** Afzel. ex Sims = **S. afra** var. **afra**
- tamarindifolia** Afzel. ex Sims var. *forbesiana* Baill. = **S. capitata**
- transvaalensis** Rolfe = **S. capitata**
- SCYTALISE E.Mey.** 3905010
tenuis E.Mey. var. *ovata* E.Mey. = **Vigna unguiculata** subsp. **tenuis** var. **ovata**
- SENNA Mill.** 3536020
Compiled by H.F. Glen
(1) Gordon-Gray. 1977. *FSA* 16,2: 69–108.
(2) Samant & Shete. 1987. *Proceedings of the Indian Academy of Science* 97: 337–346.
(3) Lock. 1988. *Kew Bulletin* 43: 333–342.
(4) Lock. 1989. *Legumes of Africa*: 36–40.
(5) Luckow. 1996. *Baileya* 23: 195–241.
- *bicansularis** (L.) Roxb.
Cassia bicansularis L. (3)
Cassia transversali-seminata De Wild. (3)
Perennial. Shrub. Ht 0.1–2 m. Alt 0–700 m. M, S, KZN
- *corymbosa** (Lam.) Irwin & Barneby
Cassia corymbosa Lam. (3)
Perennial. Shrub. Ht 2–3 m. Alt 700–1450 m. G, M, KZN, EC

***didymobotrya** (Fresen.) Irwin & Barneby

Cassia didymobotrya Fresen. (3)
Cassia nairobensis Aggeler & Musser (3)
 Perennial. Shrub. Ht 0.6–7 m. Alt 0–1350 m. LIM, G,
 M, S, KZN, WC, EC

***hirsuta** (L.) Irwin & Barneby

Cassia hirsuta L. (3)
Cassia tomentosa in sense of H.M.L. Forbes, misapplied name (3)
 Perennial. Shrub. Ht 1–2.7 m. Alt 0–700 m. M, KZN

italica Mill. subsp. **arachoides** (Burch.) Lock

Cassia arachoides Burch. (3)
Cassia italica (Mill.) Lam. ex F.W. Andrews subsp. *arachoides*
 (Burch.) Brenan (3)
Cassia obovata Collad. var. *mucronata* Burt Davy (3)
Cassia obovata Collad. var. *pilosa* Burt Davy (3)
 Perennial. Herb. Ht 0.4–1 m. Alt 50–1450 m. N, B,
 LIM, NW, G, M, S, FS, KZN, NC

italica Mill. subsp. **micrantha** (Brenan) Lock

Cassia italica (Mill.) Lam. ex F.W. Andrews subsp. *micrantha*
 Brenan (3)
Cassia obovata Collad. var. *pallidiflora* Dinter (3)
 Perennial. Herb. Ht 0.1–0.4 m. Alt 850–1250 m. N, B

***multiglandulosa** (Jacq.) Irwin & Barneby

Cassia multiglandulosa Jacq. (5)
Cassia tomentosa L.f. (3)
 Perennial. Shrub. Ht 1.8–7.5 m. Alt 35–2200 m. G,
 FS, KZN, WC, EC

***multijuga** (Rich.) Irwin & Barneby

Cassia multijuga Rich. (3)
 Perennial. Tree. Ht 2–9 m. Alt 1100–1200 m. S

***obtusifolia** (L.) Irwin & Barneby

Cassia obtusifolia L. (3)
 Annual, occ. perennial. Herb. Ht 0.5–1 m. Alt 850–
 1050 m. N, B, M

***occidentalis** (L.) Link

Cassia occidentalis L. (3)
 Annual, occ. perennial. Shrub, herb. Ht 0.5–2 m. Alt
 0–1550 m. N, B, LIM, NW, G, M, S, KZN

***pendula** (Willd.) Irwin & Barneby var. **glabrata**
(Vogel) Irwin & Barneby

Cassia coluteoides Collad. (3)
Cassia indecora Kunth var. *glabrata* Vogel (3)
 Perennial. Shrub. Ht 1–4 m. Alt 0–1350 m. N, LIM, G,
 M, S, KZN, EC

petersiana (Bolle) Lock

Cassia delagoensis Harv. (3)
Cassia petersiana Bolle (3)
 Perennial. Tree, shrub. Ht 0.8–7 m. Alt 50–1200 m.
 LIM, M, S, KZN

***septemtrionalis** (Viv.) Irwin & Barneby

Cassia floribunda in sense of Brenan, not of Cav., misapplied name
 (3)
Cassia laevigata Willd. (3)
Cassia septemtrionalis Viv. (5)

Perennial. Tree, shrub, dwarf shrub. Ht 0.5–4.5 m. Alt
 0–1850 m. LIM, NW, G, M, S, KZN, WC, EC

septemtrionalis (Viv.) Irwin & Barneby × **S. bicapsu-**
laris (L.) Roxb.

Cassia floribunda in sense of Brenan, not of Cav. × *C. bicapsularis*
 L. (3)
 Perennial. Shrub. Ht 1–2.5 m. Alt 500–1250 m. M

septemtrionalis (Viv.) Irwin & Barneby × **S. multi-**
glandulosa (Jacq.) Irwin & Barneby

Cassia floribunda in sense of Brenan, not of Cav. × *C. tomentosa*
 L.f. (3)
 Perennial. Tree, shrub. Ht 1.5–3 m. Alt 0–900 m. KZN,
 WC, EC

***siamea** (Lam.) Irwin & Barneby

Cassia siamea Lam. (3)
 Perennial. Tree. Ht 3–12 m. Alt 250–1250 m. M, S,
 KZN

singueana (Delile) Lock

Cassia goratensis Fresen. (3)
Cassia singueana Delile (3)
Cassia sinqueana in sense of author, not of Delile, orthographic
 error, misapplied name (3)
Cassia zanzibarensis Vatke (3)
 Perennial. Tree, shrub. Ht 1–6 m. Alt 1100–1950 m. N

SESBANIA Scop.

3747000

Compiled by H.F. Glen

- (1) Phillips & Hutchinson. 1921. *Bothalia* 1: 40–56.
- (2) Gillett. 1963. *Kew Bulletin* 17: 91–159.
- (3) Gillett. 1971. *FTEA Leguminosae* 3: 330–351.
- (4) Ross. 1982. *The Flowering Plants of Africa* 47: t. 1856.
- (5) Lock. 1989. *Legumes of Africa*: 460–464.
- (6) Burkart. 1967. *Flora de la Provincia de Buenos Aires* 3:
497–500.
- (7) Burkart. 1951. *Darwiniana* 9: 387–396.

aculeata (Willd.) Pers. = **S. bispinosa** var. **bispinosa**

aegyptiaca in sense of Baker, misapplied name = **S. ses-**
ban subsp. **sesban** var. **nubica**

aegyptiaca Pers. = **S. sesban** subsp. **sesban** var. **sesban**

aegypticus Poir. = **S. sesban** subsp. **sesban** var. **sesban**

***bispinosa** (Jacq.) W. Wight var. **bispinosa**

S. aculeata (Willd.) Pers. (2)
 Biennial. Tree, herb. Ht 1–4 m. Alt 50–1350 m. N, B,
 LIM, NW, M, S, KZN

brevipedunculata J.B. Gillett

Annual. Herb. Ht 0.6–1.5 m. Alt 850–1400 m. B, LIM,
 NW

cinerascens in sense of Baker, misapplied name = **S.**
macrantha var. **levis**

cinerascens Welw. ex Baker

Perennial. Shrub, herb. Ht 2.5–5 m. Alt 850–1100 m.
 N, B

coerulescens Harms

S. hookii De Wild. (2)
 Perennial. Shrub. Ht 3–5 m. Alt 850–1100 m. N

hamata E. Phillips & Hutch. = **S. tetraptera**

hookii De Wild. = **S. coerulescens**

kirkii E. Phillips & Hutch. = **S. tetraptera**

macowaniana Schinz

Annual. Herb. Ht 0.5–1.5 m. Alt 800–1250 m. N, B,
 LIM

macrantha E. Phillips & Hutch. var. **levis** J.B. Gillett

S. cinerascens in sense of Baker, misapplied name (3)
 Perennial. Herb. Ht 1–6 m. Alt 150–1800 m. LIM, G,
 M, S, KZN

macrantha E. Phillips & Hutch. var. **macrantha**

Perennial. Tree, herb. Ht 1–6 m. Alt 150–1800 m. LIM,
 G, M

marginata Benth. = **S. virgata**

microphylla E. Phillips & Hutch.

S. mossambicensis in sense of E. Phillips & Hutch., misapplied name
 (3)
 Annual. Herb. Ht 1–4 m. Alt 850–1100 m. N, B

mossambicensis in sense of E. Phillips & Hutch., misap-
 plied name = **S. microphylla**

notialis J.B.Gillett

Annual. Herb. Ht 0.4–0.9 m. Alt 1150–1550 m. NW, FS, NC

pachycarpa DC. subsp. **dinterana** J.B.Gillett

Annual. Herb. Ht 1–2.5 m. Alt 200–1500 m. N

pachycarpa DC. subsp. **pachycarpa**

Annual. Herb. Ht 1–2 m. Alt 850–1500 m. N

pterocarpa Welw. ex Romariz = **S. sphaerosperma*****punicea** (Cav.) Benth.

S. tripetii (Poit.) Hort. ex F.T.Hubb. (6)

Annual. Tree, shrub. Ht 2–4 m. Alt 0–1550 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

rogersii E.Phillips & Hutch.

Annual. Herb. Ht 0.3–0.7 m. Alt 175–275 m. M

rostrata Bremek. & Oberm.

Perennial. Shrub, herb. Ht 1–2.5 m. Alt 900–1100 m. B

sesban (L.) Merr. subsp. **sesban** var. **nubica** Chiov.

S. aegyptiaca in sense of Baker, misapplied name (2)

Perennial. Tree, shrub. Ht 1–7 m. Alt 0–1500 m. N, B, LIM, G, M, S, KZN, EC

sesban (L.) Merr. subsp. **sesban** var. **sesban**

S. aegyptiaca Pers. (3)

S. aegypticus Poir. (3)

Perennial. Tree. Ht 1–3 m. Alt 150–1200 m. LIM, KZN

sesban (L.) Merr. subsp. **sesban** var. **zambesiaca** J.B.Gillett

Perennial. Tree, shrub. Ht 1–4 m. Alt 500–1500 m. N, B, LIM

sphaerocarpa Hiern = **S. sphaerosperma****sphaerosperma** Welw.

S. pterocarpa Welw. ex Romariz (2)

S. sphaerocarpa Hiern (2)

Annual. Herb. Ht 1–3 m. Alt 750–1200 m. N

tetraptera Hochst. ex Baker

S. hamata E.Phillips & Hutch. (3)

S. kirkii E.Phillips & Hutch. (3)

Annual. Herb. Ht 1–2 m. Alt 800–1100 m. B, LIM

transvaalensis J.B.Gillett

Annual. Herb. Ht 0.8–2.5 m. Alt 1000–1450 m. LIM, NW, G, M, FS

tripetii (Poit.) Hort. ex F.T.Hubb. = **S. punicea*****virgata** (Cav.) Pers.

S. marginata Benth. (7)

Perennial, shrub. Ht 1–2 m. Alt 0–600 m. EC

SMITHIA Aiton 3796000

Compiled by T. Nkonki

(1) Verdcourt. 1970. *Kew Bulletin* 24,1: 15.

erubescens (E.Mey.) Baker f.

Perennial. Shrub, dwarf shrub, herb. Ht 0.3–1.75 m. Alt 305–2100 m. LIM, G, M, S, KZN, EC

parvifolia Burt Davy = **Kotschya parvifolia****thymodora** Baker f. = **Kotschya parvifolia****SOPHORA** L. 3602000

Compiled by H.F. Glen

(1) Brummitt & Gillett. 1966. *Kirkia* 5: 259–270.

(2) Polhill. 1971. *FTEA Leguminosae*, part 3: 43–46.

(3) Cullen. 1995. *European garden flora* 4: 485, 486.

aurea Aiton = **Calpurnia aurea** subsp. **aurea****capensis** L. = **Virgilia oroboides** subsp. **oroboides****galioides** P.J.Bergius = **Cyclopia galioides****genistoides** L. = **Cyclopia genistoides** var. **genistoides****genistoides** Thunb. = **Cyclopia galioides****inhambanensis** Klotzsch

S. nitens Harv. (2)

Perennial. Tree, shrub. Ht 1–4 m. Alt 0–50 m. KZN

***japonica** L.

Perennial. Tree. Ht 2–6 m. Alt 700–1500 m. G, FS, EC

nitens Harv. = **S. inhambanensis****oroboides** P.J.Bergius = **Virgilia oroboides** subsp. **oroboides****sylvatica** Burch. = **Calpurnia aurea** subsp. **aurea*****SPARTIUM** L. 3674000

Compiled by H.F. Glen

(1) Heywood. 1968. *Flora europaea* 2: 101.

junceum L.

Perennial. Shrub. Ht 1.5–4 m. Alt 0–1500 m. G, M, WC, EC

sophoroides P.J.Bergius = **Hypocalyptus sophoroides****SPHENOSTYLIS** E.Mey. 3907000

Compiled by T. Nkonki

(1) Dyer. 1947. *The Flowering Plants of Africa* 26: t. 1010.

(2) Verdoorn. 1969. *The Flowering Plants of Africa* 39: t. 1521.

angustifolia Sond.

Vigna angustifolia Benth. (1)

Perennial. Dwarf shrub, herb. Ht 0.15–0.8 m. Alt 105–2225 m. LIM, NW, G, M, S, FS, KZN

marginata E.Mey. subsp. **marginata**

Vigna marginata (E.Mey.) Benth. (2)

Perennial. Dwarf shrub, herb, climber. Ht 0.15–1.8 m. Alt 15–1280 m. LIM, M, S, KZN

STIRTONANTHUS B.-E.van Wyk & A.L.Schutte 3621020

Compiled by T. Nkonki

(1) Van Wyk & Schutte. 1995. *Nordic Journal of Botany* 15: 67.

chrysanthus (Adamson) B.-E.van Wyk & A.L.Schutte

Podalyria chrysantha Adamson (1)

Stirtonia chrysantha (Adamson) B.-E.van Wyk & A.L.Schutte (1)

Perennial. Shrub. Ht 1.5–4 m. Alt 900–1250 m. WC

insignis (Compton) B.-E.van Wyk & A.L.Schutte

Podalyria insignis Compton (1)

Stirtonia insignis (Compton) B.-E.van Wyk & A.L.Schutte (1)

Perennial. Shrub. Ht 1–2 m. Alt 600–900 m. WC

taylorianus (L.Bolus) B.-E.van Wyk & A.L.Schutte

Podalyria tayloriana L.Bolus (1)

Stirtonia tayloriana (L.Bolus) B.-E.van Wyk & A.L.Schutte (1)

Perennial. Tree, shrub. Ht 1.5–4 m. Alt 850–1200 m. WC

STIRTONIA B.-E.van Wyk & A.L.Schutte 3621010**chrysantha** (Adamson) B.-E.van Wyk & A.L.Schutte = **Stirtonanthus chrysanthus****insignis** (Compton) B.-E.van Wyk & A.L.Schutte = **Stirtonanthus insignis**

tayloriana (L.Bolus) B.-E.van Wyk & A.L.Schutte =
Stirtonanthus taylorianus

STIZOLOBIUM Pers. 3877010

deeringianum Bort = **Mucuna pruriens** var. **utilis**
niveum (Roxb.) Kuntze = **Mucuna pruriens** var. **utilis**
pruriens (L.) Medik. = **Mucuna pruriens** var. **pruriens**

STYLOSANTHES Sw. 3802000

Compiled by T. Nkonki

- (1) Verdcourt. 1970. *Kew Bulletin* 24,1: 59.
(2) Gillett *et al.* 1971. *FTEA Leguminosae* (part 3,1): 437.

fruticosa (Retz.) Alston

Arachis fruticosa Retz. (2)
S. mucronata Willd. (2)

Annual, occ. perennial. Dwarf shrub, herb. Ht 0.1–0.5
m. Alt 15–1370 m. N, B, LIM, NW, G, M, S,
KZN

mucronata Willd. = **S. fruticosa**

SUTHERLANDIA R.Br. ex 3754000
W.T.Aiton

Compiled by T. Nkonki & N. Swelankomo

- (1) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 193.
(2) Phillips & Dyer. 1934. *Revista sudamericana de botánica* 1: 70–80.

frutescens (L.) R.Br.

Colutea frutescens L. (2)

Perennial. Shrub, dwarf shrub. Ht 0.4–3 m. Alt 10–
2318 m. N, B, M, FS, KZN, L, NC, WC, EC

humilis E.Phillips & R.A.Dyer

Perennial. Shrub, dwarf shrub. Ht 0.3–0.7 m. Alt 915–
1540 m. FS, WC, EC

microphylla Burch. ex DC.

Perennial. Shrub. Ht 0.6–1.3 m. Alt 458–2200 m. B,
LIM, NW, G, M, FS, L, NC, WC, EC

montana E.Phillips & R.A.Dyer

Perennial. Shrub. Ht 1–2 m. Alt 1140–2318 m. KZN,
EC

speciosa E.Phillips & R.A.Dyer (insufficiently known)

Perennial. Shrub. Ht? Alt? NC

tomentosa Eckl. & Zeyh.

Perennial. Shrub. Ht 0.4–0.9 m. Alt? WC

SWARTZIA Schreb. 3574000

Compiled by H.F. Glen

- (1) Ross. 1977. *FSA* 16,2: 136–138.

madagascariensis Desv.

Toumatea madagascariensis (Desv.) Baill. (1)

Perennial. Tree. Ht 0.6–12 m. Alt 850–1075 m. N, B

SYLITRA E.Mey. 3717000

angolensis Baker = **Ptychobium biflorum** subsp.
angolensis

biflora E.Mey. = **Ptychobium biflorum** subsp. **biflo-**
rum

contorta (N.E.Br.) Baker f. = **Ptychobium contortum**

***TAMARINDUS** L. 3508000

Compiled by T. Nkonki

- (1) Ross. 1977. *FSA* 16,2: 37–40.

indica L.

Perennial. Tree. Ht 5–25 m. Alt 0–1250 m. NW, KZN

TARA Molina 3559040

spinosa (Molina) Britton & Rose = **Caesalpinia spinosa**

TELINA E.Mey. 3657070

varia E.Mey. = **Lotononis varia**

TEPHROSIA Pers. 3718000

Compiled by T. Nkonki & N. Swelankomo

- (1) Baker. 1926. *Leguminosae of tropical Africa* 1: 170–215.
(2) Forbes. 1948. *Bothalia* 4: 951–1000.
(3) Gillett. 1958. *Kew Bulletin* 13: 111–132.
(4) Brummitt. 1967. *Boletim da Sociedade Broteriana* 41: 219–393.
(5) Schrire. 1985. *Bothalia* 15: 551, 552.
(6) Schrire. 1987. *Bothalia* 17: 7–15.
(7) Lock. 1989. *Legumes of Africa*: 367–386.
(8) Schrire. 1991. *The Flowering Plants of Africa* 51: t. 2036.

acaciifolia Baker

Cracca acaciaefolia Kuntze (2)

T. salicifolia Schinz (2)

Annual, occ. perennial. Herb. Ht 0.5–1 m. Alt ?–1210
m. N, LIM, G, M

aemula (E.Mey.) Harv. = **T. macropoda** var. **diffusa**

aequilata Baker subsp. **australis** Brummitt

Perennial. Shrub. Ht 1–2 m. Alt 1007–1538 m. LIM

albissima H.M.L.Forbes subsp. **albissima**

Perennial. Herb. Ht? Alt 763–1220 m. S, KZN, EC

albissima H.M.L.Forbes subsp. **zuluensis** (H.M.L.Forbes)

Schrire

T. unifolia H.M.L.Forbes (6)

T. zuluensis H.M.L.Forbes (6)

Perennial. Herb. Ht ?–0.5 m. Alt ?–1281 m. KZN

amoena E.Mey. = **T. kraussiana**

angustissima Engl. = **T. longipes** subsp. **longipes** var.
longipes

anthylloides Hochst. ex Webb = **T. uniflora** subsp. **uni-**
flora

apiculata H.M.L.Forbes = **T. natalensis** subsp. **natal-**
ensis

apollinea in sense of Klotzsch, misapplied name = **T.**
villosa subsp. **ehrenbergiana** var. **ehrenbergiana**

armitageana Chiov. = **T. macropoda** var. **macropoda**

bachmannii Harms

Perennial. Shrub, dwarf shrub, herb. Ht 0.5–3 m. Alt
15–1184 m. KZN, EC

brachyloba E.Mey. = **T. dregeana** var. **dregeana**

brummittii Schrire

Perennial. Herb. Ht ?–0.6 m. Alt 300–1220 m. S, KZN

burchellii Burt Davy

Annual, occ. perennial. Herb. Ht 0.1–0.7 m. Alt 280–
1474 m. N, B, LIM, NW, G, M, FS, KZN, NC

caerulea Baker f. subsp. **caerulea**

Perennial. Herb. Ht 0.3–1 m. Alt? B

caerulea Baker f. subsp. **otaviensis** (Dinter) A.Schreib.
& Brummitt

T. otaviensis Dinter (4)

Perennial. Herb. Ht 0.5–0.7 m. Alt ?–1080 m. N, B

canescens E.Mey. = **T. purpurea** subsp. **canescens**

- capensis** (Jacq.) Pers. var. **acutifolia** E.Mey.
Perennial. Shrub, dwarf shrub, herb. Ht 0.03–0.5 m.
Alt 30–1403 m. G, M, WC, EC
- capensis** (Jacq.) Pers. var. **angustifolia** E.Mey.
Perennial. Herb. Ht 0.2–0.5 m. Alt 30–1983 m. LIM,
NW, G, M, FS, WC, EC
- capensis** (Jacq.) Pers. var. **capensis**
Galega pallens Aiton (10)
T. ternatifolia R.G.N.Young (10)
Perennial. Shrub, dwarf shrub, herb. Ht 0.1–3 m. Alt
945–1983 m. LIM, NW, G, M, FS, KZN, L,
WC, EC
- capensis** (Jacq.) Pers. var. **hirsuta** Harv.
Perennial. Shrub, dwarf shrub, herb. Ht 0.05–0.4 m.
Alt 8–1068 m. NW, FS, KZN
- capensis** (Jacq.) Pers. var. **longipetiolata** H.M.L.Forbes
Perennial. Herb. Ht? Alt 17–915 m. WC, EC
- cephalantha** Welw. ex Baker var. **decumbens** Welw. ex
Baker
Perennial. Shrub, herb. Ht 0.4–1 m. Alt 915–2100 m. N
- contorta** N.E.Br. = **Ptychobium contortum**
- cordata** Hutch. & Burt Davy
Perennial. Shrub, dwarf shrub. Ht 0.5–3 m. Alt 763–
2074 m. LIM, M, S, EC
- coriaceae** Benth. = **T. elongata** var. **elongata**
- damarensis** Engl. = **T. dregeana** var. **dregeana**
- dawsonii** Baker f. = **T. longipes** subsp. **longipes** var.
longipes
- delagoensis** H.M.L.Forbes = **T. purpurea** subsp. **lepto-**
stachya var. **delagoensis**
- diffusa** (E.Mey.) Harv. = **T. macropoda** var. **diffusa**
- diffusa** Roxb. = **T. purpurea** subsp. **purpurea**
- dinteri** Schinz = **T. dregeana** var. **dregeana**
- discolor** E.Mey. = **T. linearis**
- dissitiflora** Baker = **T. elongata** var. **elongata**
- dregeana** E.Mey. var. **dregeana**
T. brachyloba E.Mey. (2)
T. damarensis Engl. (10)
T. dinteri Schinz (10)
Annual, occ. perennial. Dwarf shrub, herb. Ht 0.3–1
m. Alt 280–1585 m. N, B, NC
- ehrenbergiana** Schweinf. = **T. villosa** subsp. **ehrenber-**
giana var. **ehrenbergiana**
- elegans** Schumach.
Annual, occ. perennial. Herb. Ht up to 1 m. Alt? N
- elongata** E.Mey. var. **elongata**
T. coriaceae Benth. (4)
T. dissitiflora Baker (4)
T. elongata E.Mey. var. *glabra* Sond. (4)
T. elongata E.Mey. var. *pubescens* Harv. (4)
T. ensifolia Harv. (4)
Perennial. Shrub, dwarf shrub, herb. Ht 0.1–2.4 m. Alt
61–2080 m. B, LIM, NW, G, M, S, KZN
- elongata** E.Mey. var. **glabra** Sond. = **T. elongata** var.
elongata
- elongata** E.Mey. var. **lasiocaulos** Brummitt (insuffi-
ciently known)
Perennial. Herb. Ht? Alt? Distr?
- elongata** E.Mey. var. **pubescens** Harv. = **T. elongata** var.
elongata
- elongata** E.Mey. var. **tzaneenensis** (H.M.L.Forbes)
Brummitt
T. tzaneenensis H.M.L.Forbes (4)
Perennial. Dwarf shrub, herb. Ht 0.6–6 m. Alt 610–
991 m. LIM, M
- ensifolia** Harv. = **T. elongata** var. **elongata**
- euchroa** I.Verd.
Perennial. Dwarf shrub, herb. Ht 0.3–1.5 m. Alt 458–
1400 m. LIM
- euprepes** Brummitt
Annual. Herb. Ht 0.2–0.9 m. Alt? B
- evansii** Hutch. & Burt Davy = **T. rhodesica** var. **evansii**
- forbesii** Baker subsp. **interior** Brummitt
Perennial. Herb. Ht ?–0.5 m. Alt 381–1050 m. LIM,
NW, M, KZN
- galpinii** H.M.L.Forbes
Perennial. Herb. Ht? Alt? KZN
- glomeruliflora** Meisn. subsp. **glomeruliflora**
Perennial. Shrub, dwarf shrub. Ht 1–1.8 m. Alt ± 30 m.
KZN
- glomeruliflora** Meisn. subsp. **meisneri** (Hutch. & Burt
Davy) Schrire
T. incarnata Brummitt (6)
T. meisneri Hutch. & Burt Davy (6)
Perennial. Shrub, herb. Ht 0.2–1.5 m. Alt 30–1260 m.
LIM, M, S, KZN
- gobensis** Brummitt
Perennial. Shrub. Ht? Alt 229–458 m. S
- godmaniae** Baker f., as ‘*godmanae*’ = **T. reptans** var.
reptans
- gracilentia** H.M.L.Forbes
Perennial. Herb. Ht? Alt ?–1220 m. EC
- grandiflora** (Aiton) Pers.
Apodynomene grandiflora E.Mey. (2)
Galega grandiflora Aiton (2)
Perennial. Shrub. Ht 0.6–5 m. Alt 6–1500 m. KZN, EC
- inandensis** H.M.L.Forbes
Perennial. Dwarf shrub. Ht ?–1.5 m. Alt ?–610 m. KZN
- incana** in sense of Baker, misapplied name = **T. villosa**
subsp. **ehrenbergiana** var. **ehrenbergiana**
- incarnata** Brummitt = **T. glomeruliflora** subsp. **meis-**
neri
- indigofera** Bertol. = **T. purpurea** subsp. **leptostachya**
var. **delagoensis**
- kraussiana** Meisn.
T. amoena E.Mey. (10)
Perennial. Dwarf shrub, herb. Ht 0.4–1 m. Alt 9–1220
m. S, KZN, EC
- laurentii** De Wild. = **T. purpurea** subsp. **leptostachya**
var. **pubescens**
- leptostachya** DC. = **T. purpurea** subsp. **leptostachya**
var. **leptostachya**
- limpopoensis** J.B.Gillett
Perennial. Dwarf shrub, herb. Ht 0.13–0.5 m. Alt
793–1168 m. N, LIM
- linearis** (Willd.) Pers.
T. discolor E.Mey. (10)
T. linearis (Willd.) Pers. subsp. *discolor* (E.Mey.) J.B.Gillett (10)
T. linearis (Willd.) Pers. var. *discolor* (E.Mey.) Brummitt (10)
T. pulchella Hook.f. (3)
T. seminuda Bojer ex Baker (3)

- Annual, occ. perennial. Herb. Ht 0.7–6 m. Alt 46–60 m.
KZN
- linearis* (Willd.) Pers. subsp. *discolor* (E.Mey.) J.B.Gillett
= **T. linearis**
- linearis* (Willd.) Pers. var. *discolor* (E.Mey.) Brummitt
= **T. linearis**
- lineata* Schumach. & Thonn. = **T. purpurea** subsp. **leptostachya** var. **leptostachya**
- longipes* Meisn. subsp. *longipes* var. *icosisperma* Brummitt
= **T. longipes** subsp. **longipes** var. **longipes**
- longipes** Meisn. subsp. **longipes** var. **longipes**
T. angustissima Engl. (6)
T. dawsonii Baker f. (6)
T. longipes Meisn. subsp. *longipes* var. *icosisperma* Brummitt (6)
T. lurida Sond. var. *drummondii* Brummitt (6)
T. lurida Sond. var. *lissocarpa* Brummitt (6)
T. lurida Sond. var. *lurida* (6)
Annual, occ. perennial. Shrub, dwarf shrub, herb. Ht
0.8–5 m. Alt 427–1525 m. B, LIM, NW, G, M,
S, FS, KZN
- lupinifolia** DC.
Cracca lupinifolia Kuntze (2)
Galega lupinifolia Burch. (2)
Annual, occ. perennial. Herb. Ht 0.1–1 m. Alt 55–
1713 m. N, B, LIM, NW, G, M, NC
- lurida* Sond. var. *drummondii* Brummitt = **T. longipes**
subsp. **longipes** var. **longipes**
- lurida* Sond. var. *lissocarpa* Brummitt = **T. longipes**
subsp. **longipes** var. **longipes**
- lurida* Sond. var. *lurida* = **T. longipes** subsp. **longipes**
var. **longipes**
- macropoda** (E.Mey.) Harv. var. **diffusa** (E.Mey.) Schrire
T. aemula (E.Mey.) Harv. (6)
T. diffusa (E.Mey.) Harv. (6)
Perennial. Herb. Ht 0.06–0.6 m. Alt 10–1952 m. M, S,
KZN
- macropoda** (E.Mey.) Harv. var. **macropoda**
Apodynomene macropoda E.Mey. (2)
T. armitageana Chiov. (10)
Perennial. Herb. Ht 0.2–2 m. Alt 2–1678 m. LIM, G,
M, S, KZN
- marginella** H.M.L.Forbes
Perennial. Herb. Ht ?–0.33 m. Alt 1158–2135 m.
KZN, EC
- medleyi* H.M.L.Forbes = **T. shiluanensis**
- meisneri* Hutch. & Burt Davy = **T. glomeruliflora** subsp.
meisneri
- monophylla** Schinz
Perennial. Herb. Ht 0.3–0.5 m. Alt ?–700 m. N
- mossambicensis* Schinz = **T. uniflora** subsp. **uniflora**
- multijuga** R.G.N.Young
T. woodii Burt Davy (4)
Perennial. Shrub, dwarf shrub, herb. Ht 1–1.5 m. Alt
430–1800 m. LIM, NW, G, M, S, FS, KZN, EC
- natalensis** H.M.L.Forbes subsp. **natalensis**
T. apiculata H.M.L.Forbes (6)
Perennial. Herb. Ht ?–0.12 m. Alt 1600–1678 m. M, S,
KZN
- natalensis** H.M.L.Forbes subsp. **pseudocapitata**
(H.M.L.Forbes) Schrire
T. pseudocapitata H.M.L.Forbes (6)
Perennial. Herb. Ht? Alt 1068–1220 m. KZN
- noctiflora** Bojer ex Baker
Perennial. Dwarf shrub. Ht 0.6–1.5 m. Alt ?–458 m.
LIM, M
- oblongifolia* E.Mey. = **Ophrestia oblongifolia** var.
oblongifolia
- otaviensis* Dinter = **T. caerulea** subsp. **otaviensis**
- oxygona** Welw. ex Baker subsp. **lactea** (Schinz) A.Schreib.
Perennial. Shrub. Ht 1–1.5 m. Alt ?–1095 m. N
- oxygona** Welw. ex Baker subsp. **oxygona** var. **oxygona**
Perennial. Shrub. Ht 0.5–2 m. Alt 450–1000 m. N
- pallida** H.M.L.Forbes
Perennial. Dwarf shrub. Ht? Alt? N
- pietersii** H.M.L.Forbes
Perennial. Herb. Ht ?–0.2 m. Alt 300–854 m. LIM, M
- plicata* Oliv. = **Ptychobium plicatum** subsp. **plicatum**
- polystachya** E.Mey. var. **hirta** Harv.
Perennial. Shrub, herb. Ht ?–1.4 m. Alt 6–1340 m.
LIM, S, FS, KZN, EC
- polystachya** E.Mey. var. **latifolia** Harv.
Perennial. Shrub, dwarf shrub. Ht 0.4–5 m. Alt 1080–
1830 m. LIM, M, S, KZN
- polystachya** E.Mey. var. **longidens** H.M.L.Forbes
Perennial. Shrub, dwarf shrub. Ht 0.6–0.8 m. Alt 366–
1220 m. EC
- polystachya** E.Mey. var. **polystachya**
Perennial. Shrub, dwarf shrub, herb. Ht 0.05–5 m. Alt
6–1700 m. B, LIM, M, S, FS, KZN, WC, EC
- polystachyoides* in sense of Burt Davy, misapplied name
= **T. rhodesica** var. **rhodesica**
- pondoensis** (Codd) Schrire
Mundulea pondoensis Codd (5)
Perennial. Tree. Ht 1.5–3 m. Alt ?–366 m. EC
- pseudocapitata* H.M.L.Forbes = **T. natalensis** subsp.
pseudocapitata
- pseudosphaerosperma* Schinz = **Requienia pseudo-**
sphaerosperma
- pulchella* Hook.f. = **T. linearis**
- pumila** (Lam.) Pers. var. **pumila**
Perennial. Herb. Ht? Alt? KZN
- purpurea** (L.) Pers. subsp. **canescens** (E.Mey.) Brummitt
T. canescens E.Mey. (4)
Perennial. Herb. Ht 0.3–1 m. Alt 1–460 m. N, KZN
- purpurea** (L.) Pers. subsp. **leptostachya** (DC.) Brummitt
var. **delagoensis** (H.M.L.Forbes) Brummitt
T. delagoensis H.M.L.Forbes (4)
T. indigofera Bertol. (4)
Perennial. Dwarf shrub. Ht 0.6–0.7 m. Alt 500–610 m.
B, LIM, M
- purpurea** (L.) Pers. subsp. **leptostachya** (DC.)
Brummitt var. **leptostachya**
T. leptostachya DC. (4)
T. lineata Schumach. & Thonn. (4)
Annual, occ. perennial. Herb. Ht 0.1–3 m. Alt 150–
1518 m. N, B, LIM, NW, G, M, S, KZN, NC
- purpurea** (L.) Pers. subsp. **leptostachya** (DC.) Brummitt
var. **pubescens** Baker
T. laurentii De Wild. (4)
T. sparsiflora H.M.L.Forbes (10)
T. transvaalensis Hutch. ex Burt Davy (4)

- Annual, occ. perennial. Herb. Ht 0.2–4 m. Alt 8–1525 m. N, B, LIM, NW, G, M
- *purpurea** (L.) Pers. subsp. **purpurea**
T. diffusa Roxb. (4)
T. wallichii Graham (4)
 Perennial. Herb. Ht? Alt? KZN
- radicans** Baker
 Perennial. Herb. Ht ?–0.4 m. Alt 1128–1403 m. N, LIM, M
- reptans** Baker var. **reptans**
T. godmaniae Baker f., as 'godmanae' (4)
 Perennial, occ. annual. Shrub, herb. Ht 0.7–3.5 m. Alt? LIM, G
- retusa** Burt Davy
 Perennial. Herb. Ht 0.3–1.5 m. Alt 235–763 m. LIM, G, M
- rhodesica** Baker f. var. **evansii** (Hutch. & Burt Davy) Brummitt
T. evansii Hutch. & Burt Davy (4)
 Perennial. Shrub, dwarf shrub. Ht 0.5–1.5 m. Alt 275–1373 m. LIM, NW, M, KZN
- rhodesica** Baker f. var. **rhodesica**
T. polystachyoides in sense of Burt Davy, misapplied name (4)
 Perennial. Shrub, dwarf shrub, herb. Ht 0.5–3 m. Alt 300–1600 m. N, B, LIM, NW, G, M
- salicifolia** Schinz = **T. acaciifolia**
- semiglabra** Sond.
Cracca semiglabra Kuntze (2)
 Perennial. Herb. Ht 0.1–4 m. Alt 793–1891 m. NW, G, M, FS, KZN, L, EC
- seminuda** Bojer ex Baker = **T. linearis**
- shiluwansensis** Schinz
T. medleyi H.M.L.Forbes (6)
T. spathacea Hutch. & Burt Davy (6)
T. wyliei H.M.L.Forbes (6)
 Perennial. Shrub, dwarf shrub, herb. Ht 0.3–2 m. Alt 763–1980 m. LIM, G, M, KZN
- sparsiflora** H.M.L.Forbes = **T. purpurea** subsp. **leptostachya** var. **pubescens**
- spathacea** Hutch. & Burt Davy = **T. shiluwansensis**
- sphaerosperma** (DC.) Baker = **Requienia sphaerosperma stricta** (L.f.) Pers. = **Indigofera stricta**
- suberosa** DC. = **Mundulea sericea**
- subulata** Hutch. & Burt Davy
 Perennial. Shrub, dwarf shrub. Ht ?–2 m. Alt 1220–1400 m. M
- ternatifolia** R.G.N.Young = **T. capensis** var. **capensis**
- transvaalensis** Hutch. ex Burt Davy = **T. purpurea** subsp. **leptostachya** var. **pubescens**
- tzaneenensis** H.M.L.Forbes = **T. elongata** var. **tzaneenensis**
- uniflora** Pers. subsp. **uniflora**
T. anthylloides Hochst. ex Webb (3)
T. mossambicensis Schinz (4)
 Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 350–610 m. N, B, LIM, M
- unifolia** H.M.L.Forbes = **T. albissima** subsp. **zuluensis**
- villosa** (L.) Pers. subsp. **ehrenbergiana** (Schweinf.) Brummitt var. **daviesii** Brummitt
 Annual, occ. perennial. Dwarf shrub, herb. Ht 0.3–1.3 m. Alt 366–458 m. N, LIM, M
- villosa** (L.) Pers. subsp. **ehrenbergiana** (Schweinf.) Brummitt var. **ehrenbergiana**
T. apollinea in sense of Klotzsch, misapplied name (4)
T. ehrenbergiana Schweinf. (4)
T. incana in sense of Baker, misapplied name (4)
 Annual, occ. perennial. Dwarf shrub, herb. Ht 0.01–2 m. Alt 315–750 m. N, LIM, NW, G, M
- virgata** H.M.L.Forbes
 Perennial. Dwarf shrub. Ht ?–0.2 m. Alt? LIM
- vogelii** Hook.f.
 Perennial. Herb. Ht ?–2 m. Alt? EC
- wallichii** Graham = **T. purpurea** subsp. **purpurea**
- woodii** Burt Davy = **T. multijuga**
- wyliei** H.M.L.Forbes = **T. shiluwansensis**
- zoutpansbergensis** Bremek.
 Perennial. Shrub, dwarf shrub. Ht 0.3–2 m. Alt ?–885 m. LIM
- zuluensis** H.M.L.Forbes = **T. albissima** subsp. **zuluensis**
- TERAMNUS** P.Browne 3866000
 Compiled by T. Nkonki
 (1) Verdcourt. 1970. *Kew Bulletin* 24: 235–307.
 (2) Verdcourt. 1971. *FTEA Leguminosae*, part 4: 533–541.
- labialis** (L.f.) Spreng. subsp. **labialis**
Glycine debilis Aiton (1)
Glycine labialis L.f. (2)
 Perennial. Herb, climber. Ht 0.3–3 m. Alt 0–1550 m. LIM, NW, G, M, S, KZN, EC
- THEODORA** Medik. 3506040
capitata (Bolle) Taub. = **Schotia capitata**
latifolia (Jacq.) Taub. = **Schotia latifolia**
speciosa Medik. = **Schotia afra** var. **afra**
stipulata (W.T.Aiton) Eckl. & Zeyh. = **Schotia latifolia** × **S. afra** form **A**
- TOUNATEA** Aubl. 3574010
madagascariensis (Desv.) Baill. = **Swartzia madagascariensis**
- TRIFOLIUM** L. 3690000
 Compiled by T. Nkonki
 (1) Harvey & Sonder. 1862. *FC* 2: 1–285.
 (2) Zohary & Heller. 1984. *The genus Trifolium*: 1–606.
 (3) Lock. 1989. *Legumes of Africa*: 489–498.
- africanum** Ser. var. **africanum**
T. africanum Ser. var. *glabellum* (E.Mey.) Harv. (2)
 Perennial. Herb. Ht 0.1–0.5 m. Alt 50–2600 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- africanum** Ser. var. *glabellum* (E.Mey.) Harv. = **T. africanum** var. **africanum**
- africanum** Ser. var. **lydenburgense** J.B.Gillett
 Perennial. Herb. Ht 0.1–0.4 m. Alt 1300–2050 m. NW, G, M, S
- agrarium** L. = **T. campestre** var. **campestre**
- *angustifolium** L. var. **angustifolium**
 Annual. Herb. Ht 0.1–0.3 m. Alt 0–1750 m. L, WC
- *arvense** L. var. **arvense**
 Annual. Herb. Ht 0.05–0.3 m. Alt 50–300 m. WC
- bicornis** Forssk. = **T. resupinatum** var. **resupinatum**

burchellianum Ser. subsp. **burchellianum***T. repens* Thunb. (1)

Perennial. Herb. Ht 0.05–0.25 m. Alt 0–3250 m. NW, M, FS, KZN, L, NC, WC, EC

burchellianum Ser. subsp. **johnstonii** (Oliv.) J.B. Gillett

Perennial. Herb. Ht 0.05–0.25 m. Alt 600–1450 m. KZN

campestre** Schreb. var. **campestreT. agrarium* L. (2)*T. procumbens* L. (2)

Annual. Herb. Ht 0.1–0.3 m. Alt 0–1750 m. NW, G, M, WC

***cernuum** Brot.

Annual. Herb. Ht 0.05–0.4 m, or stems prostrate. Alt 150–1500 m. KZN, WC

***dubium** Sibth.*T. filiforme* L. (2)*T. minus* Sm. (2)

Annual. Herb. Ht 0.2–0.4 m. Alt 0–2050 m. M, KZN, WC, EC

filiforme L. = **T. dubium***fistulosum* Gilib. = **T. hybridum** var. **hybridum***flexuosum* Jacq. = **T. medium** var. **medium*****glomeratum** L.

Annual. Herb. Ht 0.1–0.3 m, or stems prostrate. Alt 50–1300 m. WC, EC

hybridum** L. var. **hybridumT. fistulosum* Gilib. (2)

Perennial. Herb. Ht 0.1–0.7 m. Alt 600–1750 m. LIM, G, FS, KZN, EC

***incarnatum** L. var. **incarnatum**

Annual. Herb. Ht 0.2–0.5 m. Alt 600–1550 m. NW, G, M

medium** L. var. **mediumT. flexuosum* Jacq. (2)

Perennial. Herb. Ht 0.2–0.5 m, or stems prostrate. Alt 1450–1600 m. G

melilotus-indica L. = **Melilotus indica***melilotus-officinalis* L. = **Melilotus officinalis***micropetalum* E.Mey. = **T. stipulaceum***minus* Sm. = **T. dubium*****pratense** L. var. **pratense**

Perennial. Herb. Ht 0.2–0.6 m, or stems prostrate. Alt 300–2000 m. NW, G, M, KZN, WC

procumbens L. = **T. campestre** var. **campestre*****repens** L.

Perennial. Herb. Ht 0.1–0.3 m, or stems prostrate. Alt 0–2100 m. NW, G, M, KZN, WC, EC

repens Thunb. = **T. burchellianum** subsp. **burchellianum*****resupinatum** L. var. **resupinatum***T. bicornis* Forssk. (2)*T. suaveolens* Willd. (2)

Annual. Herb. Ht 0.2–0.6 m. Alt 50–300 m. WC

stipulaceum Thunb.*T. micropetalum* E.Mey. (1)

Annual. Herb. Ht 0.08–0.15 m. Alt 100–600 m. EC

suaveolens Willd. = **T. resupinatum** var. **resupinatum*****subterraneum** L. var. **subterraneum**

Annual. Herb. Ht 0.1–0.3 m, stems prostrate. Alt 100–800 m. WC

***suffocatum** L.

Annual. Herb. Ht 0.03–0.1 m, stems prostrate. Alt 1050–1150 m. WC

***tomentosum** L. var. **tomentosum**

Annual. Herb. Ht 0.1–0.2 m, or stems prostrate. Alt 0–300 m. WC, EC

TRIGONELLA L.

3687000

Compiled by T. Nkonki

(1) Schreiber. 1973. *Mitteilungen der Botanischen Staatssammlung München* 11: 115–132.(2) Hamlet. 1995. *European garden flora* 4: 523, 524.**anguina** Delile

Annual. Herb. Ht up to 0.1 m, stems prostrate. Alt 650–1400 m. N, NW, FS, NC, EC

***foenumgraecum** L.

Annual. Herb. Ht 0.1–0.5 m. Alt 1400–1500 m. G

***hamosa** L.

Annual. Herb. Ht up to 0.5 m, or stems prostrate. Alt 150–1200 m. N, FS, NC, WC

hirsute Thunb. = **Melolobium aethiopicum****TRINEURIA** C.Presl

3662100

appendiculata (E.Mey.) C.Presl = **Aspalathus ciliaris chenopoda** (L.) C.Presl = **Aspalathus chenopoda** subsp. **chenopoda***ciliaris* (L.) C.Presl = **Aspalathus ciliaris***cochleariformis* C.Presl = **Aspalathus cymbiformis***comosa* (Thunb.) C.Presl = **Aspalathus parviflora***cymbiformis* (DC.) C.Presl = **Aspalathus cymbiformis***deciduiifolia* (Eckl. & Zeyh.) C.Presl = **Aspalathus nigra***fuscescens* C.Presl = **Aspalathus nigra***linearifolia* (DC.) C.Presl = **Aspalathus linearifolia***marginalis* (Eckl. & Zeyh.) C.Presl = **Aspalathus marginalis***papillosa* (Eckl. & Zeyh.) C.Presl = **Aspalathus ciliaris***rigescens* (E.Mey.) C.Presl = **Aspalathus setacea****TYLOSEMA** (Schweinf.) Torre & Hillec. 3528030

Compiled by T. Nkonki

(1) Verdoorn. 1959. *The Flowering Plants of Africa* 33: t. 1311.(2) Coetzer & Ross. 1977. *FSA* 16,2: 61–64.**esculentum** (Burch.) A.Schreib.*Bauhinia bainesii* Schinz (2)*Bauhinia burkeana* (Benth.) Harv. (2)*Bauhinia esculenta* Burch. (2)

Annual, occ. perennial. Shrub. Ht 1.8–9 m. Alt 925–1600 m. N, B, LIM, NW, G

fassoglense (Schweinf.) Torre & Hillec.*Bauhinia cissoides* Oliv. (2)*Bauhinia fassoglensis* Schweinf. (2)*Bauhinia kirkii* Oliv. (2)*Bauhinia welwitschii* Oliv. (2)

Perennial. Shrub, climber. Ht 1–6 m. Alt 150–1850 m. N, LIM, M, S, KZN

***ULEX** L.

3681000

Compiled by H.F. Glen

(1) Guinea & Webb. 1968. *Flora europaea* 2: 102, 103.(2) Henderson. 2001. *Alien weeds and invasive plants*: 100.**europaeus** L.

Perennial. Shrub. Ht 0.5–3 m. Alt 1250–2100 m. LIM, KZN, EC

UMTIZA Sim 3506010

Compiled by H.F. Glen

(1) Ross. 1977. *FSA* 16,2: 33–35.

(2) Germishuizen. 1986. *The Flowering Plants of Africa* 49: t. 1939.

listeriana Sim

Perennial. Tree. Ht 2.5–12 m. Alt 0–300 m. EC

VASCOA DC. 3654010

amplexicaulis DC. = **Rafnia amplexicaulis**

perfoliata (Thunb.) DC. var. *acuminata* (E.Mey.) Walp. = **Rafnia acuminata**

***VICIA** L. 3852000

Compiled by T. Nkonki

(1) Ball. 1968. *Flora europaea* 2: 129–136.

(2) Lock. 1989. *Legumes of Africa*: 507.

angustifolia L. = **V. sativa** subsp. **nigra**

atropurpurea Desf. = **V. benghalensis**

benghalensis L.

V. atropurpurea Desf. (1)

Annual, occ. perennial. Herb, climber. Ht 0.2–0.8 m. Alt 50–2000 m. LIM, G, FS, KZN, NC, WC, EC

cracca L.

Annual. Herb. Ht? Alt? EC

hirsuta (L.) Gray

Annual. Herb, climber. Ht 0.3–0.45 m. Alt 15–610 m. N, FS, WC, EC

sativa L. subsp. **nigra** (L.) Ehrh. (insufficiently known)

V. angustifolia L. (2)

Annual. Herb. Ht up to 1 m. Alt? Distr?

sativa L. subsp. **sativa**

Annual. Herb, climber. Ht 0.2–1.5 m. Alt 5–2000 m. LIM, NW, G, M, FS, KZN, NC, WC, EC

tetrasperma Moench

Annual. Herb. Ht 0.1–0.6 m. Alt 30–60 m. WC, EC

villosa Roth subsp. **villosa**

Annual. Herb. Ht 0.3–2 m. Alt 90–397 m. LIM, NW, G, M, L, EC

VIGNA Savi 3905000

Compiled by T. Nkonki & N. Swelankomo

(1) Bolus. 1906. *Transaction of the South African Philosophical Society* 16: 382.

(2) Schreiber. 1970. *FSWA* 60: 121–123.

(3) Verdcourt. 1970. *Kew Bulletin* 24,3: 519–566.

(4) Verdcourt. 1971. *FTEA Leguminosae* (part 4): 617–668.

(5) Maréchal *et al.* 1978. *Boissiera* 28: 14–237.

(6) Verdcourt. 1978. *Taxon* 27,2 & 3: 219–222.

(7) Lock. 1989. *Legumes of Africa*: 440–448.

(8) Pienaar & Kok. 1991. *South African Journal of Botany* 57: 236–245.

(9) Pienaar & Van Wyk. 1992. *South African Journal Botany* 58: 414–429.

(10) Mithen & Kibblewhite. 1993. *Kirkia* 14,1: 100–113.

(11) Pienaar. 1993. *Bothalia* 23: 68–70.

angustifolia Benth. = **Sphenostylis angustifolia**

angustifolia (Schumach. & Thonn.) Hook.f. = **V. vexillata** var. **angustifolia**

angustifoliolata Verdc. = **V. unguiculata** subsp. **steno-phylla**

brachystachys Benth. = **V. luteola** var. **luteola**

burchellii (DC.) Harv. = **Otoptera burchellii**

***comosa** Baker subsp. **comosa**

Annual. Herb, climber. Ht? Alt? FS

davyi Bolus = **V. vexillata** var. **davyi**

decipiens Harv. = **V. frutescens** subsp. **frutescens** var. **frutescens**

dekindtiana Harms = **V. unguiculata** subsp. **dekindtiana** var. **dekindtiana**

dinteri Harms = **V. lobatifolia**

friesiorum Harms var. **friesiorum**

Perennial. Herb. Ht? Alt ?–152 m. M

frutescens A.Rich. subsp. **frutescens** var. **frutescens**

V. decipiens Harv. (3)

V. longiloba Burt Davy (3)

V. pongolensis Burt Davy (3)

V. pseudotriloba Harms (3)

Perennial. Herb, climber. Ht 0.1–1 m. Alt 61–1647 m. N, B, LIM, NW, G, M, S, KZN, EC

galpinii Burt Davy = **V. nervosa**

glabra Savi = **V. luteola** var. **luteola**

huillensis Welw. ex Baker = **V. unguiculata** subsp. **dekindtiana** var. **huillensis**

hygrophila Harms = **V. oblongifolia** var. **parviflora**

junodii Harms = **Dolichos junodii**

kokii B.J.Pienaar

Perennial. Herb, climber. Ht? Alt 305–458 m. N, NW, M

lobatifolia Baker

V. dinteri Harms (2)

Perennial. Herb, climber. Ht? Alt 305–458 m. N

longiloba Burt Davy = **V. frutescens** subsp. **frutescens** var. **frutescens**

luteola (Jacq.) Benth. var. **luteola**

Phaseolus luteolus (Jacq.) Gagnep. (3)

V. brachystachys Benth. (3)

V. glabra Savi (3)

Perennial. Herb, climber. Ht 0.3–1.52 m. Alt 3–1000 m. N, B, LIM, M, KZN, WC, EC

marginata (E.Mey.) Benth. = **Sphenostylis marginata** subsp. **marginata**

marina (Burm.) Merr.

V. retusa (E.Mey.) Walp. (3)

Perennial. Herb. Ht? Alt 0–580 m. KZN

monophylla Taub.

Perennial. Herb, climber. Ht 0.15–0.6 m. Alt? B

mudenia B.J.Pienaar

Perennial. Herb, climber. Ht? Alt? G, KZN

nervosa Markötter

Dolichos reticulatus Schltr. (9)

V. galpinii Burt Davy (3)

Perennial. Herb, climber. Ht 0.12–0.8 m. Alt 915–2000 m. LIM, M, FS, KZN, EC

oblongifolia A.Rich. var. **oblongifolia**

V. wilmsii Burt Davy (3)

Annual. Herb, climber. Ht? Alt 335–1250 m. N, NW, G, M, FS, KZN

oblongifolia A.Rich. var. **parviflora** (Baker) Verdc.

V. hygrophila Harms (3)

V. parviflora Baker (3)

Annual. Herb, climber. Ht? Alt 930–1312 m. N, B, NW, G, M, KZN

parviflora Baker = **V. oblongifolia** var. **parviflora**
pongolensis Burt Davy = **V. frutescens** subsp. **frutescens** var. **frutescens**
pseudotriloba Harms = **V. frutescens** subsp. **frutescens** var. **frutescens**
pubescens Wilczek = **V. unguiculata** subsp. **protracta** **pygmaea** R.E.Fries
 Perennial. Herb. Ht? Alt 305–458 m. N
retusa (E.Mey.) Walp. = **V. marina**
rhomboidea Burt Davy = **V. unguiculata** subsp. **protracta**
sinensis (L.) Hassk. = **V. unguiculata** subsp. **unguiculata**
stenophylla (Harv.) Burt Davy = **V. unguiculata** subsp. **stenophylla**
tenuis (E.Mey.) D.Dietr. = **V. unguiculata** subsp. **tenuis** var. **tenuis**
triloba (Thunb.) Walp. in part = **V. unguiculata** subsp. **protracta**
triloba (Thunb.) Walp. in part = **V. unguiculata** subsp. **unguiculata**
triloba Walp. var. *stenophylla* Harv. = **V. unguiculata** subsp. **stenophylla**
unguiculata (L.) Walp. subsp. **dekindtiana** (Harms) Verdc. var. **dekindtiana**
V. dekindtiana Harms (9)
 Annual, occ. perennial. Herb, climber. Ht 0.2–6 m. Alt 152–1150 m. N, B, LIM, NW, G, M
unguiculata (L.) Walp. subsp. **dekindtiana** (Harms) Verdc. var. **huillensis** (Welw. ex Baker) B.J.Pienaar
V. huillensis Welw. ex Baker (9)
 Annual, occ. perennial. Herb, climber. Ht? Alt 381–1494 m. N, B, LIM, NW, G, M
unguiculata (L.) Walp. subsp. **protracta** (E.Mey.) B.J.Pienaar
Scytalis hispida E.Mey. (8)
Scytalis protracta E.Mey. (8)
V. pubescens Wilczek (8)
V. rhomboidea Burt Davy (8)
V. triloba (Thunb.) Walp. in part (8)
 Perennial. Herb. Ht ?–0.8 m. Alt 15–1830 m. NW, G, M, S, KZN, EC
unguiculata (L.) Walp. subsp. **stenophylla** (Harv.) Maréchal, Mascherpa & Stainier
V. angustifoliolata Verdc. (9)
V. stenophylla (Harv.) Burt Davy (9)
V. triloba Walp. var. *stenophylla* Harv. (9)
 Perennial. Herb, climber. Ht 0.2–0.6 m. Alt 15–2100 m. N, B, LIM, NW, G, M, FS, KZN
unguiculata (L.) Walp. subsp. **tenuis** (E.Mey.) Maréchal var. **ovata** (E.Mey.) B.J.Pienaar
Scytalisse tenuis E.Mey. var. *ovata* E.Mey. (3)
 Perennial. Herb, climber. Ht? Alt 3–950 m. KZN
unguiculata (L.) Walp. subsp. **tenuis** (E.Mey.) Maréchal var. **tenuis**
V. tenuis (E.Mey.) D.Dietr. (9)
 Perennial. Herb, climber. Ht? Alt 50–730 m. LIM, KZN
unguiculata (L.) Walp. subsp. **unguiculata**
Dolichos sinensis L. (3)
Dolichos unguiculatus L. (2)
V. sinensis (L.) Hassk. (2)
V. triloba (Thunb.) Walp. in part (2)

Annual, occ. perennial. Herb, climber. Ht 0.2–2 m. Alt 5–1713 m. N, B, G, M, S, KZN, EC
vexillata (L.) A.Rich. var. **angustifolia** (Schumach. & Thonn.) Baker
V. angustifolia (Schumach. & Thonn.) Hook.f. (8)
 Perennial. Herb, climber. Ht ?–0.6 m. Alt 91–1678 m. LIM, NW, G, M, FS, KZN, EC
vexillata (L.) A.Rich. var. **davyi** (Bolus) B.J.Pienaar
V. davyi Bolus (8)
 Perennial. Herb, climber. Ht 0.2–0.3 m. Alt 579–1600 m. M, S, KZN
vexillata (L.) A.Rich. var. **ovata** (E.Mey.) B.J.Pienaar
 Perennial. Herb, creeper. Ht 0.1–0.9 m. Alt 8–1525 m. S, KZN, EC
vexillata (L.) A.Rich. var. **vexillata**
Phaseolus vexillatus L. (3)
 Perennial. Herb, climber. Ht 0.15–1.2 m. Alt 5–2000 m. LIM, NW, G, M, S, FS, KZN, EC
wilmsii Burt Davy = **V. oblongifolia** var. **oblongifolia**

VIRGILIA Poir. 3608000

Compiled by H.F. Glen

- (1) Phillips. 1928. *The Flowering Plants of South Africa* 8: t. 305.
- (2) Salter. 1939. *Journal of South African Botany* 5: 58.
- (3) Van Wyk. 1986. *South African Journal of Botany* 52: 347–353.

aurea (Aiton) Lam. = **Calpurnia aurea** subsp. **aurea**
capensis in sense of Pole Evans, not of (L.) Lam., misapplied name = **V. divaricata**

capensis (L.) Lam. = **V. oroboides** subsp. **oroboides**
capensis (L.) Lam. subsp. *capensis* = **V. oroboides** subsp. **ferruginea**

divaricata Adamson

V. capensis in sense of Pole Evans, not of (L.) Lam., misapplied name (3)

Perennial. Tree. Ht 4–16 m. Alt 0–1300 m. WC, EC

intrusa R.Br. in W.T.Aiton = **Calpurnia intrusa**

oroboides (P.J.Bergius) Salter subsp. **ferruginea** B.-E. van Wyk

V. capensis (L.) Poir. subsp. *capensis* (3)

Perennial. Tree. Ht 5–15 m. Alt 0–900 m. WC

oroboides (P.J.Bergius) Salter subsp. **oroboides**

Hypocalyptus capensis (L.) Thunb. (3)

Podalyria capensis (L.) Willd. (3)

Sophora capensis L. (3)

Sophora oroboides P.J.Bergius (3)

V. capensis (L.) Lam. (3)

Perennial. Tree. Ht 3–15 m. Alt 30–1100 m. WC

WIBORGIA Thunb. 3661000

Compiled by H.F. Glen

- (1) Dahlgren. 1975. *Opera Botanica* 38: 1–83.

angustifolia Benth. = **W. tenuifolia**

apterophora R.Dahlgren = **W. humilis**

armata (Thunb.) Harv. = **W. mucronata**

armata (Thunb.) Harv. var. *puberula* Harv. = **W. monop-tera**

cuspidata (E.Mey.) Benth. = **W. incurvata**

flexuosa E.Mey. = **W. fusca** subsp. **fusca**

floribunda Lodd. = **W. obcordata**

fusca Thunb. subsp. **fusca**

- Jacksonago flexuosa* (E.Mey.) Kuntze (1)
Jacksonago fusca (Thunb.) Kuntze (1)
Peltaria capensis Burm.f. (1)
Pterocarpus peltaria DC. (1)
W. flexuosa E.Mey. (1)
W. oblongata E.Mey. (1)
 Perennial. Shrub. Ht 0.4–1.5 m. Alt 30–850 m. NC, WC
- fusca** Thunb. subsp. **macrocarpa** R.Dahlgren
 Perennial. Shrub. Ht up to 2 m. Alt 50–200 m. NC, WC
- grandiflora* E.Mey. = **Lebeckia sessilifolia**
heteroclados E.Mey. = **W. mucronata**
- humilis** (Thunb.) R.Dahlgren
Lebeckia humilis Thunb. (1)
W. apterophora R.Dahlgren (1)
 Perennial. Dwarf shrub. Ht up to 0.35 m. Alt 400–600 m. NC
- incurvata** E.Mey.
Jacksonago cuspidata (E.Mey.) Kuntze (1)
W. cuspidata (E.Mey.) Benth. (1)
 Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 300–900 m. NC
- lanceolata* E.Mey. = **W. sericea**
- leptoptera** R.Dahlgren subsp. **cedarbergensis** R.Dahlgren
 Perennial. Shrub. Ht 0.8–1.5 m. Alt 100–300 m. NC, WC
- leptoptera** R.Dahlgren subsp. **leptoptera**
 Perennial. Shrub, dwarf shrub. Ht 0.3–0.6 m. Alt 100–250 m. WC
- monoptera** E.Mey.
W. armata (Thunb.) Harv. var. *puberula* Harv. (1)
 Perennial. Shrub. Ht 0.6–1 m. Alt 150–1250 m. NC, WC
- mucronata** (L.f.) Druce
Acanthobotrya armata (Thunb.) Eckl. & Zeyh. (1)
Aspalathus mucronata L.f. (1)
Jacksonago armata (Thunb.) Kuntze (1)
Lebeckia armata Thunb. (1)
W. armata (Thunb.) Harv. (1)
W. heteroclados E.Mey. (1)
W. spinescens Eckl. & Zeyh. (1)
 Perennial. Shrub, dwarf shrub. Ht 1–2.5 m. Alt 0–1250 m. NC, WC
- obcordata** (P.J.Bergius) Thunb.
Crotalaria floribunda Lodd. (1)
Crotalaria obcordata P.J.Bergius (1)
Hedysarum capense Burm.f. (1)
Jacksonago obcordata (P.J.Bergius) Kuntze (1)
Loethainia obcordata (P.J.Bergius) Heynh. (1)
W. floribunda Lodd. (1)
 Perennial. Shrub. Ht 1–3.5 m. Alt 0–1350 m. NC, WC
- oblongata* E.Mey. = **W. fusca** subsp. **fusca**
- parvifolia* E.Mey. = **W. tenuifolia**
- sericea** Thunb.
Jacksonago sericea (Thunb.) Kuntze (1)
Loethainia sericea (Thunb.) Heynh. (1)
W. lanceolata E.Mey. (1)
 Perennial. Shrub, dwarf shrub. Ht 0.3–1.2 m. Alt 100–1200 m. NC, WC
- spinescens* Eckl. & Zeyh. = **W. mucronata**
- tenuifolia** E.Mey.
W. angustifolia Benth. (1)
W. parvifolia E.Mey. (1)
W. tetraptera E.Mey. var. *β angustifolia* (Benth.) Harv. (1)
- Perennial. Shrub. Ht 0.7–1.4 m. Alt 50–400 m. WC
- tetraptera** E.Mey.
Jacksonago tetraptera (E.Mey.) Kuntze (1)
 Perennial. Shrub. Ht 0.6–1.5 m. Alt 100–750 m. NC, WC
- tetraptera* E.Mey. var. *β angustifolia* (Benth.) Harv. = **W. tenuifolia**
- XANTHOCERCIS** Baill. 3847000
 Compiled by H.F. Glen
 (1) Dumaz-le-Grand. 1953. *Bulletin de la Société Botanique de France* 99: 313–315.
- zambesiaca** (Baker) Dumaz-le-Grand
Pseudocadia zambesiaca (Baker) Harms (1)
 Perennial. Tree. Ht 7–40 m. Alt 200–1150 m. B, LIM, M
- XEROCARPUS** Guill. & Perr. 3659010
hirsutus Guill. & Perr. = **Rothia hirsuta**
- XEROCLADIA** Harv. 3453000
 Compiled by T. Nkonki
 (1) Ross. 1975. *FSA* 16,1: 130, 131.
- viridiramis** (Burch.) Taub.
Acacia viridiramis Burch. (1)
X. zeyheri Harv. (1)
 Perennial. Shrub. Ht 0.1–2 m. Alt 100–1200 m. N, NC
- zeyheri* Harv. = **X. viridiramis**
- XERODERRIS** Roberty 3838010
 Compiled by H.F. Glen
 (1) Polhill. 1971. *FTEA Leguminosae*, part 3: 91–93.
- stuhlmannii** (Taub.) Mendonça & E.C.Sousa
Deguelia stuhlmannii Taub. (1)
Derris stuhlmannii (Taub.) Harms (1)
Ostryoderris stuhlmannii (Taub.) Harms (1)
 Perennial. Tree. Ht 5–18 m. Alt 200–1000 m. N, B, LIM
- XIPHOTHECA** Eckl. & Zeyh. 3643010
 Compiled by T. Nkonki
 (1) Schutte & Van Wyk. 1993. *Taxon* 42,1: 43–49.
 (2) Schutte & Van Wyk. 1997. *Annals of the Missouri Botanical Garden* 84,1: 90–102.
- canescens** (Thunb.) A.L.Schutte & B.-E.van Wyk
Priestleya schlechteri L.Bolus (1)
 Perennial. Shrub. Ht 1–2 m. Alt ?–820 m. NC, WC
- cordifolia** A.L.Schutte & B.-E.van Wyk
 Perennial. Shrub. Ht ?–2.5 m. Alt 1333–1666 m. WC
- elliptica** (DC.) A.L.Schutte & B.-E.van Wyk
Priestleya elliptica DC. (1)
 Perennial. Dwarf shrub. Ht 0.4–0.7 m. Alt 366–1400 m. WC
- fruticosa** (L.) A.L.Schutte & B.-E.van Wyk
Crotalaria lanata Thunb.(2)
Priestleya villosa DC., illegitimate name (1)
 Perennial. Dwarf shrub. Ht 1.2–2.5 m. Alt 397–900 m. WC
- guthriei** (L.Bolus) A.L.Schutte & B.-E.van Wyk
Priestleya guthriei L.Bolus (1)
 Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 61–130 m. WC

lanceolata (E.Mey.) Eckl. & Zeyh.*Priestleya glauca* Salter (1)*Priestleya lanceolata* E.Mey. (1)Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 35–610 m.
WC**phylicoides** A.L.Schutte & B.-E.van Wyk

Perennial. Shrub. Ht ?–1.2 m. Alt 530–800 m. WC

polycarpa Eckl. & Zeyh. = **X. tecta****reflexa** (Thunb.) A.L.Schutte & B.-E.van Wyk*Priestleya sericea* of author, concept invalid (1)Perennial. Dwarf shrub. Ht 0.2–1.2 m. Alt 30–1500 m.
WC**rotundifolia** (Eckl. & Zeyh.) Walp. = **X. tecta****tecta** (Thunb.) A.L.Schutte & B.-E.van Wyk*Liparia tecta* Thunb. (1)*Priestleya rotundifolia* (Eckl. & Zeyh.) Walp. (1)*Priestleya stokoei* L.Bolus (1)*Priestleya tecta* (Thunb.) DC. (1)*X. polycarpa* Eckl. & Zeyh. (2)*X. rotundifolia* (Eckl. & Zeyh.) Walp. (2)

Perennial. Shrub, dwarf shrub. Ht 0.3–1.8 m. Alt 300–702 m. WC

XYLIA Benth.

3462000

Compiled by T. Nkonki

(1) Ross. 1975. *FSA* 16,1: 136, 137.**torreana** Brenan

Perennial. Tree. Ht 6–15 m. Alt 250–500 m. LIM

ZORNIA J.F.Gmel.

3804000

Compiled by T. Nkonki

(1) Mohlenbrock. 1961. *Webbia* 16: 1–141.**capensis** Pers. subsp. **capensis***Z. tetraphylla* Michx. var. *capensis* (Pers.) Harv. (1)Perennial. Herb. Ht 0.05–3 m. Alt 5–2000 m. LIM,
NW, G, M, S, FS, KZN, NC, EC**glochidiata** DC.Annual. Herb. Ht 0.1–0.5 m. Alt 380–1112 m. N, B,
LIM, NW, G, M, EC**linearis** E.Mey.*Z. tetraphylla* Michx. var. *linearis* (E.Mey.) Harv. (1)Perennial. Herb. Ht 0.1–0.4 m. Alt 90–1830 m. LIM,
NW, G, M, KZN, EC**milneana** Mohlenbr.Perennial. Herb. Ht 0.1–0.75 m. Alt 15–1950 m. N, B,
LIM, NW, G, M, FS, KZN, EC*tetraphylla* Michx. var. *capensis* (Pers.) Harv. = **Z. capensis** subsp. **capensis***tetraphylla* Michx. var. *linearis* (E.Mey.) Harv. = **Z. linearis****ZYGIA** Walp.

3443030

fastigiata E.Mey. = **Albizia adianthifolia** var. **adianthifolia*****FAGACEAE**

Compiled by H.F. Glen

***QUERCUS** L.

1893000

(1) Bean. 1976. *Trees and shrubs of the British Isles* 3: 454–521.(2) Bailey & Bailey. 1977. *Hortus third*: 933–935.(3) Schwarz. 1993. *Flora europaea* edn 2,1: 72–76.(4) Cullen & Maxwell. 1995. *European garden flora* 3: 66–79.*pedunculata* Ehrh. = **Q. robur****robur** L.*Q. pedunculata* Ehrh. (2)Perennial. Tree. Ht 4–20 m. Alt 150–1600 m. KZN,
WC**FLACOURTIACEAE**

Compiled by C.L. Bredenkamp

Notes: phylogenetic relationships within the Flacourtiaceae have been assessed with rbcL DNA sequences and two groups have been identified. The first group retains the family name Salicaceae as the name has nomenclatural priority, and the second group has the conserved name Achariaceae (Soltis *et al.* 2000, in *Botanical Journal of the Linnean Society* 133: 381–461; Chase *et al.* 2002, in *Kew Bulletin* 57: 141). Although Chase *et al.* (2002) have placed the Flacourtiaceae and Samydeaceae in synonymy under Salicaceae and Achariaceae, the present publication retains the families Flacourtiaceae and Achariaceae for practical reasons.

ABERIA Hochst.

5328010

caffra Hook.f. & Harv. = **Dovyalis caffra***zeyheri* Sond. = **Dovyalis zeyheri****APHLOIA** (DC.) Benn.

5326000

(1) Bennett. 1840. *Plantae javanicae rariores* 2: 192.(2) Wild. 1960. *FZ* 1: 279–281.(3) Killick. 1976. *FSA* 22: 80–82.(4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 122.*myrtifolia* Galpin = **A. theiformis****theiformis** (Vahl) Benn.*A. myrtifolia* Galpin (3)*Neumannia myrtiflora* (Galpin) T.Durand (3)Perennial. Tree, shrub. Ht 2–10 m. Alt 380–1730 m.
LIM, M, S, KZN**BLACKWELLIA** Warb.

5313010

dentata Harv. = **Homalium dentatum***rufescens* Arn. = **Homalium rufescens**

- CASEARIA** Jacq. 5343000
 (1) Wild. 1960. *FZ* 1: 293, 294.
 (2) Killick. 1976. *FSA* 22: 91, 92.
 (3) Sleumer. 1980. *Flora Neotropica* 22: 280–415.
 (4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 123.
- gladiiformis** Mast.
 Perennial. Tree. Ht 2.28–24.38 m. Alt 30–1675 m. KZN, EC
- DOVYALIS** E.Mey. ex Arn. 5328000
 (1) Killick. 1969. *The Flowering Plants of Africa* 39: t. 1546.
 (2) Thom. 1971. *The Flowering Plants of Africa* 41: t. 1608.
 (3) Langenegger. 1976. *FSA* 22: 84–90.
 (4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 123.
 (5) Pooley. 1993. *Trees of Natal*: 334–338.
- caffra** (Hook.f. & Harv.) Hook.f.
Aberia caffra Hook.f. & Harv. (3)
 Perennial. Tree, shrub. Ht 1.82–7.62 m. Alt 15–1370 m.
 LIM, M, S, KZN, WC, EC
- celastroides* Sond. = **D. rotundifolia**
- longispina** (Harv.) Warb.
 Perennial. Tree, shrub. Ht 5–20 m. Alt 5–105 m. S, KZN
- lucida** Sim
 Perennial. Tree, shrub. Ht 0.6–12.19 m. Alt 90–1890 m.
 LIM, M, S, KZN, EC
- rhamnoides** (Burch. ex DC.) Burch. & Harv.
D. zizyphoides E.Mey. ex Sond. (3)
 Perennial. Tree, shrub. Ht 0.6–6.09 m. Alt 5–1646 m.
 LIM, M, S, KZN, WC, EC
- rotundifolia** (Thunb.) Thunb. & Harv.
D. celastroides Sond. (3)
 Perennial. Tree, shrub. Ht 1.21–6.09 m. Alt 30–460 m. EC
- tristis* (Sond.) Warb. = **D. zeyheri**
- zeyheri** (Sond.) Warb.
Aberia zeyheri Sond. (3)
D. tristis (Sond.) Warb. (3)
 Perennial. Tree, shrub. Ht 1.52–11 m. Alt 30–1675 m.
 LIM, NW, G, M, S, KZN, EC
- zizyphoides* E.Mey. ex Sond. = **D. rhamnoides**
- FLACOURTIA** L'Hér. 5327000
 (1) Wild. 1960. *FZ* 1: 285, 286.
 (2) Killick. 1976. *FSA* 22: 82–84.
 (3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 123, 124.
- hirtiuscula* = **F. indica**
- indica** (Burm.f.) Merr.
F. hirtiuscula Oliv. (2)
 Perennial. Tree, shrub. Ht 0.6–15.24 m. Alt 10–1555 m.
 N, B, LIM, NW, M, KZN, EC
- GERRARDINA** Oliv. 5312000
 (1) Wild. 1960. *FZ* 1: 287.
 (2) Killick. 1976. *FSA* 22: 72–74.
- foliosa** Oliv.
 Perennial. Tree, shrub. Ht 0.8–10 m. Alt 12–1920 m.
 LIM, M, S, KZN, EC
- HOMALIUM** Jacq. 5313000
 (1) Wild. 1960. *FZ* 1: 287–293.
 (2) Sleumer. 1973. *Bulletin du Jardin Botanique National de Belgique* 43: 239–328.
 (3) Killick. 1976. *FSA* 22: 74–77.
- (4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 124.
- abdessammadii** Asch. & Schweinf.
 Perennial. Tree. Ht 4–10 m. Alt up to 945 m. N
- dentatum** (Harv.) Warb.
Blackwellia dentata Harv. (3)
H. subsuperum Sprague (3)
 Perennial. Tree. Ht 6–30 m. Alt 305–1525 m. LIM, M, S, KZN, EC
- rufescens** Benth.
Blackwellia rufescens Arn. (3)
 Perennial. Tree. Ht 3.04–6.09 m. Alt 5–800 m. KZN, EC
subsuperum Sprague = **H. dentatum**
- KIGGELARIA** L. 5296000
 (1) Killick. 1976. *The Flowering Plants of Africa* 43: t. 1702.
 (2) Wild. 1960. *FZ* 1: 265–267.
 (3) Killick. 1976. *FSA* 22: 60–63.
 (4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 124.
- africana** L.
K. dregeana Turcz. (3)
K. ferruginea Eckl. & Zeyh. (3)
 Perennial. Tree, shrub. Ht up to 17 m. Alt 5–2560 m.
 LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- dregeana* Turcz = **K. africana**
- ferruginea* Eckl. & Zeyh. = **K. africana**
- NEUMANNIA** A.Rich. 5326010
myrtiflora (Galpin) T.Durand = **Aphloia theiformis**
- ONCOBA** Forssk. 5284000
 (1) Verdoorn. 1951. *The Flowering Plants of Africa* 28: t. 1111.
 (2) Wild. 1960. *FZ* 1: 275, 276.
 (3) Killick. 1976. *FSA* 22: 56–58.
 (4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 124, 125.
 (5) Hul & Breteler. 1997. *Adansonia* Sér. 3,19,2: 253–262.
- kraussiana* (Hochst.) Planch. = **Xylothea kraussiana**
- spinosa** Forssk. subsp. **spinosa**
 Perennial. Tree, shrub. Ht 1.82–5 m. Alt 30–1065 m.
 N, B, LIM, M, S, KZN
- PHOBEROS** Lour. 5304020
mundii (Eckl. & Zeyh.) C.Presl = **Scolopia mundii**
- PSEUDOSCOLOPIA** Gilg 5304010
 (1) Killick. 1976. *FSA* 22: 70–72.
- fraseri* E.Phillips = **P. polyantha**
- polyantha** Gilg
P. fraseri E.Phillips (1)
 Perennial. Tree, shrub. Ht 2–6 m. Alt 50–155 m. KZN, WC, EC
- RAWSONIA** Harv. & Sond. 5275000
 (1) Wild. 1960. *FZ* 1: 262, 263.
 (2) Killick. 1976. *FSA* 22: 54–56.
 (3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 125.
- lucida** Harv. & Sond.
 Perennial. Tree. Ht 0.46–15 m. Alt 5–2900 m. B, LIM, M, S, KZN, EC

SCOLOPIA Schreb. 5304000

- (1) Wild. 1960. *FZ* 1: 276–279.
 (2) Killick. 1976. *FSA* 22: 63–70.
 (3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 125.

ecklonii (Nees) Harv. = **S. zeyheri****flanaganii** (Bolus) Sim*Xylosma flanaganii* Bolus (2)

Perennial. Tree, shrub. Ht 0.04–5 m. Alt 5–1950 m. KZN, EC

flanaganii (Bolus) Sim var. *oreophila* Sleumer = **S. oreophila****mundii** (Eckl. & Zeyh.) Warb.*Phoberos mundii* (Eckl. & Zeyh.) C.Presl (2)

Perennial. Tree, shrub. Ht 1.21–16 m. Alt 30–2200 m. LIM, NW, M, S, FS, KZN, L, WC, EC

oreophila (Sleumer) Killick*S. flanaganii* (Bolus) Sim var. *oreophila* Sleumer (2)

Perennial. Tree. Ht 10.97–12 m. Alt up to 1770 m. KZN

stolzii Gilg & Sleumer var. **stolzii**

Perennial. Tree. Ht 6.09–14 m. Alt 0–30 m. S, KZN

zeyheri (Nees) Harv.*S. ecklonii* (Nees) Harv. (2)

Perennial. Tree, shrub. Ht 0.02–13.1 m. Alt 5–1900 m. N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

TRIMERIA Harv. 5315000

- (1) Killick. 1976. *FSA* 22: 77–80.
 (2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 126.

alnifolia (Hook.) Harv. = **T. grandifolia** subsp. **grandifolia****grandifolia** (Hochst.) Warb. subsp. **grandifolia***T. alnifolia* (Hook.) Harv. (1)

Perennial. Tree, shrub. Ht 3–10 m. Alt 5–2020 m. LIM, M, S, FS, KZN, L, WC, EC

trinervis Harv.

Perennial. Tree. Ht 0.08–5 m. Alt 305–1700 m. M, KZN, EC

XYLOSMA G.Forst. 5320000*flanaganii* Bolus = **Scolopia flanaganii****XYLOTHECA** Hochst. 5284010

- (1) Wild. 1960. *FZ* 1: 272–275.
 (2) Killick. 1969. *The Flowering Plants of Africa* 39: t. 1535.
 (3) Killick. 1976. *FSA* 22: 58–60.
 (4) Hul & Breteler. 1997. *Adansonia* Sér. 3, 19,2: 255.

kraussiana Hochst.*Oncoba kraussiana* (Hochst.) Planch. (3)*X. kraussiana* Hochst. var. *glabrifolia* Wild (3)

Perennial. Tree, shrub. Ht up to 10 m. Alt 10–610 m. LIM, S, KZN

kraussiana Hochst. var. *glabrifolia* Wild = **X. kraussiana**

FRANKENIACEAE

Compiled by C.L. Bredenkamp

FRANKENIA L. 5233000

- (1) Roessler & Schreiber. 1968. *FSWA* 91: 1, 2.
 (2) Obermeyer. 1976. *FSA* 22: 33–36.
 (3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 126.

pomonensis Pohnert

Perennial. Dwarf shrub. Ht 0.15–1 m. Alt 3–? m. N

pulverulenta L.

Annual. Herb. Ht 0.02–0.35 m. Alt 3–1370 m. N, NW, FS, NC, WC, EC

repens (P.J.Bergius) Fourc.

Perennial. Dwarf shrub. Ht 0.05–0.3 m. Alt 1–275 m. NC, WC, EC

FUMARIACEAE

Compiled by M.C. Makgakga

CORYDALIS Vent. 2858000*cracca* Cham. & Schltld. = **Cysticapnos cracca****CYSTICAPNOS** Mill. 2858020

- (1) Fedde. 1924. *Feddes Repertorium* 19: 285–288.
 (2) Lidén. 1986. *Opera Botanica* 88: 105–108.

africana Gaertn. = **C. vesicaria****cracca** (Cham. & Schltld.) Lidén*Corydalis cracca* Cham. & Schltld. (2)*Phacocapnos cracca* (Cham. & Schltld.) Bernh. (2)

Annual. Herb. Ht up to 0.22 m. Alt 5–914 m. NC, WC

grandiflora Bernh.*Phacocapnos burmannii* (Eckl. & Zeyh.) Hutch. (2)

Annual. Herb. Ht ± 1.5 m. Alt up to 640 m. NC, WC

parviflora Lidén

Annual. Herb. Ht? Alt? WC

pruinosa (Bernh.) Lidén*Phacocapnos pruinosa* (E.Mey.) Bernh. (2)

Annual. Herb. Ht 0.17–0.52 m. Alt 155–3200 m. FS, KZN, EC

vesicaria (L.) Fedde*C. africana* Gaertn. (1)

Annual. Herb. Ht 0.1–0.5 m. Alt 5–1525 m. N, NC, WC

DISCOCAPNOS Cham. & Schltld. 2861010

- (1) Adamson & Salter. 1950. *Flora of the Cape Peninsula*: 406.
 (2) Bond & Goldblatt. 1984. *Journal of South African Botany* Suppl. Vol. 13: 301.
 (3) Lidén. 1986. *Opera Botanica* 88: 104.

dregei Hutch. = **D. mundtii**

mundtii Cham. & Schltldl.*D. dregei* Hutch. (3)*Fumaria mundtii* Spreng. (1)

Annual. Herb. Ht ± 1.5 m. Alt? WC, EC

FUMARIA L.** 2861000(1) Exell. 1960. *FZ* 1,1: 181.(2) Sell. 1964. *Flora europaea* 1: 255–258.(3) Ross 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 173.(4) Lidén. 1986. *Opera Botanica* 88: 78, 88.*mundtii* Spreng. = **Discocapnos mundtii*muralis** Sond. ex W.D.J.Koch subsp. **muralis***F. officinalis* L. var. *grandiflora* DC. (4)

Perennial. Herb. Ht ± 0.5 m. Alt 5–2285 m. LIM, G, FS, KZN, NC, WC, EC

officinalis L. var. *grandiflora* DC. = **F. muralis** subsp. **muralis****parviflora** Lam.

Perennial. Herb. Ht? Alt? G, FS

PHACOCAPNOS Bernh. 2858010*burmannii* (Eckl. & Zeyh.) Hutch. = **Cysticapnos grandiflora***cracca* (Cham. & Schltldl.) Bernh. = **Cysticapnos cracca***pruinus* (E.Mey.) Bernh. = **Cysticapnos pruinosa****TRIGONOCAPNOS** Schltr. 2862000(1) Lidén. 1986. *Opera Botanica* 88: 105.*curvipes* Schltr. = **T. lichtensteinii****lichtensteinii** (Cham. & Schltldl.) Lidén*T. curvipes* Schltr. (1)

Annual. Herb. Ht ± 0.3 m. Alt 305–1065 m. NC, WC

GEISSOLOMATACEAE

Compiled by C.L. Bredenkamp

GEISSOLOMA Lindl. ex Kunth 5422000(1) Dahlgren & Rao. 1969. *Botaniska Notiser* 122: 207–227.**marginatum** (L.) Juss.

Perennial. Shrub. Ht 0.61–0.91 m. Alt up to 610 m. WC

GENTIANACEAE

Compiled by C.L. Bredenkamp & N. Govender

ANTHOCLEISTA Afzel. ex R.Br. 6466000(1) Leeuwenberg. 1961. *Acta Botanica Neerlandica* 10: 1–53.(2) Verdoorn. 1963. *FSA* 26: 135, 136.(3) Leeuwenberg. 1993. *The Flowering Plants of Africa* 52: t. 2080.(4) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 932, 933.**grandiflora** Gilg

Perennial. Tree. Ht 5–35 m. Alt 0–2300 m. N, LIM, M, S

liebrechtsiana De Wild. & T.Durand

Perennial. Tree, shrub. Ht 1.5–12 m. Alt 0–400 m. N

BELMONTIA E.Mey. 6483010*cordata* (L.f.) E.Mey. = **Sebaea exacoides***cordata* (L.f.) Roem. & Schult. var. *intermedia* (Cham. & Schltldl.) Griseb. = **Sebaea micrantha** var. **intermedia***cordata* (L.f.) Roem. & Schult. var. *micrantha* (Cham. & Schltldl.) Griseb. = **Sebaea micrantha** var. **micrantha***debilis* (Welw.) Schinz = **Sebaea debilis***flanaganii* Schinz = **Sebaea spathulata***grandis* E.Mey. = **Sebaea grandis***spathulata* E.Mey. = **Sebaea spathulata****CHIRONIA** L. 6503000(1) Mogg. 1941. *The Flowering Plants of South Africa* 21: t. 814.(2) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 951.(3) Marais & Verdoorn. 1963. *FSA* 26: 212–236.(4) Hilliard. 1983. *Notes from the Royal Botanic Garden Edinburgh* 41: 303, 304.**albiflora** Hilliard

Perennial. Herb. Ht up to 0.45 m. Alt? KZN, EC

arenaria E.Mey.*C. arenaria* E.Mey. var. *mediocris* (Schoch) Prain (3)

Perennial. Dwarf shrub, suffrutex. Ht up to 0.3 m. Alt? NC, WC

arenaria E.Mey. var. *mediocris* (Schoch) Prain = **C. arenaria****baccifera** L.

Perennial. Dwarf shrub, herb, suffrutex. Ht 0.1–1 m. Alt 5–1450 m. KZN, NC, WC, EC

decumbens Levyns*C. maritima* Eckl. (3)

Annual. Herb. Ht 0.6–0.7 m. Alt 1–765 m. WC, EC

emarginata Jaroscz = **C. linoides** subsp. **emarginata***gracilis* Salisb. ex Prain = **C. linoides** subsp. **nana***gracilis* Salisb. ex Prain var. *macrocalyx* Prain = **C. linoides** subsp. **macrocalyx***humilis* Gilg = **C. purpurascens** subsp. **humilis****jasminoides** L.

Perennial. Herb, suffrutex. Ht 0.3–1.2 m. Alt 30–1220 m. WC, EC

krebsii Griseb.

Annual, occ. perennial. Herb. Ht 0.3–1 m. Alt 75–2700 m. LIM, G, M, S, FS, KZN, L, EC

laxa Gilg

Annual, occ. perennial. Herb. Ht 0.2–0.7 m. Alt 400–610 m. KZN, EC

linoides L. subsp. **emarginata** (Jaroscz) I. Verd.

C. emarginata Jaroscz (3)

Annual, occ. perennial. Herb, suffrutex. Ht 0.07–0.9 m. Alt 200–1050 m. NC, WC

linoides L. subsp. **linoides**

Annual, occ. perennial. Herb, suffrutex. Ht 0.3–0.9 m. Alt 40–1800 m. NC, WC

linoides L. subsp. **macrocalyx** (Prain) I. Verd.

C. gracilis Salisb. ex Prain var. *macrocalyx* Prain (3)

Annual, occ. perennial. Herb, suffrutex. Ht 0.1–0.3 m. Alt up to 230 m. WC

linoides L. subsp. **nana** I. Verd.

C. gracilis Salisb. ex Prain (3)

Annual, occ. perennial. Dwarf shrub, herb, suffrutex. Ht 0.07–0.2 m. Alt 5–1017 m. WC

maritima Eckl. = **C. decumbens****melampyrifolia** Lam.

Annual. Herb, suffrutex. Ht 0.3–0.8 m. Alt 60–2195 m. WC, EC

palustris Burch. subsp. **palustris**

Annual. Herb. Ht 0.3–0.7 m. Alt 15–1890 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC

palustris Burch. subsp. **rosacea** (Gilg) I. Verd.

C. rosacea Gilg (3)

Annual. Herb. Ht 0.45–0.7 m. Alt 45–1371 m. S, KZN

palustris Burch. subsp. **transvaalensis** (Gilg) I. Verd.

C. transvaalensis Gilg (3)

Annual. Herb. Ht 0.2–0.7 m. Alt 610–1903 m. B, LIM, NW, G, M, S, FS, KZN

peduncularis Lindl.

Perennial. Herb. Ht up to 1 m. Alt up to 6 m. EC

peglerae Prain

Annual, occ. perennial. Herb. Ht 0.3–0.7 m. Alt 365–2285 m. KZN

purpurascens (E.Mey.) Benth. & Hook.f. subsp. **humilis** (Gilg) I. Verd.

C. humilis Gilg (3)

Annual, occ. perennial. Herb. Ht 0.2–0.8 m. Alt 45–2100 m. LIM, NW, G, M, FS, KZN

purpurascens (E.Mey.) Benth. & Hook.f. subsp. **purpurascens**

Annual, occ. perennial. Herb. Ht 0.5–0.8 m. Alt 140–1525 m. S, KZN, WC, EC

rosacea Gilg = **C. palustris** subsp. **rosacea****serpyllifolia** Lehm.

Annual, occ. perennial. Herb. Ht 0.2–0.5 m. Alt 45–365 m. EC

stokoei I. Verd.

Annual, occ. perennial. Dwarf shrub, herb, suffrutex. Ht 0.3–0.5 m. Alt 600–1130 m. WC

tetragona L.f.

Annual. Herb, suffrutex. Ht 0.3–0.6 m. Alt 15–975 m. WC, EC

transvaalensis Gilg = **C. palustris** subsp. **transvaalensis****ENICOSTEMA** Blume 6484000

(1) Marais & Verdoorn. 1963. *FSA* 26: 238.

(2) Raynal. 1969. *Adansonia* 9: 57–85.

(3) Paiva & Nogueira. 1990. *FZ* 7: 49–51.

axillare (Lam.) A. Raynal subsp. **axillare**

E. hyssopifolium (Willd.) I. Verd. (3)

Exacum hyssopifolium Willd. (1)

Perennial. Herb. Ht 0.05–0.3 m. Alt? N, B, LIM, M, S, KZN

hyssopifolium (Willd.) I. Verd. = **E. axillare** subsp. **axillare**

EXACUM L. 6479000

(1) Marais & Verdoorn. 1963. *FSA* 26: 211, 212.

(2) Verdoorn. 1969. *The Flowering Plants of Africa* 40: t. 1576.

(3) Cramer. 1981. *A revision handbook to the flora of Ceylon* 3: 56–66.

(4) Klackenberg. 1985. *Opera Botanica* 84: 85–90.

(5) Klackenberg. 1990. *Flore de Madagascar et des Comores*: 25–29.

(6) Paiva & Nogueira. 1990. *FZ* 7: 8.

hyssopifolium Willd. = **Enicostema axillare** subsp. **axillare**

oldenlandioides (S. Moore) Klack.

E. quinquenervium in sense of authors, misapplied name (4)

Annual. Herb. Ht 0.1–0.6 m. Alt ?–1500 m. LIM, M

quinquenervium in sense of authors, misapplied name = **E. oldenlandioides**

EXOCHAENIUM Griseb. 6483020

debile Welw. = **Sebaea debilis**

grande (E. Mey.) Griseb. = **Sebaea grandis**

thomasi (S. Moore) Schinz = **Sebaea thomasi**

NEUROTHECA Salisb. ex Benth. 6491000

(1) Baker & Brown. 1903. *FTA* 4,1: 561.

(2) Paiva & Nogueira. 1990. *FZ* 7: 4–6.

congolana De Wild. & T. Durand

N. schlechteri Gilg ex Baker (2)

Annual. Herb. Ht 0.05–0.5 m. Alt ± 20 m. KZN

schlechteri Gilg ex Baker = **N. congolana**

ORPHIUM E. Mey. 6504000

(1) Phillips. 1933. *The Flowering Plants of South Africa* 13: t. 490.

(2) Marais & Verdoorn. 1963. *FSA* 26: 236, 237.

frutescens (L.) E. Mey.

Annual, occ. perennial. Dwarf shrub, suffrutex. Ht 0.45–0.6 m. Alt 1–185 m. WC

PYCNOsPHAERA Gilg 6486000

(1) Brown. 1904. *FTA* 4,1: 565.

(2) Paiva & Nogueira. 1990. *FZ* 7: 47, 48.

buchananii (Baker) N.E. Br.

Annual, occ. perennial. Herb. Ht up to 1.5 m. Alt? B

SEBAEA Sol. ex R. Br. 6481000

(1) Schlechter. 1826. *Linnaea* 1: 191–194.

(2) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 331.

(3) Marais & Verdoorn. 1963. *FSA* 26: 172–211.

(4) Hilliard & Burt. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40,2: 277.

(5) Hilliard & Burt. 1983. *Notes from the Royal Botanic Garden Edinburgh* 41,2: 304–306.

(6) Oliver & Beyers. 2001. *Bothalia* 31: 207–209.

acuminata Hill = **S. longicaulis**

acutiloba Schinz = **S. zeyheri** subsp. **acutiloba**

albans (L.f.) Roem. & Schult.

Annual. Herb. Ht 0.04–0.25 m. Alt 50–150 m. WC

ambigua Cham.

Annual. Herb. Ht 0.035–0.2 m. Alt 15–1100 m. WC

- amicorum** I.M.Oliv. & Beyers
Biennial or perennial. Herb. Ht ± 0.5 m. Alt 1670–1980 m. WC, EC
- aurea** (L.f.) Roem. & Schult.
S. glauca Hill (3)
S. paludosa Levyns (3)
Annual. Herb. Ht 0.06–0.3 m. Alt 5–1065 m. WC, EC
- bojeri** Griseb.
S. saccata Schinz (3)
Annual. Herb. Ht 0.05–0.2 m. Alt 365–2600 m. LIM, NW, M, FS, KZN, EC
- brehmeri** Schinz = **S. macrophylla**
- burchellii** Gilg = **S. pentandra** var. **burchellii**
- capitata** Cham. & Schltl. = **S. capitata** var. **capitata**
- capitata** Cham. & Schltl. var. **capitata**
S. capitata Cham. & Schltl. (3)
Annual, occ. perennial. Herb. Ht up to 0.35 m. Alt? WC
- capitata** Cham. & Schltl. var. **sclerosepala** (Schinz) Marais
S. sclerosepala Gilg ex Schinz (3)
Annual, occ. perennial. Herb. Ht up to 0.35 m. Alt 365–1830 m. WC
- cleistantha** (R.A.Dyer) Marais = **S. zeyheri** subsp. **cleistantha**
- compacta** A.W.Hill
Annual. Herb. Ht 0.04–0.15 m. Alt up to 1830 m. FS, NC, EC
- confertiflora** Schinz = **S. sedoides** var. **confertiflora**
- conrathii** Schinz = **S. pentandra** var. **burchellii**
- conspicua** Hill = **S. procumbens**
- debilis** (Welw.) Schinz
Belmontia debilis (Welw.) Schinz (3)
Exochaenium debile Welw. (3)
Annual. Herb. Ht up to 0.05 m. Alt? N
- dregei** Schinz = **S. stricta**
- elongata** E.Mey.
Annual, occ. perennial. Herb. Ht 0.4–0.71 m. Alt 15–975 m. WC, EC
- erosa** Schinz
S. pygmaea Schinz (3)
Annual, occ. perennial. Herb. Ht 0.05–0.16 m. Alt up to 2450 m. LIM, M, FS, KZN, L
- exacoides** (L.) Schinz
Belmontia cordata (L.f.) E.Mey. (3)
Annual. Herb. Ht 0.05–0.3 m. Alt 30–915 m. NC, WC
- exigua** (Oliv.) Schinz
Annual. Herb. Ht 0.06–0.21 m. Alt up to 1885 m. N, NW, G, M, FS, L, NC
- fastigiata** Hill = **S. macrophylla**
- filiformis** Schinz
Annual. Herb. Ht 0.03–0.16 m. Alt 15–2315 m. LIM, NW, G, M, S, FS, KZN, L, EC
- fourcadei** Marais
Annual. Herb. Ht up to 0.25 m. Alt? WC, EC
- gilgii** Schinz = **S. schlechteri**
- glauca** Hill = **S. aurea**
- grandiflora** Schinz = **S. longicaulis**
- grandis** (E.Mey.) Steud.
Belmontia grandis E.Mey. (3)
Exochaenium grande (E.Mey.) Griseb. (3)
Annual. Herb. Ht 0.02–0.36 m. Alt 30–2200 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC
- grisebachiana** Schinz
S. macrostigma Gilg (3)
S. schizostigma Gilg (3)
Annual. Herb. Ht 0.05–0.15 m. Alt 155–1830 m. WC, EC
- hymenosepala** Gilg
Perennial. Herb. Ht up to 0.5 m. Alt 60–2700 m. EC
- hymenosepala** in sense of Schinz, not of Gilg var. **grandiflora** Hill, misapplied name = **S. macrophylla**
- imbricata** Hill = **S. natalensis**
- intermedia** (Cham. & Schltl.) Schinz = **S. micrantha** var. **intermedia**
- jasminiflora** Schinz = **S. thomasii**
- junodii** Schinz
Annual. Herb. Ht 0.04–0.2 m. Alt 610–1920 m. B, LIM, G, M, S, FS, KZN, EC
- laxa** N.E.Br.
Annual. Herb. Ht 0.12–0.25 m. Alt? WC
- leiostyla** Gilg
S. polyantha Gilg (3)
Annual, occ. perennial. Herb. Ht 0.13–1 m. Alt 61–2775 m. LIM, G, M, S, FS, KZN, L, WC, EC
- longicaulis** Schinz
S. acuminata Hill (3)
S. grandiflora Schinz (3)
S. macowanii Gilg ex Schinz (3)
Biennial. Herb. Ht up to 0.6 m. Alt 600–2250 m. M, KZN, L, EC
- macowanii** Gilg ex Schinz = **S. longicaulis**
- macrantha** Gilg = **S. rehmannii**
- macrophylla** Gilg
S. brehmeri Schinz (3)
S. fastigiata Hill (3)
S. hymenosepala in sense of Schinz, not of Gilg var. **grandiflora** Hill, misapplied name (3)
S. multiflora Schinz (3)
S. schinziana Gilg (3)
Perennial. Herb. Ht 0.1–0.75 m. Alt 300–2895 m. M, FS, KZN, L, WC, EC
- macrostigma** Gilg = **S. grisebachiana**
- marlothii** Gilg
Perennial. Herb. Ht up to 0.03 m. Alt 3225–3500 m. KZN, L
- membranacea** A.W.Hill
Annual. Herb. Ht up to 0.15 m. Alt up to 915 m. NC, WC
- micrantha** (Cham. & Schltl.) Schinz var. **intermedia** (Cham. & Schltl.) Marais
Belmontia cordata (L.f.) Roem. & Schult. var. **intermedia** (Cham. & Schltl.) Griseb. (3)
S. intermedia (Cham. & Schltl.) Schinz (3)
Annual. Herb. Ht 0.03–0.2 m. Alt up to 75 m. WC, EC
- micrantha** (Cham. & Schltl.) Schinz var. **micrantha**
Belmontia cordata (L.f.) Roem. & Schult. var. **micrantha** (Cham. & Schltl.) Griseb. (3)
Annual. Herb. Ht 0.03–0.2 m. Alt 200–1100 m. WC
- minutiflora** Schinz
Annual. Herb. Ht 0.05–0.2 m. Alt 30–90 m. WC, EC
- minutissima** Hilliard & B.L.Burt
Annual. Herb. Ht 0.1–0.35 m. Alt 2200–2600 m. FS, KZN, L, EC

multiflora Schinz = **S. macrophylla**

natalensis Schinz

- S. imbricata* Hill (3)
S. rudolfii Schinz (3)
S. vitellina Schinz (3)

Biennial. Herb. Ht 0.05–0.25 m. Alt 30–2900 m. M, S, FS, KZN, L, EC

ochroleuca Wolley-Dod = **S. schlechteri**

paludosa Levyns = **S. aurea**

pentandra E.Mey. var. **burchellii** (Gilg) Marais

- S. burchellii* Gilg (3)
S. conrathii Schinz (3)

Annual. Herb. Ht 0.03–0.3 m. Alt up to 1405 m. N, B, NW, G, FS, NC

pentandra E.Mey. var. **pentandra**

- S. primulina* Hill (3)

Annual. Herb. Ht 0.07–0.5 m. Alt 100–3050 m. N, B, NW, G, FS, KZN, NC, WC, EC

pleurostigmata Hilliard & B.L.Burt

Perennial. Herb. Ht up to 0.07 m. Alt up to 2438 m. KZN

polyantha Gilg = **S. leiostyla**

primulina Hill = **S. pentandra** var. **pentandra**

procumbens A.W.Hill

- S. conspicua* Hill (3)
S. rotundifolia Hill (3)

Perennial. Herb. Ht 0.08–0.22 m. Alt 728–3050 m. FS, KZN, L, EC

pusilla Eckl. ex Cham.

- S. pusilla* Eckl. ex Cham. var. *major* Hill (3)

Annual. Herb. Ht 0.02–0.1 m. Alt 18–1145 m. NC, WC

pusilla Eckl. ex Cham. var. *major* Hill = **S. pusilla**

pygmaea Schinz = **S. erosa**

radiata Hilliard & B.L.Burt

Perennial. Herb. Ht up to 0.2 m. Alt up to 2179 m. KZN

ramosissima Gilg

Annual. Herb. Ht up to 0.25 m. Alt 105–2075 m. EC

rara Wolley-Dod

Annual. Herb. Ht up to 0.06 m. Alt up to 90 m. WC

rehmannii Schinz

- S. macrantha* Gilg (3)

Annual, occ. perennial. Herb. Ht 0.15–0.65 m. Alt up to 2620 m. LIM, M, S, FS, KZN, L, EC

repens Schinz

Perennial. Herb. Ht 0.03–0.06 m. Alt up to 2900 m. LIM, M, KZN, L, EC

rotundifolia Hill = **S. procumbens**

rudolfii Schinz = **S. natalensis**

saccata Schinz = **S. bojeri**

scabra Schinz

Annual. Herb. Ht 0.06–0.2 m. Alt 45–1650 m. NC, WC

schinziana Gilg = **S. macrophylla**

schizostigma Gilg = **S. grisebachiana**

schlechteri Schinz

- S. gilgii* Schinz (3)
S. ochroleuca Wolley-Dod (3)

Annual. Herb. Ht 0.04–0.12 m. Alt 14–915 m. WC

schoenlandii Schinz = **S. sedoides** var. **schoenlandii**

sclerosepala Gilg ex Schinz = **S. capitata** var. **sclerosepala**

sedoides Gilg in part = **S. sedoides** var. **schoenlandii**

sedoides Gilg in part = **S. sedoides** var. **sedoides**

sedoides Gilg var. **confertiflora** (Schinz) Marais

- S. confertiflora* Schinz (3)

Annual. Herb. Ht 0.15–0.65 m. Alt 460–2440 m. LIM, M, S, FS, KZN, L, EC

sedoides Gilg var. **schoenlandii** (Schinz) Marais

- S. schoenlandii* Schinz (3)
S. sedoides Gilg in part (3)

Annual. Herb. Ht 0.2–0.65 m. Alt 25–2135 m. M, S, FS, KZN

sedoides Gilg var. **sedoides**

- S. sedoides* Gilg in part (3)

Annual. Herb. Ht 0.15–0.5 m. Alt 15–2600 m. LIM, M, S, FS, KZN, L

spathulata (E.Mey.) Steud.

- Belmontia flanaganii* Schinz (3)
Belmontia spathulata E.Mey. (3)

Annual, occ. perennial. Herb. Ht 0.15–0.3 m. Alt up to 3355 m. FS, KZN, L, EC

stricta (E.Mey.) Gilg

- S. dregei* Schinz (3)

Perennial. Herb. Ht 0.3–0.6 m. Alt 488–490 m. WC, EC

sulphurea Cham. & Schldl.

Annual. Herb. Ht 0.02–0.15 m. Alt 30–1067 m. WC

thodeana Gilg

Perennial. Herb. Ht up to 0.15 m. Alt up to 3475 m. KZN, L, EC

thomasii (S.Moore) Schinz

- Exochaenium thomasii* (S.Moore) Schinz (3)
S. jasmijniflora Schinz (3)

Perennial. Herb. Ht up to 0.3 m. Alt up to 2895 m. FS, KZN, L, EC

thomasii (S.Moore) Schinz × **S. spathulata** (E.Mey.) Steud.

Perennial. Herb. Ht up to 0.3 m. Alt up to 2250 m. KZN

vitellina Schinz = **S. natalensis**

zeyheri Schinz subsp. **acutiloba** (Schinz) Marais

- S. acutiloba* Schinz (3)

Annual. Herb. Ht 0.05–0.25 m. Alt 155–670 m. WC, EC

zeyheri Schinz subsp. **cleistantha** (R.A.Dyer) Marais

- S. cleistantha* (R.A.Dyer) Marais (3)

Annual. Herb. Ht 0.05–0.25 m. Alt up to 610 m. EC

zeyheri Schinz subsp. **zeyheri**

Annual. Herb. Ht 0.05–0.25 m. Alt up to 91 m. WC

SWERTIA L.

6512000

- (1) Engler. 1891. *Abhandlungen der Preussischen Akademie der Wissenschaften*: 337–340.
- (2) Marais & Verdoorn. 1963. *FSA* 26: 240, 241.
- (3) Paiva & Nogueira. 1990. *FZ* 7: 28.
- (4) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 355, 356.

welwitschii Engl.

Annual, occ. perennial. Herb. Ht 0.18–0.8 m. Alt 915–2135 m. LIM, M, S, KZN, L

GERANIACEAE

Compiled by T. Nkonki, L.L. Dreyer, H.F. Glen & K. Maserumule

ERODIUM L'Hér.

3927000

- (1) Knuth. 1912. *Das Pflanzenreich* 4, 129 (Heft 53): 221–290.
 (2) El-Oqlah. 1989. *Feddes Repertorium* 100: 97–118.
 (3) Venter & Verhoeven. 1990. *South African Journal of Botany* 56: 79–82.
 (4) Vorster. 2000. In Goldblatt & Manning, *Strelitzia* 9: 516–528.

botrys (Cav.) Bertol.*Geranium botrys* Cav. (1)

Annual. Herb. Ht 0.3–0.6 m. Alt 183–640 m. EC

botrys (Cav.) Bertol. var. **brachycarpum** Godr. = **E. brachycarpum****brachycarpum** (Godr.) Thell.*E. botrys* (Cav.) Bertol. var. *brachycarpum* Godr. (1)

Annual. Herb. Ht up to 0.2 m. Alt 640–999 m. EC

chium (L.) Willd.*Geranium chium* L. (1)

Annual. Herb. Ht 1.2–1.8 m. Alt 45–244 m. EC

***cicutarium** (L.) L'Hér.*E. praecox* Willd. (1)*Geranium cicutarium* L. (1)

Annual. Herb. Ht 0.07–0.5 m. Alt 550–2400 m. FS, L, WC, EC

incarnatum L'Hér. = **Pelargonium incarnatum****malacoides** (L.) L'Hér.*Geranium malacoides* L. (1)

Annual, occ. perennial. Herb. Ht up to 0.5 m. Alt 15–1280 m. WC

moschatum (L.) L'Hér.*Geranium moschatum* L. (1)

Annual, occ. perennial. Herb. Ht 0.05–0.7 m. Alt 20–900 m. WC

praecox Willd. = **E. cicutarium****GERANIUM** L.

3924000

- (1) Hilliard & Burtt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42: 171–225.
 (2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 105, 106.
 (3) Yeo. 1997. *European garden flora* 5: 26–50.

alticola Schltr. ex R.Knuth = **G. sparsiflorum****amatolicum** Hilliard & B.L.Burtt

Perennial. Herb. Ht 0.2–0.75 m. Alt 610–1647 m. EC

angustipetalum Hilliard & B.L.Burtt

Perennial. Herb. Ht 0.1–0.45 m. Alt? KZN

arabicum Forssk. subsp. **arabicum**

Perennial. Herb. Ht? Alt up to 2345 m. EC

aurianum R.Knuth

Perennial. Herb. Ht 0.1–0.6 m. Alt 152–1768 m. KZN, EC

botrys Cav. = **Erodium botrys****brycei** N.E.Br.*G. thodei* R.Knuth (1)

Perennial. Dwarf shrub, herb. Ht 0.3–1.5 m. Alt 2250–3202 m. FS, KZN, L, EC

bubonifolium Andrews = **Pelargonium bubonifolium****caffrum** Eckl. & Zeyh.

Perennial. Herb. Ht 0.4–0.6 m. Alt 305–1680 m. KZN, NC, WC, EC

canescens L'Hér.*G. glandulosum* Eckl. & Zeyh. (1)

Perennial. Herb, scrambler. Ht up to 0.4 m. Alt 338–2100 m. WC

chium L. = **Erodium chium****cicutarium** L. = **Erodium cicutarium****contortum** Eckl. & Zeyh.

Perennial. Herb, scrambler. Ht up to 0.3 m. Alt 610–1769 m. EC

discolor Hilliard & B.L.Burtt

Perennial. Herb, scrambler. Ht up to 0.6 m. Alt 610–1450 m. EC

***dissectum** L.

Annual. Herb. Ht 0.1–0.6 m. Alt? EC

drakensbergensis Hilliard & B.L.Burtt

Perennial. Herb. Ht? Alt 1220–2745 m. KZN

dregei Hilliard & B.L.Burtt

Perennial. Herb. Ht 0.9–1.2 m. Alt up to 1676 m. FS, EC

emarginatum L.f. = **Monsonia emarginata****flanaganii** R.Knuth

Perennial. Herb. Ht 0.2–1.8 m. Alt 3–1525 m. S, KZN, EC

glandulosum Eckl. & Zeyh. = **G. canescens****grandistipulatum** Hilliard & B.L.Burtt

Perennial. Herb. Ht up to 0.5 m. Alt up to 2060 m. EC

harveyi Briq.*G. sericeum* Harv. (1)

Perennial. Herb. Ht up to 0.14 m. Alt 1220–2196 m. NC, WC, EC

heterophyllum Thunb. = **Pelargonium violiflorum****incanum** Burm.f. subsp. **nyassense** (R.Knuth) J.R.Laundon = **G. nyassense****incanum** Burm.f. var. β = **G. incanum** var. **multifidum****incanum** Burm.f. var. **glabrius** R.Knuth = **G. multisectum****incanum** Burm.f. var. **grandicalyculatum** R.Knuth = **G. multisectum****incanum** Burm.f. var. **incanum**

Perennial. Herb. Ht 0.2–1 m. Alt 10–610 m. WC, EC

incanum Burm.f. var. **multifidum** (Sweet) Hilliard & B.L.Burtt*G. incanum* Burm.f. var. β (1)*G. multifidum* Sweet (1)

Perennial. Herb. Ht 0.2–1 m. Alt 5–2050 m. WC, EC

incanum Burm.f. var. **pottiae** Burtt Davy = **G. robustum****incanum** Burm.f. var. **purpureum** Burtt Davy = **G. multisectum****knysnaense** R.Knuth = **G. ornithopodum****lanuginosum** R.Knuth = **G. pulchrum****magniflorum** R.Knuth

Perennial. Herb. Ht? Alt 2196–3477 m. FS, KZN, L, EC

malacoides L. = **Erodium malacoides**

***molle** L.

Annual. Herb. Ht 0.05–0.45 m. Alt 30–1769 m. WC

moschatum L. = **Erodium moschatum**

multifidum Sweet = **G. incanum** var. **multifidum**

multisectum N.E.Br.

G. incanum Burm.f. var. *glabrius* R.Knuth (1)

G. incanum Burm.f. var. *grandicalyculatum* R.Knuth (1)

G. incanum Burm.f. var. *purpureum* Burt Davy (1)

Perennial. Herb. Ht 0.1–2.8 m. Alt 1433–2440 m. M, FS, KZN, L, EC

natalense Hilliard & B.L.Burt

Perennial. Herb. Ht? Alt 1311–1677 m. KZN, EC

nyassense R.Knuth

G. incanum Burm.f. subsp. *nyassense* (R.Knuth) J.R.Laundon (1)

Perennial. Herb. Ht? Alt up to 1385 m. EC

ornithopodioides Hilliard & B.L.Burt

Perennial. Herb. Ht 0.6–0.9 m. Alt up to 1981 m. KZN

ornithopodon Eckl. & Zeyh.

G. knysnaense R.Knuth (1)

Perennial. Herb. Ht 0.1–0.9 m. Alt 122–1830 m. WC, EC

ornithopodon Eckl. & Zeyh. var. *album* Kuntze = **G. wakkerstroomianum**

ornithopodon Eckl. & Zeyh. var. *lilacinum* Kuntze = **G. schlechteri**

pulchrum N.E.Br.

G. lanuginosum R.Knuth (1)

Perennial. Dwarf shrub. Ht 0.3–1.2 m. Alt up to 1921 m. KZN, EC

***purpureum** Vill.

Annual. Herb. Ht 0.1–0.6 m. Alt 4–62 m. WC, EC

robustum Kuntze

G. incanum Burm.f. var. *pottiae* Burt Davy (1)

Perennial. Dwarf shrub. Ht 0.2–1.8 m. Alt 1525–2592 m. M, FS, KZN, L, EC

***rotundifolium** L.

Annual. Herb. Ht 0.1–0.5 m. Alt? WC, EC

schlechteri R.Knuth

G. ornithopodon Eckl. & Zeyh. var. *lilacinum* Kuntze (1)

Perennial. Herb, scrambler. Ht? Alt 1372–2623 m. M, FS, KZN, L, EC

sericeum Harv. = **G. harveyi**

sparsiflorum R.Knuth

G. alticola Schltr. ex R.Knuth (1)

Perennial. Herb, scrambler. Ht? Alt 1220–2300 m. EC

subglabrum Hilliard & B.L.Burt

Perennial. Herb, scrambler. Ht up to 0.2 m. Alt 10–1372 m. EC

thodei R.Knuth = **G. brycei**

wakkerstroomianum R.Knuth

G. ornithopodon Eckl. & Zeyh. var. *album* Kuntze (1)

Perennial. Herb. Ht 0.1–0.9 m. Alt 1220–2592 m. M, S, FS, KZN, L, EC

MONSONIA L.

3925000

(1) Bolus. 1930. *The Flowering Plants of South Africa* 10: t. 399.

(2) Dyer. 1958. *The Flowering Plants of Africa* 32: t. 1278.

(3) Venter. 1979. *Mededelingen Landbouwhogeschool Wageningen* 79-9: 1–128.

(4) Vorster. 2000. In Goldblatt & Manning, *Strelitzia* 9: 516–528.

alexandraensis R.Knuth = **M. grandifolia**

angustifolia E.Mey. ex A.Rich.

Annual. Herb. Ht 0.03–0.5 m. Alt 823–2336 m. N, B, LIM, G, M, S, FS, KZN, L, EC

attenuata Harv.

M. belfastensis R.Knuth (3)

Perennial. Herb. Ht 0.1–0.5 m. Alt 1525–2257 m. M, S, FS, KZN

belfastensis R.Knuth = **M. attenuata**

betschuanica R.Knuth = **M. burkeana**

biflora DC. = **M. burkeana**

brevirostrata R.Knuth

Annual. Geophyte, scrambler. Ht 0.04–0.3 m. Alt 1525–3000 m. M, FS, KZN, L

burkeana Planch. ex Harv.

M. betschuanica R.Knuth (3)

M. biflora DC. (3)

M. glandulosissima Schinz (3)

M. malvaeflora Schinz (3)

Annual. Herb. Ht 0.3–0.4 m. Alt 427–2000 m. N, B, LIM, G, FS, L, EC

depressa Dinter ex Schinz = **M. deserticola**

deserticola Dinter ex R.Knuth

M. depressa Dinter ex Schinz (3)

Annual. Herb. Ht 0.03–0.08 m. Alt? N

drudeana Schinz

Annual. Herb. Ht 0.02–0.08 m. Alt up to 100 m. N

emarginata (L.f.) L'Hér.

Geranium emarginatum L.f. (3)

M. ovata Cav. (3)

Annual, occ. perennial. Herb. Ht 0.1–0.4 m. Alt 6–2135 m. WC, EC

galpinii Schltr. ex R.Knuth

Perennial. Herb. Ht 0.1–0.3 m. Alt? EC

glandulosissima Schinz = **M. burkeana**

glauca R.Knuth

M. ovata Cav. subsp. *glauca* (R.Knuth) Bowden & F.S.Mull. (3)

M. stricta R.Knuth (3)

Perennial. Herb. Ht 0.05–0.45 m. Alt 315–1554 m. N, B, LIM, NW, L, EC

grandifolia R.Knuth

M. alexandraensis R.Knuth (3)

M. lanceolata (Schinz) R.Knuth (3)

M. rudatisii R.Knuth (3)

Perennial. Herb. Ht 0.1–0.4 m. Alt 1509–1677 m. KZN, EC

ignorata Merxm. & A.Schreib.

Perennial. Herb. Ht 0.04–0.3 m. Alt up to 450 m. N

l'heritieri DC. = **Sarcocaulon l'heritieri**

lanceolata (Schinz) R.Knuth = **M. grandifolia**

lanuginosa R.Knuth

Annual. Herb. Ht 0.2–0.3 m. Alt 1750–2120 m. M

luederitziana Focke & Schinz

M. namaensis Dinter (3)

Annual. Herb. Ht 0.1–0.5 m. Alt 190–1280 m. N, NC

malvaeflora Schinz = **M. burkeana**

multifida E.Mey. = **Sarcocaulon multifidum**

namaensis Dinter = **M. luederitziana**

natalensis R.Knuth

Annual. Herb. Ht 0.1–0.4 m. Alt 91–500 m. KZN

- obcordata* E.Mey. = **Sarcocaulon l'heritieri**
ovata Cav. = **M. emarginata**
ovata Cav. subsp. *glauca* (R.Knuth) Bowden & F.S.Mull. = **M. glauca**
parvifolia Schinz
M. senegalensis Guill. & Perr. var. *hirsutissima* Harv. (3)
 Perennial. Herb. Ht 0.02–0.8 m. Alt 290–1006 m. N, NC
praemorsa E.Mey. ex R.Knuth
M. senecioides R.Knuth (3)
 Perennial. Herb. Ht 0.1–0.3 m. Alt 3–427 m. KZN
rehmii Suess. = **M. umbellata**
rudatisii R.Knuth = **M. grandifolia**
senecioides R.Knuth = **M. praemorsa**
senegalensis Guill. & Perr.
 Perennial. Herb. Ht 0.05–0.3 m. Alt 500–1485 m. N, B, LIM
senegalensis Guill. & Perr. var. *hirsutissima* Harv. = **M. parvifolia**
speciosa L.
 Perennial. Herb. Ht 0.1–0.3 m. Alt 36–305 m. WC
spinosa L'Hér. = **Sarcocaulon l'heritieri**
stricta R.Knuth = **M. glauca**
transvaalensis R.Knuth
 Perennial. Herb. Ht 0.1–0.5 m. Alt 1525–2300 m. M
trilobata Kers
 Annual. Herb. Ht 0.07–0.3 m. Alt? N
umbellata Harv.
M. rehmii Suess. (3)
 Perennial. Herb. Ht 0.1–0.6 m. Alt 490–1250 m. N, NC

PELARGONIUM L'Hér. 3928000

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- (2) Knuth. 1912. *Das Pflanzenreich* 4, 129 (Heft 53): 316–545.
- (3) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 52.
- (4) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 146.
- (5) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 335.
- (6) Leighton. 1933. *The Flowering Plants of South Africa* 13: t. 512.
- (7) Phillips. 1937. *The Flowering Plants of South Africa* 17: t. 671.
- (8) Dyer. 1940. *The Flowering Plants of South Africa* 20: tt. 780, 794, 795.
- (9) Dyer. 1945. *The Flowering Plants of Africa* 25: tt. 971, 981.
- (10) Van Druten. 1952. *The Flowering Plants of Africa* 29: t. 1134.
- (11) Dyer. 1953. *The Flowering Plants of Africa* 29: t. 1145.
- (12) Leighton. 1959. *The Flowering Plants of Africa* 33: t. 1282.
- (13) Müller. 1963. *Flora zambesiaca* 2: 140–149.
- (14) Dyer. 1966. *The Flowering Plants of Africa* 37: t. 1475.
- (15) Merxmüller. 1966. *FSWA* 64: 5–13.
- (16) Vorster. 1973. *The Flowering Plants of Africa* 42: t. 1669.
- (17) Van der Walt & Vorster. 1977. *Pelargoniums of southern Africa* 1.
- (18) Van der Walt. 1978. *The Flowering Plants of Africa* 45: t. 1773.
- (19) Dyer. 1979. *The Flowering Plants of Africa* 45: t. 1800.
- (20) Van der Walt & Vorster. 1980. *Journal of South African Botany* 46: 279–281, 283–292.
- (21) Marais *et al.* 1981. *Journal of South African Botany* 47: 573–576.
- (22) Van der Walt & Vorster. 1981. *Bothalia* 13: 431–433.
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- (25) Van der Walt. 1985. *Bothalia* 15: 345–385.
- (26) Van der Walt & Boucher. 1986. *South African Journal of Botany* 52: 438–462.
- (27) Vorster. 1986. *The Flowering Plants of Africa* 49: tt. 1923, 1924.
- (28) Vorster. 1986. *South African Journal of Botany* 52: 184–186, 268, 383, 384, 481–484.
- (29) Nordenstam. 1987. *Plant Systematics and Evolution* 155: 333–337.
- (30) Vorster. 1987. *The Flowering Plants of Africa* 49: t. 1947.

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- (32) Van der Walt & Van Zyl. 1988. *South African Journal of Botany* 54: 145–171.
- (33) Van der Walt & Vorster. 1988. *Pelargoniums of southern Africa* 3.
- (34) Marais. 1989. *The Flowering Plants of Africa* 50: t. 1987.
- (35) Van der Walt *et al.* 1989. *Plant Systematics and Evolution* 171: 15–26.
- (36) Barker. 1990. *The Flowering Plants of Africa* 51: t. 2019.
- (37) Dreyer & Van der Walt. 1990. *South African Journal of Botany* 56: 65–67.
- (38) Marais. 1990. *The Flowering Plants of Africa* 51: t. 2018.
- (39) Marais. 1990. *South African Journal of Botany* 56: 565–570.
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- (45) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 106.
- (46) Marais. 1991. *South African Journal of Botany* 57: 55, 56.
- (47) Van Jaarsveld. 1991. *The Flowering Plants of Africa* 51: t. 2035.
- (48) Albers *et al.* 1992. *Plant Systematics and Evolution* 179: 257–276.
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- (51) Marais. 1992. *South African Journal of Botany* 58: 220–223.
- (52) Coetzee & Van der Walt. 1992. *South African Journal of Botany* 58: 77–82.
- (53) Vorster. 1992. *The Flowering Plants of Africa* 52: t. 2060.
- (54) Marais. 1993. *South African Journal of Botany* 59: 123–134.
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- (59) Dreyer *et al.* 1995. *South African Journal of Botany* 61: 325–330.
- (60) Lavranos *et al.* 1995. *Flowering Plants of Africa* 54: t. 2109.
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- (62) Marais. 1995. *Flowering Plants of Africa* 57: t. 2018.
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- abrotanifolium** (L.f.) Jacq.
P. incisum (Andrews) Willd. (20)
 Perennial. Shrub, dwarf shrub. Ht 0.4–1 m. Alt 37–2196 m. FS, WC, EC
acerifolium (Mill.) L'Hér. = **P. cucullatum** subsp. **strigifolium**
acetosum (L.) L'Hér.
 Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 80–300 m. EC
aciculatum E.M.Marais
 Perennial. Geophyte. Ht 0.1–0.3 m. Alt? WC
aconitophyllum (Eckl. & Zeyh.) Steud. = **P. luridum**
acraeum R.A.Dyer
 Perennial. Shrub. Ht 1–2 m. Alt 1200–1970 m. M, S, KZN
aestivale E.M.Marais
 Perennial. Geophyte. Ht 0.1–0.2 m. Alt? WC, EC

affine (Poir.) G.Don = **P. longiflorum**

album J.J.A.van der Walt

Perennial. Dwarf shrub, scrambler. Ht 0.1–0.6 m. Alt up to 900 m. M

alchemillifolium Salisb. = **P. alchemilloides**

alchemilloides (L.) L'Hér.

P. alchemillifolium Salisb. (17)

P. malvaefolium Jacq. (17)

Perennial. Dwarf shrub. Ht 0.2–1.5 m. Alt 3–3000 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

alpinum Eckl. & Zeyh.

P. marlothii R.Knuth (2)

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 1100–2013 m. WC

alternans J.C.Wendl.

Perennial. Dwarf shrub, succulent. Ht 0.1–0.4 m. Alt 153–1830 m. WC

althaeoides (L.) L'Hér.

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 610–2250 m. FS, L, EC

amabile Dinter = **P. sibthorpiifolium**

amatymbicum (Eckl. & Zeyh.) Harv. = **P. schizopetalum**

andrewsii (Sweet) G.Don = **P. longifolium**

anethifolium (Eckl. & Zeyh.) Steud.

Perennial. Geophyte. Ht 0.1–0.5 m. Alt 640–826 m. WC

angulosum (Mill.) L'Hér. = **P. cucullatum** subsp. **cucullatum**

angustifolium (Thunb.) DC. = **P. longiflorum**

angustipetalum E.M.Marais

Perennial. Shrub. Ht 0.1–1.2 m. Alt? NC

angustissimum E.Mey. = **P. coronopifolium**

antidysentericum (Eckl. & Zeyh.) Kostel. subsp. **antidysentericum**

Perennial. Shrub. Ht 0.5–1.5 m. Alt 610–915 m. N, NC, WC

antidysentericum (Eckl. & Zeyh.) Kostel. subsp. **inermis** Scheltema

Perennial. Shrub. Ht 0.5–1.5 m. Alt? N, NC, WC

antidysentericum (Eckl. & Zeyh.) Kostel. subsp. **zonale** Scheltema

Perennial. Shrub. Ht 0.5–1.5 m. Alt? N, NC, WC

apiifolium (Andrews) Loudon = **P. petronelinifolium**

appendiculatum (L.f.) Willd.

Perennial. Geophyte. Ht 0.15–0.3 m. Alt up to 167 m. WC

arachnoideum R.Knuth = **P. asarifolium**

aridicola E.M.Marais

Perennial. Geophyte. Ht 0.1–0.3 m. Alt? WC

aridum R.A.Dyer

P. dissectum (Eckl. & Zeyh.) Harv. (33)

Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 519–1830 m. NW, FS, L, EC

aristatum Steud. = **P. aristatum**

aristatum (Sweet) G.Don

P. aristatum Steud. (63)

P. recurvatum (Sweet) G.Don (45)

Perennial. Geophyte. Ht 0.09–0.3 m. Alt? WC

artemisiifolium DC. = **P. divisifolium**

articulatum (Cav.) Willd.

Perennial. Geophyte. Ht 0.05–0.2 m. Alt 300–1525 m. NC, WC

asarifolium (Sweet) Loudon

P. arachnoideum R.Knuth (2)

Perennial. Geophyte. Ht 0.13–0.3 m. Alt up to 300 m. WC

astragalifolium (Cav.) Jacq. = **P. pinnatum**

astragalifolium (Cav.) Jacq. var. *foliolosum* (DC.) Harv. = **P. viciifolium**

astragalifolium (Cav.) Jacq. var. *minor* Harv. = **P. viciifolium**

astragalifolium (in sense of Andrews) Loudon = **P. trifoliolatum**

astragalifolium (in sense of Andrews) Loudon var. *trifoliolatum* (Eckl. & Zeyh.) Harv. = **P. trifoliolatum**

atrum L'Hér. = **P. auritum** var. **auritum**

attenuatum Harv.

Perennial. Geophyte. Ht 0.2–0.3 m. Alt? WC

auriculatum Willd. = **P. longifolium**

auritum (L.) Willd. = **P. auritum** var. **auritum**

auritum (L.) Willd. subsp. *auritum* J.J.A.van der Walt & Vorster = **P. auritum** var. **auritum**

auritum (L.) Willd. subsp. *carneum* (Harv.) J.J.A.van der Walt = **P. auritum** var. **carneum**

auritum (L.) Willd. var. **auritum**

P. atrum L'Hér. (55)

P. auritum (L.) Willd. (55)

P. auritum (L.) Willd. subsp. *auritum* J.J.A.van der Walt & Vorster (55)

P. dioicum Aiton (55)

P. hirsutum (Burm.f.) Aiton (55)

P. hirsutum (Burm.f.) Aiton var. *melananthum* (Jacq.) Harv. (55)

P. melananthum Jacq. (55)

P. undulaeflorum (Sweet) G.Don (55)

Perennial. Geophyte. Ht 0.05–0.25 m. Alt 61–999 m. WC, EC

auritum (L.) Willd. var. **carneum** (Harv.) E.M.Marais

P. auritum (L.) Willd. subsp. *carneum* (Harv.) J.J.A.van der Walt (55)

P. ensatum (Thunb.) DC. (55)

P. hirsutum (Burm.f.) Sol. var. *carneum* Harv. (20)

P. ovalifolium (Sweet) DC. (55)

P. reticulatum (Sweet) DC. (55)

P. strigosum (Eckl. & Zeyh.) Steud. (55)

Perennial. Geophyte Ht 0.05–0.25 m. Alt? EC

barbatum Jacq. = **P. proliferum**

barklyi Scott-Elliot

Perennial. Geophyte. Ht 0.2–0.5 m. Alt 610–1950 m. NC

bechuanicum Burtt Davy = **P. dolomiticum**

bechuanicum Burtt Davy var. *latisectum* Burtt Davy = **P. dolomiticum**

betulinum (L.) L'Hér.

P. georgense R.Knuth (25)

Perennial. Shrub, dwarf shrub, Ht 0.3–1.3 m. Alt 15–259 m. WC

bicolor (Jacq.) L'Hér.

Perennial. Geophyte. Ht? Alt? WC

bifolium (Burm.f.) Willd.

Perennial. Geophyte. Ht? Alt? WC

bijugum (Eckl. & Zeyh.) Steud. = **P. chelidonium**

bipinnatifidum (Eckl. & Zeyh.) Steud. = **P. longifolium**

- bowkeri** Harv.
Perennial. Geophyte. Ht 0.2–0.4 m. Alt 458–2200 m.
M, S, FS, KZN, EC
- brevipetalum** N.E.Br.
Perennial. Geophyte. Ht? Alt? WC
- brevirostre** R.A.Dyer
Annual. Herb, scrambler. Ht? Alt 1067–1891 m. WC
- bubonifolium** (Andrews) Pers.
Geranium bubonifolium Andrews (69)
P. congestum (Sweet) G.Don (69)
P. namaquense R.Knuth (69)
Perennial. Geophyte. Ht 0.01–0.2 m. Alt? N, NC
- burgerianum** J.J.A.van der Walt
Perennial. Shrub. Ht? Alt? WC
- burtoniae** L.Bolus
Perennial. Geophyte. Ht? Alt? WC
- caespitosum** Turcz. subsp. **caespitosum**
Perennial. Dwarf shrub. Ht 0.05–0.15 m. Alt 838–1220 m. WC
- caespitosum** Turcz. subsp. **concauum** Hugo
Perennial. Dwarf shrub. Ht 0.05–0.15 m. Alt 335–915 m. WC
- caffrum** (Eckl. & Zeyh.) Harv.
Perennial. Geophyte. Ht 0.05–0.5 m. Alt 183–1678 m.
WC, EC
- caledonicum** L.Bolus
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? WC
- calviniae** R.Knuth
Perennial. Geophyte. Ht? Alt? WC
- campestre** (Eckl. & Zeyh.) Steud.
Perennial. Geophyte. Ht 0.06–0.14 m. Alt? EC
- canariense** Willd. = **P. candicans**
- candicans** Spreng.
P. canariense Willd. (23)
Perennial. Dwarf shrub, scrambler. Ht 0.1–0.3 m. Alt 60–700 m. WC, EC
- capillare** (Cav.) Willd.
P. leptopodium Bolus (23)
P. mahernium L'Hér. ex DC. (23)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 457–1600 m. WC
- capitatum** (L.) L'Hér.
Perennial. Shrub, dwarf shrub. Ht 0.25–1 m. Alt 1–1300 m. KZN, WC, EC
- capituliforme** R.Knuth
Annual, occ. perennial. Herb. Ht 0.1–0.3 m. Alt 1800–2592 m. KZN, L, EC
- cardiophyllum** Harv. = **P. setulosum**
- carinatum** J.C.Wendl. = **P. rapaceum**
- carneum** Jacq.
P. maximiliani Schltr. (55)
Perennial. Geophyte. Ht 0.1–0.4 m. Alt 854–1068 m.
WC, EC
- carnosum** (L.) L'Hér.
P. eberlanzii R.Knuth (21)
P. ferulaceum (Burm.f.) Willd. (17)
Perennial. Shrub, succulent. Ht 0.3–1.3 m. Alt 610–976 m. N, NC, WC, EC
- caroli-henrici** B.Nord.
Perennial. Geophyte. Ht 0.11–0.25 m. Alt? WC
- caucalidifolium** Schltr. = **P. crassipes**
- caucalifolium** Jacq. subsp. **caucalifolium**
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 15–1830 m. WC, EC
- caucalifolium** Jacq. subsp. **convolvulifolium** (Schltr. ex R.Knuth) J.J.A.van der Walt
P. convolvulifolium Schltr. ex R.Knuth (26)
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 30–488 m. WC
- cavanillesii** Knuth = **P. heterophyllum**
- centauroides** DC. = **P. incrassatum**
- ceratophyllum** L'Hér.
P. hospitans Dinter (23)
Perennial. Dwarf shrub, succulent. Ht 0.1–0.2 m. Alt? N, NC
- chamaedryfolium** Jacq.
Annual, occ. perennial. Herb or scrambler. Ht 0.05–0.1 m. Alt 50–960 m. WC
- chelidonium** (Houtt.) DC.
P. bijugum (Eckl. & Zeyh.) Steud. (62)
P. ficaria Willd. (62)
P. meyeri Harv. (62)
P. revolutum (Andrews) Pers. (62)
P. trilobum (Thunb.) DC. (62)
Perennial. Geophyte. Ht 0.01–0.2 m. Alt 61–122 m.
WC
- ciliatum** (Cav.) Pers. = **P. proliferum**
- ciliatum** Jacq. = **P. longifolium**
- ciliatum** L'Hér. = **P. heterophyllum**
- citronellum** J.J.A.van der Walt
Perennial. Shrub. Ht 0.5–2 m. Alt 390–570 m. WC
- columbinum** Jacq.
Annual, occ. perennial. Herb. Ht 0.05–0.1 m. Alt 27–2400 m. WC
- concauifolium** Pers. = **P. radicans**
- condensatum** Pers. = **P. incrassatum**
- confertum** E.M.Marais
Perennial. Geophyte. Ht 0.1–0.3 m. Alt? NC
- congestum** (Sweet) G.Don = **P. bubonifolium**
- connivens** E.M.Marais
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? WC
- conspicuum** (Sweet) G.Don = **P. grenvilleae**
- convolvulifolium** Schltr. ex R.Knuth = **P. caucalifolium** subsp. **convolvulifolium**
- cordatum** L'Hér. = **P. cordifolium**
- cordatum** L'Hér. var. **lanatum** (Thunb.) Harv. = **P. cordifolium**
- cordatum** L'Hér. var. **rubrocinctum** (Link) Harv. = **P. cordifolium**
- cordifolium** (Cav.) Curtis
P. cordatum L'Hér. (25)
P. cordatum L'Hér. var. **lanatum** (Thunb.) Harv. (25)
P. cordatum L'Hér. var. **rubrocinctum** (Link) Harv. (25)
Perennial. Shrub. Ht 1–1.5 m. Alt 91–1220 m. WC, EC
- coronopifolium** Jacq.
P. angustissimum E.Mey. (32)
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 425–1311 m. WC

cortusifolium L'Hér.*P. monsoniaefolium* Dinter ex R.Knuth (15)

Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt 30–610 m. N

corydaliflorum (Sweet) DC. = **P. rapaceum****cradockense** (Kuntze) R.Knuth = **P. dichondrifolium****crassicaule** L'Hér.*P. mirabile* Dinter (23)

Perennial. Dwarf shrub, succulent. Ht 0.1–0.2 m. Alt up to 61 m. N, NC

crassipes Harv.*P. caucalidifolium* Schltr. (17)

Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt up to 183 m. NC, WC

crinitum Harv. = **P. radiatum****crispum** (P.J.Bergius) L'Hér.

Perennial. Shrub, dwarf shrub. Ht 0.2–0.75 m. Alt 90–1662 m. WC

crithmifolium Sm.

Perennial. Dwarf shrub, succulent. Ht 0.2–0.5 m. Alt 40–920 m. N, NC, WC

cucullatum (L.) L'Hér. in part = **P. cucullatum** subsp. **tabulare****cucullatum** (L.) L'Hér. subsp. **cucullatum***P. angulosum* (Mill.) L'Hér. (25)

Perennial. Shrub. Ht 1–2 m. Alt 6–427 m. WC

cucullatum (L.) L'Hér. subsp. **strigifolium** Volschenk*P. acerifolium* (Mill.) L'Hér. (25)

Perennial. Shrub. Ht 0.4–0.75 m. Alt 50–762 m. WC

cucullatum (L.) L'Hér. subsp. **tabulare** Volschenk*P. cucullatum* (L.) L'Hér. in part (25)

Perennial. Shrub. Ht 1–2 m. Alt 152–915 m. WC

cucullatum (L.) L'Hér. × **P. betulinum** (L.) L'Hér.

Perennial. Shrub. Ht 0.3–1 m. Alt? WC

curviandrum E.M.Marais

Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt? WC

damarense R.Knuth = **P. otaviense****dasyphyllum** E.Mey. ex R.Knuth

Perennial. Dwarf shrub, succulent. Ht 0.2–0.3 m. Alt 190–824 m. NC

denticulatum Jacq.

Perennial. Shrub. Ht 1–2 m. Alt 260–1600 m. WC

depressum Jacq. = **P. longiflorum****desertorum** Vorster

Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt up to 1500 m. NC

dichondrifolium DC.*P. cradockense* (Kuntze) R.Knuth (33)*P. middletonianum* R.Knuth (33)

Perennial. Herb. Ht 0.1–0.3 m. Alt 610–1677 m. EC

dioicum Aiton = **P. auritum** var. **auritum****dipetalum** L'Hér.*P. erythrophyllum* (Eckl. & Zeyh.) Steud. (55)*P. l'heritieri* (Sweet) G.Don (55)*P. nivenii* Harv. (55)

Perennial. Geophyte. Ht 0.1–0.35 m. Alt 15–160 m. WC, EC

dispar N.E.Br.

Perennial, occ. annual. Herb, scrambler. Ht 0.1–0.2 m. Alt 1982–2100 m. M, FS, KZN

dissectum (Eckl. & Zeyh.) Harv. = **P. aridum***divaricatum* (Thunb.) DC. = **P. fruticosum***diversifolium* J.C.Wendl. = **P. laevigatum** subsp. **diversifolium****divisifolium** Vorster*P. artemisiifolium* DC. (33)

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 549–1220 m. WC

dolomiticum R.Knuth*P. bechuanicum* Burtt Davy (23)*P. bechuanicum* Burtt Davy var. *latisectum* Burtt Davy (23)*P. juttiae* Dinter (23)

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 1067–2336 m. N, B, NW, G, M, S, FS

eberlanzii Dinter = **P. sibthorpiifolium***eberlanzii* R.Knuth = **P. carnosum****echinatum** Curtis

Perennial. Dwarf shrub, succulent. Ht 0.2–0.6 m. Alt 15–1080 m. NC, WC

elegans (Andrews) Willd.*P. ovale* (Burm.f.) L'Hér. subsp. *ovatum* Harv. (32)

Perennial. Dwarf shrub. Ht 0.1–0.25 m. Alt 15–450 m. WC, EC

ellaphieae E.M.Marais*P. marginatum* R.Knuth (21)

Perennial. Geophyte. Ht 0.1–0.3 m. Alt up to 15 m. WC

elongatum (Cav.) Salisb.

Perennial. Geophyte. Ht 0.1–0.3 m. Alt 30–2160 m. L, EC

englerianum R.Knuth

Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 670–1311 m. WC

ensatum (Thunb.) DC. = **P. auritum** var. **carneum***erectum* R.Knuth = **P. glutinosum***erythrophyllum* (Eckl. & Zeyh.) Steud. = **P. dipetalum****eupatoriifolium** (Eckl. & Zeyh.) Steud.

Perennial. Geophyte. Ht? Alt? WC

exhibens Vorster

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt? EC

exstipulatum (Cav.) L'Hér.

Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 61–610 m. WC

fasciculaceum E.M.Marais

Perennial. Geophyte. Ht 0.3–0.5 m. Alt? NC, WC

fergusoniae L.Bolus

Perennial. Geophyte. Ht 0.12–0.22 m. Alt? WC

ferulaceum (Burm.f.) Willd. = **P. carnosum***ficaria* Willd. = **P. chelidonium***filicaule* R.Knuth = **P. grossularioides****fissifolium** (Andrews) Pers.*P. floribundum* (Andrews) Aiton (45)

Perennial. Geophyte. Ht 0.07–0.14 m. Alt 800–1000 m. WC

flabellifolium Harv. = **P. luridum***flavum* (Burm.f.) L'Hér. = **P. triste***floribundum* (Andrews) Aiton = **P. fissifolium***foliolosum* DC. = **P. viciifolium**

fragile (Andrews) Willd. = **P. trifidum**

frutetorum R.A.Dyer

Perennial. Dwarf shrub. Ht? Alt? EC

fruticosum (Cav.) Willd.

P. divaricatum (Thunb.) DC. (23)

Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 10–1622 m. WC, EC

fulgidum (L.) L'Hér.

Perennial. Dwarf shrub, succulent, scrambler. Ht 0.4–1 m. Alt 15–183 m. NC, WC

fumariifolium R.Knuth

Perennial. Geophyte. Ht? Alt? N, NC, WC

fumarioides L'Hér. ex Harv. = **P. minimum**

georgense R.Knuth = **P. betulinum**

gibbosum (L.) L'Hér.

Perennial. Succulent, scrambler. Ht 0.2–0.4 m. Alt 6–1555 m. WC

gilgianum Schltr. ex R.Knuth

Annual. Herb. Ht up to 0.5 m. Alt 305–1830 m. NC

githagineum E.M.Marais

Perennial. Geophyte. Ht 0.1–0.3 m. Alt? WC

glabriphyllum E.M.Marais

Perennial. Geophyte. Ht 0.1–0.2 m. Alt? WC

glaucum (L.f.) L'Hér. = **P. lanceolatum**

glutinosum (Jacq.) L'Hér.

P. erectum R.Knuth (24)

Perennial. Shrub. Ht 0.5–1.8 m. Alt 122–2000 m. WC, EC

gracile (Eckl. & Zeyh.) Steud.

Perennial. Geophyte. Ht? Alt? WC

gracilipes R.Knuth

Perennial. Geophyte. Ht 0.05–0.15 m. Alt? WC

gracillimum Fourc.

Perennial. Geophyte. Ht 0.1–0.3 m. Alt? WC, EC

grandicalcaratum R.Knuth

P. squarrosum Dinter (15)

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 300–1006 m. N, NC, WC

grandiflorum (Andrews) Willd.

Perennial. Dwarf shrub. Ht 0.3–0.75 m. Alt 396–1372 m. WC

graniticum R.Knuth = **P. sibthorpiifolium**

graveolens L'Hér.

P. intermedium R.Knuth (25)

Perennial. Shrub. Ht 0.6–1.3 m. Alt 120–2050 m. LIM, M, EC

grenvilleae (Andrews) Harv.

P. conspicuum (Sweet) G.Don (55)

Perennial. Geophyte. Ht 0.07–0.15 m. Alt? NC

greytonense J.J.A. van der Walt

Perennial. Shrub. Ht 0.5–1 m. Alt 457–915 m. WC

griseum R.Knuth

Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 1769–2287 m. EC

grossularioides (L.) L'Hér.

P. filicaule R.Knuth (13)

Annual occ. perennial. Herb. Ht 0.05–0.2 m. Alt 6–2795 m. FS, KZN, L, WC, EC

hantamianum R.Knuth

Perennial. Geophyte. Ht 0.18–0.19 m. Alt? WC

harveyanum R.Knuth = **P. hypoleucum**

hemicyclicum Hutch. & C.A.Sm.

Perennial. Geophyte. Ht? Alt? WC

heracleifolium Lodd. = **P. radulifolium**

hermanniifolium (P.J.Bergius) Jacq.

Perennial. Shrub. Ht 0.5–1.5 m. Alt 274–1311 m. WC

heterolobum DC. = **P. violiflorum**

heterophyllum (Andrews) Loudon = **P. longifolium**

heterophyllum Jacq.

P. cavanillesii Knuth (55)

P. ciliatum L'Hér. (55)

P. hirtum Willd. (55)

P. longifolium (Burm.f.) Jacq. var. *ciliatum* (L'Hér.) Harv. (55)

P. oxalidifolium (Andrews) Pers. (55)

P. pilosum (Cav.) Steud. (55)

Perennial. Herb. Ht 0.1–0.2 m. Alt 610–1525 m. WC, EC

hirsutum (Burm.f.) Aiton = **P. auritum** var. **auritum**

hirsutum (Burm.f.) Aiton. var. *carneum* Harv. = **P. auritum** var. **carneum**

hirsutum (Burm.f.) Aiton. var. *melananthum* (Jacq.) Harv. = **P. auritum** var. **auritum**

hirsutum Loudon = **P. undulatum**

hirtipetalum E.M.Marais

Perennial. Geophyte. Ht 0.07–0.16 m. Alt? NC, WC

hirtum (Burm.f.) Jacq.

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 137–183 m. WC

hirtum Willd. = **P. heterophyllum**

hispidum (L.f.) Willd.

Perennial. Shrub. Ht 1–2.5 m. Alt 300–1400 m. WC

hollandii F.M.Leight. = **P. pulverulentum**

hospitans Dinter = **P. ceratophyllum**

hypoleucum Turcz.

P. harveyanum R.Knuth (33)

Perennial. Herb, scrambler. Ht 0.1–0.3 m. Alt up to 155 m. WC, EC

hystrix Harv.

Perennial. Dwarf shrub, succulent. Ht 0.1–0.2 m. Alt? WC

incarnatum (L'Hér.) Moench

Erodium incarnatum L'Hér. (41)

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 140–1220 m. WC

incisum (Andrews) Willd. = **P. abrotanifolium**

incrassatum (Andrews) Sims

P. centauroides DC. (55)

P. condensatum Pers. (55)

P. roseum (Andrews) Aiton (55)

Perennial. Geophyte. Ht 1–2 m. Alt 650–1500 m. NC, WC

inquinans (L.) L'Hér.

Perennial. Shrub. Ht 1–2 m. Alt 61–1829 m. M, KZN, EC

intermedium R.Knuth = **P. graveolens**

iocastum (Eckl. & Zeyh.) Steud.

Perennial. Herb, scrambler. Ht 0.05–0.15 m. Alt 180–1373 m. WC

- ionidiflorum** (Eckl. & Zeyh.) Steud.
Perennial. Shrub. Ht 0.1–0.5 m. Alt 167–915 m. EC
- jacobii* R.A.Dyer = **P. klinghardtense**
- juttae* Dinter = **P. dolomiticum**
- karooicum** Compton & P.E.Barnes
Perennial. Dwarf shrub, succulent. Ht 0.1–0.4 m. Alt 250–732 m. NC, WC
- karrooense* R.Knuth = **P. quercifolium**
- klinghardtense** R.Knuth
P. jacobii R.A.Dyer (15)
P. paradoxum Dinter (15)
Perennial. Shrub, succulent. Ht 0.2–0.8 m. Alt? N, NC
- laciniatum** R.Knuth
Annual. Herb. Ht 0.2–0.3 m. Alt up to 550 m. WC
- laciniatum* (Andrews) Pers. = **P. proliferum**
- ladysmithianum** R.Knuth
Perennial. Geophyte. Ht? Alt? WC
- laevigatum** (L.f.) Willd. subsp. **diversifolium** (J.C.Wendl.) Schonken
P. diversifolium J.C.Wendl. (23)
Perennial. Dwarf shrub. Ht 0.4–1 m. Alt 915–1830 m. WC, EC
- laevigatum** (L.f.) Willd. subsp. **laevigatum**
Perennial. Dwarf shrub. Ht 0.4–1 m. Alt 450–1616 m. WC, EC
- laevigatum** (L.f.) Willd. subsp. **oxyphyllum** (DC.) Schonken
Perennial. Dwarf shrub. Ht 0.4–1 m. Alt 1100–1311 m. WC, EC
- lancifolium* (Eckl. & Zeyh.) Steud. = **P. longifolium**
- lanceolatum** (Cav.) Kern
P. glaucum (L.f.) L'Hér. (23)
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 457–762 m. WC
- lateripes* L'Hér. = **P. peltatum**
- laxum** (Sweet) G.Don
Perennial. Succulent. Ht 0.1–0.3 m. Alt? WC, EC
- leanum* (Sweet) G.Don = **P. proliferum**
- leipoldtii** R.Knuth
Perennial. Geophyte. Ht 0.05–0.3 m. Alt up to 793 m. NC, WC
- leptopodium* Bolus = **P. capillare**
- leptum** L.Bolus
Perennial. Geophyte. Ht 0.1–0.3 m. Alt? WC
- lessertiaefolium* (Eckl. & Zeyh.) Steud. = **P. pinnatum**
- leucophyllum** Turcz.
Perennial, occ. annual. Herb. Ht 0.01–0.3 m. Alt 1830–2287 m. FS, EC
- l'heritieri* (Sweet) G.Don = **P. dipetalum**
- lineare* (Andrews) Pers. = **P. longiflorum**
- lobatum** (Burm.f.) L'Hér.
Perennial. Geophyte. Ht 0.1–0.3 m. Alt 5–1678 m. WC, EC
- longicaule** Jacq. var. **angustipetalum** C.Boucher
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt? WC
- longicaule** Jacq. var. **longicaule**
P. myrrhifolium (L.) L'Hér. var. *fruticosum* (Cav.) Harv. (26)
P. myrrhifolium (L.) L'Hér. var. *longicaule* (Jacq.) Harv. (26)
- Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 15–884 m. WC
- longiflorum** Jacq.
P. affine (Poir.) G.Don (55)
P. angustifolium (Thunb.) DC. (55)
P. depressum Jacq. (55)
P. lineare (Andrews) Pers. (55)
P. longiflorum Jacq. var. *depressum* (Jacq.) Loudon (55)
P. longifolium (Burm.f.) Jacq. var. *longiflorum*(Jacq.) Harv. (55)
P. rumicifolium (Sweet) Loudon (55)
P. spathulatum (Andrews) Pers. (55)
P. spathulatum (Andrews) Pers. var. *affine* (Poir.) Loudon (55)
P. spathulatum (Andrews) Pers. var. *curvifolium* (Andrews) Knuth (55)
Perennial. Geophyte. Ht 0.13–0.3 m. Alt? NC, WC
- longiflorum* Jacq. var. *depressum* (Jacq.) Loudon = **P. longiflorum**
- longifolium** (Burm.f.) Jacq.
P. andrewsii (Sweet) G.Don (55)
P. auriculatum Willd. (55)
P. bipinnatifidum (Eckl. & Zeyh.) Steud. (55)
P. ciliatum Jacq. (17)
P. heterophyllum (Andrews) Loudon (55)
P. lancifolium (Eckl. & Zeyh.) Steud. (55)
Perennial. Geophyte. Ht 0.1–0.2 m. Alt 61–1220 m. WC
- longifolium* (Burm.f.) Jacq. var. *ciliatum* (L'Hér.) Harv. = **P. heterophyllum**
- longifolium* (Burm.f.) Jacq. var. *longiflorum* (Jacq.) Harv. = **P. longiflorum**
- longifolium* (Burm.f.) Jacq. var. *nivea* (Sweet) R.Knuth = **P. violiflorum**
- longifolium* (Burm.f.) Jacq. var. *parnassioides* (DC.) Knuth = **P. proliferum**
- longifolium* (Burm.f.) Jacq. var. *virgineum* (Pers.) Harv. = **P. undulatum**
- longiscapum* Schltr. = **P. luridum**
- luridum** (Andrews) Sweet
P. aconitophyllum (Eckl. & Zeyh.) Steud. (17)
P. flabellifolium Harv. (13)
P. longiscapum Schltr. (13)
P. rehmannii Szyszyl. (13)
P. schlechteri R.Knuth (55)
P. zeyheri Harv. (13)
Perennial. Geophyte. Ht 0.8–1 m. Alt 10–2440 m. N, NW, G, M, S, FS, KZN, L, EC
- luteolum** N.E.Br.
Perennial. Geophyte. Ht 0.08–0.3 m. Alt up to 520 m. NC, WC, EC
- luteum** (Andrews) G.Don
Perennial. Geophyte. Ht 0.05–0.1 m. Alt? NC
- magenteum** J.J.A.van der Walt
P. rhodanthum Schltr. (20)
Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 120–940 m. NC, WC
- mahernium* L'Hér. ex DC. = **P. capillare**
- malacoides* R.Knuth = **P. nanum**
- malvaefolium* Jacq. = **P. alchemilloides**
- marginatum* R.Knuth = **P. ellaphiae**
- marlothii* R.Knuth = **P. alpinum**
- maximiliani* Schltr. = **P. carneum**
- melananthos* Jacq. = **P. auritum** var. **auritum**
- meyeri* Harv. = **P. chelidonium**

middletonianum R.Knuth = **P. dichondrifolium**

minimum (Cav.) Willd.

P. fumarioides L'Hér. ex Harv. (33)

Annual. Herb. Ht 0.05–0.1 m. Alt 915–1700 m. N, NW,
G, M, S, FS, KZN, L, NC, WC, EC

mirabile Dinter = **P. crassicaule**

mollicomum Fourc.

Perennial. Dwarf shrub. Ht 0.02–0.1 m. Alt? EC

moniliforme Harv.

Perennial. Geophyte. Ht 0.1–0.4 m. Alt 90–915 m.
NC, WC

monsoniaefolium Dinter ex R.Knuth = **P. cortusifolium**

multicaule Jacq. subsp. **multicaule**

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 6–1950 m.
S, FS, L, WC, EC

multicaule Jacq. subsp. **subherbaceum** (R.Knuth)

J.J.A. van der Walt

P. subherbaceum R.Knuth (26)

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 300–1981
m. M, KZN

multifidum Harv. = **P. plurisectum**

multiradiatum J.C. Wendl.

Perennial. Geophyte. Ht 0.5–0.8 m. Alt? WC

mutans Vorster

Perennial. Dwarf shrub, succulent. Ht up to 0.7 m. Alt
up to 750 m. KZN

myrrhifolium (L.) L'Hér. var. *betonicum* (Burm.f.) Harv.

= **P. myrrhifolium** var. **myrrhifolium**

myrrhifolium (L.) L'Hér. var. **coriandrifolium** (L.) Harv.

Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 15–976 m.
NC, WC

myrrhifolium (L.) L'Hér. var. *fruticosum* (Cav.) Harv. =

P. longicaule var. **longicaule**

myrrhifolium (L.) L'Hér. var. *longicaule* (Jacq.) Harv. =

P. longicaule var. **longicaule**

myrrhifolium (L.) L'Hér. var. **myrrhifolium**

P. myrrhifolium (L.) L'Hér. var. *betonicum* (Burm.f.) Harv. (15)

Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 36–1220 m.
WC, EC

namaquense R.Knuth = **P. bubonifolium**

nanum L'Hér.

P. malacoides R.Knuth (28)

P. parvulum DC. (28)

P. procumbens (Andrews) Pers. (28)

Annual, occ. perennial. Herb, scrambler. Ht 0.01–0.1 m.
Alt 457–2348 m. N, NC, WC, EC

nelsonii Burt Davy

Perennial. Geophyte. Ht? Alt 1430–1520 m. WC

nephrophyllum E.M. Marais

Perennial. Geophyte. Ht 0.05–0.1 m. Alt? WC

nervifolium Jacq.

Perennial. Geophyte. Ht 0.08–0.13 m. Alt up to 1000
m. WC

nivenii Harv. = **P. dipetalum**

niveum (Sweet) Loudon = **P. violiflorum**

nummulifolium Salisb.

Perennial. Geophyte. Ht 0.1–0.2 m. Alt? WC

nutans DC. = **P. rapaceum**

oblongatum Harv.

Perennial. Geophyte. Ht 0.2–0.3 m. Alt 915–1220 m.
NC

ocellatum J.J.A. van der Walt

Perennial. Dwarf shrub. Ht up to 0.3 m. Alt up to 380
m. WC

ochroleucum Harv.

Perennial. Geophyte. Ht 0.05–0.15 m. Alt? NC

odoratissimum (L.) L'Hér.

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 15–1372 m.
M, S, KZN, WC, EC

oenothera (L.f.) Jacq.

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 100–1220
m. WC

oppositifolium Schltr.

Perennial. Herb. Ht 0.35–0.4 m. Alt? L

oreophilum Schltr.

Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt
up to 915 m. WC

ornithopifolia (Eckl. & Zeyh.) Steud. = **P. pinnatum**

otaviense R.Knuth

P. damarense R.Knuth (23)

P. roessingense Dinter (23)

P. virgatum R.Knuth (23)

Perennial. Shrub. Ht 0.2–1 m. Alt 200–1850 m. N, NC

ovale (Burm.f.) L'Hér. subsp. **hyalinum** Hugo

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 611–1500
m. WC

ovale (Burm.f.) L'Hér. subsp. **ovale**

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 45–1800 m.
WC

ovale (Burm.f.) L'Hér. subsp. *ovatum* Harv. = **P. elegans**

ovale (Burm.f.) L'Hér. subsp. **veronicifolium** (Eckl. &
Zeyh.) Hugo

P. veronicaefolium (Eckl. & Zeyh.) Steud. (32)

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt up to 450
m. WC

ovalifolium (Sweet) DC. = **P. auritum** var. **carneum**

ovatifolium Steud. = **P. undulatum**

ovatostipulatum R.Knuth = **P. stipulaceum** subsp.
ovato-stipulatum

oxalidifolium (Andrews) Pers. = **P. heterophyllum**

oxaloides (Burm.f.) Willd.

Perennial. Geophyte. Ht? Alt? WC

panduriforme Eckl. & Zeyh.

P. quercifolium in sense of L'Hér., misapplied name (25)

Perennial. Shrub. Ht 1–2 m. Alt 305–1370 m. EC

paniculatum Jacq.

Perennial. Dwarf shrub, succulent. Ht 0.2–1 m. Alt?
N, NC

papilionaceum (L.) L'Hér.

Perennial. Shrub. Ht 0.1–0.2 m. Alt 15–671 m. WC

paradoxum Dinter = **P. klinghardtense**

parnassioides DC. = **P. proliferum**

parvipetalum E.M. Marais

Perennial. Geophyte. Ht 0.1–0.3 m. Alt? NC, WC

parvirostre R.A. Dyer

Perennial. Geophyte. Ht? Alt? WC

- parvulum* DC. = **P. nanum**
- patulum** Jacq. var. **grandiflorum** N.van Wyk
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 457–1525 m. WC
- patulum** Jacq. var. **patulum**
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 274–1525 m. WC
- patulum** Jacq. var. **tenuilobum** (Eckl. & Zeyh.) Harv.
Perennial. Dwarf shrub. Ht 0.01–0.3 m. Alt 320–1830 m. WC
- peltatum** (L.) L'Hér.
P. lateripes L'Hér. (24)
Perennial. Herb, climber. Ht 0.1–2 m. Alt 6–1220 m. WC, EC
- penniforme* Pers. = **P. proliferum**
- petronelinifolium** Don
P. apiifolium (Andrews) Loudon (45)
P. pilosum (Andrews) Pers. (45)
Perennial. Geophyte. Ht 0.01–0.3 m. Alt up to 305 m. WC
- pillansii** Salter
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? WC
- pilosellifolium** (Eckl. & Zeyh.) Steud.
Perennial. Geophyte. Ht 0.15–0.3 m. Alt? WC
- pilosum* (Andrews) Pers. = **P. petronelinifolium**
- pilosum* (Cav.) Steud. = **P. heterophyllum**
- pinnatum** (L.) L'Hér.
P. astragalifolium (Cav.) Jacq. (54)
P. lessertiaefolium (Eckl. & Zeyh.) Steud. (54)
P. ornithopifolia (Eckl. & Zeyh.) Steud. (54)
Perennial. Geophyte. Ht 0.1–0.3 m. Alt 54–914 m. WC
- plurisectum** Salter
P. multifidum Harv. (22)
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt? WC
- polycephalum** (E.Mey. ex Harv.) R.Knuth
Perennial. Geophyte. Ht up to 0.3 m. Alt? N, NC
- populifolium* Eckl. & Zeyh. = **P. ribifolium**
- praemorsum** (Andrews) F.Dietr. subsp. **praemorsum**
P. quinatum Sims (17)
Perennial. Shrub. Ht 0.5–1 m. Alt 134–1173 m. N, NC
- praemorsum** (Andrews) F.Dietr. subsp. **speciosum**
Scheltema
Perennial. Shrub. Ht 0.5–1 m. Alt 190–1200 m. N, NC
- procumbens* (Andrews) Pers. = **P. nanum**
- proliferum** (Burm.f.) Steud.
P. barbatum Jacq. (55)
P. ciliatum (Cav.) Pers. (55)
P. laciniatum (Andrews) Pers. (55)
P. leeanum (Sweet) G.Don (55)
P. longifolium (Burm.f.) Jacq. var. *parnassioides* (DC.) Knuth (55)
P. parnassioides DC. (55)
P. penniforme Pers. (55)
P. purpurascens Pers. (55)
P. tysonii Szyszyl. (55)
Perennial. Geophyte. Ht? Alt up to 1677 m. WC
- pseudofumarioides** R.Knuth
Annual. Herb, scrambler. Ht 0.05–0.2 m. Alt 1372–2500 m. M, FS, KZN, L, EC
- pseudoglutinosa** R.Knuth
P. pseudoglutinosa R.Knuth var. *scabridum* (R.Knuth) R.Knuth (25)
P. uniondalense R.Knuth (25)
P. uniondalense R.Knuth var. *scabridum* R.Knuth (25)
- Perennial. Shrub. Ht 0.6–1 m. Alt? EC
- pseudoglutinosa* R.Knuth var. *scabridum* (R.Knuth) R.Knuth (25)
R.Knuth = **P. pseudoglutinosa**
- pubipetalum** E.M.Marais
Perennial. Geophyte. Ht 0.06–0.14 m. Alt? NC
- pulchellum** Sims
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 92–1350 m. NC
- pulchellum* Salisb. = **P. reflexipetalum**
- pulcherrimum* F.M.Leight. = **P. radiatum**
- pulverulentum** Colvill ex Sweet
P. hollandii F.M.Leight. (17)
Perennial. Geophyte. Ht 0.1–0.5 m. Alt 3–2211 m. KZN, EC
- punctatum** (Andrews) Willd.
Perennial. Geophyte. Ht 0.1–0.3 m. Alt up to 50 m. WC
- purpurascens* Pers. = **P. proliferum**
- quarciticola** Meve & E.M.Marais
Perennial. Geophyte. Ht 0.05–0.1 m. Alt? NC
- quercifolium** (L.f.) L'Hér.
P. karrooense R.Knuth (25)
Perennial. Shrub. Ht 0.5–1.75 m. Alt 61–1100 m. EC
- quercifolium* in sense of L'Hér., misapplied name = **P. panduriforme**
- quinatum* Sims = **P. praemorsum** subsp. **praemorsum**
- radens** H.E.Moore
P. radula (Cav.) L'Hér. (25)
Perennial. Shrub. Ht 0.2–1 m. Alt 61–1372 m. WC, EC
- radiatum** (Andrews) Pers.
P. crinitum Harv. (55)
P. pulcherrimum F.M.Leight. (55)
Perennial. Geophyte. Ht 0.13–0.23 m. Alt up to 991 m. WC
- radicatum** Vent.
P. concavifolium Pers (77)
P. squamulosum R.Knuth (77)
Perennial. Geophyte. Ht 0.1–0.3 m. Alt up to 183 m. NC, WC
- radula* (Cav.) L'Hér. = **P. radens**
- radulifolium** (Eckl. & Zeyh.) Steud.
P. heracleifolium Lodd. (33)
Perennial. Geophyte. Ht 0.4–0.7 m. Alt 50–671 m. WC, EC
- ramosissimum** (Cav.) Willd.
Perennial. Dwarf shrub. Ht 0.05–0.1 m. Alt 900–1800 m. WC
- ranunculophyllum** (Eckl. & Zeyh.) Baker
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 152–2350 m. KZN, L, EC
- rapaceum** (L.) L'Hér.
P. carinatum J.C.Wendl. (55)
P. corydaliflorum (Sweet) DC. (55)
P. nutans DC. (55)
P. rapaceum (L.) L'Hér. var. *corydaliflorum* (Sweet) DC. (55)
P. rapaceum (L.) L'Hér. var. *selinum* (Andrews) Pers. (55)
P. rutaefolium Baker (55)
P. selinum (Andrews) Pers. (55)
Perennial. Geophyte. Ht 0.1–0.4 m. Alt 37–400 m. NC, WC, EC
- rapaceum* (L.) L'Hér. var. *corydaliflorum* (Sweet) DC. = **P. rapaceum**

- rapaceum* (L.) L'Hér. var. *selinum* (Andrews) Pers. = **P. rapaceum**
- recurvatum* (Sweet) G.Don = **P. aristatum**
- redactum** Vorster
Perennial. Dwarf shrub. Ht? Alt 610–1006 m. N, NC
- reflexipetalum** E.M.Marais
P. pulchellum Salisb., not of Sims (74)
Perennial. Geophyte. Ht 0.05–0.15 m. Alt? WC
- reflexum** (Andrews) Pers.
Perennial. Geophyte. Ht 0.08–0.15 m. Alt 610–915 m. WC
- rehmannii* Szyszyl. = **P. luridum**
- reniforme** Curtis subsp. **reniforme**
Perennial. Dwarf shrub, geophyte. Ht 0.1–1 m. Alt 45–1380 m. EC
- reniforme** Curtis subsp. **velutinum** (Eckl. & Zeyh.) Dreyer
Perennial. Dwarf shrub, geophyte. Ht 0.1–1 m. Alt 20–1494 m. EC
- reticulatum* (Sweet) DC. = **P. auritum** var. **carneum**
- revolutum* (Andrews) Pers. = **P. chelidonium**
- rhodanthum* Schltr. = **P. magenteum**
- ribifolium** Jacq.
P. populifolium Eckl. & Zeyh. (25)
P. schonlandii R.Knuth (25)
Perennial. Shrub. Ht 1–1.2 m. Alt 30–1525 m. WC, EC
- roessingense* Dinter = **P. otaviense**
- roseum* (Andrews) Aiton = **P. incrassatum**
- rubiginosum** E.M.Marais
Perennial. Geophyte. Ht 0.07–0.2 m. Alt? NC
- rumicifolium* (Sweet) Loudon = **P. longiflorum**
- rutaefolium* Baker = **P. rapaceum**
- salmoneum** R.A.Dyer
Perennial. Dwarf shrub. Ht? Alt? WC
- saniculaefolium* Willd. = **P. tabulare**
- scabroide** R.Knuth
Perennial. Shrub. Ht 0.4–0.75 m. Alt 915–1372 m. WC
- scabrum** (Burm.f.) L'Hér.
P. scabrum (Burm.f.) L'Hér. var. *balsameum* (Jacq.) Harv. (25)
Perennial. Shrub. Ht 0.5–2 m. Alt 200–1500 m. NC, WC, EC
- scabrum* (Burm.f.) L'Hér. var. *balsameum* (Jacq.) Harv. = **P. scabrum**
- schizopetalum** Sweet
P. amatymbicum (Eckl. & Zeyh.) Harv. (17)
Perennial. Geophyte. Ht 0.1–0.5 m. Alt 610–1769 m. WC, EC
- schlechteri* R.Knuth = **P. luridum**
- schonlandii* R.Knuth = **P. ribifolium**
- selinum* (Andrews) Pers. = **P. rapaceum**
- semitrilobum** Jacq.
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt? WC, EC
- senecioides** L'Hér.
Annual. Herb. Ht 0.15–0.4 m. Alt 61–1950 m. WC
- sericeum* E.Mey. = **P. sericifolium**
- sericifolium** J.J.A. van der Walt
P. sericeum E.Mey. (23)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt? NC
- setosiusculum** R.Knuth
Annual. Herb. Ht 0.25–0.4 m. Alt up to 640 m. EC
- setosum** (Sweet) DC.
Perennial. Geophyte. Ht? Alt? WC
- setulosum** Turcz.
P. cardiophyllum Harv. (22)
Perennial. Dwarf shrub. Ht 0.1–0.25 m. Alt 122–1400 m. WC
- sibthorpiifolium** Harv.
P. amabile Dinter (23)
P. eberlanzii Dinter (21)
P. graniticum R.Knuth (23)
Perennial. Geophyte. Ht 0.05–0.1 m. Alt? N, NC
- sidaefolium* (Thunb.) R.Knuth = **P. sidoides**
- sidoides** DC.
P. sidaefolium (Thunb.) R.Knuth (33)
Perennial. Dwarf shrub, geophyte. Ht 0.2–0.5 m. Alt 300–2700 m. NW, M, S, FS, KZN, L, EC
- spathulatum* (Andrews) Pers. = **P. longiflorum**
- spathulatum* (Andrews) Pers. var. *affine* (Poir.) Loudon = **P. longiflorum**
- spathulatum* (Andrews) Pers. var. *curvifolium* (Andrews) Knuth = **P. longiflorum**
- spinosum** Willd.
Perennial. Shrub. Ht 0.5–1.3 m. Alt 300–1060 m. N, NC
- squamulosum* R.Knuth = **P. radicans**
- squarrosum* Dinter = **P. grandicalcaratum**
- stipulaceum** (L.f.) Willd. subsp. **ovato-stipulatum** (R.Knuth) Vorster
P. ovato-stipulatum R.Knuth (20)
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt? NC, WC
- stipulaceum** (L.f.) Willd. subsp. **stipulaceum**
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 750–1159 m. NC, WC
- strigosum* (Eckl. & Zeyh.) Steud. = **P. auritum** var. **carneum**
- subherbaceum* R.Knuth = **P. multicaule** subsp. **subherbaceum**
- sublignosum** R.Knuth
Perennial. Shrub. Ht 0.5–1 m. Alt 915–1220 m. WC
- suburbanum** Clifford ex C.Boucher subsp. **bipinnatifidum** (Harv.) C.Boucher
P. urbanum (Eckl. & Zeyh.) Steud. var. *bipinnatifidum* Harv. (26)
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 15–762 m. WC
- suburbanum** Clifford ex C.Boucher subsp. **suburbanum**
P. urbanum (Eckl. & Zeyh.) Steud. var. *pinnatifidum* Harv. (26)
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 91–152 m. EC
- sulphureum** R.Knuth
Perennial. Geophyte. Ht 0.1–0.15 m. Alt? WC
- tabulare** (Burm.f.) L'Hér.
P. saniculaefolium Willd. (20)
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 18–1900 m. WC
- tenellum** (Andrews) G.Don
Perennial. Geophyte. Ht 0.05–0.25 m. Alt? WC
- tenuicaule** R.Knuth
Perennial. Dwarf shrub, scrambler. Ht 0.07–0.2 m. Alt 200–900 m. N, NC

ternatum (L.f.) Jacq.

Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 61–1082 m.
WC

ternifolium Vorster

P. trifoliatum Harv. (22)

Perennial. Geophyte. Ht 0.5–2 m. Alt 122–183 m. WC

tetragonum (L.f.) L'Hér.

Perennial. Succulent, scrambler. Ht 0.1–0.25 m. Alt
250–1035 m. WC

theianthum (Eckl. & Zeyh.) Steud.

Perennial. Geophyte. Ht? Alt? WC

tomentosum Jacq.

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 122–1220
m. WC

tongaense Vorster

Perennial. Herb. Ht 0.2–0.4 m. Alt up to 75 m. KZN

torulosum E.M.Marais

Perennial. Geophyte. Ht? Alt? WC

tragacanthoides Burch.

Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 610–1525
m. N, FS, NC, WC, EC

transvaalense R.Knuth

Perennial. Shrub, dwarf shrub. Ht 0.4–0.8 m. Alt 945–
1464 m. M, KZN

triandrum E.M.Marais

Perennial. Geophyte. Ht 0.1–0.2 m. Alt? WC

tricolor Curtis

P. violareum Jacq. (17)

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 400–1415
m. WC, EC

trifidum Jacq.

P. fragile (Andrews) Willd. (28)

P. tripartitum Willd. (25)

Perennial. Geophyte. Ht 0.05–0.6 m. Alt 190–1820 m.
WC, EC

trifoliatum Harv. = **P. ternifolium**

trifoliatum Steud. = **P. trifoliolatum**

trifoliolatum (Eckl. & Zeyh.) E.M.Marais

P. astragalifolium (in sense of Andrews) Loudon (54)

P. astragalifolium (in sense of Andrews) Loudon var. *trifoliolatum*
(Eckl. & Zeyh.) Harv. (54)

P. trifoliatum Steud. (54)

Perennial. Geophyte. Ht 0.13–0.17 m. Alt? WC

trilobum (Thunb.) DC. = **P. chelidonium**

tripartitum Willd. = **P. trifidum**

triphyllum Jacq.

Perennial. Geophyte. Ht 0.07–0.17 m. Alt? WC

triste (L.) L'Hér.

P. flavum (Burm.f.) L'Hér. (52)

Perennial. Geophyte. Ht 0.1–0.3 m. Alt 30–1200 m.
NC, WC

tysonii Szyszyl. = **P. proliferum**

undulaeflorum (Sweet) G.Don = **P. auritum** var. **auri-**
tum

undulatum (Andrews) Pers.

P. hirsutum Loudon (55)

P. longifolium (Burm.f.) Jacq. var. *virgineum* (Pers.) Harv. (55)

P. ovatifolium Steud. (55)

P. virgineum Pers. (55)

Perennial. Geophyte. Ht 0.09–0.24 m. Alt? WC

uniondalense R.Knuth = **P. pseudoglutinosum**

uniondalense R.Knuth var. *scabridum* R.Knuth = **P. pseu-**
doglutinosum

urbanum (Eckl. & Zeyh.) Steud. var. *bipinnatifidum*

Harv. = **P. suburbanum** subsp. **bipinnatifidum**

urbanum (Eckl. & Zeyh.) Steud. var. *pinnatifidum* Harv.

= **P. suburbanum** subsp. **suburbanum**

variifolium Steud. = **P. violiflorum**

veronicaefolium (Eckl. & Zeyh.) Steud. = **P. ovale** subsp.

veronicifolium

viciifolium DC.

P. astragalifolium (Cav.) Jacq. var. *foliolosum* (DC.) Harv. (54)

P. astragalifolium (Cav.) Jacq. var. *minor* Harv. (54)

P. foliolosum DC. (54)

Perennial. Geophyte. Ht 0.09–0.24 m. Alt? WC

vinaceum E.M.Marais

Perennial. Geophyte. Ht 0.08–0.18 m. Alt? N, NC

violareum Jacq. = **P. tricolor**

violiflorum (Sweet) DC.

Geranium heterophyllum Thunb. (69)

P. heterolobum DC. (69)

P. longifolium (Burm.f.) Jacq. var. *nivea* (Sweet) R.Knuth (69)

P. niveum (Sweet) Loudon (69)

P. variifolium Steud. (69)

Perennial. Geophyte. Ht 0.2–0.3 m. Alt? WC

virgatum R.Knuth = **P. otaviense**

virgineum Pers. = **P. undulatum**

vitifolium (L.) L'Hér.

Perennial. Shrub. Ht 0.5–1 m. Alt 610–1799 m. WC

woodii R.Knuth

Perennial. Geophyte. Ht 0.4–0.6 m. Alt? KZN

worcesterae R.Knuth

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 305–549 m.
EC

xerophyton Schltr. ex R.Knuth

Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 946–1480
m. N, NC

zeyheri Harv. = **P. luridum**

zonale (L.) L'Hér.

Perennial. Shrub, scrambler. Ht 1–3 m. Alt 61–1800
m. KZN, WC, EC

SARCOCAULON (DC.) Sweet 3926000

(1) Engler. 1889. *Botanische Jahrbücher* 10: 30, 31.

(2) Hiern. 1896. *Catalogue of the African plants collected by Dr. Friedrich Welwitsch* 1: 108.

(3) Knuth. 1912. *Das Pflanzenreich* 4,129 (Heft 53): 311–316.

(4) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 40.

(5) Bolus. 1930. *The Flowering Plants of South Africa* 10: t. 399.

(6) Rehm. 1935. *Botanische Jahrbücher* 67: 264–274.

(7) Moffett. 1978. *The Flowering Plants of Africa* 45: t. 1771.

(8) Moffett. 1979. *Bothalia* 12: 581–613.

(9) Moffett. 1983. *The Flowering Plants of Africa* 47: t. 1873.

(10) Moffett. 1984. *The Flowering Plants of Africa* 48: tt. 1891, 1907.

(11) Moffett. 1990. *The Flowering Plants of Africa* 51: tt. 2016, 2017.

(12) Moffett & Ward-Hilhorst. 1995. *Flowering Plants of Africa* 54: tt.
2101–2107.

camdeboense Moffett

Perennial. Dwarf shrub, succulent. Ht 0.1–0.4 m. Alt
600–1250 m. NC

ciliatum Moffett

Perennial. Dwarf shrub, succulent. Ht 0.08–0.3 m. Alt?
NC

crassicaule Rehm

Perennial. Dwarf shrub, succulent. Ht 0.1–0.6 m. Alt 300–1220 m. N, NC, WC

flavescens Rehm

Perennial. Dwarf shrub, succulent. Ht 0.1–0.7 m. Alt up to 1100 m. N, NC

herrei L.Bolus

Perennial. Dwarf shrub, succulent. Ht 0.05–0.25 m. Alt up to 610 m. NC

inermis Rehm

Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt? N

l'heritieri Sweet

Monsonia l'heritieri DC. (8)

Monsonia obcordata E.Mey. (8)

Monsonia spinosa L'Hér. (8)

Perennial. Dwarf shrub, succulent. Ht 0.3–0.75 m. Alt 800–1062 m. NC

marlothii Engl.

Perennial. Shrub, dwarf shrub, succulent. Ht 0.2–1.5 m. Alt up to 1080 m. N

mossamedense (Welw. ex Oliv.) Hiern

Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt up to 700 m. N

multifidum E.Mey. ex R.Knuth

Monsonia multifida E.Mey. (8)

Perennial. Dwarf shrub, succulent. Ht 0.06–0.2 m. Alt up to 91 m. N, NC

pateronii (DC.) G.Don

S. rigidum Schinz (8)

Perennial. Dwarf shrub, succulent. Ht 0.2–0.6 m. Alt 30–1350 m. N, NC

peniculinum Moffett

Perennial. Dwarf shrub, succulent. Ht 0.1–0.8 m. Alt up to 50 m. N

rigidum Schinz = **S. pateronii****salmoniflorum** Moffett

Perennial. Dwarf shrub, succulent. Ht 0.1–0.5 m. Alt 320–1525 m. N, FS, NC, WC

vanderietiae L.Bolus

Perennial. Dwarf shrub, succulent. Ht 0.1–0.4 m. Alt up to 396 m. NC

GESNERIACEAE

Compiled by S.J. Smithies

DIDYMOCARPUS Wall. 7810000

rexii Bowie ex Hook. = **Streptocarpus rexii**

STREPTOCARPUS Lindl. 7823000

- (1) Clarke. 1904. *FC* 4,2: 438–447.
- (2) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 27.
- (3) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 214.
- (4) Marloth. 1932. *The Flora of South Africa* 3,2: 161, t. 42.
- (5) Phillips. 1937. *The Flowering Plants of South Africa* 17: t. 666.
- (6) Verdoorn. 1937. *The Flowering Plants of South Africa* 17: t. 678.
- (7) Phillips. 1939. *The Flowering Plants of South Africa* 19: tt. 755, 756.
- (8) Verdoorn. 1941. *The Flowering Plants of South Africa* 21: tt. 804, 813.
- (9) Story. 1955. *The Flowering Plants of Africa* 30: t. 1196.
- (10) Story. 1961. *The Flowering Plants of Africa* 34: t. 1322.
- (11) Hilliard & Burt. 1971. *Streptocarpus, an African Plant Study*: xv–410.
- (12) Edwards *et al.* 1992. *Bothalia* 22: 192–194.
- (13) Hilliard. 1992. *Edinburgh Journal of Botany* 49: 75.
- (14) Weigend & Edwards. 1994. *Sendtnera* 2: 365–376.
- (15) Weigend & Edwards. 1994. *South African Journal of Botany* 60: 168, 169.

Note: Hilliard & Burt (1971) mentioned many hybrids in *Streptocarpus* but these have been omitted here. Heights were obtained mostly by measuring herbarium specimens. These measurements may not represent the full range and the flowers are not always held erect.

armitagei Baker f. & S.Moore = **S. dunnii**

baudertii L.L.Britten

S. hirtinervis C.B.Clarke in part (11)

Perennial. Herb, lithophyte or terrestrial. Ht 0.1–0.2 m. Alt 60–1750 m. KZN, EC

bolusii C.B.Clarke

Monocarpic (once-fruiting), occ. perennial. Herb, lithophyte or terrestrial? Ht 0.05–0.25 m. Alt ± 1220–1585 m. KZN, EC

bolusii C.B.Clarke in part = **S. pusillus**

breviflos (C.B.Clarke) C.B.Clarke

S. saundersii Hook. var. *breviflos* C.B.Clarke (1)

Monocarpic. Herb. Ht ± 0.55 m. Alt? FS

caeruleus Hilliard & B.L.Burt

Perennial. Herb, epiphyte or terrestrial? Ht 0.05–0.25 m. Alt 1420–2010 m. LIM

caeruleus Hilliard & B.L.Burt subsp. *longiflorus* Hilliard & B.L.Burt = **S. longiflorus**

candidus Hilliard

S. luteus C.B.Clarke in part (11)

Perennial. Herb, epiphyte or terrestrial. Ht 0.1–0.35 m. Alt 1050–1280 m. KZN

comptonii Mansf. = **S. polyanthus** subsp. **comptonii**

confusus Hilliard subsp. **confusus**

Monocarpic. Herb, lithophyte or terrestrial. Ht 0.12–0.65 m. Alt ± 300–1770 m. LIM, M, S, KZN

confusus Hilliard subsp. **lebomboensis** Hilliard & B.L.Burt

Monocarpic. Herb, lithophyte or terrestrial. Ht ± 0.14–0.45 m. Alt ± 550 m. S, KZN

cooksonii B.L.Burt

Monocarpic. Herb, lithophyte or terrestrial. Ht 0.14–0.26 m. Alt ± 610–1630 m. KZN

cooperi C.B.Clarke

Monocarpic. Herb, epiphyte, lithophyte or terrestrial. Ht ± 0.15–0.6 m. Alt ± 1060–1830 m. FS?, KZN

cyaneus S.Moore subsp. **cyaneus**

S. junodii Beauverd (11)

Perennial. Herb, epiphyte, lithophyte or terrestrial. Ht 0.08–0.35 m. Alt 700–1525 m. M, S

cyaneus S.Moore subsp. **longi-tommii** Weigend & T.J.Edwards

S. cyaneus in sense of Letty (1962) (14)

Perennial. Herb, epiphyte, lithophyte or terrestrial. Ht ± 0.14–0.3 m. Alt 1630–1800 m. M

- cyaneus** S.Moore subsp. **nigridentis** Weigend & T.J.Edwards
Perennial. Herb, lithophyte or terrestrial. Ht 0.06–0.35 m. Alt 960–2075 m. LIM, M
- cyaneus** S.Moore subsp. **polackii** (B.L.Burt) Weigend & T.J.Edwards
S. polackii B.L.Burt (14)
Perennial. Herb, lithophyte or terrestrial, Ht 0.1–0.3 m. Alt 1000–1850 m. M
- daviesii** N.E.Br. ex C.B.Clarke
Perennial. Herb, epiphyte or lithophyte. Ht 0.05–0.2 m. Alt 425–1830 m. S, KZN
- davyi** S.Moore
Perennial. Herb, terrestrial. Ht 0.08–0.28 m. Alt ± 1065–1370 m. S
- decipiens** Hilliard & B.L.Burt
Perennial. Herb, lithophyte or terrestrial. Ht ?–0.05 m. Alt ± 1525 m. M
- denticulatus** Turrill
Monocarpic. Herb, lithophyte. Ht 0.08–0.28 m. Alt 960–1525 m. M
- dunnii** Hook.f.
S. armitagei Baker f. & S.Moore (1)
Monocarpic or perennial. Herb, lithophyte, occ. terrestrial. Ht 0.05–0.21 m. Alt 1060–2285 m. M, S
- fanninae** Harv. ex C.B.Clarke
S. fanninae Harv. ex C.B.Clarke var. *minor* C.B.Clarke (11)
S. woodii C.B.Clarke (11)
Perennial. Herb, lithophyte or terrestrial. Ht 0.17–1 m. Alt 790–1675 m. KZN
- fanninae* Harv. ex C.B.Clarke var. *minor* C.B.Clarke = **S. fanninae**
- fasciatus** T.J.Edwards & Kunhardt
Perennial. Herb. Ht ?– ± 0.3 m. Alt ± 460 m. M
- fenestra-dei** Weigend & T.J.Edwards
Perennial. Herb, lithophyte or terrestrial. Ht ?– ± 0.3 m. Alt ± 1525 m. M
- floribundus** Weigend & T.J.Edwards
Perennial. Herb, lithophyte. Ht ?– ± 0.17 m. Alt? KZN
- formosus** (Hilliard & B.L.Burt) T.J.Edwards
S. primulifolius Gand. subsp. *formosus* Hilliard & B.L.Burt (15)
Perennial. Herb, lithophyte. Ht ± 0.16–0.25 m. Alt ± 120 m. KZN, EC
- galpinii** Hook.f.
Monocarpic or perennial. Herb, lithophyte or terrestrial. Ht 0.05–0.28 m. Alt 915–2000 m. LIM, M, S
- gardenii** Hook.
Perennial. Herb, epiphyte, lithophyte or terrestrial. Ht 0.06–0.23 m. Alt 1065–1980 m. FS, KZN, EC
- gracilis* B.L.Burt = **S. prolixus**
- grandis** N.E.Br. subsp. **grandis**
S. tubiflos C.B.Clarke in part (11)
Monocarpic. Herb, terrestrial, occ. epiphyte or lithophyte. Ht 0.1– ± 1 m. Alt 275–1660 m. M, KZN
- haygarthii** N.E.Br. ex C.B.Clarke
S. reynoldsii I.Verd. (11)
Monocarpic. Herb, terrestrial, occ. epiphyte or lithophyte. Ht 0.05–0.54 m. Alt 60–1830 m. KZN, EC
- hirtinervis* C.B.Clarke in part = **S. baudertii**
- insignis* B.L.Burt = **S. primulifolius**
- johannis** L.L.Britten
Perennial. Herb, lithophyte. Ht 0.12–0.24 m. Alt 30–1650 m. KZN, EC
- junodii* Beauverd = **S. cyaneus** subsp. **cyaneus**
- kentaniensis** L.L.Britten & Story
Perennial. Herb, lithophyte. Ht ± 0.11–0.3 m. Alt ± 0–150 m. EC
- latens** Hilliard & B.L.Burt
Perennial. Herb, lithophyte. Ht ± 0.03–0.07 m. Alt ± 2100–2225 m. M
- longiflorus** (Hilliard & B.L.Burt) T.J.Edwards
S. caeruleus Hilliard & B.L.Burt subsp. *longiflorus* Hilliard & B.L.Burt (12)
Perennial. Herb, lithophyte? Ht ?– ± 0.2 m at least. Alt ± 1830 m. LIM
- luteus* C.B.Clarke in part = **S. candidus**
- luteus* C.B.Clarke in part = **S. parviflorus** subsp. **parviflorus**
- makabengensis** Hilliard
Monocarpic. Herb. Ht ± 0.07 m. Alt ± 1220 m. LIM
- meyeri** B.L.Burt
S. parviflorus in sense of E.Mey. ex C.B.Clarke, not of Hook.f. (11)
Perennial. Herb, lithophyte or terrestrial. Ht 0.06–0.3 m. Alt 610–1830 m. M, EC
- micranthus** C.B.Clarke
Monocarpic. Herb, lithophyte or terrestrial, rarely epiphyte. Ht 0.04–0.24 m. Alt 1150–1830 m. M, S
- modestus** L.L.Britten
Perennial. Herb, lithophyte or terrestrial. Ht ?– ± 0.1 m. Alt ± 305 m. EC
- molweniensis** Hilliard subsp. **eshowicus** Hilliard & B.L.Burt
Monocarpic. Herb, lithophyte. Ht ?–0.6 m. Alt ± 460 m. KZN
- molweniensis** Hilliard subsp. **molweniensis**
Monocarpic. Herb, lithophyte or terrestrial. Ht ± 0.25–0.3 m. Alt ± 610 m. KZN
- montigena** L.L.Britten
Perennial. Herb, lithophyte. Ht ?–0.17 m. Alt ± 1525 m. EC
- muddii* C.B.Clarke = **S. wilmsii**
- occultis** Hilliard
Perennial. Herb, terrestrial. Ht ?–0.09 m. Alt ± 1710 m. M
- parviflorus** Hook.f. subsp. **parviflorus**
S. luteus C.B.Clarke in part (11)
Perennial. Herb, epiphyte, lithophyte or terrestrial. Ht 0.09–0.35 m. Alt ± 1065–1600 m. LIM, M
- parviflorus** Hook.f. subsp. **soutpansbergensis** Weigend & T.J.Edwards
Perennial. Herb. Ht 0.07–0.24 m. Alt ± 1220 m. LIM
- parviflorus* in sense of E.Mey. ex C.B.Clarke, not of Hook.f. = **S. meyeri**
- pentherianus** Fritsch
Perennial. Herb, lithophyte or terrestrial. Ht 0.02–0.39 m. Alt 1220–2285 m. M, S, FS, KZN, L
- pogonites** Hilliard & B.L.Burt
Perennial. Herb, lithophyte. Ht 0.05–0.09 m. Alt ± 1585 m. M
- polackii* B.L.Burt = **S. cyaneus** subsp. **polackii**
- pole-evansii** I.Verd.

- Perennial. Herb, lithophyte or terrestrial? Ht 0.1–0.17 m. Alt 365–± 760 m. M
- polyanthus** Hook. subsp. **comptonii** (Mansf.) Hilliard
S. comptonii Mansf. (11)
Monocarpic or perennial. Herb, lithophyte or terrestrial. Ht 0.07–0.21 m. Alt 960–± 1525 m. M, S, KZN
- polyanthus** Hook. subsp. **dracomontanus** Hilliard
Perennial. Herb, lithophyte or terrestrial. Ht 0.05–0.17 m. Alt 1320–2000 m. LIM, M, FS, KZN
- polyanthus** Hook. subsp. **polyanthus**
Perennial. Herb, lithophyte or terrestrial. Ht 0.07–0.5 m. Alt ± 400–1065 m. KZN
- polyanthus** Hook. subsp. **verecundus** Hilliard
Monocarpic, occ. perennial? Herb, lithophyte or terrestrial. Ht 0.07–0.19 m. Alt ± 900–1065 m. KZN
- porphyrostachys** Hilliard
Perennial, Herb, lithophyte. Ht 0.1–0.26 m. Alt 120–305 m. KZN, EC
- primulifolius** Gand., as '*primuliflorus*'
S. insignis B.L.Burtt (11)
S. rexii of author, not of (Bowie ex Hook.) Lindl.: Phillips (1939) (11)
Perennial. Herb, lithophyte or terrestrial. Ht ± 0.13–0.37 m. Alt 60–790 m. KZN, EC
- primulifolius* Gand. subsp. *formosus* Hilliard & B.L.Burtt = **S. formosus**
- prolixus** C.B.Clarke
S. gracilis B.L.Burtt (11)
Perennial. Herb, lithophyte, occ. terrestrial. Ht 0.04–0.2 m. Alt 396–670 m. KZN
- pusillus** Harv. ex C.B.Clarke
S. bolusii C.B.Clarke in part (11)
Monocarpic. Herb, lithophyte or terrestrial. Ht 0.05–0.18 m. Alt 1200–2745 m. M, FS, KZN, L, EC
- rexii** (Bowie ex Hook.) Lindl.
Didymocarpus rexii Bowie ex Hook. (1)
Perennial. Herb, epiphyte, lithophyte or terrestrial. Ht 0.07–0.3 m. Alt 200–1550 m. KZN, WC, EC
- rexii* of author, not of (Bowie ex Hook.) Lindl.: Phillips (1939) = **S. primulifolius**
- rexii* of author, not of (Bowie ex Hook.) Lindl.: Phillips (1937) = **S. roseo-albus**
- reynoldsii* I.Verd. = **S. haygarthii**
- rimicola** Story
Monocarpic. Herb, lithophyte or terrestrial. Ht 0.03–0.08 m. Alt 1675–1830 m. LIM
- roseo-albus** Weigend & T.J.Edwards
S. rexii of author, not of (Bowie ex Hook.) Lindl.: Phillips (1937) (14)
Perennial. Herb, lithophyte or terrestrial. Ht 0.1–0.27 m. Alt 1000–1500 m. M
- saundersii** Hook.
S. tubiflos C.B.Clarke in part (11)
Monocarpic. Herb, lithophyte. Ht 0.1–0.5 m. Alt 610–915 m. KZN
- saundersii* Hook. var. *breviflos* C.B.Clarke = **S. breviflos**
- saundersii* of author, not of Hook.: Marloth (1932) = **S. wendlandii**
- silvaticus** Hilliard
Perennial. Herb, epiphyte or lithophyte. Ht 0.05–0.23 m. Alt ± 1100–1675 m. KZN, EC
- trabeculatus** Hilliard
Monocarpic. Herb, lithophyte or terrestrial? Ht ± 0.1–0.14 m. Alt ± 450 m. KZN, EC
- tubiflos* C.B.Clarke in part = **S. grandis** subsp. **grandis**
- tubiflos* C.B.Clarke in part = **S. saundersii**
- vandeleurii** Baker f. & S.Moore
Monocarpic. Herb, lithophyte or terrestrial. Ht 0.15–0.32 m. Alt ± 1525–1830 m. LIM, NW, G, M
- wendlandii** Spreng.
S. saundersii of author, not of Hook.: Marloth (1932) (11)
Monocarpic. Herb, epiphyte or terrestrial. Ht ± 0.25–± 0.55 m. Alt 305–610 m. KZN
- wilmsii** Engl.
S. muddii C.B.Clarke (11)
Monocarpic, occ. perennial. Herb, epiphyte or terrestrial, occ. lithophyte. Ht 0.07–0.44 m. Alt 1300–1920 m. M, S
- woodii* C.B.Clarke = **S. fanniniae**

GISEKIACEAE

Compiled by A.M. Makwarela & M.C. Makgaka

GISEKIA L. 2382000

- (1) Adamson. 1961. *Journal of South African Botany* 27,2: 131–136.
(2) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 161.
(3) Gonçalves. 1978. *FZ* 4: 522–525.

africana (Lour.) Kuntze var. **africana**

G. pentadecandra Moq. (2)

Annual, occ. perennial. Herb, prostrate occ. erect. Length 0.05–0.5 m. Alt 60–2200 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

africana (Lour.) Kuntze var. **cymosa** Adamson

Annual, occ. perennial. Herb. Ht? Alt 60–940 m. N, B, LIM, NW, G, M, KZN, NC

africana (Lour.) Kuntze var. **pedunculata** (Oliv.) Brenan

Annual, occ. perennial. Herb, prostrate occ. erect. Length up to 2 m. Alt? NW, NC

pentadecandra Moq. = **G. africana** var. **africana**

pharnacioides L. var. **pharnacioides**

Annual. Herb, prostrate. Length 0.1–0.8 m. Alt 260–1789 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

GOODENIACEAE

Compiled by W.G. Welman

SCAEVOLA L.

8716000

EC

(1) Jeffrey. 1980. *Kew Bulletin* 34: 537–545.*lobelia* Murray = **S. plumieri****plumieri** (L.) Vahl*S. lobelia* Murray (1)*S. thunbergii* Eckl. & Zeyh. (1)

Perennial. Shrub. Ht 0.5–1 m. Alt 5–15 m. KZN, WC,

sericea Vahl*S. taccada* (Gaertn.) Roxb. (1)

Perennial. Shrub. Ht 1–3 m. Alt 2–5 m. KZN

taccada (Gaertn.) Roxb. = **S. sericea***thunbergii* Eckl. & Zeyh. = **S. plumieri**

GREYIACEAE

Compiled by R.H. Archer

GREYIA Hook. & Harv.

4855000

Perennial. Shrub. Ht 1–3 m. Alt 555–1340 m. EC

(1) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 101.(2) Burt Davy. 1932. *A manual of the flowering plants and ferns of the Transvaal with Swaziland, South Africa Part 2*: 311, 312.(3) Killick. 1977. *The Flowering Plants of Africa* 44: t. 1732.(4) Steyn *et al.* 1999. *Flowering Plants of Africa* 56: 86–92, t. 2155.**flanaganii** Bolus**radlkoferi** Szyszyl.

Perennial. Tree, shrub. Ht 1–8 m. Alt ?–1900 m. LIM, M, S, KZN

sutherlandii Hook. & Harv.

Perennial. Tree, shrub. Ht 2–7 m. Alt 90–2135 m. LIM, M, S, FS, KZN, L, EC

GRUBBIACEAE

Compiled by A.M. Makwarela & M.C. Makgakga

GRUBBIA P.J.Bergius

2121000

(1) Carlquist. 1977. *Journal of South African Botany* 43,2: 118–128.*gracilis* Salter = **G. rosmarinifolia** subsp. **gracilis***hirsuta* E.Mey. ex DC. = **G. rosmarinifolia** subsp. **hirsuta***linearifolia* Gutzwiller = **G. rourkei***pinifolia* Sond. = **G. rosmarinifolia** subsp. **rosmarinifolia** var. **pinifolia***rosmarinifolia* of author, not of P.J.Bergius, misapplied name = **G. rosmarinifolia** subsp. **rosmarinifolia** var. **rosmarinifolia****rosmarinifolia** P.J.Bergius subsp. **gracilis** (Salter) Carlquist*G. gracilis* Salter (1)

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt ?–450 m. WC

rosmarinifolia P.J.Bergius subsp. **hirsuta** (E.Mey. ex DC.) Carlquist*G. hirsuta* E.Mey. ex DC. (1)

Perennial. Shrub. Ht up to 1.5 m. Alt ?–1525 m. WC

rosmarinifolia P.J.Bergius subsp. **rosmarinifolia** var. **pinifolia** (Sond.) Carlquist*G. pinifolia* Sond. (1)

Perennial. Shrub. Ht 1–1.5 m. Alt? WC

rosmarinifolia P.J.Bergius subsp. **rosmarinifolia** var. **rosmarinifolia***G. rosmarinifolia* of author, not of P.J.Bergius, misapplied name (1)
Perennial. Shrub. Ht 0.9–3 m. Alt 15–1220 m. WC, EC**rourkei** Carlquist*G. linearifolia* Gutzwiller (1)

Perennial. Shrub. Ht 0.5–2 m. Alt 152–1220 m. WC

stricta (Lam.) A.DC. = **G. tomentosa****tomentosa** (Thunb.) Harms*G. stricta* (Lam.) A.DC. (1)

Perennial. Shrub. Ht up to 1.5 m. Alt 92–945 m. WC

GUNNERACEAE

Compiled by C.L. Bredenkamp

GUNNERA L.

5836000

Perennial. Herb, hydrophyte. Ht 0.3–1.5 m. Alt 60–2775 m. LIM, NW, G, M, S, FS, KZN, WC, EC

(1) Mendes. 1978. *FZ* 4: 79–81.**perpensa** L.

HALORAGACEAE

Compiled by C.L. Bredenkamp

LAUREMBERGIA P.J.Bergius 5833000

(1) Obermeyer. 1973. *Bothalia* 11: 116, 117.

repens P.J.Bergius subsp. **brachypoda** (Hiern) Oberm.
L. tetrandra (Schott) Kanitz subsp. *brachypoda* (Hiern) A.Raynal
(1)

Annual, occ. perennial. Herb. Ht 0.1–0.45 m. Alt 1–1770 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

tetrandra (Schott) Kanitz subsp. *brachypoda* (Hiern)
A.Raynal = **L. repens** subsp. **brachypoda**

MYRIOPHYLLUM L. 5834000

(1) Mendes. 1978. *FZ* 4: 77–79.

***aquaticum** (Vell.) Verdc.

M. brasiliense Cambess. (1)

Perennial. Herb, hydrophyte. Length up to 1.2 m. Alt 335–1750 m. LIM, G, M, FS, KZN, WC, EC

brasiliense Cambess. = **M. aquaticum**

spicatum L.

Perennial. Herb, hydrophyte. Length up to 2 m. Alt 50–1450 m. N, B, LIM, NW, G, M, FS, KZN, NC, WC, EC

HAMAMELIDACEAE

Compiled by M. Jordaan

DAHLIA Thunb. 3311010

crinita Thunb. = **Trichocladus crinitus**

TRICHOCLADUS Pers. 3311000

(1) Sonder. 1862. *FC* 2: 324–327.

(2) Hutchinson. 1933. *Kew Bulletin* 1933: 427–430.

(3) Verdcourt. 1970. *Kew Bulletin* 24: 345, 346.

(4) Verdcourt. 1971. *FTEA* Hamamelidaceae: 1–5.

(5) Mendes & Vidigal. 1978. *FZ* 4: 71–73.

crinitus (Thunb.) Pers.

Dahlia crinita Thunb. (1)

T. peltatus Meisn. (2)

T. vittatus Meisn. (1)

Perennial. Tree or shrub. Ht 2–5 m. Alt 5–1160 m. KZN, WC, EC

ellipticus Eckl. & Zeyh. subsp. **ellipticus**

Perennial. Tree or shrub. Ht 1.5–12 m. Alt 5–1300 m. LIM, M, KZN, WC, EC

grandiflorus Oliv.

Perennial. Tree or shrub. Ht 3–30 m. Alt 340–1830 m. M, S, KZN, EC

peltatus Meisn. = **T. crinitus**

vittatus Meisn. = **T. crinitus**

HERNANDIACEAE

Compiled by M. Jordaan

GYROCARPUS Jacq. 2830000

(1) Schreiber. 1968. *FSWA* 36: 1.

(2) Kubitzki. 1969. *Botanische Jahrbücher* 89: 181–192.

(3) Verdcourt. 1985. *FTEA* Hernandiaceae: 6–11.

(4) Stannard. 1997. *FZ* 9,2: 60–62.

americanus Jacq. subsp. **africanus** Kubitzki

G. asiaticus Willd. (1)

Perennial. Tree. Ht 3–15 m. Alt 300–1160 m. N, LIM

asiaticus Willd. = **G. americanus** subsp. **africanus**

HETEROPYXIDACEAE

Compiled by M. Jordaan

HETEROPYXIS Harv. 5588010

(1) Fernandes. 1971. *Mitteilungen der Botanischen Staatssammlung München* 10: 207–234.

(2) Fernandes. 1978. *FZ* 4: 212–215.

canescens Oliv.

Perennial. Tree. Ht 2–12 m. Alt 730–1600 m. M, S

dehniae Suss.

Perennial. Tree or shrub. Ht 1–7 m. Alt 1000–1600 m. LIM

natalensis Harv.

Perennial. Tree or shrub. Ht 1–10 m. Alt 30–2000 m. LIM, G, M, S, KZN

HYDNORACEAE

Compiled by M.C. Makgaka

- APHYTEIA** 2182010 Perennial. Herb, parasite. Ht up to 0.16 m. Alt? B
multiceps Burch. = **Cytinus sanguineus**
HYDNORA Thunb. 2182000
(1) Hill. 1912. *FC* 5,1: 486, 487.
(2) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 207.
(3) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 428.
(4) Schreiber. 1968. *FSWA* 41: 1, 2.
(5) Musselman & Visser. 1987. *Dinteria* 19: 77–82.
(6) Visser. 1989. *The Flowering Plants of Africa* 50: t. 1992.
(7) Musselman. 1997. *FZ* 9,2: 16–18.
abyssinica A.Braun ex Schweinf. Perennial. Herb, parasite. Ht 0.1–0.15 m. Alt? NC
africana Thunb. Perennial. Herb, parasite. Ht 0.08–0.12 m. Alt 30–915 m. N, B, NC, WC, EC
johannis Becc. var. **johannis**
H. solmsiana Dinter (5)
Perennial. Herb, parasite. Ht 0.12–0.16 m. Alt 70–1700 m. LIM, S
solmsiana Dinter = **H. johannis** var. **johannis**
triceps Drège & E.Mey. Perennial. Herb, parasite. Ht 0.1–0.15 m. Alt? NC

HYDROSTACHYACEAE

Compiled by R.P. Glen & C.D.K. Cook

- HYDROSTACHYS** Thouars 3160000
(1) Hill. 1912. *FC* 5: 484.
(2) Podlech. 1966. *FSWA* 61: 1.
(3) Obermeyer. 1970. *FSA* 13: 211–213.
(4) Verdcourt. 1986. *FTEA* Hydrostachyaceae: 1–7.
natalensis Wedd. = **H. polymorpha**
polymorpha Klotzsch
H. natalensis Wedd. (1, 3, 4)
Annual. Herb, hydrophyte: haptophyte. Ht 0.1–0.4 m. Alt 155–1220 m. N, KZN

HYPERICACEAE

Compiled by C.L. Bredenkamp

- HYPERICUM** L. 5168000
(1) Wight & Arnott. 1844–1846. *Icones plantarum Indiae orientalis* 2: 959.
(2) Bredell. 1939. *Bothalia* 3: 578.
(3) Phillips. 1940. *The Flowering Plants of South Africa* 20: t. 787.
(4) Verdoorn. 1943. *The Flowering Plants of South Africa* 23: t. 897.
(5) Robson. 1957. *Kew Bulletin* 12: 440.
(6) Robson. 1961. *FZ* 1: 379–387.
(7) Killick & Robson. 1976. *FSA* 22: 14–20.
(8) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 168, 169.
(9) Robson. 1990. *Bulletin of the British Museum (Natural History), Botany* 20: 1–151.
(10) Robson. 1995. *European garden flora* 4: 44–74.
aethiopicum Thunb. subsp. **aethiopicum**
Perennial. Herb. Ht 0.1–0.3 m. Alt 40–2408 m. LIM, S, KZN, L, WC, EC
aethiopicum Thunb. subsp. **sonderi** (Bredell) N.Robson
H. sonderi Bredell (5)
Perennial. Herb. Ht 0.04–0.5 m. Alt 5–2350 m. LIM, NW, G, M, S, FS, KZN, L, EC
***forrestii** (Chitt.) N.K.B.Robson
H. patulum L. var. *forrestii* Chitt. (10)
Perennial. Shrub. Ht ± 1.3 m. Alt 2033–2216 m. KZN
***hookerianum** Wight & Arn.
Perennial. Dwarf shrub. Ht up to 1 m. Alt? KZN
lalandii Choisy
Perennial. Herb. Ht 0.05–0.4 m. Alt 5–1847 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
lanceolatum Lam. = **H. revolutum** subsp. **revolutum**
leucoptychodes Steud. ex A.Rich. = **H. revolutum** subsp. **revolutum**
natalense J.M.Wood & M.S.Evans
Perennial. Herb. Ht up to 0.61 m. Alt 460–1525 m. M, S, KZN, EC
oligandrum Milne-Redh.
Annual. Herb, hydrophyte. Ht up to 0.2 m. Alt? N
patulum L. var. *forrestii* Chitt. = **H. forrestii**
***perforatum** L.
Perennial. Herb. Ht up to 0.76 m. Alt 107–1450 m. L, WC
revolutum Vahl subsp. **revolutum**
H. lanceolatum Lam. (7)
H. leucoptychodes Steud. ex A.Rich. (7)
Perennial. Shrub. Ht 0.33–3.65 m. Alt 365–2732 m. LIM, G, M, S, KZN, EC
roeperianum Schimp. ex A.Rich. var. **roeperianum**
Perennial. Tree, shrub. Ht 1.22–5 m. Alt 700–915 m. LIM
sonderi Bredell = **H. aethiopicum** subsp. **sonderi**
wilmsii R.Keller
Perennial. Herb. Ht 0.06–0.2 m. Alt ± 1675 m. M, FS, L, EC

ICACINACEAE

Compiled by R.H. Archer

APODYTES E.Mey. ex Arn. 4686000

- (1) Killick. 1976. *The Flowering Plants of Africa* 43: t. 1695.
 (2) Van Wyk & Potgieter 1994. *South African Journal of Botany* 60: 231–239.

abbottii Potgieter & A.E.van Wyk
 Perennial. Shrub, tree. Ht 1–4 m. Alt 10–250 m. KZN, EC

dimidiata E.Mey. ex Arn. subsp. **dimidiata**
 Perennial. Tree, shrub. Ht 0.5–15 m. Alt 5–1980 m.
 LIM, NW, G, M, S, KZN, WC, EC

geldenhuysii A.E.van Wyk & Potgieter
 Perennial. Shrub, tree. Ht 1–5 m. Alt 10–1300 m. WC

CASSINOPSIS Sond. 4671000

- (1) Mendes. 1963. *FZ* 2: 341, 342.

capensis Sond. = **C. ilicifolia**

ilicifolia (Hochst.) Kuntze
C. capensis Sond. (1)
 Perennial. Tree, shrub. Ht 1–6 m. Alt 305–1845 m.

LIM, M, S, FS, KZN, L, WC, EC

tinifolia Harv.
 Perennial. Tree, shrub. Ht 1.5–4 m. Alt 15–1730 m. S, KZN, EC

PYRENACANTHA Wight 4709000

- (1) Mendes. 1963. *FZ* 2: 347–351.

grandiflora Baill.
 Perennial. Shrub, climber. Ht 0.1–7 m. Alt 45–1700 m.
 LIM, M, S, KZN

kamassana Baill. = **P. kaurabassana**

kaurabassana Baill.
P. kamassana Baill. (original spelling, 1)
 Perennial. Shrub, geophyte, climber. Ht up to 3 m. Alt 45–610 m. LIM, M, S, KZN

scandens Planch. ex Harv.
 Perennial. Shrub, climber. Ht 0.1–3 m. Alt 15–1035 m.
 KZN, WC, EC

KIRKIACEAE

Compiled by R.H. Archer

KIRKIA Oliv. 4128000

- (1) Wild & Phipps. 1963. *FZ* 2: 214, 216.
 (2) Ross. 1970. *The Flowering Plants of Africa* 40: t. 1590.
 (3) Stannard. 1981. *Kew Bulletin* 35: 829–839.
 (4) Immelman. 1986. *FSA* 18,3: 1–3.

acuminata Oliv.
K. acuminata Oliv. var. *pubescens* (Burt Davy) Bremek. (1)
K. pubescens Burt Davy (1)
K. pubescens Burt Davy var. *glabripetala* Burt Davy (3)
 Perennial. Tree. Ht 3–17 m. Alt 245–1465 m. N, B, LIM, M, S

acuminata Oliv. var. *pubescens* (Burt Davy) Bremek. = **K. acuminata**

dewinteri Merxm. & Heine
 Perennial. Tree. Ht 3–10 m. Alt ± 750 m. N

pubescens Burt Davy = **K. acuminata**
pubescens Burt Davy var. *glabripetala* Burt Davy = **K. acuminata**

wilmsii Engl.
 Perennial. Tree. Ht 2–15 m. Alt 365–1495 m. LIM, NW, G, M, S

LAMIACEAE

Compiled by E. Retief & P.P.J. Herman

Note: Paton (pers. comm.) regards the genera *Englerastrum*, *Holostylon*, *Neohyptis* and *Solenostemon* as congeneric with *Plectranthus* and places *Becium* under *Ocimum*, but they are here retained as separate taxa.

ACROCEPHALUS Benth. 7362000

sericeus Briq. = **Haumaniastrum sericeum**

ACROTOME Benth. ex Endl. 7236000

- (1) Codd. 1985. *FSA* 28,4: 19–23.
 (2) Retief & Herman. 1997. *Strelitzia* 6: 490, 491.

amboensis Briq. = **A. inflata**

angustifolia G. Taylor
A. lancifolia Bremek. & Oberm. (1)
 Annual. Herb. Ht 0.15–1 m. Alt 915–1430 m. N, B,

LIM, G, NC

belckii Gürke = **A. fleckii**

fleckii (Gürke) Launert
A. belckii Gürke (1)
Leucas fleckii Gürke (1)
 Annual. Herb. Ht 0.1–0.8 m. Alt 500–1800 m. N

hispida Benth.
 Perennial. Herb. Ht 0.01–0.25 m. Alt 30–1770 m. NW, G, M, S, FS, KZN

inflata Benth.

A. amboensis Briq. (1)
Lasiocorys eenii (Hiern) Baker (1)
 Annual. Herb. Ht 0.15–1 m. Alt 550–2200 m. N, B,
 LIM, NW, G, M, FS, L, NC, EC

lancifolia Bremek. & Oberm. = **A. angustifolia**

pallescens Benth.
Stachys steingroeveri Briq. (1)
 Perennial. Dwarf shrub. Ht 0.45–0.5 m. Alt 470–2116
 m. N, NC

thorncroftii Skan
 Perennial. Herb. Ht 0.1–0.2 m. Alt 60–975 m. M, S,
 KZN

AEOLLANTHUS Mart. ex 7345000
 K.Spreng.

- (1) Codd. 1985. *FSA* 28,4: 121–125.
 (2) Ryding. 1986. *Symbolae Botanicae Upsaliensis* 26: 1–152.
 (3) Retief & Herman. 1997. *Strelitzia* 6: 491.

buchnerianus Briq.
A. canescens Gürke (1)
 Perennial. Dwarf shrub, herb, succulent. Ht 0.15–0.5
 m. Alt 500–2200 m. N, NW, LIM, G, M, FS,
 KZN, L, EC

canescens Gürke = **A. buchnerianus**

crenatus S.Moore = **A. rehmannii**

heliotropioides Oliv. = **A. suaveolens**

lobatus of authors, not of N.E.Br., concept invalid = **A.
 namibiensis**

namibiensis Ryding
A. lobatus of authors, not of N.E.Br., concept invalid (1)
 Annual. Herb, succulent. Ht 0.15–0.65 m. Alt ± 1500
 m. N

neglectus (Dinter) Launert
Plectranthus neglectus Dinter (1)
 Annual. Herb, succulent. Ht 0.15–0.3 m. Alt 520–
 1400 m. N, B, LIM

parvifolius Benth.
 Perennial. Herb, succulent. Ht 0.2–0.5 m. Alt 5–1525
 m. LIM, M, S, KZN, EC

rehmannii Gürke
A. crenatus S.Moore (1)
 Perennial. Herb, succulent. Ht 0.2–0.5 m. Alt 300–
 2045 m. N, B, LIM, G, M, S, KZN

suaveolens Mart. ex K.Spreng.
A. heliotropioides Oliv. (1)
 Annual. Herb, succulent. Ht 0.2–0.5 m. Alt ± 1200 m.
 LIM

AJUGA L. 7211000

- (1) Codd. 1985. *FSA* 28,4: 6, 7.
 (2) Retief & Herman. 1997. *Strelitzia* 6: 491.

ophrydis Burch. ex Benth.
 Perennial. Herb. Ht 0.06–0.25 m. Alt 160–2440 m. G,
 M, S, FS, KZN, L, EC

BALLOTA L. 7279000

- (1) Codd. 1985. *FSA* 28,4: 48–50.
 (2) Goldblatt & Manning. 2000. *Strelitzia* 9: 530.

africana (L.) Benth.
Marrubium africanum L. (1)
 Perennial. Dwarf shrub, herb. Ht 0.3–1.2 m. Alt 3–
 1525 m. N, FS, NC, WC, EC

BASILICUM Moench 7364000

- (1) Codd. 1985. *FSA* 28,4: 216, 217.
 (2) Retief & Herman. 1997. *Strelitzia* 6: 491.

polystachyon (L.) Moench
Moschosma polystachyon (L.) Benth. (1)
Ocimum polystachyon L. (1)
 Annual. Herb. Ht 0.3–0.5 m. Alt 136–303 m. LIM, M,
 S

BECIUM Lindl. 7366010

- (1) Codd. 1985. *FSA* 28,4: 223–227.
 (2) Sebal. 1988. *Stuttgarter Beiträge zur Naturkunde*, Serie A 419: 1–74.
 (3) Sebal. 1989. *Stuttgarter Beiträge zur Naturkunde*, Serie A 437: 1–63.
 (4) Paton. 1995. *Kew Bulletin* 50: 199–242.
 (5) Williamson & Balkwill. 1995. *Kew Bulletin* 50: 739–751.
 (6) Retief & Herman. 1997. *Strelitzia* 6: 491, 492.

angustifolium (Benth.) N.E.Br.
Ocimum angustifolium Benth. (1)
 Perennial. Shrub, herb. Ht 0.2–0.6 m. Alt 1300–1854
 m. B, LIM, NW, G, M

burchellianum (Benth.) N.E.Br.
Ocimum burchellianum Benth. (1)
 Perennial. Shrub. Ht 0.5–1 m. Alt 91–1525 m. EC

citriodorum S.D.Will. & K.Balkwill
 Perennial. Herb. Ht 0.3–0.5 m. Alt ± 1400 m. LIM

coddii S.D.Will. & K.Balkwill
 Perennial. Herb. Ht 0.6–1.5 m. Alt ± 600 m. M

filamentosum (Forssk.) Chiov.
B. knyanum (Vatke) N.E.Br. ex Broun & R.E.Massey (2)
B. obovatum (E.Mey. ex Benth.) N.E.Br. var. *knyanum* (Vatke) Cufod. (2)
Ocimum fissilabrum Briq. (2)
Ocimum knyanum Vatke (2)
Ocimum rautanenii Briq. (2)
Ocimum stenoglossum Briq. (2)
 Perennial. Herb. Ht 0.2–0.6 m. Alt 160–860 m. N, B,
 LIM, NW, G, M, S, KZN

grandiflorum (Lam.) Pic.Serm. var. *galpinii* (Gürke) Sebal.
 = **B. obovatum** subsp. **obovatum** var. **galpinii**

grandiflorum (Lam.) Pic.Serm. var. *obovatum* (E.Mey.
 ex Benth.) Sebal. = **B. obovatum** subsp. **obova-
 tum** var. **obovatum**

knyanum (Vatke) N.E.Br. ex Broun & R.E.Massey = **B.
 filamentosum**

obovatum (E.Mey. ex Benth.) N.E.Br. subsp. **obovatum**
 var. **galpinii** (Gürke) N.E.Br.
B. grandiflorum (Lam.) Pic.Serm. var. *galpinii* (Gürke) Sebal. (4)
B. obovatum (E.Mey. ex Benth.) N.E.Br. var. *galpinii* (Gürke)
 N.E.Br. (4)
Ocimum galpinii Gürke (4)
 Perennial. Herb, procumbent, decumbent. Ht 0.15–0.3
 m. Alt 800–1800 m. LIM, M, S, KZN, EC

obovatum (E.Mey. ex Benth.) N.E.Br. subsp. **obovatum**
 var. **obovatum**
B. grandiflorum (Lam.) Pic.Serm. var. *obovatum* (E.Mey. ex Benth.)
 Sebal. (4)
B. obovatum (E.Mey. ex Benth.) N.E.Br. var. *glabrius* (Benth.) Cufod. (4)
B. obovatum (E.Mey. ex Benth.) N.E.Br. var. *hians* (Benth.) N.E.Br. (4)
B. obovatum (E.Mey. ex Benth.) N.E.Br. var. *obovatum* (4)
Ocimum obovatum E.Mey. ex Benth. (4)
 Perennial. Herb. Ht 0.12–0.4 m. Alt 1090–2055 m.
 LIM, NW, G, M, S, FS, KZN, L, EC

obovatum (E.Mey. ex Benth.) N.E.Br. var. *galpinii*
 (Gürke) N.E.Br. = **B. obovatum** subsp. **obova-
 tum** var. **galpinii**

obovatum (E.Mey. ex Benth.) N.E.Br. var. *glabrius* (Benth.) Cufod. = **B. obovatum** subsp. **obovatum** var. **obovatum**

obovatum (E.Mey. ex Benth.) N.E.Br. var. *hians* (Benth.) N.E.Br. = **B. obovatum** subsp. **obovatum** var. **obovatum**

obovatum (E.Mey. ex Benth.) N.E.Br. var. *knyanum* (Vatke) Cufod. = **B. filamentosum**

obovatum (E.Mey. ex Benth.) N.E.Br. var. *obovatum* = **B. obovatum** subsp. **obovatum** var. **obovatum**

reclinatum S.D.Will. & K.Balkwill

Perennial. Herb, procumbent. Length 0.1–0.35 m. Alt 70–148 m. KZN

waterbergensis S.D.Will. & K.Balkwill

Perennial. Herb. Ht 0.3–0.5 m. Alt 1400–1700 m. LIM

***CEDRONELLA** Moench 7245000

(1) Codd. 1985. *FSA* 28,4: 26, 27.

(2) Goldblatt & Manning. 2000. *Strelitzia* 9: 530.

canariensis (L.) Webb & Berthel.

C. triphylla Moench (1)

Dracocephalum canariense L. (1)

Perennial. Herb. Ht ± 2.5 m. Alt ± 300 m. NC

triphylla Moench = **C. canariensis**

CLERODENDRUM L. 7191000

(1) Thomas. 1937. *Botanische Jahrbücher* 68: 1–106.

(2) Moldenke. 1940. *Phytologia* 1: 416.

(3) Friedrich-Holzhammer. 1967. *FSWA* 122: 4–6.

(4) Verdcourt. 1992. *FTEA* Verbenaceae: 84–144.

(5) Fernandes. 1998. *Memórias da Sociedade Broteriana* 30: 5–109.

africanum Moldenke (insufficiently known)

Perennial. Tree or shrub. Ht? Alt? KZN

buchneri Gürke

Perennial. Dwarf shrub or herb. Ht 0.15–1 m. Alt 600–1350 m. B

caeruleum N.E.Br. = **Rothea caerulea**

cuneatum Gürke = **Rothea cuneiformis**

cuneiforme Moldenke = **Rothea cuneiformis**

dekindtii Gürke = **Rothea myricoides**

dekindtii Gürke var. *dinteri* Thomas = **Rothea myricoides**

discolor (Klotzsch) Vatke var. *oppositifolium* Thomas = **Rothea myricoides**

glabrum E.Mey. var. *angustifolium* E.Mey. = **C. glabrum** var. **glabrum**

glabrum E.Mey. var. **glabrum**

C. glabrum E.Mey. var. *angustifolium* E.Mey. (4)

C. rehmannii Gürke (5)

Perennial. Shrub or small tree. Ht 0.3–9 m. Alt 0–1600 m. N, B, LIM, NW, G, M, S, KZN, EC

hirsutum (Hochst.) H.Pearson = **Rothea hirsuta**

louwalbertsii P.P.J.Herman = **Rothea louwalbertsii**

myricoides (Hochst.) Vatke = **Rothea myricoides**

myricoides (Hochst.) Vatke subsp. *namibiense* R.Fern. = **Rothea myricoides**

pearsonii Moldenke = **Rothea hirsuta**

pilosum H.Pearson = **Rothea pilosa**

pleiosciadium Gürke

Perennial. Shrub. Ht 0.9–2.5 m. Alt 200–500 m. LIM

rehmannii Gürke = **C. glabrum** var. **glabrum**

scheffleri Gürke var. *ellipticum* Moldenke = **Rothea cuneiformis**

schlechteri Gürke = **Rothea myricoides**

simile H.Pearson = **C. transvaalense**

spinescens (Oliv.) Gürke, illegitimate name = **Rothea uncinata**

ternatum Schinz

C. ternatum Schinz var. *lanceolatum* (Gürke) Moldenke (4)

C. wilmsii Gürke (4)

Perennial. Dwarf shrub. Ht 0.15–1 m. Alt 91–1500 m. N, B, LIM, NW, G, M, S

ternatum Schinz var. *lanceolatum* (Gürke) Moldenke = **C. ternatum**

transvaalense Thomas

C. simile H.Pearson (1)

Perennial. Dwarf shrub. Ht ± 0.3 m. Alt? 'TV'

triphyllum (Harv.) H.Pearson = **Rothea hirsuta**

uncinatum Schinz = **Rothea uncinata**

violaceum Gürke = **Rothea violacea**

wildii Moldenke forma *glabrum* R.Fern. = **Rothea wildii** forma *glabra*

wilmsii Gürke = **C. ternatum**

CLINOPODIUM L. 7305030

martinicense Jacq. = **Leucas martinicensis**

COLEUS Lour. 7355000

amboinicus Lour. = **Plectranthus amboinicus**

barbatus (Andrews) Benth. = **Plectranthus barbatus**

caninus (Roth) Vatke = **Plectranthus caninus**

carnosus Dinter ex Eliovson = **Plectranthus neochilus**

comosus Hochst. ex Gürke = **Plectranthus ornatus**

decumbens Gürke = **Plectranthus tetensis**

dysentericus Baker = **Solenostemon rotundifolius**

latifolius Hochst. ex Benth. = **Solenostemon latifolius**

mirabilis Briq. = **Plectranthus mirabilis**

neochilus (Schltr.) Codd = **Plectranthus neochilus**

omahekense Dinter = **Plectranthus caninus**

pentheri Gürke = **Plectranthus neochilus**

rehmannii Briq. = **Solenostemon latifolius**

rotundifolius (Poir.) A.Chev. & Perrot = **Solenostemon rotundifolius**

schinzii Gürke = **Plectranthus neochilus**

tetensis Baker = **Plectranthus tetensis**

vagatus E.A.Bruce = **Plectranthus tetensis**

CYCLONEMA Hochst. 7191010

myricoides (Hochst.) Hochst. = **Rothea myricoides**

hirsutum Hochst. = **Rothea hirsuta**

triphyllum Harv. = **Rothea hirsuta**

DRACOCEPHALUM L. 7250000

canariense L. = **Cedronella canariensis**

- ECHINOSTACHYS** E.Mey. 7347020
reticulata E.Mey. = **Pycnostachys reticulata**
- ENDOSTEMON** N.E.Br. 7345010
 (1) Codd. 1985. *FSA* 28,4: 127–130.
 (2) Retief & Herman. 1997. *Strelitzia* 6: 492.
obtusifolius (E.Mey. ex Benth.) N.E.Br.
Ocimum obtusifolium E.Mey. ex Benth. (1)
 Perennial. Shrub, herb. Ht 0.5–1.5 m. Alt 5–1675 m.
 LIM, M, S, KZN, EC
ocimoides Bremek. = **E. tereticaulis**
tenuiflorus (Benth.) M.Ashby
Orthosiphon tenuiflorus Benth. (1)
Pseudocimum trichocalyx Bremek. (1)
 Perennial. Herb. Ht 0.15–0.25 m. Alt 275–900 m. N,
 B, LIM, M
tereticaulis (Poir.) M.Ashby
E. ocimoides Bremek. (1)
Ocimum tereticaule Poir. (1)
 Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 305–1350
 m. N, B, M
- ENGLERASTRUM** Briq. 7353000
 (1) Codd. 1985. *FSA* 28,4: 177.
schweinfurthii Briq.
 Annual, occ. perennial. Herb, decumbent. Ht ± 0.6 m.
 Alt ± 960 m. N
- GENIOSPORUM** Wall. ex Benth. 7363000
angolense Briq. = **Platostoma rotundifolium**
paniculatum Baker = **Neohyptis paniculata**
- GERMANEA** Lam. 7350050
rotundifolia Poir. = **Solenostemon rotundifolius**
- HAUMANIASTRUM** P.A.Duvign. 7362010
 & Plancke
 (1) Verdoorn. 1942. *The Flowering Plants of South Africa* 22: t. 847.
 (2) Codd. 1985. *FSA* 28,4: 213.
 (3) Paton. 1997. *Kew Bulletin* 52: 293–378.
sericeum (Briq.) A.J.Paton
 Perennial. Herb. Ht 0.3–1.2 m. Alt 1000–1700 m. N
- HEMIZYGIA** (Benth.) Briq. 7365000
 (1) Codd. 1985. *FSA* 28,4: 193–211.
 (2) Codd. 1989. *The Flowering Plants of Africa* 50: t. 2000.
 (3) Retief & Herman. 1997. *Strelitzia* 6: 493–495.
 (4) Paton & Balkwill. 2001. *Kew Bulletin* 56: 491–496.
albiflora (N.E.Br.) M.Ashby
Orthosiphon albiflorus N.E.Br. (1)
Orthosiphon decipiens N.E.Br. (1)
 Perennial. Shrub. Ht 0.3–1.5 m. Alt 915–2316 m. LIM,
 M, S
bolusii (N.E.Br.) Codd
Orthosiphon bolusii N.E.Br. (1)
 Perennial. Shrub. Ht 1–2 m. Alt ± 3000 m. KZN
- bracteosa** (Benth.) Briq.
H. hoepfneri Briq. (1)
H. serrata Briq. (1)
Ocimum bracteosum Benth. (1)
Orthosiphon bracteosus (Benth.) Baker (1)
Orthosiphon schinzianus Briq. (1)
 Annual. Herb. Ht 0.25–0.7 m. Alt 380–1150 m. N, B,
 LIM, M
- canescens** (Gürke) M.Ashby
Orthosiphon affinis N.E.Br. (1)
Orthosiphon canescens Gürke (1)
 Perennial. Herb. Ht 0.3–0.6 m. Alt 152–1830 m. LIM,
 NW, G, M, S, KZN
- cinerea** Codd
 Perennial. Shrub. Ht 0.4–1.5 m. Alt 1600–2165 m. FS,
 KZN, L
- dinteri* Briq. = **H. petrensis**
- elliottii** (Baker) M.Ashby
Orthosiphon elliottii Baker (1)
Orthosiphon messinensis R.D.Good (1)
 Perennial. Herb. Ht 0.35–0.6 m. Alt 100–1330 m. B,
 LIM, NW
- floccosa** Launert
 Perennial. Shrub. Ht 0.4–0.8 m. Alt 400–1346 m. N
- foliosa** S.Moore
H. humilis (N.E.Br.) M.Ashby (1)
Orthosiphon foliosus (S.Moore) N.E.Br. (1)
 Perennial. Herb, decumbent to erect. Length 0.2–0.35
 m. Alt 762–1585 m. M, S, KZN
- gerrardii** (N.E.Br.) M.Ashby
Orthosiphon gerrardii N.E.Br. (1)
 Perennial. Dwarf shrub. Ht ± 1 m. Alt ± 1300 m. M,
 KZN
- hoepfneri* Briq. = **H. bracteosa**
- humilis* (N.E.Br.) M.Ashby = **H. foliosa**
- incana** Codd
 Perennial. Shrub. Ht 0.5–0.6 m. Alt ± 2000 m. M
- latidens* (N.E.Br.) M.Ashby = **Syncolostemon latidens**
- linearis** (Benth.) Briq.
Orthosiphon linearis Benth. (1)
 Perennial. Herb. Ht 0.3–0.5 m. Alt 1030–1372 m. N,
 B, NW
- macrophylla** (Gürke) Codd
Orthosiphon macrophyllus (Gürke) N.E.Br. (1)
Syncolostemon macrophyllus Gürke (1)
 Perennial. Dwarf shrub. Ht 1–1.5 m. Alt 1300–1400
 m. M, KZN
- modesta** Codd
 Perennial. Herb. Ht 0.12–0.25 m. Alt 615–1675 m. M,
 S, KZN
- mossiana* (R.D.Good) M.Ashby = **H. petrensis**
- obermeyerae** M.Ashby
 Perennial. Shrub. Ht 1–1.5 m. Alt 800–1829 m. LIM
- parvifolia** Codd
 Perennial. Shrub. Ht 0.5–1 m. Alt 1250–1540 m. M
- persimilis** (N.E.Br.) M.Ashby
Orthosiphon persimilis N.E.Br. (1)
Orthosiphon rogersii N.E.Br. (1)
 Perennial. Herb. Ht 0.15–0.3 m. Alt 610–1130 m. NW,
 M, S
- petiolata** M.Ashby
 Perennial. Shrub. Ht up to 1 m. Alt 765–1465 m. LIM,
 M, S
- petrensis** (Hiern) M.Ashby
H. dinteri Briq. (1)
H. mossiana (R.D.Good) M.Ashby (1)
Orthosiphon engleri Perkins (1)
Orthosiphon holubii N.E.Br. (1)
Orthosiphon petrensis Hiern (1)
Orthosiphon varians N.E.Br. (1)

- Annual, occ. perennial. Herb. Ht 0.2–0.6 m. Alt 305–2336 m. N, B, NW, LIM, M
- pretoriae** (Gürke) M.Ashby subsp. **heterotricha** Codd
Perennial. Herb. Ht ± 0.1 m. Alt 380–1220 m. M, S, KZN
- pretoriae** (Gürke) M.Ashby subsp. **pretoriae**
Orthosiphon pretoriae Gürke (1)
Perennial. Herb. Ht 0.15–0.2 m. Alt 610–1830 m. G, M, S, KZN
- punctata** Codd
Perennial. Shrub. Ht 0.6–1.2 m. Alt 915–1400 m. M
- ramosa** Codd
Perennial. Shrub. Ht 1–2 m. Alt ± 400 m. KZN
- rehmannii** (Gürke) M.Ashby
Orthosiphon rehmannii Gürke (1)
Perennial. Shrub. Ht 0.3–0.8 m. Alt 1280–2180 m. LIM
- rugosifolia** M.Ashby
Perennial. Shrub. Ht ± 1 m. Alt 1380–1440 m. LIM
- serrata** Briq. = **H. bracteosa**
- stalmansii** A.J.Paton & K.Balkwill
Perennial. Herb. Ht 0.8–1.5 m. Alt 890–1410 m. M, S
- stenophylla** (Gürke) M.Ashby
Orthosiphon stenophyllus Gürke (1)
Perennial. Shrub. Ht 0.3–0.9 m. Alt 915–1920 m. KZN, EC
- subvelutina** (Gürke) M.Ashby
Orthosiphon subvelutinus Gürke (1)
Perennial. Shrub, herb. Ht 0.2–0.5 m. Alt 915–2300 m. LIM, G, M
- teucrifolia** (Hochst.) Briq.
Ocimum teucrifolium Hochst. (1)
Orthosiphon teucrifolius (Hochst.) N.E.Br. var. *galpinianus* (Briq.) N.E.Br. (1)
Orthosiphon teucrifolius (Hochst.) N.E.Br. var. *teucrifolius* (1)
Orthosiphon woodii Gürke (1)
Perennial. Herb. Ht 0.15–0.3 m. Alt 765–2135 m. M, KZN, EC
- thorncroftii** (N.E.Br.) M.Ashby
Orthosiphon thorncroftii N.E.Br. (1)
Perennial. Herb. Ht 0.15–0.3 m. Alt 914–1675 m. M, S
- transvaalensis** (Schltr.) M.Ashby
Orthosiphon muddii N.E.Br. (1)
Orthosiphon transvaalensis Schltr. (1)
Perennial. Herb. Ht 0.3–1 m. Alt 701–1900 m. NW, M, S
- HOLOSTYLON** Robyns & J.-P.Lebrun 7350020
(1) Codd. 1985. *FSA* 28,4: 173.
- baumii** (Gürke) G.Taylor
Plectranthus baumii Gürke (1)
Perennial. Herb. Ht 1.2–2.5 m. Alt ± 1000 m. B
- HOSLUNDIA** Vahl 7357000
(1) Codd. 1985. *FSA* 28,4: 182,183.
(2) Retief & Herman. 1997. *Strelitzia* 6: 495.
- opposita** Vahl
H. opposita Vahl var. *decumbens* (Benth.) Baker (1)
H. opposita Vahl var. *verticillata* (Vahl) Baker (1)
Perennial. Herb. Ht 0.6–1.2 m. Alt 15–1525 m. N, B, LIM, M, S, KZN
- opposita* Vahl var. *decumbens* (Benth.) Baker = **H. opposita**
- opposita* Vahl var. *verticillata* (Vahl) Baker = **H. opposita**
- *HYPTIS** Jacq. 7342000
(1) Codd. 1985. *FSA* 28,4: 117–119.
(2) Retief & Herman. 1997. *Strelitzia* 6: 495.
- mutabilis** (A.Rich.) Briq.
H. mutabilis (A.Rich.) Briq. var. *spicata* (Poit.) Briq. (1)
Nepeta mutabilis A.Rich. (1)
Annual. Herb. Ht up to 1.5 m. Alt ± 800 m. KZN
- mutabilis* (A.Rich.) Briq. var. *spicata* (Poit.) Briq. = **H. mutabilis**
- pectinata** (L.) Poit.
Nepeta pectinata L. (1)
Perennial. Herb. Ht 0.6–2.3 m. Alt 10–1220 m. B, LIM, M, S, KZN
- spicigera** Lam.
Annual. Herb. Ht 0.5–2 m. Alt 600–1000 m. B, LIM
- IBOZA** N.E.Br. 7357010
- bainesii* N.E.Br. = **Tetradenia riparia**
- barberae* N.E.Br. = **Tetradenia barberae**
- brevispicata* N.E.Br. = **Tetradenia brevispicata**
- galpinii* N.E.Br. = **Tetradenia riparia**
- riparia* (Hochst.) N.E.Br. = **Tetradenia riparia**
- KALAHARIA** Baill. 7187000
- uncinata* (Schinz) Moldenke = **Rotheca uncinata**
- KAROMIA** Dop 7192010
(1) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 49.
(2) Fernandes. 1985. *Garcia de Orla* 7,1, 2: 33–46.
(3) Retief & Herman. 1997. *Strelitzia* 6: 642.
- speciosa** (Hutch. & Corbishley) R.Fern. forma **flava** (Moldenke) R.Fern.
Perennial. Shrub. Ht 1–3.5 m. Alt ± 200 m. M
- speciosa** (Hutch. & Corbishley) R.Fern. forma **speciosa**
Holmskioldia speciosa Hutch. & Corbishley (2)
Holmskioldia tettensis of authors not of (Klotzsch) Vatke, concept invalid (2)
Perennial. Shrub. Ht 4–6 m. Alt 152–1220 m. LIM, G, M, S, KZN
- *LAMIUM** L. 7271000
(1) Codd. 1985. *FSA* 28,4: 46, 47.
(2) Retief & Herman. 1997. *Strelitzia* 6: 495.
- amplexicaule** L.
Annual. Herb. Ht 0.1–0.4 m. Alt 516–1700 m. G, FS, L, NC, WC, EC
- LASIOCORYS** Benth. 7268010
- capensis* Benth. = **Leucas capensis**
- eenii* (Hiern) Baker = **Acrotome inflata**
- pechuelii* Kuntze = **Leucas pechuelii**
- LEONOTIS** (Pers.) R.Br. 7264000
(1) Dyer. 1942. *The Flowering Plants of South Africa* 22: t. 876.
(2) Iwarsson. 1985. *FSA* 28,4: 31–37.
(3) Vos. 1995. *A systematic study of Leonotis (Pers.) R.Br. (Lamiaceae) in southern Africa*. Unpublished Ph.D. thesis, University of Natal, Pietermaritzburg.

(4) Retief & Herman. 1997. *Strelitzia* 6: 495, 496.

(5) Goldblatt & Manning. 2000. *Strelitzia* 9: 530.

africanus Mill. = **L. leonurus**

bachmannii Gürke = **L. intermedia**

brevipes Skan = **L. intermedia**

dinteri Briq. = **L. schinzii**

dubia E.Mey.

L. galpinii Skan (3)

L. laxifolia MacOwan (3)

L. laxifolia MacOwan forma *pilosa* Gürke (3)

L. mollis Benth. var. *albiflora* Skan (3)

L. urticifolia Briq. (3)

L. westae Skan (3)

Perennial. Shrub. Ht 1.5–3 m. Alt 182–2000 m. S, KZN, EC

dysophylla Benth. = **L. intermedia**

galpinii Skan = **L. dubia**

grandiflorus Moench = **L. leonurus**

hereroensis Briq. = **L. schinzii**

intermedia Lindl.

L. bachmannii Gürke (3)

L. brevipes Skan (3)

L. dysophylla Benth. (3)

L. intermedia Lindl. var. *natalensis* Skan (3)

L. malacophylla Gürke (3)

Perennial. Shrub. Ht 0.5–1.5 m. Alt 100–2100 m. LIM, G, M, S, FS, KZN, EC

intermedia Lindl. var. *natalensis* Skan = **L. intermedia**

kwebensis N.E.Br. = **L. nepetifolia**

latifolia Gürke = **L. ocymifolia**

laxifolia MacOwan = **L. dubia**

laxifolia MacOwan forma *pilosa* Gürke = **L. dubia**

leonitis R.Br. var. *hirtiflora* (Benth.) Skan = **L. ocymifolia**

leonitis R.Br. var. *leonitis* = **L. ocymifolia**

leonurus (L.) R.Br.

L. africanus Mill. (3)

L. grandiflorus Moench (3)

L. leonurus (L.) R.Br. var. *albiflora* Benth. (3)

Phlomis leonurus L. (3)

Perennial. Shrub. Ht 2–5 m. Alt 5–1980 m. LIM, M, KZN, WC, EC

leonurus (L.) R.Br. var. *albiflora* Benth. = **L. leonurus**

malacophylla Gürke = **L. intermedia**

microphylla Skan = **L. randii**

mollis Benth. var. *albiflora* Skan = **L. dubia**

mollis Benth. var. *mollis* = **L. ocymifolia**

nepetifolia (L.) R.Br.

L. kwebensis N.E.Br. (3)

Phlomis nepetifolia L. (3)

Perennial. Herb. Ht 1–3 m. Alt 151–1065 m. N, B, LIM, G, M, S

ocymifolia (Burm.f.) Iwarsson

L. latifolia Gürke (3)

L. leonitis R.Br. var. *hirtiflora* (Benth.) Skan (3)

L. leonitis R.Br. var. *leonitis* (3)

L. mollis Benth. var. *mollis* (3)

L. ocymifolia (Burm.f.) Iwarsson var. *raineriana* (Vis.) Iwarsson (3)

L. parvifolia Benth. (3)

L. raineriana Vis. (3)

Leonurus minor Boerh. (3)

Phlomis leonitis L. (3)

Phlomis ocymifolia Burm.f. (3)

Perennial. Shrub. Ht 0.5–1.5 m. Alt 800–1800 m. LIM, NW, G, M, NC, WC, EC

ocymifolia (Burm.f.) Iwarsson var. *raineriana* (Vis.) Iwarsson = **L. ocymifolia**

ocymifolia (Burm.f.) Iwarsson var. *schinzii* (Gürke) Iwarsson = **L. schinzii**

parvifolia Benth. = **L. ocymifolia**

raineriana Vis. = **L. ocymifolia**

randii S.Moore

L. microphylla Skan (3)

Perennial. Shrub. Ht 0.3–0.8 m. Alt 1000–1600 m. B, LIM, G, M, FS

schinzii Gürke

L. dinteri Briq. (3)

L. hereroensis Briq. (3)

L. ocymifolia (Burm.f.) Iwarsson var. *schinzii* (Gürke) Iwarsson (3)

Perennial. Shrub. Ht 1–2 m. Alt 900–2000 m. N, LIM, NW, G, M

urticifolia Briq. = **L. dubia**

westae Skan = **L. dubia**

LEONURUS L.

7273000

minor Boerh. = **Leonotis ocymifolia**

LEUCAS Burm. ex R.Br.

7268000

(1) Codd. 1985. *FSA* 28,4: 38–45.

(2) Retief & Herman. 1997. *Strelitzia* 6: 496.

(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 530.

altissima Engl. = **L. pechuelii**

capensis (Benth.) Engl.

Lasiocorys capensis Benth. (1)

Perennial. Dwarf shrub. Ht 0.25–1.5 m. Alt 30–1465 m. N, B, LIM, NW, G, M, S, KZN, NC, EC

dinteri Briq. = **L. glabrata** var. **glabrata**

ebracteata Peyr. var. **kaokoveldensis** Sebald

Annual. Herb. Ht 0.3–0.8 m. Alt 1100–1340 m. N

fleckii Gürke = **Acrotome fleckii**

glabrata (Vahl) Sm. var. **glabrata**

L. dinteri Briq. (1)

L. junodii Briq. (1)

L. natalensis Sond. (1)

Phlomis glabrata Vahl (1)

Perennial. Herb. Ht 0.25–0.8 m. Alt 30–1350 m. N, B, LIM, NW, M, S, KZN, EC

glabrata (Vahl) Sm. var. **linearis** Codd

Perennial. Herb, short-lived. Ht 0.3–0.5 m. Alt ± 1000 m. LIM

indica (L.) Vatke = **L. lavandulifolia**

junodii Briq. = **L. glabrata** var. **glabrata**

lavandulifolia Sm.

L. indica (L.) Vatke (1)

Annual. Herb. Ht 0.6–1 m. Alt 5–155 m. KZN

martinicensis (Jacq.) R.Br.

Clinopodium martinicense Jacq. (1)

Annual. Herb. Ht 0.15–1.2 m. Alt 120–1705 m. N, B, LIM, NW, G, M, S, FS, KZN

natalensis Sond. = **L. glabrata** var. **glabrata**

neuflyzeana Courbon

Annual, occ. perennial. Herb. Ht 0.15–0.4 m. Alt 441–1530 m. B, LIM, NW, G, M, S, KZN, NC

- pechuelii** (Kuntze) Gürke
Lasiocorys pechuelii Kuntze (1)
L. altissima Engl. (1)
 Perennial. Shrub. Ht 0.25–1 m. Alt 600–1675 m. N
- sexdentata** Skan
 Annual. Herb. Ht 0.15–0.6 m. Alt 109–1465 m. B,
 LIM, NW, M
- *MARRUBIUM L.** 7238000
 (1) Codd. 1985. *FSA* 28,4: 24, 25.
africanum L. = **Ballota africana**
vulgare L.
 Perennial. Herb. Ht 0.3–0.6 m. Alt 5–1830 m. L, EC
- MENTHA L.** 7328000
 (1) Codd. 1985. *FSA* 28,4: 107–111.
 (2) Retief & Herman. 1997. *Strelitzia* 6: 496, 497.
- aquatica** L.
M. dumetorum Schult. var. *natalensis* Briq. (2)
 Perennial. Herb, rhizomatous, procumbent. Length
 0.8–1.5 m. Alt 5–2135 m. N, LIM, NW, G, M, S,
 KZN, L, NC, WC, EC
- capensis* Thunb. = **M. longifolia** subsp. **capensis**
dumetorum Schult. var. *natalensis* Briq. = **M. aquatica**
longifolia (L.) Huds. subsp. *bouvieri* (Briq.) Briq. = **M. longifolia** subsp. **capensis**
- longifolia** (L.) Huds. subsp. **capensis** (Thunb.) Briq.
M. capensis Thunb. (2)
M. longifolia (L.) Huds. subsp. *bouvieri* (Briq.) Briq. (2)
M. longifolia (L.) Huds. subsp. *capensis* (Thunb.) Briq. var. *cooperi*
 Briq. ex T.Cooke (2)
M. longifolia (L.) Huds. subsp. *capensis* (Thunb.) Briq. var. *dorato-*
phylla Briq. (2)
M. longifolia (L.) Huds. subsp. *capensis* (Thunb.) Briq. var.
obscuriceps Briq. (2)
M. longifolia (L.) Huds. subsp. *capensis* (Thunb.) Briq. var. *salicina*
 (Burch. ex Benth.) Briq. (2)
 Perennial. Herb. Ht ± 1.5 m. Alt 75–2590 m. NW, FS,
 L, NC, WC, EC
- longifolia* (L.) Huds. subsp. *capensis* (Thunb.) Briq. var.
cooperi Briq. ex T.Cooke = **M. longifolia** subsp.
capensis
- longifolia* (L.) Huds. subsp. *capensis* (Thunb.) Briq. var.
dorato-phylla Briq. = **M. longifolia** subsp. **capensis**
- longifolia* (L.) Huds. subsp. *capensis* (Thunb.) Briq. var.
obscuriceps Briq. = **M. longifolia** subsp. **capensis**
- longifolia* (L.) Huds. subsp. *capensis* (Thunb.) Briq. var.
salicina (Burch. ex Benth.) Briq. = **M. longifolia**
 subsp. **capensis**
- longifolia** (L.) Huds. subsp. **polyadena** (Briq.) Briq.
M. sylvestris L. subsp. *polyadena* Briq. (2)
 Perennial. Herb. Ht ± 1.5 m. Alt 120–1980 m. LIM, G,
 M, S, FS, KZN, L, WC, EC
- longifolia** (L.) Huds. subsp. **wissii** (Launert) Codd
M. wissii Launert (2)
 Perennial. Herb. Ht ± 1.5 m. Alt 700–1400 m. N, NC,
 WC
- sylvestris* L. subsp. *polyadena* Briq. = **M. longifolia** subsp.
polyadena
- wissii* Launert = **M. longifolia** subsp. **wissii**
- MICROMERIA** Benth. 7305010
biflora (Buch.-Ham. ex D.Don) Benth. = **Satureja bi-**
flora
- grandiflora* Killick = **Satureja grandibracteata**
pilosa Benth. = **Satureja reptans**
- MOSCHOSMA** Rchb. 7364010
polystachyon (L.) Benth. = **Basilicum polystachyon**
riparium Hochst. = **Tetradenia riparia**
- NAUTOCHILUS** Bremek. 7367020
amabilis Bremek. = **Orthosiphon amabilis**
breyeri Bremek. = **Orthosiphon labiatus**
labiatus (N.E.Br.) Bremek. = **Orthosiphon labiatus**
urticaefolia Bremek. = **Orthosiphon labiatus**
- NEOHYPTIS** J.K.Morton 7347010
 (1) Codd. 1985. *FSA* 28,4: 135.
paniculata (Baker) J.K.Morton
Geniosporum paniculatum Baker (1)
 Annual. Herb. Ht ± 2 m. Alt ± 900 m. B
- NEOMUELLERA** Briq. 7356000
damarensis S.Moore = **Plectranthus hereroensis**
- NEPETA** L. 7247000
mutabilis A.Rich. = **Hyptis mutabilis**
pectinata L. = **Hyptis pectinata**
- OCIMUM** L. 7366000
 (1) Codd. 1985. *FSA* 28,4: 219–222.
 (2) Paton. 1992. *Kew Bulletin* 47: 403–435.
 (3) Retief & Herman. 1997. *Strelitzia* 6: 497.
- angustifolium* Benth. = **Becium angustifolium**
bracteosum Benth. = **Hemizygia bracteosa**
burchellianum Benth. = **Becium burchellianum**
fissilabrum Briq. = **Becium filamentosum**
galpinii Gürke = **Becium obovatum** subsp. **obovatum**
 var. **galpinii**
- gratissimum** L. subsp. **gratissimum** var. **gratissimum**
O. micranthum Dinter ex Launert, naked name (2)
O. suave Willd. (2)
O. urticifolium Roth subsp. *urticifolium* (2)
 Perennial. Herb. Ht 0.3–1.2 m. Alt 150–1400 m. N, B,
 LIM, NW, G, M, S, KZN
- hadiense* Forssk. = **Plectranthus hadiense** var. **hadien-**
sis
- knyanum* Vatke = **Becium filamentosum**
micranthum Dinter ex Launert, naked name = **O. gratis-**
simum subsp. **gratissimum** var. **gratissimum**
- natalense** Ayob. ex A.J.Paton
O. natalense Ayob., naked name (2)
O. urticifolium Roth subsp. *caryophyllum* Codd (2)
 Perennial. Shrub. Ht 1–2 m. Alt 5–100 m. KZN
- natalense* Ayob., naked name = **O. natalense**
obovatum E.Mey. ex Benth. = **Becium obovatum** subsp.
obovatum var. **obovatum**
- obtusifolium* E.Mey. ex Benth. = **Endostemon obtusi-**
folius
- polystachyon* L. = **Basilicum polystachyon**
rautanenii Briq. = **Becium filamentosum**

stenoglossum Briq. = **Becium filamentosum**
suave Willd. = **O. gratissimum** subsp. **gratissimum**
 var. **gratissimum**
suffrutescens Thonn. = **Orthosiphon suffrutescens**
tereticaule Poir. = **Endostemon tereticaulis**
teucrifolium Hochst. = **Hemizygia teucrifolia**
urticifolium Roth subsp. *caryophyllatum* Codd = **O. natalense**
urticifolium Roth subsp. *urticifolium* = **O. gratissimum**
 subsp. **gratissimum** var. **gratissimum**
verticillatum L.f. = **Plectranthus verticillatus**

ORTHOSIPHON Benth. 7367000

- (1) Verdoorn. 1943. *The Flowering Plants of South Africa* 23: t. 901.
- (2) Codd. 1972. *The Flowering Plants of Africa* 42: t. 1657.
- (3) Codd. 1976. *The Flowering Plants of Africa* 43: t. 1697.
- (4) Codd. 1985. *FSA* 28,4: 229–236.
- (5) Retief & Herman. 1997. *Strelitzia* 6: 497, 498.

affinis N.E.Br. = **Hemizygia canescens**
albiflorus N.E.Br. = **Hemizygia albiflora**
amabilis (Bremek.) Codd
Nautochilus amabilis Bremek. (4)
 Perennial. Shrub. Ht 0.6–0.9 m. Alt 560–1065 m.
 LIM, M
ambiguus Bolus = **Plectranthus ambiguus**
australis Vatke = **O. suffrutescens**
bolusii N.E.Br. = **Hemizygia bolusii**
bracteosus (Benth.) Baker = **Hemizygia bracteosa**
canescens Gürke = **Hemizygia canescens**
decipiens N.E.Br. = **Hemizygia albiflora**
elliottii Baker = **Hemizygia elliottii**
engleri Perkins = **Hemizygia petrensis**
foliosus (S.Moore) N.E.Br. = **Hemizygia foliosa**
fruticosus Codd
 Perennial. Shrub. Ht 0.5–1.2 m. Alt 304–1280 m.
 LIM, M
gerrardii N.E.Br. = **Hemizygia gerrardii**
holubii N.E.Br. = **Hemizygia petrensis**
inconcinnus Briq. = **O. suffrutescens**
labiatus N.E.Br.
Nautochilus breyeri Bremek. (4)
Nautochilus labiatus (N.E.Br.) Bremek. (4)
Nautochilus urticaefolia Bremek. (4)
 Perennial. Shrub. Ht 0.6–1.8 m. Alt 305–2130 m.
 LIM, NW, M, S, KZN
latidens N.E.Br. = **Syncolostemon latidens**
linearis Benth. = **Hemizygia linearis**
macranthus Gürke = **Syncolostemon macranthus**
macrophyllus (Gürke) N.E.Br. = **Hemizygia macrophylla**
messinensis R.D.Good = **Hemizygia elliottii**
muddii N.E.Br. = **Hemizygia transvaalensis**
persimilis N.E.Br. = **Hemizygia persimilis**
petrensis Hiern = **Hemizygia petrensis**
pretoriae Gürke = **Hemizygia pretoriae** subsp. **pretoriae**
pseudoserratus M.Ashby

Perennial. Dwarf shrub. Ht ± 0.3 m. Alt 1450–1600 m.
 LIM

rehmannii Gürke = **Hemizygia rehmannii**
rogersii N.E.Br. = **Hemizygia persimilis**
rubicundus (D.Don) Benth.
Plectranthus rubicundus D.Don (4)
 Perennial. Herb. Ht 0.25–0.6 m. Alt 700–1000 m. LIM
schinzianus Briq. = **Hemizygia bracteosa**
serratus Schltr.
 Perennial. Shrub. Ht 0.3–0.9 m. Alt 185–2000 m. M,
 S, KZN
stenophyllus Gürke = **Hemizygia stenophylla**
subvelutinus Gürke = **Hemizygia subvelutina**
suffrutescens (Thonn.) J.K.Morton
Ocimum suffrutescens Thonn. (4)
O. australis Vatke (4)
O. inconcinnum Briq. (4)
O. wilmsii Gürke var. *komghensis* N.E.Br. (4)
O. wilmsii Gürke var. *wilmsii* (4)
 Perennial. Herb. Ht 0.15–0.6 m. Alt 20–1405 m. B,
 LIM, NW, G, M, S, KZN

tenuiflorus Benth. = **Endostemon tenuiflorus**
teucrifolius (Hochst.) N.E.Br. var. *galpinianus* (Briq.)
 N.E.Br. = **Hemizygia teucrifolia**
teucrifolius (Hochst.) N.E.Br. var. *teucrifolius* = **Hemizygia teucrifolia**
thorncroftii N.E.Br. = **Hemizygia thorncroftii**
transvaalensis Schltr. = **Hemizygia transvaalensis**
tubiformis R.D.Good
 Perennial. Shrub. Ht 0.3–0.9 m. Alt 1000–1800 m.
 LIM
varians N.E.Br. = **Hemizygia petrensis**
vernalis Codd
 Perennial. Herb. Ht 0.2–0.3 m. Alt 762–915 m. S
wilmsii Gürke var. *komghensis* N.E.Br. = **O. suffrutescens**
wilmsii Gürke var. *wilmsii* = **O. suffrutescens**
woodii Gürke = **Hemizygia teucrifolia**

PHLOMIS L. 7266000

glabrata Vahl = **Leucas glabrata** var. **glabrata**
leonitis L. = **Leonotis ocymifolia**
leonurus L. = **Leonotis leonurus**
nepetifolia L. = **Leonotis nepetifolia**
ocymifolia Burm.f. = **Leonotis ocymifolia**

PLATOSTOMA P.Beauv. 7360000

- (1) Codd. 1985. *FSA* 28,4: 214, 215.
- (2) Paton. 1997. *Kew Bulletin* 52: 257–292.
- (3) Retief & Herman. 1997. *Strelitzia* 6: 493.

rotundifolium (Briq.) A.J.Paton
Gentiosporum angolense Briq. (2)
 Perennial. Shrub. Ht 0.5–1.2 m. Alt 765–1890 m.
 LIM, G, M, S

PLECTRANTHUS L'Hér. 7350000

- (1) Phillips. 1928. *The Flowering Plants of South Africa* 8: t. 294.
- (2) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 960.
- (3) Dyer & Bruce. 1949. *The Flowering Plants of Africa* 27: t. 1073.
- (4) Verdoorn. 1949. *The Flowering Plants of Africa* 27: t. 1051.

- (5) Dyer & Bruce. 1951. *The Flowering Plants of Africa* 28: t. 1110.
 (6) Lewis. 1951. *The Flowering Plants of Africa* 28: t. 1109.
 (7) Codd. 1957. *The Flowering Plants of Africa* 32: t. 1244.
 (8) Codd. 1963. *The Flowering Plants of Africa* 36: t. 1417.
 (9) Codd. 1971. *The Flowering Plants of Africa* 41: t. 1601.
 (10) Codd. 1972. *The Flowering Plants of Africa* 42: t. 1646.
 (11) Agnew. 1974. *Upland Kenya wild flowers*: 633–640.
 (12) Codd. 1977. *The Flowering Plants of Africa* 44: tt. 1728, 1729.
 (13) Codd. 1979. *The Flowering Plants of Africa* 45: t. 1791.
 (14) Codd. 1979. *The Flowering Plants of Africa* 46: t. 1809.
 (15) Codd. 1982. *The Flowering Plants of Africa* 47: tt. 1854, 1855.
 (16) Codd. 1984. *The Flowering Plants of Africa* 48: tt. 1887, 1888.
 (17) Codd. 1985. *The Flowering Plants of Africa* 48: tt. 1903–1905.
 (18) Codd. 1985. *FSA* 28,4: 137–172.
 (19) Van Jaarsveld & Edwards. 1991. *The Flowering Plants of Africa* 51: t. 2034.
 (20) Van Jaarsveld & Edwards. 1997. *Bothalia* 27: 1–6.
 (21) Van Jaarsveld & Hankey. 1997. *Aloe* 34: 40, 41.
 (22) Retief & Herman. 1997. *Strelitzia* 6: 498–501.
 (23) Goldblatt & Manning. 2000. *Strelitzia* 9: 531.

aliciae (Codd) Van Jaarsv. & T.J.Edwards

P. madagascariensis (Pers.) Benth. var. *aliciae* Codd (20)

Perennial. Herb, decumbent, semisucculent. Ht 0.4–0.5 m. Alt ± 400 m. KZN, EC

ambiguus (Bolus) Codd

Orthosiphon ambiguus Bolus (20)

P. coloratus E.Mey. ex Benth. in part (18)

P. dregei Codd (18)

Perennial. Dwarf shrub, herb. Ht 0.4–1.2 m. Alt 5–1645 m. G, M, S, KZN, EC

amboinicus (Lour.) Spreng.

Coleus amboinicus Lour. (18)

Perennial. Herb, decumbent, succulent. Length up to 1.5 m. Alt 60–155 m. KZN

amboinicus of author, not of (Lour.) Spreng. = **P. unguentarius**

arthropodus Briq. = **P. fruticosus**

aurifer Dinter ex Launert = **P. hereroensis**

***barbatus** Andrews

Coleus barbatus (Andrews) Benth. (18)

Perennial. Shrub, herb. Ht ± 3 m. Alt 213–1075 m. LIM, G, S, WC, EC

baumii Gürke = **Holostylon baumii**

behrii Compton = **P. fruticosus**

calycinus Benth. var. *calycinus* = **Rabdosiella calycina**

calycinus Benth. var. *pachystachyus* (Briq.) T.Cooke = **Rabdosiella calycina**

candelabriformis Launert

Perennial. Herb. Ht ± 1 m. Alt ± 2135 m. N

caninus Roth

Coleus caninus (Roth) Vatke (18)

Coleus omahekense Dinter (18)

Perennial. Herb, succulent. Ht 0.15–0.4 m. Alt 1000–1200 m. N, LIM, NW

chiaranthus Briq. = **P. fruticosus**

ciliatus E.Mey. ex Benth.

P. natalensis Gürke (18)

Perennial. Herb. Ht up to 0.6 m. Alt 15–1730 m. LIM, G, S, KZN, WC, EC

coloratus E.Mey. ex Benth. in part = **P. ambiguus**

cooperi T.Cooke in part = **P. dolichopodus**

cooperi T.Cooke in part = **P. grallatus**

cylindraceus Hochst. ex Benth.

P. densiflorus T.Cooke (18)

P. glomeratus R.A.Dyer (18)

P. spiciformis R.A.Dyer (18)

P. villosus T.Cooke (18)

Perennial. Herb, succulent. Ht 0.6–1.5 m. Alt 152–3250 m. N, B, NW, G, M, S, KZN

densiflorus T.Cooke = **P. cylindraceus**

dinteri Briq.

P. zatarhendi in sense of Launert & A.Schreib., misapplied name (18)

Perennial. Herb, succulent. Ht ± 0.4 m. Alt 410–1830 m. N

dolichopodus Briq.

P. cooperi T.Cooke in part (18)

Perennial. Herb. Ht 0.25–1 m. Alt 765–1830 m. LIM, M, KZN, EC

dolomiticus Codd

Perennial. Herb, succulent. Ht up to 0.3 m. Alt ± 1000 m. LIM

draconis Briq. = **P. hadiensis** var. **woodii**

dregei Codd = **P. ambiguus**

ecklonii Benth.

Perennial. Shrub. Ht 0.7–2.5 m. Alt 30–1525 m. M, KZN, EC

elegantulus Briq.

Perennial. Herb. Ht 0.2–0.5 m. Alt 1350–3000 m. KZN

ernstii Codd

Perennial. Herb, procumbent, succulent. Ht up to 2 m. Alt ± 350 m. KZN, EC

esculentus N.E.Br.

P. floribundus N.E.Br. (18)

Perennial. Herb, succulent. Ht 0.06–1.2 m. Alt 600–1370 m. B, LIM, M, S, KZN

floribundus N.E.Br. = **P. esculentus**

fruticosus L'Hér.

P. arthropodus Briq. (18)

P. behrii Compton (18)

P. chiaranthus Briq. (18)

P. galpinii Schltr. (18)

P. peglerae T.Cooke (18)

Perennial. Shrub, herb. Ht 0.6–2 m. Alt 2–2012 m. LIM, G, M, S, KZN, WC, EC

galpinii Schltr. = **P. fruticosus**

glomeratus R.A.Dyer = **P. cylindraceus**

grallatus Briq.

P. cooperi T.Cooke in part (18)

P. krookii Gürke ex Zahlbr. (18)

P. natalensis Gürke forma *glandulosa* E.Phillips (18)

P. praetervisus Briq. (18)

P. transvaalensis Briq. var. *grandifolia* T.Cooke (18)

P. transvaalensis Briq. var. *transvaalensis* (18)

Perennial. Herb. Ht 0.4–1.5 m. Alt 565–2200 m. LIM, G, M, FS, KZN, L, EC

grandidentatus Gürke

Perennial. Herb, procumbent, succulent. Length up to 2 m. Alt 335–1775 m. LIM, M, S, KZN, EC

hadiensis (Forssk.) Schweinf. ex Spreng. var. **hadiensis**

Ocimum hadiense Forssk. (18)

P. pachyphyllus Gürke ex T.Cooke (18)

P. zatarhendi in sense of Codd var. *zatarhendi* in sense of Codd, misapplied name (18)

Perennial. Herb, succulent. Ht 0.5–1.5 m. Alt 420–2195 m. LIM, G, M, S, KZN

hadiensis (Forssk.) Schweinf. ex Spreng. var. **tomentosus** (Benth.) Codd

P. tomentosus Benth. (18)

P. zatarhendi in sense of Codd var. *tomentosus* (Benth.) Codd, misapplied name (18)

- Perennial. Herb, succulent. Ht 0.5–1.5 m. Alt 30–1800 m. LIM, M, S, KZN, EC
- hadiensis** (Forssk.) Schweinf. ex Spreng. var. **woodii** (Gürke) Codd
P. draconis Briq. (18)
P. woodii Gürke (18)
P. zatarhendi in sense of Codd var. *woodii* (Gürke) Codd, misapplied name (18)
- Perennial. Herb, succulent. Ht 0.5–1.5 m. Alt 100–1700 m. LIM, M, KZN, EC
- hereroensis** Engl.
Neomuelleria damarensis S.Moore (18)
P. aurifer Dinter ex Launert (18)
P. myrianthus Briq. (18)
P. otaviensis Dinter (18)
- Annual, occ. perennial. Herb, semisucculent. Ht up to 1 m. Alt 305–1830 m. N, B, LIM, NW, G, KZN
- hilliardiae** Codd
 Perennial. Herb, succulent. Ht 0.3–0.4 m. Alt ± 200 m. KZN, EC
- hirtus** Benth. = **P. madagascariensis** var. **madagascariensis**
- hylophilus** of author, not of Gürke, concept invalid = **P. laxiflorus**
- krookii** Gürke ex Zahlbr. = **P. grallatus**
- kuntzeanus** Domin = **P. strigosus**
- kuntzei** Gürke = **P. petiolaris**
- laxiflorus** Benth.
P. hylophilus of author, not of Gürke, concept invalid (18)
 Perennial. Herb. Ht 0.7–1.5 m. Alt 15–1980 m. LIM, M, S, KZN, EC
- lucidus** Van Jaarsv. & T.J.Edwards
P. strigosus Benth. var. *lucidus* Benth. (20)
 Perennial. Herb, procumbent, succulent. Ht? Alt 60–133 m. EC
- madagascariensis** (Pers.) Benth. var. **aliciae** Codd = **P. aliciae**
- madagascariensis** (Pers.) Benth. var. **madagascariensis**
P. hirtus Benth. (18)
 Perennial. Herb, procumbent, decumbent, succulent. Ht up to 0.4 m. Alt 6–1676 m. M, S, KZN, EC
- madagascariensis** (Pers.) Benth. var. **ramosior** Benth.
 Perennial. Herb, succulent. Ht 0.2–0.35 m. Alt 560–1830 m. LIM, NW, G, M, S, FS, KZN, EC
- malvinus** Van Jaarsv. & T.J.Edwards
 Perennial. Herb, decumbent, succulent. Ht? Alt ± 500–600 m. EC
- mirabilis** (Briq.) Launert
Coleus mirabilis Briq. (18)
 Perennial. Herb. Ht 1–3.5 m. Alt ± 900 m. N
- mutabilis** Codd
 Perennial. Herb, procumbent, succulent. Length up to 0.4 m. Alt 1000–2230 m. LIM, G, M
- myrianthus** Briq. = **P. hereroensis**
- natalensis** Gürke = **P. ciliatus**
- natalensis** Gürke forma **glandulosa** E.Phillips = **P. grallatus**
- neglectus** Dinter = **Aeollanthus neglectus**
- neochilus** Schltr.
Coleus carnosus Dinter ex Elovson (18)
Coleus neochilus (Schltr.) Codd (18)
Coleus pentheri Gürke (18)
Coleus schinzii Gürke (18)
- Annual, occ. perennial. Herb, succulent. Ht 0.12–0.5 m. Alt 15–1800 m. N, B, LIM, NW, G, M, S, KZN, EC
- nummularius** Briq. = **P. verticillatus**
- oertendahlia** T.C.E.Fr.
 Perennial. Herb, succulent. Ht ± 0.2 m. Alt ± 100–450 m. KZN
- oribiensis** Codd
 Perennial. Herb. Ht ± 1.5 m. Alt ± 600 m. KZN
- otaviensis** Dinter = **P. hereroensis**
- pachyphyllus** Gürke ex T.Cooke = **P. hadiensis** var. **hadiensis**
- parviflorus** Gürke = **P. strigosus**
- peglerae** T.Cooke = **P. fruticosus**
- *ornatus** Codd
 Perennial. Herb, decumbent, succulent. Ht ± 0.2 m. Alt? Distr.?
- pentheri** (Gürke) Van Jaarsv. & T.J.Edwards
 Perennial. Herb, decumbent, succulent. Ht ± 0.1 m. Alt ± 530 m. EC
- petiolaris** E.Mey. ex Benth.
P. kuntzei Gürke (18)
 Perennial. Herb, succulent. Ht ± 1 m. Alt 50–500 m. M, KZN, EC
- praetermissus** Codd
 Perennial. Herb. Ht 0.2–0.5 m. Alt ± 200 m. EC
- praetervisus** Briq. = **P. grallatus**
- psammophilus** Codd
 Perennial. Herb, decumbent to procumbent, succulent. Length up to 0.5 m. Alt 175–700 m. KZN
- purpuratus** Harv. subsp. **montanus** Van Jaarsv. & T.J.Edwards
 Perennial. Herb, procumbent to decumbent, succulent. Ht up to 0.2 m. Alt? M, KZN
- purpuratus** Harv. subsp. **purpuratus**
 Perennial. Herb. Ht ± 0.25 m. Alt 460–795 m. KZN
- purpuratus** Harv. subsp. **tongaensis** Van Jaarsv. & T.J.Edwards
 Perennial. Herb, procumbent, succulent. Ht/Length? Alt ± 90 m. KZN
- pyramidatus** Gürke = **Rabdosiella calycina**
- reflexus** Van Jaarsv. & T.J.Edwards
 Perennial. Herb, succulent. Ht 1–1.5 m. Alt ± 700 m. EC
- rehmannii** Gürke
 Perennial. Herb. Ht 0.6–1.2 m. Alt 826–1400 m. KZN
- rubicundus** D.Don = **Orthosiphon rubicundus**
- rubropunctatus** Codd
 Perennial. Herb. Ht ± 2 m. Alt 860–2100 m. LIM, G, M, S, KZN
- saccatus** Benth. var. **longitubus** Codd
 Perennial. Herb, succulent. Ht 0.5–1.2 m. Alt ± 480 m. KZN
- saccatus** Benth. var. **saccatus**
 Perennial. Herb, succulent. Ht 0.5–1.2 m. Alt 30–1150 m. KZN, EC
- saccatus** Benth. subsp. **pondoensis** Van Jaarsv. & Milstein

Perennial. Herb, trailing, succulent. Ht? Alt? KZN, EC
spicatus E.Mey. ex Benth.
P. subspicatus Hochst. (18)
 Perennial. Herb, succulent. Alt 25–1065 m. LIM, M, S, KZN, EC
spiciformis R.A.Dyer = **P. cylindraceus**
strigosus Benth.
P. kuntzeanus Domin (18)
P. parviflorus Gürke (18)
 Perennial. Herb, decumbent or erect, succulent. Length up to 0.3 m. Alt 15–1280 m. M, S, KZN, EC
strigosus Benth. var. *lucidus* Benth. = **P. lucidus**
subspicatus Hochst. = **P. spicatus**
succulentus R.A.Dyer & E.A.Bruce = **Thorncroftia succulenta**
swynnertonii S.Moore
 Perennial. Herb. Ht 0.4–0.75 m. Alt 765–1495 m. LIM
tetensis (Baker) Agnew
Coleus decumbens Gürke (18)
Coleus tetensis Baker (18)
Coleus vagatus E.A.Bruce (18)
P. vagatus (E.A.Bruce) Codd (18)
 Perennial. Herb, procumbent, succulent. Length up to 0.75 m. Alt 120–1440 m. B, LIM, M, S
tetragonus Gürke
 Annual. Herb. Ht 0.3–0.6 m. Alt 1000–3400 m. N, B, LIM, S
thorncroftii S.Moore = **Thorncroftia thorncroftii**
thunbergii Benth. = **P. verticillatus**
tomentosus Benth. = **P. hadiensis** var. **tomentosus**
transvaalensis Briq. var. *grandifolia* T.Cooke = **P. grallatus**
transvaalensis Briq. var. *transvaalensis* = **P. grallatus**
tysonii Gürke = **Solenostemon latifolius**
unguentarius Codd
P. amboinicus of author, not of (Lour.) Spreng. (18)
 Perennial. Herb, succulent. Ht 1–1.5 m. Alt ± 2135 m. N
vagatus (E.A.Bruce) Codd = **P. tetensis**
venteri Van Jaarsv. & Hankey
 Perennial. Herb, subshrub. Ht ± 0.7 m. Alt ± 1680 m. LIM
verticillatus (L.f.) Druce
Ocimum verticillatum L.f. (18)
P. nummularius Briq. (18)
P. thunbergii Benth. (18)
 Perennial. Herb, decumbent to procumbent, succulent. Ht up to 0.5 m. Alt 3–1770 m. LIM, G, M, S, KZN, WC, EC
villosus T.Cooke = **P. cylindraceus**
woodii Gürke = **P. hadiensis** var. **woodii**
xerophilus Codd
 Perennial. Shrub, succulent. Ht 1–1.7 m. Alt 312–1740 m. LIM, M
zatarhendi in sense of Codd var. *tomentosus* (Benth.) Codd, misapplied name = **P. hadiensis** var. **tomentosus**
zatarhendi in sense of Codd var. *woodii* (Gürke) Codd, misapplied name = **P. hadiensis** var. **woodii**

zatarhendi in sense of Codd var. *zatarhendi* in sense of Codd, misapplied name = **P. hadiensis** var. **hadiensis**
zatarhendi in sense of Launert & A.Schreib., misapplied name = **P. dinteri**
zuluensis T.Cooke
 Perennial. Herb. Ht 1–2 m. Alt 50–1160 m. S, KZN
PREMNA L. 7185000
 (1) Pieper. 1928. *Botanische Jahrbücher* 62, Beiblatt 142: 80.
 (2) Verdcourt. 1992. *FTEA* Verbenaceae: 68–82.
 (3) Retief & Herman. 1997. *Strelitzia* 6: 643.
mooiensis (H.Pearson) W.Piep.
Vitex mooiensis H.Pearson (1)
 Perennial. Tree. Ht ± 5 m. Alt 30–1370 m. LIM, NW, M, S, KZN, EC
senensis Klotzsch
 Perennial. Shrub. Ht ± 3 m. Alt ± 915 m. N
***PRUNELLA L.** 7254000
 (1) Codd. 1985. *FSA* 28,4: 28, 29.
vulgaris L.
 Perennial. Herb, straggling. Length up to 0.3 m. Alt 457–1850 m. KZN, WC, EC
PSEUDOCIMUM Briq. 7365010
trichocalyx Bremek. = **Endostemon tenuiflorus**
PYCNOSTACHYS Hook. 7347000
 (1) Phillips. 1933. *The Flowering Plants of South Africa* 13: t. 513.
 (2) Dyer. 1934. *The Flowering Plants of South Africa* 14: t. 560.
 (3) Phillips. 1940. *The Flowering Plants of South Africa* 20: t. 766.
 (4) Codd. 1985. *FSA* 28,4: 131–134.
 (5) Retief & Herman. 1997. *Strelitzia* 6: 501.
coerulea Hook.
 Perennial. Herb. Ht 0.6–1.2 m. Alt ± 1000 m. B
holophylla Briq. = **P. reticulata**
pubescens Gürke = **P. urticifolia**
purpurascens Briq. = **P. reticulata**
reticulata (E.Mey.) Benth.
Echinostachys reticulata E.Mey. (4, 6)
P. holophylla Briq. (4, 6)
P. purpurascens Briq. (4, 6)
P. reticulata (E.Mey.) Benth. var. *angustifolia* Benth. (4, 6)
P. schlechteri Briq. (4, 6)
 Perennial. Herb. Ht 0.2–2 m. Alt 10–2134 m. LIM, NW, G, M, S, FS, KZN, L, EC
reticulata (E.Mey.) Benth. var. *angustifolia* Benth. = **P. reticulata**
schlechteri Briq. = **P. reticulata**
urticifolia Hook.
P. pubescens Gürke (4, 6)
 Perennial. Herb. Ht 1–2.5 m. Alt 490–1920 m. LIM, G, M
RABDOSIA Hassk. 7350010
calycina (Benth.) Codd = **Rabdosiella calycina**
RABDOSIELLA Codd 7350030
 (1) Codd. 1985. *FSA* 28,4: 175.
 (2) Retief & Herman. 1997. *Strelitzia* 6: 501.
calycina (Benth.) Codd
Plectranthus calycinus Benth. var. *calycinus* (1)
Plectranthus calycinus Benth. var. *pachystachyus* (Briq.) T.Cooke (1)

Plectranthus pyramidatus Gürke (1)
Rabdosia calycina (Benth.) Codd (1)
 Perennial. Herb. Ht 0.6–1.5 m. Alt 60–2285 m. LIM,
 M, S, FS, KZN, EC

ROTHECA Raf. 7191020

- (1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 19.
 (2) Meeuse. 1958. *The Flowering Plants of Africa* 32: t. 1274.
 (3) Fernandes. 1998. *Memórias da Sociedade Broteriana* 30: 5–109.
 (4) Steane & Mabberley. 1998. *Novon* 8: 204–206.
 (5) Fernandes & Verdcourt. 2000. *Kew Bulletin* 55: 147–154.
 (6) Herman & Retief. 2002. *Bothalia* 32: 81.

caerulea (N.E.Br.) P.P.J.Herman & Retief
Clerodendrum caeruleum N.E.Br. (6)
 Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 640–1005
 m. LIM, M, KZN

cuneiformis (Moldenke) P.P.J.Herman & Retief
Clerodendrum cuneatum Gürke illegitimate name (6)
Clerodendrum cuneiforme Moldenke (6)
Clerodendrum scheffleri Gürke var. *ellipticum* Moldenke (6)
 Perennial. Dwarf shrub or suffrutex. Ht? Alt 90–1800
 m. M, KZN

hirsuta (Hochst.) R.Fern. in broad sense
Clerodendrum hirsutum (Hochst.) H.Pearson (5)
Clerodendrum pearsonii Moldenke (3)
Clerodendrum triphyllum (Harv.) H.Pearson (5)
Cyclonema hirsutum Hochst. (5)
Cyclonema triphyllum Harv. (5)
 Perennial. Herb. Ht 0.1–0.5 m. Alt 70–2150 m. LIM,
 NW, G, M, S, FS, KZN, L, EC

louwalbertsii (P.P.J.Herman) P.P.J.Herman & Retief
Clerodendrum louwalbertsii P.P.J.Herman (6)
 Perennial. Herb. Ht 0.2–0.8 m. Alt 170–1850 m. LIM,
 NW, G, M, S, KZN

myricoides (Hochst.) Steane & Mabb. in broad sense
Clerodendrum dekindtii Gürke (3)
Clerodendrum dekindtii Gürke var. *dinteri* Thomas (3)
Clerodendrum discolor (Klotzsch) Vatke var. *oppositifolium*
 Thomas (3)
Clerodendrum myricoides (Hochst.) Vatke (4)
Clerodendrum myricoides (Hochst.) Vatke subsp. *namibiense*
 R.Fern. (5)
Clerodendrum schlechteri Gürke (3)
Cyclonema myricoides (Hochst.) Hochst. (4)
 Perennial. Shrub or tree. Ht 0.9–5 m. Alt 30–1800 m.
 N, B, LIM, NW, G, M, S, KZN

pilosa (H.Pearson) P.P.J.Herman & Retief
Clerodendrum pilosum H.Pearson (6)
 Perennial. Suffrutex. Length 0.15–0.4 m. Alt 305–610
 m. EC

uncinata (Schinz) P.P.J.Herman & Retief
Clerodendrum spinescens (Oliv.) Gürke, illegitimate name (6)
Clerodendrum uncinatum Schinz (6)
Kalaharia uncinata (Schinz) Moldenke (6)
 Perennial. Suffrutex. Ht 0.2–1.2 m. Alt 915–1310 m.
 N, B, NW

violacea (Gürke) Verdc.
Clerodendrum violaceum Gürke (5)
 Perennial. Shrub, scrambler. Ht 1–2.5 m. Alt 3–15 m.
 KZN

wildii (Moldenke) R.Fern. in broad sense
Clerodendrum wildii Moldenke forma *glabrum* R.Fern. (5)
 Perennial. Shrub or tree, succulent. Ht up to 3 m. Alt
 550–1020 m. B, LIM

SALVIA L. 7290000

- (1) Codd. 1956. *The Flowering Plants of Africa* 31: t. 1219.
 (2) Codd. 1957. *The Flowering Plants of Africa* 32: t. 1248.

- (3) Codd. 1966. *The Flowering Plants of Africa* 37: t. 1461.
 (4) Codd. 1985. *FSA* 28,4: 79–101.
 (5) Retief & Herman. 1997. *Strelitzia* 6: 501, 502.
 (6) Van Jaarsveld. 1999. *Bothalia* 29: 100–102.
 (7) Goldblatt & Manning. 2000. *Strelitzia* 9: 531, 532.

africana L. = **S. africana-caerulea**

africana-caerulea L.
S. africana L. (4)
S. lanuginosa Burm.f. (4)
S. undulata Benth. (4)
 Perennial. Shrub. Ht 0.6–2 m. Alt 20–1097 m. NC,
 WC, EC

africana-lutea L.
S. aurea L. (4)
S. eckloniana Benth. (4)
 Perennial. Shrub. Ht up to 2 m. Alt 4–755 m. NC, WC,
 EC

albicaulis Benth.
S. albicaulis Benth. var. *dregeana* (Benth.) Skan (4)
 Perennial. Herb. Ht 0.3–0.6 m. Alt 60–900 m. WC

albicaulis Benth. var. *dregeana* (Benth.) Skan = **S. albi-**
caulis

aurea L. = **S. africana-lutea**

aurita L.f. var. *aurita*
S. lasiostachys Benth. (4)
S. pallidiflora Skan (4)
S. peglerae Skan (4)
 Perennial. Herb, straggling. Length up to 1.2 m. Alt
 5–1405 m. LIM, KZN, WC, EC

aurita L.f. var. *galpinii* (Skan) Hedge
S. galpinii Skan (4)
 Perennial. Herb, straggling. Length up to 1.2 m. Alt
 610–1675 m. M, S, KZN, EC

burchellii N.E.Br. var. *burchellii* = **S. namaensis**

burchellii N.E.Br. var. *hispidula* Skan = **S. namaensis**

chamelaeagnea P.J.Bergius
S. paniculata L. (4)
 Perennial. Shrub. Ht 0.6–2 m. Alt 15–1100 m. NC,
 WC

chlorophylla Briq. = **S. stenophylla**
clandestina L. var. *angustifolia* Benth. = **S. verbenaca**
clandestina L. var. *clandestina* = **S. verbenaca**

***coccinea** Etl.
S. coccinea Etl. var. *pseudococcinea* (Jacq.) A.Gray (4)
 Perennial. Herb. Ht 0.6–1.5 m. Alt 759–1524 m. N,
 LIM, G, M, S, KZN, EC

coccinea Etl. var. *pseudococcinea* (Jacq.) A.Gray = **S.**
coccinea

cooperi Skan = **S. repens** var. *repens*

dentata Aiton
 Perennial. Shrub. Ht 0.6–2 m. Alt 151–1525 m. NC,
 WC

dinteri Briq. = **S. garipensis**

disermas L.
S. fleckii Gürke (4)
S. rugosa Aiton (4)
S. rugosa Thunb. var. *angustifolia* Benth. (4)
S. rugosa Thunb. var. *rugosa* (4)
 Perennial. Shrub, herb. Ht 0.3–1.2 m. Alt 360–1555 m.
 N, NW, G, FS, NC, EC

dolomitica Codd
 Perennial. Shrub. Ht 1–2 m. Alt 1150–1900 m. LIM,
 M

eckloniana Benth. = **S. africana-lutea**

fleckii Gürke = **S. disermas**

galpinii Skan = **S. aurita** var. **galpinii**

garipensis E.Mey. ex Benth.

S. dinteri Briq. (4)

S. steingroeveri Briq. (4)

Perennial. Shrub. Ht 0.6–1.2 m. Alt 630–2200 m. N, NC

granitica Hochst.

Perennial. Herb, stoloniferous. Length up to 0.6 m. Alt ± 600–1000 m. WC

hastifolia Benth. = **S. lanceolata**

lanceolata Lam.

S. hastifolia Benth. (4)

S. nivea Thunb. (4)

Perennial. Shrub. Ht 1–2 m. Alt 15–1500 m. NC, WC

lanuginosa Burm.f. = **S. africana-caerulea**

lasiotachys Benth. = **S. aurita** var. **aurita**

monticola Benth. var. *angustiloba* Skan = **S. schlechteri**

monticola Benth. var. *monticola* = **S. runcinata**

muirii L.Bolus

S. muirii L.Bolus var. *grandiflora* L.Bolus (4)

Perennial. Shrub. Ht 0.3–0.6 m. Alt ± 300 m. WC

muirii L.Bolus var. *grandiflora* L.Bolus = **S. muirii**

namaensis Schinz

S. burchellii N.E.Br. var. *burchellii* (4)

S. burchellii N.E.Br. var. *hispidula* Skan (4)

Perennial. Shrub. Ht 0.3–1.2 m. Alt 366–1465 m. N, LIM, NW, FS, NC, WC

nivea Thunb. = **S. lanceolata**

obtusata Thunb.

Perennial. Herb. Ht up to 0.5 m. Alt ± 200 m. EC

pallida Dinter ex Engl. = **S. stenophylla**

pallidiflora Skan = **S. aurita** var. **aurita**

paniculata L. = **S. chamelaeagnea**

peglerae Skan = **S. aurita** var. **aurita**

radula Benth.

Perennial. Herb. Ht 0.3–0.75 m. Alt 1300–1900 m. LIM, NW

raphanifolia Benth. = **S. repens** var. **repens**

***reflexa** Hornem.

Annual. Herb. Ht 0.5–0.75 m. Alt 549–2100 m. LIM, NW, FS, KZN, L, EC

repens Burch. ex Benth. var. **keiensis** Hedge

Perennial. Herb. Ht 0.25–0.8 m. Alt 900–1560 m. EC

repens Burch. ex Benth. var. **repens**

S. cooperi Skan (4)

S. raphanifolia Benth. (4)

S. rudis Benth. (4)

S. woodii Gürke (4)

Perennial. Herb. Ht 0.25–0.8 m. Alt 15–2440 m. LIM, NW, G, M, FS, KZN, L, WC, EC

repens Burch. ex Benth. var. **transvaalensis** Hedge

Perennial. Herb. Ht 0.25–0.8 m. Alt 1600–1850 m. NW, G, M, FS

rudis Benth. = **S. repens** var. **repens**

rugosa Aiton = **S. disermas**

rugosa Thunb. var. *angustifolia* Benth. = **S. disermas**

rugosa Thunb. var. *rugosa* = **S. disermas**

runcinata L.f.

S. monticola Benth. var. *monticola* (4)

S. runcinata L.f. var. *grandiflora* Skan (4)

S. runcinata L.f. var. *nana* Skan (4)

S. sisymbrifolia Skan (4)

Perennial. Herb. Ht 0.15–0.7 m. Alt 155–2135 m. LIM, NW, G, M, FS, KZN, L, WC, EC

runcinata L.f. var. *grandiflora* Skan = **S. runcinata**

runcinata L.f. var. *nana* Skan = **S. runcinata**

scabra L.f.

Perennial. Herb. Ht 0.3–1 m. Alt 15–450 m. EC

schlechteri Briq.

S. monticola Benth. var. *angustiloba* Skan (4)

Perennial. Herb. Ht up to 0.3 m. Alt ± 800 m. EC

sisymbrifolia Skan = **S. runcinata**

steingroeveri Briq. = **S. garipensis**

stenophylla Burch. ex Benth.

S. chlorophylla Briq. (4)

S. pallida Dinter ex Engl. (4)

S. stenophylla Burch. ex Benth. var. *subintegra* Skan (4)

Perennial. Herb. Ht 0.2–0.6 m. Alt 364–2150 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

stenophylla Burch. ex Benth. var. *subintegra* Skan = **S. stenophylla**

thermarum Van Jaarsv.

Perennial. Shrub. Ht up to 1 m. Alt ± 600 m. WC

***tiliifolia** Vahl

Annual. Herb. Ht 0.4–0.6 m. Alt ± 1505 m. NW, G

triangularis Thunb.

Perennial. Herb. Ht 0.15–0.5 m. Alt 20–1950 m. EC

tysonii Skan

Perennial. Herb. Ht up to 4 m. Alt 765–1435 m. KZN, EC

undulata Benth. = **S. africana-caerulea**

verbenaca L.

S. clandestina L. var. *angustifolia* Benth. (4)

S. clandestina L. var. *clandestina* (4)

Perennial. Herb. Ht 0.15–0.4 m. Alt 45–1670 m. N, NW, FS, NC, WC, EC

woodii Gürke = **S. repens** var. **repens**

SATUREJA L.

7305000

(1) Codd. 1985. *FSA* 28,4: 103–106.

(2) Retief & Herman. 1997. *Strelitzia* 6: 502.

biflora (Buch.-Ham. ex D.Don) Briq.

Micromeria biflora (Buch.-Ham. ex D.Don) Benth. (1)

Thymus biflorus Buch.-Ham. ex D.Don (1)

Perennial. Herb. Ht 0.2–0.6 m. Alt 915–1740 m. LIM, NW, G, M, S, L, EC

compacta Killick

Perennial. Herb, procumbent. Length 0.15–0.3 m. Alt ± 2125 m. KZN

grandibracteata Killick

Micromeria grandiflora Killick (1)

Perennial. Herb. Ht 0.2–0.35 m. Alt 2000–2300 m. KZN

reptans Killick

Micromeria pilosa Benth. (1)

Perennial. Herb, procumbent. Length 0.25–0.6 m. Alt 1800–2230 m. KZN

***SCUTELLARIA L.** 7234000

- (1) Codd. 1985. *FSA* 28,4: 16, 17.
 (2) Retief & Herman. 1997. *Strelitzia* 6: 502.

racemosa Pers.

Perennial. Herb. Ht 0.15–0.35 m. Alt 200–1713 m. G, M, KZN, EC

SOLENOSTEMON Thonn. 7354000

- (1) Codd. 1985. *FSA* 28,4: 179–181.
 (2) Retief & Herman. 1997. *Strelitzia* 6: 502, 503.

latifolius (Hochst. ex Benth.) J.K.Morton

Coleus latifolius Hochst. ex Benth. (1)

Coleus rehmannii Briq. (1)

Plectranthus tysonii Gürke (1)

Perennial. Herb, decumbent to procumbent. Length 0.2–1.5 m. Alt 460–1570 m. LIM, M, S, KZN, EC

rotundifolius (Poir.) J.K.Morton

Coleus dysentericus Baker (1)

Coleus rotundifolius (Poir.) A.Chev. & Perrot (1)

Germanea rotundifolia Poir. (1)

Perennial. Herb, erect to decumbent, succulent. Length 0.3–0.6 m. LIM, S, KZN

STACHYS L. 7281000

- (1) Codd. 1985. *FSA* 28,4: 51–78.
 (2) Codd. 1986. *Bothalia* 16: 51–53.
 (3) Retief & Herman. 1997. *Strelitzia* 6: 503, 504.
 (4) Goldblatt & Manning. 2000. *Strelitzia* 9: 532, 533.

aethiopica L.

S. aethiopica L. var. *glandulifera* Skan (1)

S. aethiopica L. var. *hispidissima* Benth. (1)

S. aethiopica L. var. *parviflora* Skan (1)

S. attenuata Skan (1)

S. capensis C.Presl (1)

S. fruticetorum Briq. (1)

S. harveyi Skan (1)

S. hispidula Hochst. (1)

S. serrulata Burch. ex Benth. (1)

Perennial. Herb, erect or decumbent. Length ± 0.5 m. Alt 5–2438 m. LIM, M, NC, WC, EC

aethiopica L. var. *glandulifera* Skan = **S. aethiopica**

aethiopica L. var. *hispidissima* Benth. = **S. aethiopica**

aethiopica L. var. *parviflora* Skan = **S. aethiopica**

aethiopica L. var. *tenella* Kuntze = **S. cymbalaria**

albiflora N.E.Br.

Perennial. Herb. Ht 0.6–1.3 m. Alt 1800–2400 m. FS, KZN

arachnoidea Codd

Perennial. Herb, procumbent. Length up to 1 m. Alt 1600–2000 m. LIM, M, S

***arvensis L.**

Annual. Herb. Ht 0.2–0.4 m. Alt 90–220 m. EC

attenuata Skan = **S. aethiopica**

aurea Benth.

S. hantamensis Vatke (1)

S. integrifolia Vahl ex Benth. (1)

S. teres Skan (1)

Perennial. Shrub. Ht 0.3–1 m. Alt 910–1600 m. NC, WC

bachmannii Gürke = **S. sessilifolia**

bolusii Skan

Perennial. Herb. Ht up to 0.45 m. Alt 244–457 m. WC

burchelliana Launert

S. burchellii Benth. (1)

Annual. Shrub. Ht 0.4–1.2 m. Alt 900–1465 m. N, NC

burchellii Benth. = **S. burchelliana**

caffra E.Mey. ex Benth.

Perennial. Shrub. Ht 1–3 m. Alt 30–1830 m. LIM, G, M, FS, KZN, EC

capensis C.Presl = **S. aethiopica**

chrysotrichos Gürke = **S. simplex**

comosa Codd

Perennial. Herb. Ht 0.25–0.4 m. Alt 420–450 m. KZN, EC

cooperi Skan = **S. graciliflora**

crenulata Briq. = **S. rugosa**

cuneata Banks ex Benth.

Perennial. Shrub. Ht 0.6–1 m. Alt 667–1650 m. NC, WC

cymbalaria Briq.

S. aethiopica L. var. *tenella* Kuntze (1)

S. cymbalaria Briq. var. *alba* Skan (1)

Perennial. Herb, procumbent. Length ± 0.3 m. Alt 900–2200 m. KZN, EC

cymbalaria Briq. var. *alba* Skan = **S. cymbalaria**

dinteri Launert

Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 180–1700 m. N

dolichodeira Briq. = **S. tubulosa**

dregeana Benth.

S. dregeana Benth. var. *lasiocalyx* (Schltr.) Skan (1)

S. dregeana Benth. var. *tenuior* Skan (1)

S. rugosa Aiton var. *foliosa* (Benth.) Skan (1)

Perennial. Herb. Ht 0.1–0.4 m. Alt 213–2895 m. FS, KZN, L, EC

dregeana Benth. var. *lasiocalyx* (Schltr.) Skan = **S. dregeana**

dregeana Benth. var. *tenuior* Skan = **S. dregeana**

erectiuscula Gürke

S. erectiuscula Gürke var. *natalensis* Skan (1)

Perennial. Herb. Ht 0.25–0.5 m. Alt 1400–2000 m. M, KZN

erectiuscula Gürke var. *natalensis* Skan = **S. erectiuscula**

flavescens Benth.

S. gariiepina Benth. (1)

Perennial. Shrub. Ht 0.6–1 m. Alt 244–1160 m. NC, WC

flexuosa Skan

Perennial. Herb. Ht 0.15–0.25 m. Alt 1400–2300 m. KZN, EC

fruticetorum Briq. = **S. aethiopica**

galpinii Briq. = **S. natalensis** var. *galpinii*

gariiepina Benth. = **S. flavescens**

graciliflora C.Presl

S. cooperi Skan (1)

Perennial. Herb, decumbent to procumbent. Length up to 0.4 m. Alt 5–2010 m. LIM, M, S, KZN, WC, EC

grandifolia E.Mey. ex Benth.

Perennial. Herb. Ht up to 1 m. Alt 371–2135 m. LIM, M, S, KZN, L, EC

- hantamensis* Vatke = **S. aurea**
- harveyi* Skan = **S. aethiopica**
- hispidula* (Thunb.) Briq. = **S. thunbergii**
- hispidula* Hochst. = **S. aethiopica**
- humifusa** Burch. ex Benth.
S. subsessilis Burch. ex Benth. (1)
S. tenella Skan (1)
 Perennial. Herb, procumbent. Ht up to 0.45 m. Alt 30–1525 m. KZN, EC
- hyssopoides** Burch. ex Benth.
 Perennial. Herb. Ht 0.2–0.6 m. Alt 685–1800 m. LIM, NW, G, M, FS, KZN, L, NC, EC
- integrifolia* Vahl ex Benth. = **S. aurea**
- karasmontana* Dinter = **S. spathulata**
- kuntzei** Gürke
S. petrogenes Briq. (1)
 Perennial. Herb. Ht 0.45–1 m. Alt 1300–1746 m. M, FS, KZN, L
- lamarckii** Benth.
S. nutans Benth. (1)
 Perennial. Shrub. Ht 0.2–1 m. Alt 300–1600 m. N, NC
- leptoclada* Briq. = **S. natalensis** var. **natalensis**
- linearis** Burch. ex Benth.
S. recurva Gürke (1)
S. rugosa Aiton var. *linearis* (Burch. ex Benth.) Skan (1)
 Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 700–1300 m. N, FS, NC, WC, EC
- lupulina* Briq. = **S. natalensis** var. **galpinii**
- malacophylla** Skan
 Perennial. Herb, decumbent. Length up to 0.4 m. Alt 610–1950 m. EC
- minima* Gürke = **S. spathulata**
- multiflora* Benth. = **S. rugosa**
- natalensis** Hochst. var. **galpinii** (Briq.) Codd
S. galpinii Briq. (1)
S. lupulina Briq. (1)
S. parilis N.E.Br. (1)
S. villosissima H.M.L.Forbes (1)
 Perennial. Herb. Ht 0.12–0.2 m. Alt 5–2175 m. LIM, G, M, S, KZN
- natalensis** Hochst. var. **natalensis**
S. leptoclada Briq. (1)
S. transvaalensis Gürke (1)
 Perennial. Herb, decumbent. Length up to 0.5 m. Alt 30–2487 m. LIM, G, M, S, KZN
- nigricans** Benth.
 Perennial. Herb. Ht 0.4–1.2 m. Alt 23–1981 m. LIM, M, S, KZN, EC
- nutans* Benth. = **S. lamarckii**
- obtusifolia** MacOwan
S. obtusifolia MacOwan var. *flanaganiai* Skan (1)
 Perennial. Herb. Ht 0.2–0.3 m. Alt 900–2200 m. EC
- obtusifolia* MacOwan var. *angustifolia* Skan = **S. tysonii**
- obtusifolia* MacOwan var. *flanaganiai* Skan = **S. obtusifolia**
- pachycalamna* Briq. = **S. spathulata**
- parilis* N.E.Br. = **S. natalensis** var. **galpinii**
- pascuicola* Briq. = **S. simplex**
- petrogenes* Briq. = **S. kuntzei**
- priorii* Skan = **S. scabrida**
- recurva* Gürke = **S. linearis**
- rehmannii** Skan
 Perennial. Herb, procumbent. Length up to 0.5 m. Alt 1556–2330 m. LIM
- reticulata** Codd
 Perennial. Herb, decumbent to procumbent. Length up to 0.6 m. Alt 1400–2200 m. M
- rivularis** J.M.Wood & M.S.Evans
S. schlechteri Gürke (1)
 Perennial. Herb. Ht 0.2–0.3 m. Alt ± 1500 m. KZN
- rudatisii** Skan
 Perennial. Herb, procumbent. Length ± 0.3 m. Alt 1400–2000 m. KZN, EC
- rugosa** Aiton
S. crenulata Briq. (1)
S. multiflora Benth. (1)
 Perennial. Shrub. Ht 0.3–1.2 m. Alt 180–2900 m. N, L, NC, WC, EC
- rugosa* Aiton var. *foliosa* (Benth.) Skan = **S. dregeana**
- rugosa* Aiton var. *linearis* (Burch. ex Benth.) Skan = **S. linearis**
- scabrida** Skan
S. priorii Skan (1)
 Perennial. Herb. Ht 0.3–0.6 m. Alt 420–945 m. WC, EC
- schlechteri* Gürke = **S. rivularis**
- serrulata* Burch. ex Benth. = **S. aethiopica**
- sessilifolia** E.Mey. ex Benth.
S. bachmannii Gürke (1)
 Perennial. Herb, decumbent. Length up to 0.7 m. Alt 1518–1660 m. KZN, EC
- sessilis** Gürke
 Perennial. Herb. Ht 0.15–1 m. Alt 610–2590 m. M, FS, KZN, L, EC
- simplex** Schltr.
S. chrysotrichos Gürke (1)
S. pascuicola Briq. (1)
 Perennial. Herb. Ht 0.2–0.4 m. Alt 1524–2650 m. M, S, FS, KZN
- spathulata** Burch. ex Benth.
S. karasmontana Dinter (1)
S. minima Gürke (1)
S. pachycalamna Briq. (1)
 Perennial. Herb. Ht 0.07–0.3 m. Alt 35–1485 m. N, B, LIM, NW, FS, KZN, NC
- steingroeveri* Briq. = **Acrotome pallescens**
- sublobata** Skan
 Perennial. Herb, erect or decumbent. Ht/Length 0.1–0.15 m/up to 0.3 m. Alt 183–1067 m. WC
- subsessilis* Burch. ex Benth. = **S. humifusa**
- tenella* Skan = **S. humifusa**
- teres* Skan = **S. aurea**
- thunbergii** Benth.
S. hispidula (Thunb.) Briq. (1)
 Perennial. Herb. Ht up to 2 m. Alt 120–950 m. WC, EC
- transvaalensis* Gürke = **S. natalensis** var. **natalensis**
- tubulosa** MacOwan
S. dolichodeira Briq. (1)

Perennial. Herb, straggling. Ht 0.1–0.2 m. Alt 420–1830 m. S, KZN, EC

tysonii Skan

S. obtusifolia MacOwan var. *angustifolia* Skan (1)

Perennial. Herb. Ht 0.15–0.3 m. Alt 2100–2590 m. FS, KZN, L, EC

villosissima H.M.L.Forbes = **S. natalensis** var. **galpinii**

zeyheri Skan

Perennial. Shrub. Ht ± 0.75 m. Alt 500–850 m. WC

SYNCOLOSTEMON E.Mey. 7359000
ex Benth.

(1) Codd. 1957. *The Flowering Plants of Africa* 32: t. 1252.

(2) Codd. 1985. *FSA* 28,4: 185–191.

(3) Codd. 1988. *Bothalia* 18: 92, 93.

(4) Retief & Herman. 1997. *Strelitzia* 6: 504.

argenteus N.E.Br.

Perennial. Shrub, herb. Ht 0.6–1.3 m. Alt 460–1065 m. KZN

comptonii Codd

Perennial. Shrub. Ht up to 1.6 m. Alt ± 914 m. S

concinus N.E.Br.

Perennial. Herb. Ht up to 0.6 m. Alt 910–1950 m. M, S, FS, KZN

densiflorus Benth.

Perennial. Shrub. Ht 1–2.2 m. Alt 15–1425 m. KZN, EC

eriocephalus I.Verd.

Perennial. Shrub. Ht 0.6–2 m. Alt 1600–2135 m. LIM, M, S

lanceolatus Gürke var. *cooperi* (Briq.) N.E.Br. = **S. parviflorus** var. **lanceolatus**

lanceolatus Gürke var. *grandiflorus* N.E.Br. = **S. parviflorus** var. **lanceolatus**

lanceolatus Gürke var. *lanceolatus* = **S. parviflorus** var. **lanceolatus**

latidens (N.E.Br.) Codd

Hemizygia latidens (N.E.Br.) M.Ashby (2)

Orthosiphon latidens N.E.Br. (2)

Perennial. Shrub. Ht 1–1.5 m. Alt ± 915 m. KZN

macranthus (Gürke) M.Ashby

Orthosiphon macranthus Gürke (2)

Perennial. Shrub. Ht 1–2.5 m. Alt 1570–2102 m. FS, KZN

macrophyllus Gürke = **Hemizygia macrophylla**

parviflorus E.Mey. ex Benth. var. *dissitiflorus* (Benth.) N.E.Br. = **S. parviflorus** var. **parviflorus**

parviflorus E.Mey. ex Benth. var. **lanceolatus** (Gürke) Codd

S. lanceolatus Gürke var. *cooperi* (Briq.) N.E.Br. (2)

S. lanceolatus Gürke var. *grandiflorus* N.E.Br. (2)

S. lanceolatus Gürke var. *lanceolatus* (2)

Perennial. Dwarf shrub, herb. Ht 0.4–1 m. Alt 610–1450 m. KZN, EC

parviflorus E.Mey. ex Benth. var. **parviflorus**

S. parviflorus E.Mey. ex Benth. var. *dissitiflorus* (Benth.) N.E.Br. (2)

Perennial. Dwarf shrub, herb. Ht 0.4–1 m. Alt 90–2010 m. M, S, KZN, EC

ramulosus E.Mey. ex Benth.

Perennial. Shrub. Ht 0.6–1.2 m. Alt ± 100 m. KZN, EC

rotundifolius E.Mey. ex Benth.

Perennial. Shrub. Ht 0.6–2 m. Alt 60–610 m. KZN, EC

TETRADENIA Benth. 7339000

(1) Phillips. 1940. *The Flowering Plants of South Africa* 20: t. 767.

(2) Codd. 1985. *FSA* 28,4: 113–116.

(3) Codd. 1987. *The Flowering Plants of Africa* 49: t. 1949.

(4) Retief & Herman. 1997. *Strelitzia* 6: 504, 505.

(5) Van Jaarsveld & Van Wyk. 2003. *Bothalia* 33: 107, 108.

barberae (N.E.Br.) Codd

Iboza barberae N.E.Br. (2, 3)

Perennial. Shrub, succulent. Ht 0.6–1 m. Alt 320–450 m. EC

brevispicata (N.E.Br.) Codd

Iboza brevispicata N.E.Br. (2, 3)

Perennial. Tree, shrub, succulent. Ht 0.6–3 m. Alt 300–1800 m. LIM, NW, G, M

kaokoensis Van Jaarsv. & A.E.van Wyk

Perennial. Shrub. Ht up to 0.6 m. Alt ± 2000 m. N

riparia (Hochst.) Codd

Iboza bainesii N.E.Br. (2, 3)

Iboza galpinii N.E.Br. (2, 3)

Iboza riparia (Hochst.) N.E.Br. (2, 3)

Moschosma riparium Hochst. (2, 3)

Perennial. Tree, shrub, succulent. Ht 1–3 m. Alt 30–1850 m. N, B, LIM, G, M, S, KZN

TEUCRIUM L. 7212000

(1) Codd. 1985. *FSA* 28,4: 8–11.

(2) Retief & Herman. 1997. *Strelitzia* 6: 505.

(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 533.

africanum Thunb.

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 15–1465 m. WC, EC

capense Thunb. = **T. trifidum**

kraussii Codd

T. riparium Hochst. (1)

Perennial. Herb. Ht 0.5–1.1 m. Alt 50–1700 m. M, S, KZN, EC

riparium Hochst. = **T. kraussii**

trifidum Retz.

T. capense Thunb. (1)

Perennial. Herb. Ht 0.3–1.1 m. Alt 15–2025 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

THORNCROFTIA N.E.Br. 7367010

(1) Dyer & Bruce. 1949. *The Flowering Plants of Africa* 27: t. 1073.

(2) Codd. 1964. *The Flowering Plants of Africa* 36: t. 1425.

(3) Codd. 1985. *FSA* 28,4: 237–239.

(4) Codd. 1986. *Bothalia* 16: 52, 53.

(5) Retief & Herman. 1997. *Strelitzia* 6: 505.

longiflora N.E.Br.

Perennial. Herb, succulent. Ht 0.3–0.6 m. Alt ± 1220 m. M, S

media Codd

Perennial. Shrub, succulent. Ht ± 0.6 m. Alt ± 600 m. LIM

succulenta (R.A.Dyer & E.A.Bruce) Codd

Plectranthus succulentus R.A.Dyer & E.A.Bruce (3)

Perennial. Shrub, herb, succulent. Ht 0.6–1.2 m. Alt ± 1636 m. LIM, M

thorncroftii (S.Moore) Codd

Plectranthus thorncroftii S.Moore (3)

- Perennial. Herb, succulent. Ht 0.1–0.25 m. Alt ± 1525 m. M, S
- THYMUS** L. 7319000
biflorus Buch.-Ham. ex D.Don = **Satureja biflora**
- TINNEA** Kotschy & Peyr. 7213000
(1) Phillips. 1933. *The Flowering Plants of South Africa* 13: t. 517.
(2) Codd. 1979. *The Flowering Plants Africa* 46: tt. 1813, 1814.
(3) Codd. 1985. *FSA* 28,4: 12–15.
(4) Retief & Herman. 1997. *Strelitzia* 6: 505.
- barbata** Vollesen
Perennial. Shrub. Ht up to 4 m. Alt 884–1100 m. M, S, KZN
- dinteri* Gürke ex Dinter = **T. rhodesiana**
- eriocalyx** Welw.
Perennial. Dwarf shrub. Ht 0.6–1 m. Alt 1100–1250 m. N, B
- galpinii** Briq.
Perennial. Herb. Ht 0.15–0.6 m. Alt 180–1950 m. G, M, S, KZN, EC
- juttae* Dinter = **T. rhodesiana**
- rehmannii* Schinz = **T. rhodesiana**
- rhodesiana** S.Moore
T. dinteri Gürke ex Dinter (3)
T. juttae Dinter (3)
T. rehmannii Schinz (3)
Perennial. Shrub. Ht 0.6–2.25 m. Alt 333–1220 m. N, LIM, M
- VITEX** L. 7186000
(1) Pearson. 1901. *FC* 5: 180–226.
(2) Merxmüller. 1967. *FSWA* 122: 9, 10.
(3) Verdcourt. 1992. *FTEA* Verbenaceae: 50–68.
(4) Bredekamp & Botha. 1993. *South African Journal of Botany* 59: 611–622.
(5) Bredekamp & Botha. 1996. *Bothalia* 26: 141–151.
(6) Retief & Herman. 1997. *Strelitzia* 6: 644, 645.
(7) Sales. 2001. *Kew Bulletin* 56: 189–207.
- amboniensis* Gürke = **V. ferruginea**
- angolensis** Gürke
Perennial. Shrub. Ht ± 1.5 m. Alt ± 900 m. N
- ferruginea** Schumach. & Thonn.
V. amboniensis Gürke (7)
V. ferruginea Schumach. & Thonn. subsp. *amboniensis* (Gürke) Verdc. var. *amaniensis* (W.Piep.) Verdc. (7)
V. ferruginea Schumach. & Thonn. subsp. *amboniensis* (Gürke) Verdc. var. *amboniensis* (7)
- Perennial. Shrub. Ht 2.5–3 m. Alt 33–1000 m. LIM, M, S, KZN
- ferruginea* Schumach. & Thonn. subsp. *amboniensis* (Gürke) Verdc. var. *amaniensis* (W.Piep.) Verdc. = **V. ferruginea**
- ferruginea* Schumach. & Thonn. subsp. *amboniensis* (Gürke) Verdc. var. *amboniensis* = **V. ferruginea**
- flavescens* Rolfe = **V. mombassae**
- geminata* H.Pearson = **V. harveyana**
- harveyana** H.Pearson
V. geminata H.Pearson (1)
Perennial. Shrub. Ht 2–3 m. Alt 60–610 m. M, S, KZN, EC
- mechowii* Gürke = **V. mombassae**
- mombassae** Vatke
V. flavescens Rolfe (3)
V. mechowii Gürke (3)
Perennial. Shrub. Ht 2–3 m. Alt ± 975 m. B
- mooiensis* H.Pearson = **Premna mooiensis**
- obovata** subsp. **obovata**
V. reflexa H.Pearson (4)
V. wilmsii Gürke var. *reflexa* (H.Pearson) W.Piep. (4)
Perennial. Tree. Ht 3–4 m. Alt 550–1370 m. LIM, M, S, KZN, EC
- obovata** E.Mey. subsp. **wilmsii** (Gürke) C.L.Bredenkamp & D.J.Botha
V. wilmsii Gürke var. *wilmsii* (4)
Perennial. Tree. Ht 3–4 m. Alt? LIM, G, M, S
- patula** E.A.Bruce
Perennial. Shrub. Ht 2.5–4 m. Alt 720–914 m. LIM, KZN
- pooara** Corbishley
Perennial. Tree. Ht up to 5 m. Alt 318–1600 m. LIM, NW, G
- reflexa* H.Pearson = **V. obovata** subsp. **obovata**
- rehmannii** Gürke
Perennial. Tree. Ht 2–3 m. Alt 60–1646 m. LIM, NW, G, M, S, KZN
- wilmsii* Gürke var. *reflexa* (H.Pearson) W.Piep. = **V. obovata** subsp. **obovata**
- wilmsii* Gürke var. *wilmsii* = **V. obovata** subsp. **wilmsii**
- zeyheri** Sond.
Perennial. Tree. Ht 3–4 m. Alt 1050–1600 m. B, NW, G

LAURACEAE

Compiled by M. Jordaan

- BEILSCHMIEDIA** Nees 2801000
natalensis J.H.Ross = **Dahlgrenodendron natalense**
- CASSYTHA** L. 2825000
(1) Stapf. 1912. *FC* 5,1: 500–502.
(2) Verdcourt. 1996. *FTEA* Lauraceae: 14–18.
(3) Diniz. 1997. *FZ* 9,2: 46–49.
- ciliolata** Nees
Perennial. Twining herb, parasite. Ht variable. Alt 30–1000 m. NC, WC, EC
- *filiformis** L.
Perennial. Twining herb, parasite. Ht variable. Alt 5–1600 m. N, B, LIM, M, S, KZN, EC
- pondoensis** Engl. var. **pondoensis**
Perennial. Twining herb, parasite. Ht variable. Alt 0–850 m. KZN, EC

CRYPTOCARYA R.Br. 2813000

- (1) Burt Davy. 1922. *Kew Bulletin* 1922: 33.
 (2) Kostermans. 1938. *Bulletin du Jardin Botanique de l'État Bruxelles* 15: 73–108.
 (3) Diniz. 1996. *Kirkia* 16: 60–63.
 (4) Diniz. 1997. *FZ* 9,2: 49–53.

acuminata Sim = **C. woodii****angustifolia** E.Mey. ex Meisn.

Perennial. Tree or shrub. Ht 2–5 m. Alt 100–900 m. WC

latifolia Sond.

Perennial. Tree. Ht 2–18 m. Alt 30–1035 m. KZN, EC

liebertiana Engl.*C. siebertiana* Burt Davy (2)

Perennial. Tree. Ht 2–22 m. Alt 10–400 m. KZN

liebertiana in sense of Kostermans in part = **C. transvaalensis****myrtifolia** Stapf*C. vacciniifolia* Stapf (2)

Perennial. Tree. Ht 3–20 m. Alt 10–1500 m. KZN, EC

siebertiana Burt Davy = **C. liebertiana***sutherlandii* Stapf = **C. wyliei****transvaalensis** Burt Davy*C. liebertiana* in sense of Kostermans in part (3)

Perennial. Tree. Ht 5–15 m. Alt 900–1700 m. LIM, M, S

vacciniifolia Stapf = **C. myrtifolia****woodii** Engl.*C. acuminata* Sim (2)

Perennial. Tree. Ht 2–24 m. Alt 10–1740 m. M, S, KZN, EC

wyliei Stapf*C. sutherlandii* Stapf (2)

Perennial. Tree or shrub. Ht 1–12 m. Alt 90–1350 m. KZN, EC

DAHLGRENODENDRON 2813010

J.J.M.van der Merwe & A.E.van Wyk

- (1) Ross. 1973. *Bothalia* 11: 118.
 (2) Van der Merwe *et al.* 1988. *South African Journal of Botany* 54: 80–88.

natalense (J.H.Ross) J.J.M.van der Merwe & A.E.van Wyk*Beilschmiedia natalensis* J.H.Ross (2)

Perennial. Tree. Ht 3–15 m. Alt 0–300 m. KZN, EC

***LITSEA Lam.** 2798000

- (1) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 172.
 (2) Kostermans. 1957. *Reinwardtia* 4,2: 240, 241.

sebifera Pers.

Perennial. Tree. Ht 2–10 m. Alt 0–300 m. KZN

OCOTEA Aubl. 2788000

- (1) Rohwer. 1986. *Mitteilungen aus dem Institut für Allgemeine Botanik Hamburg* 20: 1–278.
 (2) Verdcourt. 1996. *FTEA Lauraceae*: 9–14.
 (3) Diniz. 1997. *FZ* 9,2: 56–59.

bullata (Burch.) Baill.

Perennial. Tree. Ht 4–30 m. Alt 30–1435 m. LIM, M, KZN, L, WC, EC

kenyensis (Chiov.) Robyns & R.Wilczek*O. viridis* Kosterm. (1)

Perennial. Tree. Ht 3–20 m. Alt 30–1700 m. LIM, M, KZN, EC

viridis Kosterm. = **O. kenyensis****LECYTHIDACEAE**

Compiled by C.L. Bredenkamp

BARRINGTONIA J.R.Forst. & G.Forst. 5506000

- (1) Strey. 1976. *The Flowering Plants of Africa* 43: t. 1706.
 (2) Fernandes. 1978. *FZ* 4: 216–218.
 (3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 149.

- (4) Tsou. 1994. *Memoirs of the New York Botanical Garden* 71: 1–110.

racemosa (L.) Roxb.

Perennial. Tree (mangrove), shrub. Ht 2–20 m. Alt 45–90 m. KZN

LENTIBULARIACEAE

Compiled by S.J. Smithies

BUCRANION Raf. 7901010*capense* (Spreng.) Raf. = **Utricularia bisquamata****CALPIDISCA Barnhart** 7901020*capensis* (Spreng.) Barnhart = **Utricularia bisquamata****GENLISEA A.St.-Hil.** 7899000

- (1) Kamiński. 1902. *Botanische Jahrbücher* 33: 92, 93.
 (2) Stapf. 1904. *FC* 4,2: 436, 437.
 (3) Taylor. 1973. *FTEA Lentibulariaceae*: 23–26.
 (4) Taylor. 1988. *FZ* 8,3: 38–42.

- (5) Taylor. 1991. *Carnivorous Plant Newsletter* 20: 20–35.

africana Oliv. in part; Kamiński (1902) in part = **G. hispidula****hispidula** Stapf*G. africana* Oliv. in part; Kamiński (1902) in part (2)*G. hispidula* Stapf subsp. *hispidula* P.Taylor (4)

Annual or perennial? Herb, terrestrial or affixed aquatic, inflorescence emergent, carnivore. Ht 0.08–0.3 m. Alt 6–1980 m. LIM, G, M, S, KZN, EC

hispidula Stapf subsp. *hispidula* P.Taylor = **G. hispidula**

UTRICULARIA L. 7901000

- (1) Kamiński. 1902. *Botanische Jahrbücher* 33: 92–113.
- (2) Stapf. 1904. *FC* 4,2: 423–436.
- (3) Phillips. 1933. *The Flowering Plants of South Africa* 13: t. 515.
- (4) Phillips. 1938. *The Flowering Plants of South Africa* 18: t. 700.
- (5) Taylor. 1964. *Kew Bulletin* 18: 1–245.
- (6) Schreiber. 1968. *FSWA* 133: 1–4.
- (7) Taylor. 1973. *FTEA* Lentibulariaceae: 1–23.
- (8) Taylor. 1986. *Kew Bulletin* 41: 1–18.
- (9) Taylor. 1988. *FZ* 8,3: 9–38.
- (10) Taylor. 1989. *Kew Bulletin Additional Series* 14: ix–720.

Note: depending on water levels, terrestrial species sometimes grow in water, appearing aquatic. In any case, all *Utricularia* plants live under moist conditions. Most heights were obtained by measuring inflorescences, normally held erect. In aquatic forms, some part of the peduncle would be submerged.

arenaria A.DC.

- U. exilis* Oliv. (6)
U. exilis Oliv. var. *hirsuta* Kamiński. (6)
U. kirkii Stapf (6)
U. monophylla Dinter (10)

Annual. Herb, terrestrial, helophyte/tenagophyte, carnivore. Ht 0.02–0.11 m. Alt 2–1440 m. N, B, LIM, G, M, S, FS, KZN, L

australis R.Br

- U. stellaris* in sense of Wager (1928), not of L.f. (10)
U. vulgaris in sense of P.Taylor (1964) in part, not of L. (10)

Perennial. Herb, suspended aquatic, inflorescence emergent, carnivore. Ht 0.025–± 0.2 m. Alt 4–± 1830 m. M, FS, KZN

benjaminiana Oliv.

- U. gillettii* De Wild. & T.Durand (6)

Perennial. Herb, suspended or ± affixed aquatic, inflorescence emergent, carnivore. Ht 0.02–± 0.05 m. Alt 6–940 m. N, B, KZN

bisquamata Schrank

- Antirrhinum aphyllum* L.f. (10)
Bucranion capense (Spreng.) Raf. (10)
Calpidisca capensis (Spreng.) Barnhart (10)
Linaria aphylla (L.f.) Spreng. (10)
U. brachyceras Schltr. (10)
U. capensis Spreng. (8)
U. capensis Spreng. var. *brevicalcarata* Oliv. (10)
U. capensis Spreng. var. *elatior* Kamiński. (10)
U. delicata Kamiński. (10)
U. ecklonii Spreng. (10)
U. exilis in sense of Kamiński (1902) in part, not of Oliv. (10)
U. exilis Oliv. var. *arenaria* (A.DC.) Kamiński in part (10)
U. exilis Oliv. var. *ecklonii* (Spreng.) Kamiński in part (10)
U. exilis Oliv. var. *elatior* Kamiński (10)
U. exilis Oliv. var. *minor* Kamiński (10)
U. lehmannii Benj. (10)
U. rehmannii Kamiński (10)
U. schinzii Kamiński (10)
U. sprengelii Kamiński (10)
U. sprengelii Kamiński var. *acuticeras* Kamiński (10)
U. strumosa Sol. ex Stapf as syn. (10)

Annual. Herb, terrestrial, or lithophyte, carnivore. Ht 0.02–0.18 m. Alt ± 5–2450 m. N, LIM, G, M, KZN, L, NC, WC, EC

brachyceras Schltr. = **U. bisquamata**

capensis Spreng. = **U. bisquamata**

capensis Spreng. var. *brevicalcarata* Oliv. = **U. bisquamata**

capensis Spreng. var. *elatior* Kamiński = **U. bisquamata**

cymbantha Oliv.

Annual. Herb, suspended aquatic, inflorescence emergent, carnivore. Ht 0.01–0.02 m. Alt ± 900–± 1800 m. B, LIM?, M

delicata Kamiński = **U. bisquamata**

diploglossa Welw. ex Oliv. = **U. reflexa**

dregei Kamiński = **U. livida**

dregei Kamiński var. *stricta* Kamiński = **U. livida**

ecklonii Spreng. = **U. bisquamata**

elevata Kamiński = **U. livida**

elevata Kamiński var. *macowanii* Kamiński = **U. livida**

engleri Kamiński = **U. livida**

exilis in sense of Kamiński (1902) in part, not of Oliv. = **U. bisquamata**

exilis Oliv. = **U. arenaria**

exilis Oliv. var. *arenaria* (A.DC.) Kamiński in part = **U. bisquamata**

exilis Oliv. var. *ecklonii* (Spreng.) Kamiński in part = **U. bisquamata**

exilis Oliv. var. *elatior* Kamiński = **U. bisquamata**

exilis Oliv. var. *hirsuta* Kamiński = **U. arenaria**

exilis Oliv. var. *minor* Kamiński = **U. bisquamata**

exoleta R.Br. = **U. gibba**

firmula Welw. ex Oliv.

Annual. Herb, terrestrial, lithophyte, carnivore. Ht 0.04–± 0.28 m. Alt 1–35 m at least. 'Tvl', KZN

foliosa in sense of Kamiński (1902) in part; Stapf (1904) in part, not of L. = **U. stellaris**

foliosa L.

Perennial? Herb, suspended aquatic, inflorescence emergent, carnivore. Ht 0.03–0.52 m at least. Alt 0–± 1000 m. N, B, KZN

gibba L.

- U. exoleta* R.Br. (9)
U. gibba L. subsp. *exoleta* (R.Br.) P.Taylor (9)

Annual or perennial. Herb, affixed or suspended aquatic, inflorescence emergent or occ. not, carnivore. Ht 0.02–0.12 m. Alt 1–1525 m. N, B, LIM, NW, G, M, FS, KZN, L?, NC, EC

gibba L. subsp. *exoleta* (R.Br.) P.Taylor = **U. gibba**

gibbsiae Stapf = **U. scandens**

gillettii De Wild. & T.Durand = **U. benjaminiana**

grandivesiculosa Czech = **U. reflexa**

humilis Phillips = **U. livida**

inflexa Forssk.

- U. inflexa* Forssk. var. *inflexa* P.Taylor (10)

Perennial? Herb, suspended aquatic, inflorescence emergent, carnivore. Ht 0.05–0.12 m. Alt 2–1000 m. N, B, KZN

inflexa Forssk. var. *inflexa* P.Taylor = **U. inflexa**

inflexa Forssk. var. *stellaris* (L.f.) P.Taylor in part = **U. stellaris**

kirkii Stapf = **U. arenaria**

lehmannii Benj. = **U. bisquamata**

livida E.Mey.

- U. dregei* Kamiński (5)
U. dregei Kamiński var. *stricta* Kamiński (5)
U. elevata Kamiński (5)
U. elevata Kamiński var. *macowanii* Kamiński (5)
U. engleri Kamiński (5)
U. humilis Phillips (5)
U. livida E.Mey. var. *engleri* (Kamiński) Stapf (5)
U. livida E.Mey. var. *micrantha* Kamiński (5)
U. livida E.Mey. var. *pauciflora* Kamiński (5)

- U. longecalcarata* Benj. (5)
U. sanguinea Oliv. (5)
U. sanguinea Oliv. var. *minor* Kamieński (5)
U. transrugosa Stapf (5)
U. tribracteata in sense of Kamieński (1902) in part; Stapf (1904) among others, not of Hochst. ex A.Rich. (5)
 Annual or perennial. Herb, terrestrial, carnivore. Ht 0.02–0.47 m. Alt 8–± 2450 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC
- livida* E.Mey. var. *engleri* (Kamieński) Stapf = **U. livida**
livida E.Mey. var. *micrantha* Kamieński = **U. livida**
livida E.Mey. var. *pauciflora* Kamieński = **U. livida**
longecalcarata Benj. = **U. livida**
monophylla Dinter = **U. arenaria**
- prehensilis** E.Mey.
U. prehensilis E.Mey. var. *hians* (A.DC.) Kamieński (10)
 Perennial? Herb, terrestrial, carnivore. Ht 0.05–0.4 m. Alt 0–2200 m. LIM, G, M, S, KZN, EC
- prehensilis* E.Mey. var. *hians* (A.DC.) Kamieński = **U. prehensilis**
- reflexa** Oliv.
U. diploglossa Welw. ex Oliv. (10)
U. grandivesiculosa Czech (10)
U. reflexa Oliv. var. *reflexa* P.Taylor in part (10)
 Annual, occ. perennial. Herb, suspended aquatic, inflorescence emergent, carnivore. Ht 0.05–0.12 m. Alt 4–± 915 m. N, B, LIM, KZN
- reflexa* Oliv. var. *reflexa* P.Taylor in part = **U. reflexa**
rehmannii Kamieński = **U. bisquamata**
- sandersonii** Oliv.
U. sandersonii Oliv. var. *treubii* (Kamieński) Kamieński (10)
U. treubii Kamieński (5)
 Perennial. Herb, terrestrial and lithophyte, carnivore. Ht 0.02–0.07 m. Alt ± 20–± 1200 m. KZN, EC
- sandersonii* Oliv. var. *treubii* (Kamieński) Kamieński = **U. sandersonii**
- sanguinea* Oliv. = **U. livida**
sanguinea Oliv. var. *minor* Kamieński = **U. livida**
- scandens** Benj.
U. gibbsiae Stapf (5)
 Annual? Herb, terrestrial, helophyte/tenagophyte, carnivore. Ht 0.02–0.09 m. Alt ± 900 m. B, M
- schinzii* Kamieński = **U. bisquamata**

- spiralis* Sm. var. *tortilis* (Welw. ex Oliv.) P.Taylor = **U. tortilis**
- sprengelii* Kamieński = **U. bisquamata**
sprengelii Kamieński var. *acuticeras* Kamieński = **U. bisquamata**
- stellaris* in sense of Wager (1928), not of L.f. = **U. australis**
- stellaris** L.f.
U. foliosa in sense of Kamieński (1902) in part; Stapf (1904) in part, not of L. (10)
U. inflexa Forssk. var. *stellaris* (L.f.) P.Taylor in part (10)
U. stellaris L.f. var. *breviscapa* Kamieński (10)
U. stellaris L.f. var. *dilatata* Kamieński (10)
U. stellaris L.f. var. *filiformis* Kamieński (10)
 Perennial, occ. annual? Herb, suspended aquatic, inflorescence emergent, carnivore. Ht 0.03–0.3 m. Alt 1–1675 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC
- stellaris* L.f. var. *breviscapa* Kamieński = **U. stellaris**
stellaris L.f. var. *dilatata* Kamieński = **U. stellaris**
stellaris L.f. var. *filiformis* Kamieński = **U. stellaris**
strumosa Sol. ex Stapf as syn. = **U. bisquamata**
- subulata** L.
U. subulata L. var. *inaequalis* in sense of Kamieński (1902), not of A.DC. (10)
 Annual. Herb, terrestrial, helophyte/tenagophyte/hyperhydrite, carnivore. Ht 0.02–0.05 m. Alt 1–± 1500 m. N, B, LIM, G, M, KZN, EC
- subulata* L. var. *inaequalis* in sense of Kamieński (1902), not of A.DC. = **U. subulata**
- tortilis** Welw. ex Oliv.
U. spiralis Sm. var. *tortilis* (Welw. ex Oliv.) P.Taylor (5)
 Annual. Herb, terrestrial, carnivore. Ht 0.05–0.4 m. Alt ± 900 m. N, B
- transrugosa* Stapf = **U. livida**
treubii Kamieński = **U. sandersonii**
- tribracteata* in sense of Kamieński (1902) in part; Stapf (1904) in part, among others, not of Hochst. ex A.Rich. = **U. livida**
- vulgaris* in sense of P.Taylor (1964) in part, not of L. = **U. australis**
- welwitschii** Oliv.
 Perennial? Herb, terrestrial, carnivore. Ht 0.05–0.3 m. Alt ± 1219–1690 m. LIM, NW, G

LINACEAE

Compiled by C.L. Bredenkamp

HUGONIA L.

3947000

- (1) Robson. 1963. *FZ* 2: 91–96.
- (2) Robson & Gonçalves. 1969. *Flora de Moçambique* 29: 4–7.
- (3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 198, 199.

busseana Engl. = **H. orientalis**

orientalis

- H. busseana* Engl. (2)
H. swynnertonii De Wild. (1)

Perennial. Tree, shrub. Ht 2.5–4 m. Alt up to 490 m. LIM

swynnertonii De Wild. = **H. orientalis**

LINUM L.

3945000

- (1) Robson. 1963. *FZ* 2: 96–99.
- (1) Rogers. 1981. *Nordic Journal of Botany* 1: 711–722.
- (2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 199.

acuticarpum

C.M.Rogers
 Perennial. Herb. Ht 0.1–0.35 m. Alt up to 1000 m. WC

adustum

E.Mey. ex Planch.
 Perennial. Herb. Ht 0.25–0.5 m. Alt? WC

aethiopicum Thunb.

Perennial. Dwarf shrub, herb. Ht 0.3–0.91 m. Alt 5–765 m. WC, EC

africanum L.

Perennial. Herb. Ht 0.2–0.53 m. Alt 21–1524 m. WC, EC

brevistylum C.M.Rogers

Perennial. Herb. Ht 0.1–0.4 m. Alt up to 61 m. WC

comptonii C.M.Rogers

Perennial. Herb. Ht 0.3–0.5 m. Alt? WC

esterhuyseniae C.M.Rogers

Perennial. Dwarf shrub, herb. Ht 0.15–0.5 m. Alt up to 1450 m. WC, EC

gracile Planch.

Perennial. Herb. Ht 0.15–0.65 m. Alt? WC

heterostylum C.M.Rogers

Perennial. Herb. Ht 0.3–0.5 m. Alt up to 350 m. WC

pungens Planch.

Perennial. Herb. Ht 0.25–0.7 m. Alt up to 700 m. WC

quadrifolium L.

Perennial. Herb. Ht 0.3–0.75 m. Alt 155–700 m. WC, EC

thesioides Bartl.

Perennial. Herb. Ht 0.15–0.5 m. Alt 30–1405 m. WC, EC

thunbergii Eckl. & Zeyh.

Perennial. Herb. Ht 0.15–1 m. Alt 2–2440 m. LIM, NW, G, M, S, FS, KZN, WC, EC

villosum C.M.Rogers

Perennial. Herb. Ht 0.25–0.5 m. Alt up to 800 m. WC

LOASACEAE

Compiled by C.L. Bredenkamp

KISSENIA R.Br. ex Endl.

5388000

- (1) Codd. 1976. *FSA* 22: 134–136.
- (2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 149.

capensis Endl.

Perennial. Dwarf shrub. Ht 0.3–1.52 m. Alt 350–1400 m. N, NC

LOBELIACEAE

Compiled by P.B. Phillipson & E.B. Knox

CYPHIA P.J.Bergius

8681000

- (1) Phillips. 1917. *Annals of the South African Museum* 9: 449–474.
- (2) Wimmer. 1968. *Das Pflanzenreich* 108: 935–1014.
- (3) Thulin. 1978. *Botaniska Notiser* 131: 455–471.
- (4) Goldblatt & Manning. 2000. *Strelitzia* 9: 388, 389.
- (5) Phillipson 2003. <http://www.mobot.org/phillipson/campan/cyphn1.htm>

alba N.E.Br.

Perennial. Herb. Ht 0.15–0.3 m. Alt 1400–2100 m. M, KZN

alicedalensis E.Wimm.

Perennial. Herb, climber. Ht? Alt ± 700 m. EC

angustifolia [C.Presl ex] Eckl. & Zeyh.

Perennial. Herb, climber. Ht up to 0.3 m. Alt 60–900 m. EC

angustiloba [C.Presl ex] Eckl. & Zeyh.

C. volubilis (Burm.f.) Willd. var. *longipes* E.Wimm. (5)
Perennial. Herb, climber. Ht? Alt 300–600 m. WC

aspergilloides E.Wimm. var. **aspergilloides**

Perennial. Herb, climber. Ht? Alt 1800–2100 m. KZN

aspergilloides E.Wimm. var. **brevipes** E.Wimm.

Perennial. Herb, climber. Ht? Alt 600–1800 m. FS, KZN

assimilis Sond.

Perennial. Herb, climber. Ht 0.2–0.6 m. Alt 600–1400 m. EC

assimilis Sond. var. *latifolia* E.Phillips = **C. phillipsii**

basiloba E.Wimm.

Perennial. Herb, climber. Ht 0.6–1.5 m. Alt 10–675 m. EC

bechuanensis Bremek. & Oberm. = **C. stenopetala**

belfastica E.Wimm.

Perennial. Herb. Ht up to 0.8 m. Alt ± 1600 m. M

bolusii E.Phillips

Perennial. Herb. Ht up to 0.45 m. Alt 750–1700 m. M, S, KZN

bulbosa (L.) P.J.Bergius var. **bulbosa**

C. kerastes E.Wimm. (4, 5)
Lobelia bulbosa L. (1)
Perennial. Herb. Ht 0.1–0.3 m. Alt 25–1160 m. WC

bulbosa (L.) P.J.Bergius var. **acocksii** E.Wimm.

C. stephensii E.Wimm. (4, 5)
Perennial. Herb. Ht 0.1–0.3 m. Alt 325–1400 m. WC

bulbosa (L.) P.J.Bergius var. **hafstroemii** E.Wimm.

Perennial. Herb. Ht 0.1–0.3 m. Alt 100–850 m. WC

bulbosa (L.) P.J.Bergius var. **leiandra** E.Wimm.

Perennial. Herb. Ht 0.1–0.3 m. Alt ± 1300 m. WC

bulbosa (L.) P.J.Bergius var. *orientalis* E.Phillips = **C. linarioides**

campestris C.Presl var. **campestris**

Perennial. Herb. Ht? Alt ± 150 m. WC

campestris C.Presl var. **nudiuscula** E.Wimm.

Perennial. Herb. Ht? Alt ± 660 m. WC, EC

cardamines (Thunb.) Willd. = **C. incisa** var. **cardamines**

comptonii Bond

- Perennial. Herb. Ht ± 0.16 m. Alt 340–460 m. WC
- corylifolia** Harv.
Perennial. Herb, climber. Ht? Alt ± 1800 m. KZN
- crenata** (Thunb.) C.Presl var. **angustifolia** E.Wimm.
Perennial. Herb, climber. Ht up to 0.3 m. Alt ± 1000 m. NC
- crenata** (Thunb.) C.Presl var. **crenata**
C. crenata (Thunb.) C.Presl var. *smithiae* (L.Bolus) E.Wimm. (2)
Lobelia crenata Thunb. (2)
Perennial. Herb, climber. Ht? Alt 10–120 m. NC, WC
- crenata** (Thunb.) C.Presl var. *smithiae* (L.Bolus) E.Wimm.
= **C. crenata** var. **crenata**
- deltoidea** E.Wimm.
Perennial. Herb, climber. Ht? Alt ± 1300 m. M, KZN
- dentariifolia** C.Presl var. **dentariifolia**
Perennial. Herb, climber. Ht? Alt 160–420 m. WC
- dentariifolia** C.Presl var. **luttigii** E.Wimm.
Perennial. Herb, climber. Ht? Alt ± 700 m. WC
- dentariifolia** C.Presl var. **psilandra** E.Wimm.
Perennial. Herb, climber. Ht? Alt? WC
- dentata** E.Wimm.
Perennial. Herb, climber. Ht? Alt 480–1000 m. WC
- digitata** (Thunb.) Willd. subsp. **digitata**
C. digitata (Thunb.) Willd. var. *tomentosa* (C.Presl in E.Mey.) Sond. (5)
C. digitata (Thunb.) Willd. var. *trimera* E.Wimm. (5)
Lobelia digitata Thunb. (2)
Perennial. Herb, climber. Ht? Alt 100–1000 m. WC
- digitata** (Thunb.) Willd. subsp. **gracilis** E.Wimm.
Perennial. Herb, climber. Ht 0.3–1.5 m. Alt ± 630 m. WC, EC
- digitata** (Thunb.) Willd. var. *tomentosa* (C.Presl in E.Mey.) Sond. = **C. digitata** subsp. **digitata**
- digitata** (Thunb.) Willd. var. *trimera* E.Wimm. = **C. digitata** subsp. **digitata**
- eckloniana** [C.Presl ex] Eckl. & Zeyh.
C. zeyheriana [C.Presl ex] Eckl. & Zeyh. var. *eckloniana* ([C.Presl ex] Eckl. & Zeyh.) Sond. (5)
Perennial. Herb, climber. Ht? Alt 300–1220 m. WC
- elata** Harv. forma *decurrens* E.Wimm. = **C. elata** var. **gerrardii**
- elata** Harv. forma *depauperata* E.Wimm. = **C. revoluta**
- elata** Harv. forma *flanagana* E.Wimm. = **C. revoluta**
- elata** Harv. forma *latifolia* E.Wimm. = **C. elata** var. **globularis**
- elata** Harv. forma *thodeana* E.Wimm. = **C. elata** var. **gerrardii**
- elata** Harv. forma *truncata* E.Wimm. **C. elata** var. **glabra**
- elata** Harv. var. **elata**
Perennial. Herb. Ht 0.22–1 m. Alt 1500–2440 m. M, S, FS, KZN
- elata** Harv. var. **gerrardii** (Harv.) E.Wimm.
C. elata Harv. forma *decurrens* E.Wimm. (5)
C. elata Harv. forma *thodeana* E.Wimm. (5)
C. gerrardii Harv. (2)
C. wilmsiana Diels (2)
Perennial. Herb. Ht 0.8–2.13 m. Alt 300–2000 m. LIM, M, S, KZN
- elata** Harv. var. **glabra** Harv.
- C. elata* Harv. forma *truncata* E.Wimm. (5)
Perennial. Herb. Ht 0.3–0.8 m. Alt 15–800 m. KZN
- elata** Harv. var. **globularis** E.Wimm.
C. elata Harv. forma *latifolia* E.Wimm. (5)
Perennial. Herb. Ht 0.2–0.6 m. Alt 600–1600 m. M, KZN
- elata** Harv. var. **oblongifolia** (Sond. & Harv.) E.Phillips = **C. oblongifolia**
- galpinii** E.Wimm.
Perennial. Herb, climber. Ht 0.3–0.8 m. Alt 500–700 m. EC
- georgica** E.Wimm.
Perennial. Herb. Ht up to 0.3 m. Alt ± 200 m. WC
- gerrardii** Harv. = **C. elata** var. **gerrardii**
- glabra** E.Wimm.
Perennial. Herb, climber. Ht? Alt up to 1550 m. LIM
- heterophylla** [C.Presl ex] Eckl. & Zeyh.
Perennial. Herb, climber. Ht up to 2 m. Alt 0–150 m. WC
- incisa** (Thunb.) Willd. var. **bracteata** E.Phillips
Perennial. Herb. Ht up to 0.2 m. Alt 100–850 m. WC
- incisa** (Thunb.) Willd. var. **cardamines** (Thunb.) E.Phillips
C. cardamines (Thunb.) Willd. (1)
Lobelia cardamines Thunb. (1)
Perennial. Herb. Ht up to 0.5 m. Alt 30–915 m. WC
- incisa** (Thunb.) Willd. var. **incisa**
Lobelia incisa Thunb. (1)
Perennial. Herb. Ht up to 0.5 m. Alt ± 120 m. WC
- incisa** (Thunb.) Willd. var. **lyrata** E.Wimm.
Perennial. Herb. Ht up to 0.5 m. Alt 100–300 m. WC
- incisa** (Thunb.) Willd. var. **sinuata** E.Wimm.
Perennial. Herb. Ht? Alt? WC
- kerastes** E.Wimm. = **C. bulbosa** var. **bulbosa**
- latipetala** [C.Presl in] Eckl. & Zeyh.
C. volubilis (Burm.f.) Willd. var. *latipetala* ([C.Presl ex] Eckl. & Zeyh.) E.Wimm. (5)
Perennial. Herb, climber. Ht up to 0.8 m. Alt ± 200 m. WC
- linarioides** [C.Presl ex] Eckl. & Zeyh..
C. bulbosa (L.) P.J.Bergius var. *orientalis* E.Phillips (5)
C. undulata Eckl. var. *linarioides* ([C.Presl ex] Eckl. & Zeyh.) E.Wimm. (2)
Perennial. Herb. Ht up to 0.5 m. Alt 30–800 m. WC, EC
- linarioides** [C.Presl ex] Eckl. & Zeyh., in sense of E.Phillips in part = **C. persicifolia**
- longiflora** Schltr.
Perennial. Herb, climber. Ht ± 0.3 m. Alt 600–1030 m. NC, WC
- longifolia** N.E.Br.
C. longifolia N.E.Br. var. *baurii* E.Phillips (2)
Perennial. Herb. Ht 0.3–0.8 m. Alt 600–2075 m. KZN, EC
- longifolia** N.E.Br. var. *baurii* E.Phillips = **C. longifolia**
- longilobata** E.Phillips
Perennial. Herb, climber. Ht? Alt? WC
- longipedicellata** E.Wimm.
Perennial. Herb, climber. Ht? Alt? WC
- longipetala** C.Presl
C. volubilis (Burm.f.) Willd. var. *intermedia* E.Wimm. (5)

- Perennial. Herb, climber. Ht? Alt 400–680 m. WC
maculosa E. Phillips
 Perennial. Herb, climber. Ht? Alt up to 400 m. EC
- natalensis** E. Phillips
 Perennial. Herb, climber. Ht up to 1.5 m. Alt 850–2100 m. KZN, EC
- oblongifolia** Sond. & Harv.
C. elata Harv. var. *oblongifolia* (Sond. & Harv.) E. Phillips (2)
 Perennial. Herb. Ht 0.2–0.55 m. Alt 1250–2700 m. M, S, KZN
- oligotricha** Schltr.
 Perennial. Herb. Ht ± 0.2 m. Alt 80–150 m. WC
- pectinata** E. Wimm.
 Perennial. Herb. Ht 0.6–0.9 m. Alt 760–1370 m. S
- persicifolia** C. Presl in E. Mey.
C. linarioides ([C. Presl ex] Eckl. & Zeyh.), in sense of E. Phillips in part (2)
 Perennial. Herb. Ht up to 0.5 m. Alt up to 900 m. EC
- phillipsii** E. Wimm.
C. assimilis Sond. var. *latifolia* E. Phillips (2)
 Perennial. Herb. Ht up to 0.5 m. Alt 0–180 m. EC
- phyteuma** (L.) Willd. var. **ciliata** E. Wimm.
 Perennial. Herb. Ht up to 0.4 m. Alt ± 120 m. WC
- phyteuma** (L.) Willd. var. **grandidentata** E. Wimm.
 Perennial. Herb. Ht up to 0.4 m. Alt 150–230 m. WC
- phyteuma** (L.) Willd. var. **phyteuma**
Lobelia phyteuma L. (1)
 Perennial. Herb. Ht up to 0.4 m. Alt 80–460 m. WC
- psilostemon** E. Wimm.
 Perennial. Herb, climber. Ht? Alt 120–660 m. WC
- ramosa** E. Wimm.
 Perennial. Herb. Ht ± 0.5 m. Alt 1350–2300 m. FS, KZN, L
- ranunculifolia** E. Wimm.
 Perennial. Herb, climber. Ht up to 0.8 m. Alt 900–1000 m. WC
- revoluta** E. Wimm.
C. elata Harv. forma *depauperata* E. Wimm. (5)
C. elata Harv. forma *flanagana* E. Wimm. (5)
 Perennial. Herb. Ht 0.3–0.8 m. Alt 300–1500 m. KZN, EC
- rogersii** S. Moore subsp. **rogersii**
 Perennial. Herb, climber. Ht 0.5–1 m. Alt ± 1800 m. LIM, G, M, S
- rogersii** S. Moore subsp. **winteri** E. Wimm.
 Perennial. Herb, climber. Ht 0.3–0.7 m. Alt 800–2200 m. KZN, EC
- salicifolia** C. Presl = **C. sylvatica** var. **salicifolia**
- salteri** E. Wimm.
 Perennial. Herb, climber. Ht ± 0.5 m. Alt 900–2179 m. WC
- schlechteri** E. Phillips
 Perennial. Herb, climber. Ht? Alt 120–235 m. NC, WC
- smutsii** E. Wimm.
 Perennial. Herb. Ht up to 0.5 m. Alt 1600–1900 m. M
- stenodonta** E. Wimm.
 Perennial. Herb. Ht up to 0.5 m. Alt ± 1200 m. G
- stenopetala** Diels
C. bechuanensis Bremek. & Oberm. (3)
C. stenopetala Diels var. *johannesburgensis* E. Wimm. (3)
- Perennial. Herb, climber. Ht 0.3–1 m. Alt ± 2042 m. B, LIM, NW, G, M, FS, NC
- stenopetala* Diels var. *johannesburgensis* E. Wimm. = **C. stenopetala**
- stenophylla** E. Wimm.
 Perennial. Herb. Ht ± 0.3 m. Alt 1300–2500 m. M, FS, KZN
- stephensii* E. Wimm. = **C. bulbosa** var. **acocksii**
- subtubulata** E. Wimm.
 Perennial. Herb, climber. Ht up to 0.6 m. Alt 160–300 m. WC
- sylvatica** Eckl. var. **graminea** E. Wimm.
 Perennial. Herb, climber. Ht? Alt up to 1600 m. KZN
- sylvatica** Eckl. var. **salicifolia** ([C. Presl ex] Eckl. & Zeyh.) E. Wimm.
C. salicifolia C. Presl (2)
 Perennial. Herb, climber. Ht up to 1 m. Alt 90–1900 m. WC, EC
- sylvatica** Eckl. var. **sylvatica**
 Perennial. Herb, climber. Ht 0.5–1.6 m. Alt 20–1900 m. KZN, WC, EC
- tenera** Diels
 Perennial. Herb, climber. Ht? Alt ± 200 m. WC
- tortilis** N.E.Br.
 Perennial. Herb, climber. Ht up to 0.6 m. Alt 100–750 m. WC, EC
- transvaalensis** E. Phillips
 Perennial. Herb, climber. Ht? Alt 975–1600 m. LIM
- tricuspis** E. Wimm.
 Perennial. Herb, climber. Ht? Alt? WC
- triphylla** E. Phillips
 Perennial. Herb, climber. Ht 0.25–0.7 m. Alt 100–2165 m. FS, L, EC
- tysonii** E. Phillips
 Perennial. Herb, climber. Ht 0.2–0.7 m. Alt 1500–1700 m. KZN, EC
- undulata** Eckl.
 Perennial. Herb. Ht? Alt 30–70 m. EC
- undulata* Eckl. var. *linarioides* ([C. Presl ex] Eckl. & Zeyh.) E. Wimm. = **C. linarioides**
- volubilis** (Burm.f.) Willd. var. **banksiana** E. Wimm.
 Perennial. Herb, climber. Ht? Alt 500–1300 m. WC
- volubilis* (Burm.f.) Willd. var. *intermedia* E. Wimm. = **C. longipetala**
- volubilis* (Burm.f.) Willd. var. *latipetala* ([C. Presl ex] Eckl. & Zeyh.) E. Wimm. = **C. latipetala**
- volubilis* (Burm.f.) Willd. var. *longipes* E. Wimm. = **C. angustiloba**
- volubilis** (Burm.f.) Willd. var. **volubilis**
Lobelia volubilis Burm.f. (2)
 Perennial. Herb, climber. Ht 0.3–1 m. Alt 30–1500 m. WC
- wilmsiana* Diels = **C. elata** var. **gerrardi**
- zeyheriana** [C. Presl ex] Eckl. & Zeyh.
 Perennial. Herb, climber. Ht? Alt 150–350 m. WC
- zeyheriana* [C. Presl ex] Eckl. & Zeyh. var. *eckloniana* ([C. Presl ex] Eckl. & Zeyh.) Sond. = **C. eckloniana**

- DOBROWSKYA** C.Presl 8695010
laevicaulis C.Presl = **Monopsis unidentata** subsp. **laevicaulis**
scabra (Thunb.) A.DC. = **Monopsis scabra**
serratifolia A.DC. = **Monopsis simplex**
stellarioides C.Presl = **Monopsis stellarioides** subsp. **stellarioides**
tenella (Thunb.) Sond. = **Monopsis unidentata** subsp. **unidentata**
- DORTMANNIA** Steud. 8694010
decurrentifolia Kuntze = **Lobelia decurrentifolia**
vanreenensis Kuntze = **Lobelia vanreenensis**
- GRAMMATOTHECA** C.Presl 8696000
 (1) Wimmer. 1953. *Das Pflanzenreich* 107: 695–698.
bergiana (Cham.) C.Presl var. **bergiana**
G. erinoides (Thunb.) Sond. (1)
Lobelia bergiana Cham. (1)
 Perennial. Herb. Ht 0.15–0.5 m. Alt 150–1450 m. KZN, WC
bergiana (Cham.) C.Presl var. **eckloniana** (C.Presl) E.Wimm.
G. eckloniana C.Presl (1)
 Perennial. Herb. Ht? Alt ± 400 m. WC
bergiana (Cham.) C.Presl var. **foliosa** E.Wimm.
 Perennial. Herb. Ht? Alt ± 100 m. KZN
bergiana (Cham.) C.Presl var. **pedunculata** E.Wimm.
 Perennial. Herb. Ht? Alt ± 25 m. WC
eckloniana C.Presl = **G. bergiana** var. **eckloniana**
erinoides (Thunb.) Sond. = **G. bergiana** var. **bergiana**
- ISOLOBUS** A.DC. 8694020
corymbosus A.DC. var. *sparsiflorus* Sond. = **Lobelia jasionoides** var. **sparsiflora**
jasionoides A.DC. = **Lobelia jasionoides** var. **jasionoides**
- LAURENTIA** Michx. ex Adans. 8699000
arabidea (C.Presl) A.DC. = **Wimmerella arabidea**
bifida (Thunb.) Sond. = **Wimmerella bifida**
frontidentata E.Wimm. = **Wimmerella frontidentata**
giftbergensis (E.Phillips) E.Wimm. = **Wimmerella bifida**
hederacea Sond. = **Wimmerella hederacea**
hedyotidea Schltr. var. *hedyotidea* = **Wimmerella hedyotidea**
hedyotidea Schltr. var. *major* E.Wimm. = **Wimmerella hedyotidea**
longiflora Schltr. = **Wimmerella longitubus**
longitubus E.Wimm. = **Wimmerella longitubus**
mariae E.Wimm. = **Wimmerella mariae**
pygmaea (Thunb.) Sond. var. *glabra* Sond. = **Wimmerella pygmaea**
pygmaea (Thunb.) Sond. var. *obtusiloba* Sond. = **Wimmerella pygmaea**
pygmaea (Thunb.) Sond. var. *pygmaea* = **Wimmerella pygmaea**

radicans Schönland = **Lobelia zwartkopensis**
secunda (L.f.) Kuntze = **Wimmerella secunda**

LOBELIA L. 8694000

- (1) Wimmer. 1953. *Das Pflanzenreich* 107: 408–695, 775–783.
 (2) Wimmer. 1968. *Das Pflanzenreich* 108: 855–889.
 (3) Thulin. 1983. *FZ* 7,1: 118–145.
 (4) Thulin. 1983. *Nordic Journal of Botany* 3: 371–382.
 (5) Phillipson. 1986. *Botanical Journal of the Linnean Society* 93: 329–341.
 (6) Phillipson. 2000. In Goldblatt & Manning, *Strelitzia* 9: 390, 391.
 (7) Phillipson & Knox. 2003. <http://www.mobot.org/phillipson/campan/loben1.htm>
- acutangula* (C.Presl) A.DC. = **L. flaccida** subsp. **flaccida**
alata Labill. var. *alata* = **L. anceps**
alata Labill. var. *minor* (Sond.) E.Wimm. = **L. anceps**
alata Labill. var. *ottoniana* (C.Presl) E.Wimm. = **L. anceps**
alata Labill. var. *rudatisii* (Schltr.) E.Wimm. = **L. anceps**
anceps L.f.
L. alata Labill. var. *alata* (7)
L. alata Labill. var. *minor* (Sond.) E.Wimm. (7)
L. alata Labill. var. *ottoniana* (C.Presl) E.Wimm. (7)
L. alata Labill. var. *rudatisii* (Schltr.) E.Wimm. (7)
L. repens Thunb. (3)
 Perennial. Herb. Ht 0.05–0.45 m. Alt 2–1500 m. KZN, WC, EC
- angolensis** Engl. & Diels
L. depressa L.f. var. *dregeana* (Sond.) E.Wimm. (3)
L. depressa L.f. var. *seineri* (Schltr.) E.Wimm. (3)
L. depressa of authors, not of L.f. var. *depressa* (3, 5)
L. minutidentata Engl. & Gilg (3)
 Annual or perennial. Herb. Ht 0.05–0.1 m. Alt 20–2500 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC
- aquaemontis** E.Wimm.
 Annual. Herb. Ht 0.15–0.3 m. Alt ± 1800 m. LIM
- aquatica* E.Phillips = **L. galpinii**
- ardisiandroides** Schltr.
 Perennial. Herb. Ht ± 0.05 m. Alt 900–1220 m. WC, EC
- barkeriae** E.Wimm.
 Perennial. Shrub. Ht ± 0.4 m. Alt 400–600 m. WC
- bergiana* Cham. = **Grammatotheca bergiana** var. **bergiana**
bicolor Sims = **L. erinus**
bifida Thunb. = **Wimmerella bifida**
- boivinii** Sond.
 Perennial. Herb. Ht up to 0.1 m. Alt ± 260 m. WC
- bulbosa* L. = **Cyphia bulbosa** var. **bulbosa**
caerulea Hook. var. *caerulea* = **L. tomentosa**
caerulea Hook. var. *macularis* (C.Presl) E.Wimm. = **L. tomentosa**
- capensis* E.Wimm. = **L. limosa**
- capillifolia** (C.Presl) A.DC.
Rapuntium capillifolium C.Presl (1)
 Perennial. Dwarf shrub, herb. Ht 0.22–0.5 m. Alt 10–1770 m. WC
- capillipes* Schltr. = **L. pinifolia**
- cardamines* Thunb. = **Cyphia incisa** var. **cardamines**
- chamaedryfolia** (C.Presl) A.DC.
Rapuntium chamaedryfolium C.Presl (1)
 Perennial. Herb. Ht up to 0.3 m. Alt 350–1525 m. KZN, EC

- chamaepitys** Lam. var. **ceratophylla** (C.Presl) E. Wimm.
Rapuntium ceratophyllum C.Presl (1)
Perennial. Dwarf shrub, herb. Ht up to 0.3 m. Alt 45–460 m. WC
- chamaepitys** Lam. var. **chamaepitys**
Perennial. Dwarf shrub, herb. Ht 0.15–0.5 m. Alt 30–1540 m. WC
- cheiranthus* L. = **Manulea cheiranthus**
- cinerea* Thunb. = **Wahlenbergia albicaulis**
- cochlearifolia** Diels
Annual. Herb. Ht? Alt 600–1065 m. KZN
- coddii** Compton = **Monopsis malvacea**
- comosa** L. var. **comosa**
Perennial. Dwarf shrub, herb. Ht 0.3–0.5 m. Alt 5–450 m. WC
- comosa** L. var. **foliosa** E. Wimm.
Perennial. Dwarf shrub, herb. Ht up to 0.5 m. Alt ± 60 m. WC
- comosa** L. var. **microdon** (C.Presl) E. Wimm.
Rapuntium microdon C.Presl (1)
Perennial. Dwarf shrub, herb. Ht up to 0.5 m. Alt ± 155 m. WC
- comosa** L. var. **secundata** (Sond.) E. Wimm.
L. triquetra L. var. *secundata* Sond. (1)
Perennial. Dwarf shrub, herb. Ht up to 0.5 m. Alt ± 100 m. WC
- comptonii** E. Wimm.
L. esterhuyseniae E. Wimm. (7)
Perennial. Herb. Ht 0.2–0.35 m. Alt 650–800 m. WC
- corniculata** Thulin
Perennial. Herb, scrambler. Ht up to 1 m. Alt 120–305 m. S, KZN
- coronopifolia** L.
Perennial. Dwarf shrub, herb. Ht 0.15–0.5 m. Alt 5–1000 m. WC
- coronopifolia* L. var. *caerulea* (Sims) Sond. = **L. tomentosa**
- coronopifolia* L. var. *macularis* (C.Presl) Sond. = **L. tomentosa**
- crenata* Thunb. = **Cyphia crenata** var. **crenata**
- cuneifolia** Link & Otto var. **ananda** E. Wimm.
Perennial. Herb. Ht up to 0.4 m. Alt? NW
- cuneifolia** Link & Otto var. **cuneifolia**
Perennial. Herb. Ht up to 0.4 m. Alt 5–500 m. WC, EC
- cuneifolia** Link & Otto var. **hirsuta** (C.Presl) E. Wimm.
L. pilosa Schltr. (1)
L. sylvatica Fourc. (1)
Rapuntium ovatum C.Presl var. *hirsutum* C.Presl (1)
Perennial. Herb. Ht up to 0.4 m. Alt ± 1600 m. LIM, WC
- cyphioides** Harv.
Annual. Herb. Ht? Alt? WC
- dasyphylla** E. Wimm.
Perennial. Herb. Ht 0.05–0.2 m. Alt 760–1060 m. WC
- decipiens* Sond. = **Monopsis decipiens**
- decurrentifolia** (Kuntze) K. Schum.
Dortmannia decurrentifolia Kuntze (1)
Annual. Herb. Ht? Alt ± 100 m. EC
- delicatula* Compton = **L. trullifolia** subsp. **delicatula**
- depressa* L. f. = **Monopsis debilis** var. **depressa**
- depressa* L. f. var. *dregeana* (Sond.) E. Wimm. = **L. angolensis**
- depressa* L. f. var. *seineri* (Schltr.) E. Wimm. = **L. angolensis**
- depressa* of authors, not of L. f. var. *depressa* = **L. angolensis**
- depressa* of authors, not of L. f. var. *depressa* = **L. limosa**
- dichroma** Schltr.
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt ± 900 m. WC
- digitata* Thunb. = **Cyphia digitata** subsp. **digitata**
- disperma* E. Wimm. = **Unigenes humifusa**
- dodiana* E. Wimm. var. *dodiana* = **L. quadrisepala**
- dodiana* E. Wimm. var. *radicans* (Schönland) E. Wimm. = **L. zwartkopensis**
- dregeana** (C.Presl) A. DC.
L. galpinii Schltr. var. *dentosa* E. Wimm. (7)
L. omphalodoides Schltr. (1)
Rapuntium dregeanum C.Presl (1)
Annual. Herb. Ht 0.05–0.4 m. Alt 180–2560 m. N, NW, G, FS, L, NC, WC, EC
- eckloniana** (C.Presl) A. DC.
Rapuntium ecklonianum C.Presl (1)
Annual. Herb. Ht up to 0.05 m. Alt 400–1200 m. WC
- erinus** L.
L. bicolor Sims (7)
L. erinus L. var. *bellidifolia* (Thunb.) Sond. (3)
L. erinus L. var. *grandiflora* Paxton (7)
L. erinus L. var. *schrunkii* (Sweet) E. Wimm. (7)
L. erinus L. var. *subvillosa* E. Wimm. (7)
L. filiformis Lam. var. *filiformis* in sense of E. Wimm., misapplied name (3)
L. filiformis Lam. var. *natalensis* (A. DC.) E. Wimm. (3)
L. krookii Zahlbr. (1)
L. lavendulacea Klotzsch (3)
L. lydenburgensis E. Wimm. (3)
L. montaguensis E. Wimm. (6)
L. nuda Hemsl. (3)
L. oranjensis E. Wimm. (7)
L. parvisepala E. Wimm. (7)
L. rosulata S. Moore (3)
L. senegalensis A. DC. var. *senegalensis* (3)
L. transvaalensis Schltr. (3)
L. tysonii E. Phillips (1)
L. wildii E. Wimm. (3)
Annual or perennial. Herb. Ht 0.05–0.85 m. Alt 2–2500 m. N, B, LIM, M, S, FS, KZN, L, NC, WC
- erinus* L. var. *bellidifolia* (Thunb.) Sond. = **L. erinus**
- erinus* L. var. *grandiflora* Paxton = **L. erinus**
- erinus* L. var. *schrunkii* (Sweet) E. Wimm. = **L. erinus**
- erinus* L. var. *subvillosa* E. Wimm. = **L. erinus**
- esterhuyseniae* E. Wimm. = **L. comptonii**
- eurypoda** E. Wimm. var. **eurypoda** E. Wimm.
Perennial. Herb. Ht 0.25–0.8 m. Alt ± 1675 m. LIM, M, S, KZN
- eurypoda** E. Wimm. var. **fissurarum** E. Wimm.
Perennial. Herb. Ht ± 0.25 m. Alt ± 2000 m. WC
- filiformis* Lam. var. *filiformis* in sense of E. Wimm., misapplied name = **L. erinus**
- filiformis* Lam. var. *krebsiana* (A. DC.) E. Wimm. = **L. flaccida** subsp. **flaccida**

- filiformis* Lam. var. *natalensis* (A.DC.) E.Wimm. = **L. erinus**
- filipes** E.Wimm.
Annual. Herb. Ht up to 0.15 m. Alt ± 1400 m. N
- flaccida** (C.Presl) A.DC. subsp. **flaccida**
L. acutangula (C.Presl) A.DC. (7)
L. filiformis Lam. var. *krebsiana* (A.DC.) E.Wimm. (3)
L. flaccida (C.Presl) A.DC. var. *hirsuta* (C.Presl) E.Wimm. (7)
L. flaccida (C.Presl) A.DC. var. *scabripes* (C.Presl) E.Wimm. (7)
L. flaccida (C.Presl) A.DC. var. *stricta* (Zahlbr.) E.Wimm. (7)
L. linarioides (C.Presl) A.DC. (7)
L. oreas E.Wimm. (7)
L. pentheri E.Wimm. (7)
L. reinekeana E.Wimm. (7)
L. sutherlandii E.Wimm. (7)
L. wilmsiana Diels (7)
Rapuntium acutangulum C.Presl (1)
Rapuntium flaccidum C.Presl (3)
Rapuntium linarioides C.Presl (7)
Annual or perennial. Herb. Ht 0.15–1 m. Alt 15–2500 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- flaccida** (C.Presl) A.DC. subsp. **mossiana** (R.D.Good) Thulin
L. mossiana R.D.Good (3)
L. senegalensis A.DC. var. *subaspera* E.Wimm. (3)
Annual or perennial. Herb. Ht 0.22–0.45 m. Alt 6–3050 m. LIM, M, S, KZN
- flaccida* (C.Presl) A.DC. var. *hirsuta* (C.Presl) E.Wimm. = **L. flaccida** subsp. **flaccida**
- flaccida* (C.Presl) A.DC. var. *scabripes* (C.Presl) E.Wimm. = **L. flaccida** subsp. **flaccida**
- flaccida* (C.Presl) A.DC. var. *stricta* (Zahlbr.) E.Wimm. = **L. flaccida** subsp. **flaccida**
- galpinii** Schltr.
L. aquatica E.Phillips (1)
Annual. Herb. Ht up to 0.015 m. Alt up to 3230 m. L, EC
- galpinii* Schltr. var. *dentosa* E.Wimm. = **L. dregeana**
- genistoides* (C.Presl) A.DC. = **L. patula**
- giftbergensis* E.Phillips = **Wimmerella bifida**
- glaucoleuca* Schltr. = **L. setacea**
- goetzei** Diels
Annual or perennial. Herb. Ht 0.15–0.7 m. Alt ± 1400 m. LIM
- goodii* E.Wimm. = **L. jasionoides** var. **jasionoides hereroensis** Schinz
Annual. Herb. Ht ± 0.15 m. Alt ± 1150 m. N
- hirsuta* L.f. = **L. neglecta**
- hypsibata** E.Wimm.
Annual. Herb. Ht 0.1–0.2 m. Alt ± 450 m. WC
- incisa* Thunb. = **Cyphia incisa** var. **incisa**
- isotomoides* E.Wimm. = **L. stenosphon**
- jasionoides** (A.DC.) E.Wimm. var. **jasionoides**
Isolobus jasionoides A.DC. (1)
L. goodii E.Wimm. (1)
Perennial. Herb. Ht up to 0.3 m. Alt 300–1550 m. WC
- jasionoides** (A.DC.) E.Wimm. var. **sparsiflora** (Sond.) E.Wimm.
Isolobus corymbosus A.DC. var. *sparsiflorus* Sond. (1)
Perennial. Herb. Ht up to 0.3 m. Alt ± 600 m. WC
- krookii* Zahlbr. = **L. erinus**
- lasiantha* (C.Presl) A.DC. = **L. linearis laurentioides** Schltr.
Annual. Herb. Ht 0.08–0.1 m. Alt 800–1600 m. WC
- lavendulacea* Klotzsch = **L. erinus**
- laxa** MacOwan
Perennial. Herb. Ht up to 0.4 m. Alt 1200–1800 m. FS, KZN, L, EC
- leptocarpa* Griess. = **L. thermalis**
- limosa** (Adamson) E.Wimm.
L. capensis E.Wimm. (6)
L. depressa of authors, not of L.f. var. *depressa* (6)
Mezleria limosa Adamson (2)
Annual. Herb. Ht up to 0.1 m. Alt ± 100 m. WC
- linarioides* (C.Presl) A.DC. = **L. flaccida** subsp. **flaccida linearis** Thunb.
L. lasiantha (C.Presl) A.DC. (7)
L. linearis Thunb. var. *gloveri* Schltr. (7)
L. linearis Thunb. var. *pinnata* Schltr. (7)
L. spartioides (C.Presl) D.Dietr. (7)
Perennial. Dwarf shrub, herb. Ht 0.3–0.7 m. Alt 60–2000 m. WC, EC
- linearis* Thunb. var. *gloveri* Schltr. = **L. linearis**
- linearis* Thunb. var. *pinnata* Schltr. = **L. linearis**
- lobata** E.Wimm.
Annual or perennial. Herb. Ht 0.06–0.3 m. Alt ± 1800 m. LIM
- lutea* L. = **Monopsis lutea**
- lydenburgensis* E.Wimm. = **L. erinus**
- malowensis** E.Wimm.
Perennial. Herb. Ht 0.15–2 m. Alt 30–1525 m. LIM, M, S, KZN, EC
- minutidentata* Engl. & Gilg = **L. angolensis**
- montaguensis* E.Wimm. = **L. erinus**
- mossiana* R.D.Good = **L. flaccida** subsp. **mossiana**
- mundtiana* Cham. = **L. thermalis**
- muscoides** Cham.
Annual. Herb. Ht up to 0.05 m. Alt 800–1500 m. WC
- neglecta** Roem. & Schult.
L. hirsuta L.f. (1)
Perennial. Herb. Ht 0.15–0.5 m. Alt 5–1000 m. WC, EC
- nuda* Hemsl. = **L. erinus**
- nugax** E.Wimm.
Annual. Herb. Ht up to 0.3 m. Alt ± 1500 m. WC
- omphalodoides* Schltr. = **L. dregeana**
- oranjensis* E.Wimm. = **L. erinus**
- oreas* E.Wimm. = **L. flaccida** subsp. **flaccida**
- parvifolia* P.J.Bergius = **Wahlenbergia parvifolia**
- parvisepala* E.Wimm. = **L. erinus**
- patula** L.f.
L. genistoides (C.Presl) A.DC. (2, 7)
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 275–1220 m. WC, EC
- patula* L.f. var. *pteropoda* (C.Presl) Sond. = **L. pteropoda**
- pentheri* E.Wimm. = **L. flaccida** subsp. **flaccida**
- phyteuma* L. = **Cyphia phyteuma**
- pilosa* Schltr. = **L. cuneifolia** var. **hirsuta**

pinifolia L.*L. capillipes* Schltr. (7)

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 15–1200 m. WC

pinifolia L. var. *laricina* E.Wimm. = **L. tomentosa****preslii** A.DC.

Perennial. Herb. Ht 0.08–0.6 m. Alt 1800–2990 m. FS, KZN, L, EC

pteropoda (C.Presl) A.DC.*L. patula* L.f. var. *pteropoda* (C.Presl) Sond. (1)*Rapuntium pteropodum* C.Presl (1)

Perennial. Herb. Ht 0.1–1 m. Alt 15–1200 m. KZN, EC

pubescens Dryand. ex Aiton var. **holopsida** E.Wimm.

Annual or perennial. Herb. Ht 0.1–0.35 m. Alt ± 50 m. WC

pubescens Dryand. ex Aiton var. **incisa** (Presl) Sond.

Annual or perennial. Herb. Ht 0.1–0.35 m. Alt? WC

pubescens Dryand. ex Aiton var. **jacquiniana** Sond.

Annual or perennial. Herb. Ht 0.1–0.35 m. Alt? WC

pubescens Dryand. ex Aiton var. **pubescens**

Annual or perennial. Herb. Ht 0.1–0.35 m. Alt ± 400 m. WC

pubescens Dryand. ex Aiton var. **rotundifolia** E.Wimm.

Annual or perennial. Herb. Ht 0.1–0.35 m. Alt ± 300 m. WC

pygmaea Thunb. = **Laurentia pygmaea****quadrisejala** (R.D.Good) E.Wimm.*L. dodiana* E.Wimm. var. *dodiana* (7)*Mezleria quadrisejala* R.D.Good (2)

Annual. Herb. Ht up to 0.05 m. Alt ± 640 m. WC

reinekeana E.Wimm. = **L. flaccida** subsp. **flaccida***repens* Thunb. = **L. anceps***rosulata* S.Moore = **L. erinus***scabra* Thunb. = **Monopsis scabra***secunda* L.f. = **Wimmerella secunda***senegalensis* A.DC. var. *senegalensis* = **L. erinus***senegalensis* A.DC. var. *subaspera* E.Wimm. = **L. flaccida** subsp. **mossiana****setacea** Thunb. var. **dissectifolia** E.Wimm.

Perennial. Herb. Ht 0.3–0.8 m. Alt 10–100 m. WC

setacea Thunb. var. **setacea***L. glaucoleuca* Schltr. (7)

Perennial. Dwarf shrub, herb. Ht 0.15–0.6 m. Alt 10–1100 m. WC

simplex L. = **Monopsis simplex***spartioides* (C.Presl) D.Dietr. = **L. linearis****stenosiphon** (Adamson) E.Wimm.*L. isotomoides* E.Wimm. (2)*Mezleria stenosiphon* Adamson (2)

Perennial. Herb. Ht 0.1–0.3 m. Alt 500–1800 m. WC

sutherlandii E.Wimm. = **L. flaccida** subsp. **flaccida***sylvatica* Fourc. = **L. cuneifolia** var. **hirsuta****thermalis** Thunb.*L. leptocarpa* Griess. (3)*L. mundiana* Cham. (3)*L. thermalis* Thunb. var. *pungens* E.Wimm. (7)

Perennial. Creeping herb. Ht 0.01–0.1 m. Alt 360–1920 m. N, B, LIM, NW, G, FS, NC, WC, EC

thermalis Thunb. var. *pungens* E.Wimm. = **L. thermalis****tomentosa** L.f.*L. caerulea* Hook. var. *caerulea* (7)*L. caerulea* Hook. var. *macularis* (C.Presl) E.Wimm. (7)*L. coronopifolia* L. var. *caerulea* (Sims) Sond. (7)*L. coronopifolia* L. var. *macularis* (C.Presl) Sond. (7)*L. pinifolia* L. var. *laricina* E.Wimm. (7)

Perennial. Dwarf shrub, herb. Ht 0.15–0.6 m. Alt 15–2000 m. KZN, WC, EC

transvaalensis Schltr. = **L. erinus***triquetra* L. var. *secundata* Sond. = **L. comosa** var. **secundata****trullifolia** Hemsl. subsp. **delicatula** (Compton) Thulin*L. delicatula* Compton (4)

Annual. Herb. Ht up to 0.2 m. Alt ± 1465 m. M, S

tysonii E.Phillips = **L. erinus***unidentata* Aiton = **Monopsis unidentata** subsp. **unidentata****valida** L.Bolus

Perennial. Dwarf shrub, herb. Ht up to 0.4 m. Alt 18–120 m. WC

vanreenensis (Kuntze) K.Schum.*Dortmannia vanreenensis* Kuntze (1)

Perennial. Herb. Ht 0.2–0.6 m. Alt 750–2500 m. M, FS, KZN, L, WC, EC

variifolia Sims = **Monopsis variifolia***volubilis* Burm.f. = **Cyphia volubilis** var. **volubilis***wildii* E.Wimm. = **L. erinus***wilmsiana* Diels = **L. flaccida** subsp. **flaccida***zeyheri* Sond. = **Monopsis zeyheri****zwartkopensis** E.Wimm.*Laurentia radicans* Schönland (7)*L. dodiana* E.Wimm. var. *radicans* (Schönland) E.Wimm. (7)*Mezleria filicaulis* Sond. (1)

Annual. Herb. Ht 0.03–0.1 m. Alt up to 370 m. EC

MEZLERIA C.Presl

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filicaulis Sond. = **Lobelia zwartkopensis***limosa* Adamson = **Lobelia limosa***quadrisejala* R.D.Good = **Lobelia quadrisejala***stenosiphon* Adamson = **Lobelia stenosiphon****MONOPSIS** Salisb.

8695000

(1) Wimmer. 1953. *Das Pflanzenreich* 107: 698–713, 783, 784.(2) Thulin. 1979. *Botaniska Notiser* 132: 131–137.(3) Phillipson. 1986. *Botanical Journal of the Linnean Society* 93: 329–341.(4) Phillipson. 1989. *Botanical Journal of the Linnean Society* 99: 255–272.(5) Phillipson. 2003. <http://www.mobot.org/phillipson/campan/monon1.htm>**acrodon** E.Wimm.*M. acrodon* E.Wimm. var. *herois* E.Wimm. (5)

Perennial. Herb. Ht up to 0.2 m. Alt 850–1750 m. WC

acrodon E.Wimm. var. *herois* E.Wimm. = **M. acrodon****alba** Phillipson

Perennial. Herb. Ht up to 0.2 m. Alt 600–2000 m. WC, EC

arenaria E.Wimm. = **M. flava***aspera* (Spreng.) Urb. = **M. simplex****belliflora** E.Wimm.

Perennial. Herb. Ht up to 0.4 m. Alt 5–300 m. KZN

conspicua Salisb. = **M. debilis** var. **debilis***debilis* (L.f.) C.Presl var. *conspicua* (Salisb.) E.Wimm. = **M. debilis** var. **debilis**

debilis (L.f.) C.Presl var. **debilis**

M. conspicua Salisb. (3)
M. debilis (L.f.) C.Presl var. *conspicua* (Salisb.) E.Wimm. (3)
M. simplex (L.) E.Wimm. var. *conspicua* (Salisb.) E.Wimm. (3)
 Annual. Herb. Ht up to 0.45 m. Alt 0–750 m. WC

debilis (L.f.) C.Presl var. **depressa** (L.f.) Phillipson

Lobelia depressa L.f. (3)
M. inconspicua Salisb. (3)
M. monantha E.Wimm. (3)
M. simplex (L.) E.Wimm. var. *simplex* in sense of E.Wimm., misapplied name (3)
 Annual. Herb. Ht up to 0.45 m. Alt 0–1500 m. WC

debilis (L.f.) C.Presl var. **gracilis** (C.Presl) Phillipson

Lobelia campanulata Lam. (3)
M. campanulata (Lam.) Sond. (3)
M. conspicua Salisb. var. *gracilis* C.Presl (3)
M. gracilis (C.Presl) A.DC. (3)
 Annual. Herb. Ht up to 0.45 m. Alt 500–1500 m. NC, WC

decipiens (Sond.) Thulin

Lobelia decipiens Sond. (2)
 Perennial. Herb. Ht 0.08–0.6 m. Alt 50–2225 m. LIM, G, M, S, FS, KZN, L, EC

flava ([C.Presl ex] Eckl. & Zeyh.) E.Wimm.

M. arenaria E.Wimm. (5)
Rapuntium flavum Eckl. & Zeyh. (1)
 Perennial. Herb. Ht up to 0.25 m. Alt 900–1065 m. WC

inconspicua Salisb. = **M. debilis** var. **depressa****kowynensis** E.Wimm.

Perennial. Herb. Ht up to 0.15 m. Alt 1520–2290 m. M
laevicaulis (C.Presl) E.Wimm. = **M. unidentata** subsp. **laevicaulis**

lutea (L.) Urb.

Lobelia lutea L. (1)
M. lutea (L.) Urb. var. *ericoides* (C.Presl) Urb. (5)
M. lutea (L.) Urb. var. *euphrasioides* (Eckl. & Zeyh.) Urb. (5)
M. lutea (L.) Urb. var. *subcoerulea* Zahlbr. (5)
 Perennial. Herb. Ht 0.12–0.3 m. Alt 5–1100 m. WC

lutea (L.) Urb. var. *ericoides* (C.Presl) Urb. = **M. lutea**

lutea (L.) Urb. var. *euphrasioides* (Eckl. & Zeyh.) Urb. = **M. lutea**

lutea (L.) Urb. var. *subcoerulea* Zahlbr. = **M. lutea**

malvacea E.Wimm.

Lobelia coddii Compton (5)
 Perennial. Herb. Ht 0.1–0.3 m. Alt 1100–1390 m. S

monantha E.Wimm. = **M. debilis** var. **depressa**

scabra (Thunb.) Urb.

Dobrowskya scabra (Thunb.) A.DC. (1)
Lobelia scabra Thunb. (1)
M. scabra (Thunb.) Urb. var. *subhispida* E.Wimm. (4)
 Perennial. Creeping or erect herb. Ht 0.05–0.4 m. Alt 0–1800 m. EC

scabra (Thunb.) Urb. var. *glabrata* (Sond.) Schönland = **M. unidentata** subsp. **intermedia**

scabra (Thunb.) Urb. var. *subhispida* E.Wimm. = **M. scabra**

simplex (L.) E.Wimm.

Dobrowskya serratifolia A.DC. (1)
Lobelia simplex L. (1)
M. aspera (Spreng.) Urb. (3)
 Annual. Herb. Ht 0.05–0.3 m. Alt 0–600 m. WC, EC
simplex (L.) E.Wimm. var. *conspicua* (Salisb.) E.Wimm. = **M. debilis** var. **debilis**

simplex (L.) E.Wimm. var. *simplex* in sense of E.Wimm., misapplied name = **M. debilis** var. **depressa**

stellarioides (C.Presl) Urb. subsp. **stellarioides**

Dobrowskya stellarioides C.Presl (1)
 Perennial. Herb. Ht 0.08–0.6 m. Alt 30–3000 m. LIM, M, S, KZN, EC

stricta (C.Presl) E.Wimm. = **M. unidentata** subsp. **unidentata**

unidentata (Dryand.) E.Wimm. subsp. **intermedia** Phillipson

M. scabra (Thunb.) Urb. var. *glabrata* (Sond.) Schönland (4)
 Perennial. Creeping or erect herb. Ht 0.1–0.25 m. Alt 0–1200 m. EC

unidentata (Dryand.) E.Wimm. subsp. **laevicaulis** (C.Presl) Phillipson

Dobrowskya laevicaulis C.Presl (1)
M. laevicaulis (C.Presl) E.Wimm. (4)
 Perennial. Herb. Ht 0.1–0.75 m. Alt 50–800 m. KZN, EC

unidentata (Dryand.) E.Wimm. subsp. **unidentata**

Dobrowskya tenella (Thunb.) Sond. (1)
Lobelia unidentata Aiton (1)
M. stricta (C.Presl) E.Wimm. (4)
 Perennial. Creeping or erect herb. Ht 0.1–0.45 m. Alt 0–400 m. WC, EC

variifolia (Sims) Urb.

Lobelia variifolia Sims (1)
Parastranthus variifolius (Sims) G.Don (1)
 Perennial. Herb. Ht 0.05–0.15 m. Alt 180–1220 m. WC

zeyheri (Sond.) M.Thulin

Lobelia zeyheri Sond. (2)
 Annual. Herb. Ht up to 0.15 m. Alt? N, NW

PARASTRANTHUS G.Don 8695020

variifolius (Sims) G.Don = **Monopsis variifolia**

RAPUNTIIUM Mill. 8694050

acutangulum C.Presl = **Lobelia flaccida** subsp. **flaccida**

arabideum C.Presl = **Wimmerella arabidea**

capillifolium C.Presl = **Lobelia capillifolia**

ceratophyllum C.Presl = **Lobelia chamaepitys** var. **ceratophylla**

chamaedryfolium C.Presl = **Lobelia chamaedryfolia**

dregeanum C.Presl = **Lobelia dregeana**

ecklonianum C.Presl = **Lobelia eckloniana**

flaccidum C.Presl = **Lobelia flaccida** subsp. **flaccida**

flavum Eckl. & Zeyh. = **Monopsis flava**

linarioides C.Presl = **Lobelia flaccida** subsp. **flaccida**

microdon C.Presl = **Lobelia comosa** var. **microdon**

ovatum C.Presl var. *hirsutum* C.Presl = **Lobelia cuneifolia** var. **hirsuta**

pteropodium C.Presl = **Lobelia pteropoda**

UNIGENES E.Wimm. 8693000

(1) Phillipson. 2002. <http://www.ru.ac.za/academic/departments/botany/phillipson/lobelia.htm>

humifusa A.DC.

Lobelia disperma E.Wimm. (1)
 Annual. Prostrate herb. Ht up to 0.15 m. Alt up to 1000 m. WC

- WIMMERELLA** L.Serra, 8699010
M.B.Crespo & Lammers
(1) Serra *et al.* 1999. *Novon* 9,3: 414–418.
(2) Phillipson. 2000. In Goldblatt & Manning, *Strelitzia* 9: 401, 402.
- arabidea** (C.Presl) L.Serra, M.B.Crespo & Lammers
Laurentia arabidea (C.Presl) A.DC. (1)
Annual. Herb. Ht 0.2–0.3 m. Alt 195–1390 m. KZN,
WC, EC
- bifida** (Thunb.) L.Serra, M.B.Crespo & Lammers
Laurentia bifida (Thunb.) Sond. (1)
Laurentia giftbergensis (E.Phillips) E.Wimm. (2)
Lobelia bifida Thunb. (2)
Lobelia giftbergensis E.Phillips (2)
W. giftbergensis (E.Phillips) L.Serra, M.B.Crespo & Lammers (2)
Annual. Herb. Ht 0.1–0.2 m. Alt 300–600 m. WC
- frontidentata** (E.Wimm.) L.Serra, M.B.Crespo & Lammers
Laurentia frontidentata E.Wimm. (1)
Annual. Herb. Ht 0.1–0.2 m. Alt 1000–1600 m. WC
- giftbergensis* (E.Phillips) L.Serra, M.B.Crespo & Lammers
= **W. bifida**
- hederacea** (Sond.) L.Serra, M.B.Crespo & Lammers
Laurentia hederacea Sond. (2)
- Annual. Herb. Ht up to 0.3 m. Alt 500–2000 m. WC,
EC
- hedyotideae** (Schltr.) L.Serra, M.B.Crespo & Lammers
Laurentia hedyotideae Schltr. var. *hedyotideae* (2)
Laurentia hedyotideae Schltr. var. *major* E.Wimm. (2)
Annual. Herb. Ht up to 0.3 m. Alt 1000–2000 m. WC
- longitubus** (E.Wimm.) L.Serra, M.B.Crespo & Lammers
Laurentia longiflora Schltr. (2)
Laurentia longitubus E.Wimm. (1)
Perennial. Herb. Ht up to 0.4 m. Alt ± 750 m. WC
- mariae** (E.Wimm.) L.Serra, M.B.Crespo & Lammers
Laurentia mariae E.Wimm. (1)
Annual. Herb. Ht ± 0.02 m. Alt ± 1800 m. WC
- pygmaea** (Thunb.) L.Serra, M.B.Crespo & Lammers
Laurentia pygmaea (Thunb.) Sond. var. *glabra* Sond. (2)
Laurentia pygmaea (Thunb.) Sond. var. *obtusiloba* Sond. (2)
Laurentia pygmaea (Thunb.) Sond. var. *pygmaea* (1)
Annual. Herb. Ht up to 0.3 m. Alt 400–2000 m. WC,
EC
- secunda** (L.f.) L.Serra, M.B.Crespo & Lammers
Laurentia secunda (L.f.) Kuntze (1)
Lobelia secunda L.f. (1)
Annual. Herb. Ht up to 0.1 m. Alt 15–120 m. WC

LORANTHACEAE

Compiled by G. Germishuizen

- ACRANTHEMUM** Tiegh. 2074120
natalitium (Meisn.) Tiegh. = **Agelanthus natalitius** subsp.
natalitius
zeyheri (Harv.) Tiegh. = **Agelanthus natalitius** subsp.
zeyheri
- ACROSTACHYS** (Benth. & Hook.f.) Tiegh. 2074130
sandersonii Tiegh. = **Helixanthera woodii**
- ACTINANTHELLA** Balle 2074080
(1) Wiens & Tölken. 1979. *FSA* 10: 34.
(2) Polhill & Wiens. 1998. *Mistletoes of Africa*: 99, 100.
- wyliei** (Sprague) Wiens
Loranthus wyliei Sprague (1)
Tapinanthus wyliei (Sprague) Danser (1)
Perennial. Shrub, parasite. Ht ± 1 m. Alt up to 365 m.
KZN
- AGELANTHUS** Tiegh. 2074180
(1) Germishuizen *et al.* 1994. *Flowering Plants of Africa* 53: 20–24.
(2) Polhill & Wiens. 1998. *Mistletoes of Africa*: 137–182.
- crassifolius** (Wiens) Polhill & Wiens
Tapinanthus crassifolius Wiens (2)
Perennial. Shrub, parasite. Ht ± 1 m. Alt ± 441 m. LIM
- discolor** (Schinz) Balle
Loranthus bosciae Engl. & K.Krause (2)
Loranthus discolor Schinz (2)
Loranthus juttiae Dinter (2)
Tapinanthus discolor (Schinz) Danser (2)
Perennial. Shrub, parasite. Ht 0.5–0.7 m. Alt? N
- gracilis** (Tölken & Wiens) Polhill & Wiens
Loranthus minor Sprague, excl. basionym (2)
Loranthus natalitius Meisn. var. *minor* (Harv.) J.M.Wood (2)
- Tapinanthus gracilis* Tölken & Wiens (2)
Tapinanthus minor (Sprague) Danser, illegitimate name (2)
Perennial. Shrub, parasite. Ht 0.05–1 m. Alt 30–1150
m. M, S, KZN
- kraussianus** (Meisn.) Polhill & Wiens
Loranthus kraussianus Meisn. (2)
Tapinanthus kraussianus (Meisn.) Tiegh. subsp. *kraussianus* (2)
Perennial. Shrub, parasite. Ht 0.8–2 m. Alt 6–1275 m.
KZN, EC
- lugardii** (N.E.Br.) Polhill & Wiens
Loranthus breyeri Bremek. (2)
Loranthus lugardii N.E.Br. (2)
Loranthus lugardii N.E.Br. var. *hirtellus* Weim. (2)
Tapinanthus lugardii (N.E.Br.) Danser (2)
Perennial. Shrub, parasite. Ht ± 1 m. Alt 120–1220 m.
B, LIM, NW, G, M, KZN
- natalitius** (Meisn.) Polhill & Wiens subsp. **natalitius**
Acranthemum natalitium (Meisn.) Tiegh. (2)
Loranthus moorei Sprague (2)
Loranthus natalitius Meisn. (2)
Tapinanthus moorei (Sprague) Danser (2)
Tapinanthus natalitius (Meisn.) Danser subsp. *natalitius* (2)
Perennial. Shrub, parasite. Ht ± 1.5 m. Alt 245–1280
m. KZN, EC
- natalitius** (Meisn.) Polhill & Wiens subsp. **zeyheri** (Harv.)
Polhill & Wiens
Acranthemum zeyheri (Harv.) Tiegh. (2)
Loranthus zeyheri Harv. (2)
Loranthus zeyheri Harv. var. *minor* Harv. (2)
Tapinanthus minor (Harv.) Danser (2)
Tapinanthus natalitius (Meisn.) Danser subsp. *zeyheri* (Harv.)
Wiens (2)
Tapinanthus zeyheri (Harv.) Danser (2)
Perennial. Shrub, parasite. Ht 0.3–1.5 m. Alt 30–1625
m. B, LIM, NW, G, M, S, KZN
- prunifolius** (E.Mey. ex Harv.) Polhill & Wiens

- Loranthus kraussianus* Meisn. var. *puberulus* Sprague (2)
Loranthus prunifolius E.Mey. ex Harv. (2)
Tapinanthus prunifolius (E.Mey. ex Harv.) Tiegh. (2)
 Perennial. Shrub, parasite. Ht ± 1 m. Alt ?–700 m.
 KZN, EC
- pungu** (De Wild.) Polhill & Wiens
Loranthus carsonii Baker & Sprague (2)
Loranthus ceciliae N.E.Br. (2)
Loranthus pungu De Wild. (2)
Tapinanthus carsonii (Baker & Sprague) Danser (2)
Tapinanthus ceciliae (N.E.Br.) Danser (2)
 Perennial. Shrub, parasite. Ht ± 1.5 m. Alt 610–765 m.
 LIM, M
- sambesiacus** (Engl. & Schinz) Polhill & Wiens
Loranthus sambesiacus Engl. & Schinz (2)
Tapinanthus sambesiacus (Engl. & Schinz) Danser (2)
 Perennial. Shrub, parasite. Ht ± 0.5 m. Alt up to 550 m.
 LIM
- terminaliae** (Engl. & Gilg) Polhill & Wiens
Loranthus terminaliae Engl. & Gilg (2)
Tapinanthus terminaliae (Engl. & Gilg.) Danser (2)
 Perennial. Shrub, parasite. Ht ± 1 m. Alt? N
- transvaalensis** (Sprague) Polhill & Wiens
Loranthus kraussianus Meisn. var. *transvaalensis* Sprague (2)
Tapinanthus kraussianus (Meisn.) Tiegh. subsp. *transvaalensis* (Sprague) Wiens (2)
 Perennial. Shrub, parasite. Ht 0.6–1 m. Alt 60–840 m.
 LIM, M, S, KZN
- DENDROPTHOE** Mart. 2074140
elegans (Cham. & Schltdl.) Mart. = **Moquiniella rubra glauca** (Thunb.) Mart. = **Septulina glauca**
- ERIANTHEMUM** Tiegh. 2074060
 (1) Wiens & Tölken. 1979. *FSA* 10: 29–31.
 (2) Germishuizen *et al.* 1994. *Flowering Plants of Africa* 53: 16–19.
 (3) Polhill & Wiens. 1998. *Mistletoes of Africa*: 234–245.
- dregei** (Eckl. & Zeyh.) Tiegh.
Loranthus dregei Eckl. & Zeyh. (1)
Loranthus dregei Eckl. & Zeyh. forma *obtusifolia* Engl. (1)
Loranthus dregei Eckl. & Zeyh. forma *subcuneifolia* Engl. (1)
Loranthus oblongifolius E.Mey. ex Drège, naked name (1)
Loranthus roseus Klotzsch (3)
 Perennial. Shrub, parasite. Ht 0.4–2 m. Alt 5–1525 m.
 LIM, NW, G, M, S, KZN, EC
- ngamicum** (Sprague) Danser
Loranthus ngamicum Sprague (1)
 Perennial. Shrub, parasite. Ht ± 1 m. Alt 30–1500 m.
 N, B, LIM, NW, G, M, S, KZN, NC
- HELIXANTHERA** Lour. 2074100
 (1) Wiens & Tölken. 1979. *FSA* 10: 37–39.
 (2) Polhill & Wiens. 1998. *Mistletoes of Africa*: 79–86.
- garciana** (Engl.) Danser
H. messinensis (N.E.Br.) Danser (1)
Loranthus garcianus Engl. (1)
Loranthus messinensis N.E.Br. (1)
 Perennial. Shrub, parasite, succulent. Ht ± 0.6 m. Alt 450–1300 m. LIM
- messinensis* (N.E.Br.) Danser = **H. garciana**
subcylindrica (Sprague) Danser = **H. woodii**
- woodii** (Schltr. & K.Krause) Danser
Acrostachys sandersonii Tiegh. (1)
H. subcylindrica (Sprague) Danser (2)
Loranthus sandersonii Harv. ex Benth. & Hook.f. (1)
Loranthus woodii Schltr. & K.Krause (1)
- Perennial. Shrub, parasite. Ht 0.5–0.6 m. Alt 20–1200 m.
 KZN
- LICHTENSTEINIA** J.C.Wendl. 2074150
oleifolia J.C.Wendl. = **Tapinanthus oleifolius**
- LORANTHUS** Jacq. 2074000
acaciaedetinentis Dinter = **Plicosepalus kalachariensis bolusii** Sprague = **Oncocalyx bolusii**
bosciae Engl. & K.Krause = **Agelanthus discolor breyeri** Bremek. = **Agelanthus lugardii burchellii** (DC.) Eckl. & Zeyh. = **Moquiniella rubra canescens** Burch. = **Septulina glauca carsonii** Baker & Sprague = **Agelanthus pungu ceciliae** N.E.Br. = **Agelanthus pungu cinereus** Engl. = **Phragmanthera cinerea cistoides** Welw. ex Engl. = **Phragmanthera glaucocarpa cistoides** Welw. ex Engl. var. *longiflora* Schinz = **Phragmanthera glaucocarpa dinteri** Schinz = **Plicosepalus kalachariensis discolor** Schinz = **Agelanthus discolor dombeyae** K.Krause & Dinter = **Phragmanthera dombeyae dregei** Eckl. & Zeyh. = **Erianthemum dregei dregei** Eckl. & Zeyh. forma *obtusifolia* Engl. = **Erianthemum dregei dregei** Eckl. & Zeyh. forma *subcuneifolia* Engl. = **Erianthemum dregei elegans** Cham. & Schltdl. = **Moquiniella rubra elegantissimus** Schinz = **Oncocalyx welwitschii englerianus** K.Krause & Dinter = **Oncocalyx welwitschii fleckii** Schinz = **Plicosepalus undulatus fulvus** Engl., not of Korth., illegitimate name = **Phragmanthera dombeyae galpinii** Schinz ex Sprague = **Pedistylis galpinii garcianus** Engl. = **Helixanthera garciana glabriflorus** Conrath = **Tapinanthus rubromarginatus glaucocarpus** Peyr. = **Phragmanthera glaucocarpa glaucus** Thunb. = **Septulina glauca glaucus** Thunb. var. *burchellii* DC. = **Moquiniella rubra guerichii** Engl. = **Phragmanthera guerichii juttiae** Dinter = **Agelanthus discolor kalachariensis** Schinz = **Plicosepalus kalachariensis karibibensis** Engl. = **Oncocalyx welwitschii kraussianus** Meisn. = **Agelanthus kraussianus kraussianus** Meisn. var. *puberulus* Sprague = **Agelanthus prunifolius kraussianus** Meisn. var. *transvaalensis* Sprague = **Agelanthus transvaalensis longitubulosus** Engl. & K.Krause = **Septulina glauca lugardii** N.E.Br. = **Agelanthus lugardii lugardii** N.E.Br. var. *hirtellus* Weim. = **Agelanthus lugardii messinensis** N.E.Br. = **Helixanthera garciana**

meyeri C.Presl = **Tapinanthus oleifolius**
meyeri C.Presl var. *inachabensis* Engl. = **Tapinanthus oleifolius**
minor Sprague, excl. basionym = **Agelanthus gracilis mollissimus** Engl. = **Tapinanthus mollissimus**
moorei Sprague = **Agelanthus natalitius** subsp. **natalitius**
namaquensis Harv. = **Tapinanthus oleifolius**
namaquensis Harv. var. *ligustrifolius* Engl. = **Tapinanthus oleifolius**
natalitius Meisn. = **Agelanthus natalitius** subsp. **natalitius**
natalitius Meisn. var. *minor* (Harv.) J.M.Wood = **Agelanthus gracilis**
ngamicus Sprague = **Erianthemum ngamicum**
oblongifolius E.Mey. ex Drège, naked name = **Erianthemum dregei**
oleifolius (J.C.Wendl.) Cham. & Schltld. = **Tapinanthus oleifolius**
oleifolius (J.C.Wendl.) Cham. & Schltld. var. *elegans* (Cham. & Schltld.) Harv. = **Moquiniella rubra**
oleifolius (J.C.Wendl.) Cham. & Schltld. var. *forbesii* Sprague = **Tapinanthus forbesii**
oleifolius (J.C.Wendl.) Cham. & Schltld. var. *leendertziae* Sprague = **Tapinanthus quequensis**
oleifolius (J.C.Wendl.) Cham. & Schltld. var. *luteus* Neusser = **Tapinanthus oleifolius**
otaviensis Engl. & K.Krause, as 'otavensis' = **Phragmanthera glaucocarpa**
ovalis E.Mey. ex Harv. = **Septulina ovalis**
prunifolius E.Mey. ex Harv. = **Agelanthus prunifolius**
pungu De Wild. = **Agelanthus pungu**
quequensis Weim. = **Tapinanthus quequensis**
quinquenervius Hochst. = **Oncocalyx quinquenervius**
remotus Baker & Sprague = **Vanwykia remota**
rogersii Sprague ex Burt Davy = **Oncocalyx bolusii**
roseus Klotzsch = **Erianthemum dregei**
rubromarginatus Engl. = **Tapinanthus rubromarginatus**
rubroviridis Oliv. = **Oliverella rubroviridis**
sambesiacus Engl. & Schinz = **Agelanthus sambesiacus**
sandersonii Harv. ex Benth. & Hook.f. = **Helixanthera woodii**
speciosus F.Dietr. = **Tapinanthus oleifolius**
splendens N.E.Br. = **Plicosepalus kalachariensis**
terminaliae Engl. & Gilg = **Agelanthus terminaliae**
undulatus E.Mey. ex Harv. = **Plicosepalus undulatus**
undulatus E.Mey. ex Harv. var. *angustior* Sprague = **Plicosepalus undulatus**
welwitschii Engl. = **Oncocalyx welwitschii**
woodii Schltr. & K.Krause = **Helixanthera woodii**
wyliei Sprague = **Actinanthella wyliei**
zeyheri Harv. = **Agelanthus natalitius** subsp. **zeyheri**
zeyheri Harv. var. *minor* Harv. = **Agelanthus natalitius** subsp. **zeyheri**

MOQUINIELLA Balle 2074030
 (1) Wiens & Tölken. 1979. *FSA* 10: 25–27.
 (2) Germishuizen & Scott. 1994. *Flowering Plants of Africa* 53: 10–14.
 (3) Polhill & Wiens. 1998. *Mistletoes of Africa*: 207, 208.
rubra (A.Spreng.) Balle
Dendrophthoe elegans (Cham. & Schltld.) Mart. (3)
Loranthus burchellii (DC.) Eckl. & Zeyh. (3)
Loranthus elegans Cham. & Schltld. (1)
Loranthus glaucus Thunb. var. *burchellii* DC. (1)
Loranthus oleifolius (J.C.Wendl.) Cham. & Schltld. var. *elegans* (Cham. & Schltld.) Harv. (1)
 Perennial. Shrub, parasite. Ht 0.3–1 m. Alt 20–1465 m. N, NC, WC, EC
ODONTELLA Tiegh. 2074040
welwitschii (Engl.) Balle = **Oncocalyx welwitschii**
OLIVERELLA Tiegh. 2074260
 (1) Polhill & Wiens. 1998. *Mistletoes of Africa*: 114–117.
rubroviridis Tiegh.
Loranthus rubroviridis Oliv. (1)
 Perennial. Shrub, parasite. Ht ± 1 m. Alt? B
ONCOCALYX Tiegh. 2074240
 (1) Polhill & Wiens. 1998. *Mistletoes of Africa*: 101–111.
bolusii (Sprague) Wiens & Polhill
Loranthus bolusii Sprague (1)
Loranthus rogersii Sprague ex Burt Davy (1)
Tapinanthus bolusii (Sprague) Danser (1)
Tieghemia bolusii (Sprague) Wiens (1)
Tieghemia rogersii (Sprague ex Burt Davy) Wiens (1)
 Perennial. Shrub, parasite. Ht ± 0.5 m. Alt 5–460 m. LIM
quinquenervius (Hochst.) Wiens & Polhill
Loranthus quinquenervius Hochst. (1)
Tapinanthus quinquenervius (Hochst.) Danser (1)
Tieghemia quinquenervius (Hochst.) Balle, as 'quinquenervis' (1)
 Perennial. Shrub, parasite. Ht ± 0.5 m. Alt 10–610 m. KZN, EC
welwitschii (Engl.) Polhill & Wiens
Loranthus elegantissimus Schinz (1)
Loranthus englerianus K.Krause & Dinter (1)
Loranthus karibibensis Engl. (1)
Loranthus welwitschii Engl. (1)
Odontella welwitschii (Engl.) Balle (1)
Tapinanthus elegantissimus (Schinz) Danser (1)
Tapinanthus englerianus (K.Krause & Dinter) Danser (1)
Tapinanthus welwitschii (Engl.) Danser (1)
 Perennial. Shrub, parasite. Ht ± 1 m. Alt 320–2000 m. N
PEDISTYLIS Wiens 2074070
 (1) Wiens & Tölken. 1979. *FSA* 10: 32, 33.
 (2) Germishuizen *et al.* 1994. *Flowering Plants of Africa* 53: 6–9.
galpinii (Schinz ex Sprague) Wiens
Loranthus galpinii Schinz ex Sprague (1)
 Perennial. Shrub, parasite. Ht ± 2.5 m. Alt 155–610 m. LIM, M, S
PHRAGMANTHERA Tiegh. 2074160
 (1) Polhill & Wiens. 1998. *Mistletoes of Africa*: 246–273.
cinerea (Engl.) Balle
Loranthus cinereus Engl. (1)
Tapinanthus cinereus (Engl.) Danser (1)
 Perennial. Shrub, parasite. Ht ± 1 m. Alt? N
cistoides (Welw. ex Engl.) Tiegh. = **P. glaucocarpa**
dombeyae (K.Krause & Dinter) Polhill & Wiens
Loranthus dombeyae K.Krause & Dinter (1)
Loranthus fulvus Engl., not of Korth., illegitimate name (1)

P. fulva Tiegh. (1)
Tapinanthus dombeyae (K.Krause & Dinter) Danser (1)
 Perennial. Shrub, parasite. Ht ± 1.2 m. Alt? N

fulva Tiegh. = **P. dombeyae**

glaucocarpa (Peyr.) Balle

Loranthus cistoides Welw. ex Engl. (1)
Loranthus cistoides Welw. ex Engl. var. *longiflora* Schinz (1)
Loranthus glaucocarpus Peyr. (1)
Loranthus otaviensis Engl. & K.Krause, as 'otaviensis' (1)
P. cistoides (Welw. ex Engl.) Tiegh. (1)
Tapinanthus cistoides (Welw. ex Engl.) Danser (1)
Tapinanthus glaucocarpus (Peyr.) Danser (1)
 Perennial. Shrub, parasite. Ht ± 1 m. Alt? N

guerichii (Engl.) Balle

Loranthus guerichii Engl. (1)
Tapinanthus guerichii (Engl.) Danser (1)
 Perennial. Shrub, parasite. Ht ± 1 m. Alt? N

PLICOSEPALUS Tiegh. 2074090

- (1) Wiens & Tölken. 1979. *FSA* 10: 34–37.
- (2) Lebrun & Stork. 1992. *Énumération des plantes à fleurs d'Afrique tropicale* 2: 172.
- (3) Polhill & Wiens. 1998. *Mistletoes of Africa*: 87–95.

acaciaedetinentis (Dinter) Danser = **P. kalachariensis amplexicaulis** Wiens

Perennial. Shrub, parasite. Ht ± 1 m. Alt? M, S, KZN
curviflorus in sense of Balle, misapplied name = **P. kalachariensis**

kalachariensis (Schinz) Danser

Loranthus acaciaedetinentis Dinter (1)
Loranthus dinteri Schinz (1)
Loranthus kalachariensis Schinz (1)
Loranthus splendens N.E.Br. (1)
P. acaciaedetinentis (Dinter) Danser (1)
P. curviflorus in sense of Balle, misapplied name (1)
 Perennial. Shrub, parasite. Ht 0.3–2.5 m. Alt 50–1740 m. N, B, LIM, M, S, KZN

undulatus (E.Mey. ex Harv.) Tiegh.

Loranthus fleckii Schinz (1)
Loranthus undulatus E.Mey. ex Harv. (1)
Loranthus undulatus E.Mey. ex Harv. var. *angustior* Sprague (1)
 Perennial. Shrub, parasite. Ht ± 1 m. Alt up to 1950 m. N, NC

SEPTULINA Tiegh. 2074110

- (1) Wiens & Tölken. 1979. *FSA* 10: 39–41.
- (2) Polhill & Wiens. 1998. *Mistletoes of Africa*: 223, 224.

glauca (Thunb.) Tiegh.

Dendrophthoe glauca (Thunb.) Mart. (1)
Loranthus canescens Burch. (1)
Loranthus glaucus Thunb. (1)
Loranthus longitubulosus Engl. & K.Krause (1)
 Perennial, shrub, parasite. Ht 0.5–1.5 m. Alt 5–1550 m. N, NC, WC

glauca (Thunb.) Tiegh. var. *ovalis* (E.Mey. ex Harv.) Balle = **S. ovalis**

ovalis (E.Mey. ex Harv.) Tiegh.

Loranthus ovalis E.Mey. ex Harv. (1)
S. glauca (Thunb.) Tiegh. var. *ovalis* (E.Mey. ex Harv.) Balle (1)
Taxillus ovalis (E.Mey. ex Harv.) Danser (1)
 Perennial. Shrub, parasite. Ht ± 2 m. Alt 50–610 m. N, NC

TAPINANTHUS (Blume) Rchb. 2074010

- (1) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 336.
- (2) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 372.
- (3) Danser. 1933. *Verhandelingen der Koninklijke Akademie van Wetenschappen te Amsterdam*. Sect. 2, 29, 6: 1–128.

- (4) Wiens & Tölken. 1979. *FSA* 10: 3–23.
- (5) Germishuizen *et al.* 1994. *Flowering Plants of Africa* 53: t. 20–24.
- (6) Polhill & Wiens. 1998. *Mistletoes of Africa*: 183–206.

bolusii (Sprague) Danser = **Oncocalyx bolusii**

carsonii (Baker & Sprague) Danser = **Agelanthus pungu**

ceciliae (N.E.Br.) Danser = **Agelanthus pungu**

cinereus (Engl.) Danser = **Phragmanthera cinerea**

cistoides (Welw. ex Engl.) Danser = **Phragmanthera glaucocarpa**

crassifolius Wiens = **Agelanthus crassifolius**

discolor (Schinz) Danser = **Agelanthus discolor**

dombeyae (K.Krause & Dinter) Danser = **Phragmanthera dombeyae**

elegantissimus (Schinz) Danser = **Oncocalyx welwitschii**

englerianus (K.Krause & Dinter) Danser = **Oncocalyx welwitschii**

forbesii (Sprague) Wiens

Loranthus oleifolius (J.C.Wendl.) Cham. & Schltdl. var. *forbesii* Sprague (4)

Perennial, shrub, parasite. Ht ± 1 m. Alt 300–640 m. LIM, M, S

glaucocarpus (Peyr.) Danser = **Phragmanthera glaucocarpa**

gracilis Tölken & Wiens = **Agelanthus gracilis**

guerichii (Engl.) Danser = **Phragmanthera guerichii**

kraussianus (Meisn.) Tiegh. subsp. *kraussianus* = **Agelanthus kraussianus**

kraussianus (Meisn.) Tiegh. subsp. *transvaalensis* (Sprague) Wiens = **Agelanthus transvaalensis**

leendertziae (Sprague) Wiens = **T. quequensis**

lugardii (N.E.Br.) Danser = **Agelanthus lugardii**

minor (Harv.) Danser = **Agelanthus natalitius** subsp. **zeyheri**

minor (Sprague.) Danser, illegitimate name = **Agelanthus gracilis**

mollissimus (Engl.) Danser

Loranthus mollissimus Engl. (4)
 Perennial, shrub, parasite. Ht ± 1.5 m. Alt? N

moorei (Sprague) Danser = **Agelanthus natalitius** subsp. **natalitius**

namaquensis (Harv.) Tiegh. = **T. oleifolius**

natalitius (Meisn.) Danser subsp. *natalitius* = **Agelanthus natalitius** subsp. **natalitius**

natalitius (Meisn.) Danser subsp. *zeyheri* (Harv.) Wiens = **Agelanthus natalitius** subsp. **zeyheri**

oleifolius (J.C.Wendl.) Danser

Lichtensteinia oleifolia J.C.Wendl. (4)
Loranthus meyeri C.Presl (4)
Loranthus meyeri C.Presl var. *inachabensis* Engl. (4)
Loranthus namaquensis Harv. (4)
Loranthus namaquensis Harv. var. *ligustrifolius* Engl. (4)
Loranthus oleifolius (J.C.Wendl.) Cham. & Schltdl. (4)
Loranthus oleifolius (J.C.Wendl.) Cham. & Schltdl. var. *luteus* Neusser (4)

Loranthus speciosus F.Dietr. (4)

T. namaquensis (Harv.) Tiegh. (4)

Perennial. Shrub, parasite. Ht ± 1.5 m. Alt 70–1950 m. N, B, LIM, NW, FS, NC

prunifolius (E.Mey. ex Harv.) Tiegh. = **Agelanthus prunifolius**

quequensis (Weim.) Polhill & Wiens*Loranthus oleifolius* (J.C. Wendl.) Cham. & Schltld. var. *leendertziae* Sprague (4)*Loranthus quequensis* Weim. (6)*T. leendertziae* (Sprague) Wiens (6)

Perennial. Shrub, parasite. Ht 0.2–1.5 m. Alt 365–1525 m. LIM, NW, G, M, FS

quinquenervius (Hochst.) Danser = **Oncocalyx quinquenervius****rubromarginatus** (Engl.) Danser*Loranthus glabriflorus* Conrath (6)*Loranthus rubromarginatus* Engl. (4)

Perennial. Shrub, parasite. Ht 0.02–1.5 m. Alt 303–1800 m. LIM, NW, G, M, S, KZN

sambesiacus (Engl. & Schinz) Danser = **Agelanthus sambesiacus****terminaliae** (Engl. & Gilg) Danser = **Agelanthus terminaliae****welwitschii** (Engl.) Danser = **Oncocalyx welwitschii****wyliei** (Sprague) Danser = **Actinanthella wyliei****zeyheri** (Harv.) Danser = **Agelanthus natalitius** subsp. **zeyheri****TAXILLUS** Tiegh. 2074170**ovalis** (E.Mey. ex Harv.) Danser = **Septulina ovalis****TIEGHEMIA** Balle 2074020**bolusii** (Sprague) Wiens = **Oncocalyx bolusii****quinquenervius** (Hochst.) Balle, as '*quinquenervis*' = **Oncocalyx quinquenervius****rogersii** (Sprague ex Burt Davy) Wiens = **Oncocalyx bolusii****VANWYKIA** Wiens 2074050(1) Wiens & Tölken. 1979. *FSA* 10: 28,29.(2) Germishuizen *et al.* 1994. *Flowering Plants of Africa* 53: 2–5.**remota** (Baker & Sprague) Wiens*Loranthus remotus* Baker & Sprague (1)

Perennial. Shrub, parasite. Ht ± 1.5 m. Alt? LIM

LYTHRACEAE

Compiled by C.L. Bredenkamp

AMMANNIA L.

5474000

(1) Sonder. 1850. *Linnaea* 23: 40, 41.(2) Hiern. 1871. *FTA* 2: 476–481.(3) Fernandes. 1978. *FZ* 4: 305–309.(4) Immelman. 1991. *Bothalia* 21: 40, 41.(5) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 110, 111.**anagalloides** Sond. = **Nesaea anagalloides****aspera** Guill. & Perr. = **Nesaea aspera****auriculata** Willd. var. **auriculata**

Annual. Herb. Ht 0.06–0.45 m. Alt 305–940 m. N, B, M

baccifera L. subsp. **baccifera***A. wormskioldii* Fisch. & C.A.Mey. (4)*A. wormskioldii* Fisch. & C.A.Mey. var. *alata* Koehne (4)

Annual. Herb. Ht 0.03–0.45 m. Alt 800–1240 m. N, B, LIM, NW, G, M, S, FS, EC

crassicaulis Guill. & Perr. = **Nesaea crassicaulis****passerinoides** Hiern = **Nesaea passerinoides****prieuriana** Guill. & Perr.*A. pusilla* Sond. (4)

Annual. Herb. Ht 0.22–1 m. Alt 45–1280 m. B, LIM, NW, G, M, S, FS, KZN

pusilla Sond. = **A. prieuriana****sarcophylla** Hiern = **Nesaea sarcophylla****senegalensis** Lam. ex Poir.

Annual. Herb. Ht 0.07–0.55 m. Alt? N, B, LIM, M, S, KZN

wormskioldii Fisch. & C.A.Mey. = **A. baccifera** subsp. **baccifera****wormskioldii** Fisch. & C.A.Mey. var. *alata* Koehne = **A. baccifera** subsp. **baccifera****GALPINIA** N.E.Br.

5480000

(1) Ross. 1970. *The Flowering Plants of Africa* 40: t. 1591.(2) Fernandes. 1978. *FZ* 4: 279, 280.**transvaalica** N.E.Br.

Perennial. Tree, shrub. Ht 1.21–6 m. Alt 30–1310 m. LIM, G, M, S, KZN

***HEIMIA** Link 5487000(1) Chamisso & Von Schlechtendal. 1827. *Linnaea* 2: 346–348.(2) Koehne. 1903. *Das Pflanzenreich*. 17: 241.**myrtifolia** Cham. & Schltld.

Perennial. Shrub. Ht 0.61–1 m. Alt ± 650 m. KZN, EC

***LYTHRUM** L. 5476000(1) Lagasca. 1816. *Genera et species plantarum*: 1–35.(2) Sonder. 1894. *FC* 2: 514–517.(3) Webb. 1968. *Flora europaea* 2: 300–302.(4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 111.(5) Randall & Marinelli. 1996. *Invasive plants: weeds of the global garden*: 81.**hyssopifolia** L.

Perennial. Hydrophyte, herb. Ht 0.1–0.3 m. Alt 28–300 m. NW, WC, EC

rigidulum Sond. = **Nesaea rigidula****salicaria** L.

Perennial. Herb. Ht ± 1 m. Alt? WC

NESAEA Kunth 5486000(1) Koehne. 1882. *Botanische Jahrbücher* 3: 321–339.(2) Koehne. 1895. *Botanische Jahrbücher* 22: 149–152.(3) Koehne. 1903. *Das Pflanzenreich* 17: 221–241.(4) Fernandes. 1978. *FZ* 4: 281–305.(5) Fernandes. 1980. *Garcia de Orta* 4: 189–192.(6) Fernandes. 1980. *Flora de Moçambique* 73: 7–36.(7) Immelman. 1991. *Bothalia* 21: 35–49.(8) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 111, 112.**alata** Immelman

Annual. Herb. Ht ± 0.45 m. Alt ± 500 m. LIM, S

- anagalloides** (Sond.) Koehne
Ammannia anagalloides Sond. (1)
Annual. Herb. Ht ± 0.25 m. Alt ± 1465 m. LIM, NW,
G, FS, NC
- angustifolia** A.Fern. & Diniz (not *FSA*)
N. angustifolia Immelman, misapplied name (7)
- angustifolia* Immelman, misapplied name = **N. angustifolia**
- aspera** (Guill. & Perr.) Koehne
Ammannia aspera Guill. & Perr. (7)
Annual. Herb. Ht 0.2–0.25 m. Alt? N
- cordata** Hiern
Annual. Herb. Ht 0.03–0.25 m. Alt 460–1480 m. N, B,
LIM, NW, G, M, S, KZN
- crassicaulis** (Guill. & Perr.) Koehne
Ammannia crassicaulis Guill. & Perr. (7)
Annual. Hydrophyte, herb. Ht 0.1–2 m. Alt 2–1005 m.
N, B, LIM, KZN
- cymosa** Immelman
Annual. Herb. Ht ± 0.08 m. Alt? N, NC
- dinteri** Koehne subsp. **dinteri**
Annual. Herb. Ht? Alt? N
- dinteri** Koehne subsp. **elata** A.Fern.
N. transvaalica A.Fern. (7)
Annual. Herb. Ht 0.13–0.65 m. Alt? N, B, LIM, M, S
- drummondii** A.Fern.
Annual. Herb. Ht ± 0.3 m. Alt ± 1372 m. N, B, LIM,
NW
- floribunda* Sond. = **N. radicans** var. **floribunda**
- heptamera** Hiern
Perennial. Herb. Ht ± 0.3 m. Alt ± 610 m. LIM, M, S
- kuntzei* Koehne = **N. schinzii**
- luederitzii** Koehne var. **hereroensis** Koehne
Perennial. Dwarf shrub. Ht ± 0.65 m. Alt? N
- luederitzii** Koehne var. **luederitzii**
Perennial. Dwarf shrub. Ht 0.3–0.55 m. Alt ± 2000 m. N
- minima** Immelman
Annual. Herb. Ht ± 0.02 m. Alt? B
- ondongana** Koehne subsp. **ondongana** var. **evansiana**
(A.Fern. & Diniz) A.Fern.
Annual. Hydrophyte, herb. Ht ± 0.08 m. Alt? N, B, S
- ondongana** Koehne subsp. **ondongana** var. **ondongana**
Annual. Herb. Ht 0.2–0.5 m. Alt 896–1050 m. N, B
- passerinoides** (Hiern) Koehne
Ammannia passerinoides Hiern (7)
Perennial. Dwarf shrub. Ht 0.6–0.91 m. Alt 185–1220
m. B, M
- radicans** Guill. & Perr. var. **floribunda** (Sond.) A.Fern.
N. floribunda Sond. (7)
Perennial. Herb. Ht 0.3–0.75 m. Alt 30–1000 m. B,
LIM, M, S, KZN, EC
- radicans** Guill. & Perr. var. **radicans**
Perennial. Herb. Ht ± 0.75 m. Alt? B
- rautanenii** Koehne
Annual. Hydrophyte, herb. Ht 0.035–0.04 m. Alt? N
- rigidula** (Sond.) Koehne
Lythrum rigidulum Sond. (7)
Perennial. Herb. Ht 0.15–0.3 m. Alt 945–1220 m. N,
B, LIM, NW, G
- rivularis* (J.M.Wood & M.S.Evans) Koehne = **N. schinzii**
- sagittifolia** (Sond.) Koehne var. **ericiformis** Koehne
forma **ericiformis**
Perennial. Dwarf shrub. Ht 0.25–0.91 m. Alt ± 1167
m. KZN, EC
- sagittifolia** (Sond.) Koehne var. **ericiformis** Koehne
forma **swaziensis** Immelman
Perennial. Dwarf shrub. Ht 0.25–0.91 m. Alt 833–
1167 m. M, S
- sagittifolia* (Sond.) Koehne var. *glabrescens* Koehne =
N. sagittifolia var. **sagittifolia**
- sagittifolia** (Sond.) Koehne var. **sagittifolia**
N. sagittifolia (Sond.) Koehne var. *glabrescens* Koehne (7)
Perennial. Dwarf shrub. Ht 0.25–0.91 m. Alt 365–
2000 m. LIM, NW, G, M, S, FS, KZN, EC
- saluta** Immelman
Annual. Herb. Ht ± 0.2 m. Alt? N
- sarcophylla** (Hiern) Koehne
Ammannia sarcophylla Hiern (7)
Annual. Herb. Ht ± 0.2 m. Alt? N
- schinzii** Koehne
N. kuntzei Koehne (7)
N. rivularis (J.M.Wood & M.S.Evans) Koehne (7)
N. schinzii Koehne var. *fleckii* Koehne (7)
N. schinzii Koehne var. *rehmannii* Koehne (7)
Perennial. Dwarf shrub. Ht 0.15–0.35 m. Alt 155–
1735 m. N, B, LIM, G, M, S, FS, KZN, L
- schinzii* Koehne var. *fleckii* Koehne = **N. schinzii**
- schinzii* Koehne var. *rehmannii* Koehne = **N. schinzii**
- schlechteri** A.Fern.
Annual. Herb. Ht ± 0.2 m. Alt ± 780 m. N, LIM
- teixeirae** A.Fern.
Annual. Herb. Ht 0.25–0.45 m. Alt? N
- tolypobotrys** Koehne
Annual, occ. perennial. Herb. Ht 0.08–0.6 m. Alt 2–
140 m. M, KZN, EC
- transvaalica* A.Fern. = **N. dinteri** subsp. **elata**
- wardii** Immelman
Annual. Herb. Ht up to 0.35 m. Alt? KZN
- woodii** Koehne
Perennial. Herb. Ht ± 0.5 m. Alt? KZN
- zambatidis** Immelman
Annual. Herb. Ht ± 0.3 m. Alt? LIM, M, S

RODALA L. 5473000

- (1) Hiern. 1871. *FTA* 2: 466–469.
(2) Cook. 1979. *Boissiera* 29: 7–155.
(3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 112, 113.

capensis (Harv.) A.Fern. & Diniz
Annual. Hydrophyte, herb. Ht 0.02–0.15 m. Alt
1800–2179 m. LIM, M, FS, KZN, L

dinteri Koehne
Annual, occ. perennial. Hydrophyte, herb. Ht 0.05–
0.16 m. Alt ?–1500 m. N

filiformis (Bellardi) Hiern
R. heterophylla Welw. ex A.Fern. & Diniz (2)
Annual, occ. perennial. Hydrophyte, herb. Ht 0.05–
0.12 m. Alt ?–1500 m. B, LIM, G, M

fluitans Pohnert*R. tetragonocalyx* A.Fern. & Diniz (2)

Annual, occ. perennial. Hydrophyte, herb. Ht 0.03–0.7 m. Alt ?–1030 m. N, B

heterophylla Welw. ex A.Fern. & Diniz = **R. filiformis****mexicana** Cham. & Schldl.

Annual. Hydrophyte, herb. Ht? Alt? N, G

myriophylloides Welw. ex Hiern

Annual, occ. perennial. Hydrophyte, herb. Ht up to 2 m. Alt 940–1524 m. N, B

submersa Pohnert = **R. tenella****tenella** (Guill. & Perr.) Hiern*R. submersa* Pohnert (2)

Annual, occ. perennial. Hydrophyte, herb. Ht 0.03–0.4 m. Alt 610–1220 m. N, B, LIM, G, M, KZN

tetragonocalyx A.Fern. & Diniz = **R. fluitans**

MAESACEAE

Compiled by C.L. Bredenkamp

BAEOBOTRYS Forst. 6283010*lanceolata* (Forssk.) Vahl = **Maesa lanceolata****MAESA** Forssk. 6283000(1) Dyer. 1963. *FSA* 26: 2, 3.(2) Taton. 1980. *Bulletin du Jardin Botanique National de Belgique* 50: 211–218.(3) Kupicha. 1983. *FZ* 7,1: 198–201.(4) Halliday. 1984. *FTEA* Myrsinaceae: 2–5.(5) Anderberg *et al.* 2000. *Taxon* 49: 183–187.**alnifolia** Harv.

Perennial. Shrub. Ht ± 1.5 m. Alt 1–890 m. KZN, EC

angolensis Gilg = **M. lanceolata****lanceolata** Forssk.*Baeobotrys lanceolata* (Forssk.) Vahl (3)*M. angolensis* Gilg (1, 3)*M. lanceolata* Forssk. var. *mildbraedii* (Gilg & Schellenb.) Lebrun (4)*M. lanceolata* Forssk. var. *rufescens* (A.DC.) Taton (4)*M. palustris* Hochst. (1)*M. rufescens* A.DC. (1, 3, 4)

Perennial. Tree, shrub. Ht 2–10 m. Alt. 1–1400 m. LIM, M, S, KZN, EC

lanceolata Forssk. var. *mildbraedii* (Gilg & Schellenb.) Lebrun = **M. lanceolata***lanceolata* Forssk. var. *rufescens* (A.DC.) Taton = **M. lanceolata***palustris* Hochst. = **M. lanceolata***rufescens* A.DC. = **M. lanceolata**

MALPIGHIACEAE

Compiled by R.H. Archer

ACRIDOCARPUS Guill. & Perr. 4220000(1) Launert. 1963. *FZ* 2: 109–113.(2) Immelman. 1986. *FSA* 18,3: 69–71.*angolensis* A.Juss. = **Sphedamnocarpus pruriens** subsp. **pruriens***galphimiifolius* A.Juss. = **Sphedamnocarpus pruriens** subsp. **galphimiifolius***natalitius* A.Juss. var. *acuminatus* Nied. = **A. natalitius** var. **natalitius****natalitius** A.Juss. var. **linearifolius** Launert

Perennial. Tree, shrub, climber. Ht 1–3 m. Alt 25–1000 m. S, KZN

natalitius A.Juss. var. **natalitius***A. natalitius* A.Juss. var. *acuminatus* Nied. (2)*A. natalitius* A.Juss. var. *obtusus* Nied. (2)*A. pondoensis* Eng. ex Nied. (2)*A. reticulatus* Burttt Davy (2)

Perennial. Tree, shrub, climber. Ht 0.5–7.5 m. Alt 10–1285 m. LIM, M, S, KZN, EC

natalitius A.Juss. var. *obtusus* Nied. = **A. natalitius** var. **natalitius***pondoensis* Eng. ex Nied. = **A. natalitius** var. **natalitius***pruriens* A.Juss. = **Sphedamnocarpus pruriens** subsp. **pruriens***pruriens* A.Juss. var. *laevigatus* Sond. = **Sphedamnocarpus pruriens** subsp. **galphimiifolius***reticulatus* Burttt Davy = **A. natalitius** var. **natalitius****SPHEDAMNOCARPUS** Planch. 4219000
ex Benth. & Hook.f.(1) Launert. 1963. *FZ* 2: 119–125.(2) De Villiers & Botha. 1986. *FSA* 18,3: 66–69.*angolensis* (A.Juss.) Planch. ex Oliv. = **S. pruriens** subsp. **pruriens***angolensis* (A.Juss.) Planch. ex Oliv. var. *pulcherrimus* (Engl. & Gilg) Nied. = **S. pruriens** subsp. **pruriens***galphimiifolius* (A.Juss.) Szyszyl. subsp. *galphimiifolius* = **S. pruriens** subsp. **galphimiifolius***galphimiifolius* (A.Juss.) Szyszyl. subsp. *rehmannii* (Szyszyl.) Launert = **S. pruriens** subsp. **galphimiifolius***latifolius* (Engl.) Nied. = **S. pruriens** subsp. **pruriens***pruriens* (A.Juss.) Szyszyl. forma *brevipedunculatus* Nied. = **S. pruriens** subsp. **pruriens***pruriens* (A.Juss.) Szyszyl. forma *longipedunculatus* Nied. = **S. pruriens** subsp. **pruriens***pruriens* (A.Juss.) Szyszyl. forma *wilmsii* (Engl.) Nied. = **S. pruriens** subsp. **pruriens**

pruriens (A.Juss.) Szyszyl. subsp. **galphimiifolius**

(A.Juss.) P.D.de Villiers & D.J.Botha

Acridocarpus galphimiifolius A.Juss. (2)*Acridocarpus pruriens* A.Juss. var. *laevigatus* Sond. (2)*S. galphimiifolius* (A.Juss.) Szyszyl. subsp. *galphimiifolius* (2)*S. galphimiifolius* (A.Juss.) Szyszyl. subsp. *rehmannii* (Szyszyl.) Launert (2)*S. rehmannii* Szyszyl. (2)*S. rogersii* Burttt Davy (2)*S. transvalicus* (Kuntze) Burttt Davy (2)*S. woodianus* Arènes (2)*Triaspis transvalica* Kuntze (2)

Perennial. Shrub, climber. Ht 0.3–5 m. Alt 15–2000 m.

B, LIM, NW, S, FS, KZN

pruriens (A.Juss.) Szyszyl. subsp. **pruriens***Acridocarpus angolensis* A.Juss. (2)*Acridocarpus pruriens* A.Juss. (2)*S. angolensis* (A.Juss.) Planch. ex Oliv. (2)*S. angolensis* (A.Juss.) Planch. ex Oliv. var. *pulcherrimus* (Engl. & Gilg) Nied. (2)*S. latifolius* (Engl.) Nied. (2)*S. pruriens* (A.Juss.) Szyszyl. forma *brevipedunculatus* Nied. (2)*S. pruriens* (A.Juss.) Szyszyl. forma *longipedunculatus* Nied. (2)*S. pruriens* (A.Juss.) Szyszyl. forma *wilmsii* (Engl.) Nied. (2)*S. pruriens* (A.Juss.) Szyszyl. var. *lanceolatus* Launert (2)*S. pruriens* (A.Juss.) Szyszyl. var. *latifolius* Engl. (2)*S. pruriens* (A.Juss.) Szyszyl. var. *platypterus* Arènes (2)*S. pulcherrimus* Engl. & Gilg (2)*S. wilmsii* Engl. (2)

Perennial. Shrub, climber. Ht 0.1–5 m. Alt 30–2500 m.

N, B, LIM, NW, G, M, S, KZN, NC

pruriens (A.Juss.) Szyszyl. var. *lanceolatus* Launert = **S.****pruriens** subsp. **pruriens***pruriens* (A.Juss.) Szyszyl. var. *latifolius* Engl. = **S.****pruriens** subsp. **pruriens***pruriens* (A.Juss.) Szyszyl. var. *platypterus* Arènes = **S.****pruriens** subsp. **pruriens***pulcherrimus* Engl. & Gilg = **S.****pruriens** subsp. **pruriens***rehmannii* Szyszyl. = **S.****pruriens** subsp. **galphimiifolius***rogersii* Burttt Davy = **S.****pruriens** subsp. **galphimiifolius***transvalicus* (Kuntze) Burttt Davy = **S.****pruriens** subsp. **galphimiifolius***wilmsii* Engl. = **S.****pruriens** subsp. **pruriens***woodianus* Arènes = **S.****pruriens** subsp. **galphimiifolius****TRIASPIS** Burch.

4206000

(1) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 109.(2) Immelman. 1986. *FSA* 18,3: 63–66.*canescens* Engl. = **T. hypericoides** subsp. **canescens****glaucophylla** Engl.*T. leendertziae* Burttt Davy (2)

Perennial. Shrub, climber. Ht 1–4.5 m. Alt 760–1150

m. LIM, NW, M

hypericoides (DC.) Burch. subsp. **canescens** (Engl.)

Immelman

T. canescens Engl. (2)*T. nelsonii* Oliv. subsp. *canescens* (Engl.) Launert (2)

Perennial. Shrub, climber. Ht 0.5–3 m. Alt ± 750 m. M

hypericoides (DC.) Burch. subsp. **hypericoides**

Perennial. Shrub, climber. Ht 0.5–3 m. Alt 500–1000

m. B, NC

hypericoides (DC.) Burch. subsp. **nelsonii** (Oliv.)

Immelman

T. nelsonii Oliv. (2)*T. nelsonii* Oliv. var. *austro-occidentalis* Schinz (2)*T. ovata* Bremek. (2)*T. rogersii* Burttt Davy (2)*T. ternata* Greenway & Burttt Davy (2)*T. thorncroftii* Burttt Davy (2)

Perennial. Shrub, climber. Ht 0.5–3 m. Alt 315–2500

m. N, LIM, NW, M

leendertziae Burttt Davy = **T. glaucophylla***nelsonii* Oliv. = **T. hypericoides** subsp. **nelsonii***nelsonii* Oliv. subsp. *canescens* (Engl.) Launert = **T.****hypericoides** subsp. **canescens***nelsonii* Oliv. var. *austro-occidentalis* Schinz = **T.****hypericoides** subsp. **nelsonii***ovata* Bremek. = **T. hypericoides** subsp. **nelsonii***rogersii* Burttt Davy = **T. hypericoides** subsp. **nelsonii***ternata* Greenway & Burttt Davy = **T. hypericoides** subsp.**nelsonii***thorncroftii* Burttt Davy = **T. hypericoides** subsp. **nel-****sonii***transvalica* Kuntze = **Sphedamnocarpus pruriens**subsp. **galphimiifolius**

MALVACEAE

Compiled by C.L. Bredenkamp & O.A. Leistner

***ABELMOSCHUS** Medik. 5014000(1) Exell. 1961. *FZ* 1: 423–426.(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 187.**esculentus** (L.) Moench*Hibiscus esculentus* L.

Annual, perennial. Herb. Ht 1–2 m. Alt 1070–1370 m.

G, KZN

ABUTILON Mill. 4983000(1) Meeuse. 1961. *FZ* 1: 484–499.(2) Roessler. 1969. *FSWA* 82: 2–7.(3) Wells *et al.* 1986. *Memoirs of the Botanical Survey of South Africa* No. 53: 36.(4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 187, 188.**angulatum** (Guill. & Perr.) Mast. var. **angulatum***A. intermedium* Hochst. ex Garcke (1)

Perennial. Shrub. Ht 1–3 m. Alt 273–1650 m. N, B,

LIM, NW, G, M

angulatum (Guill. & Perr.) Mast. var. **macrophyllum**

(Baker f.) Hochr.

Perennial. Shrub. Ht 2–3.04 m. Alt 90–870 m. N, LIM,

NW, KZN

asiaticum in sense of Garcke, misapplied name = **A.****guineense****austro-africanum** Hochr.

- Perennial. Dwarf shrub. Ht 0.5–0.75 m. Alt 60–1370 m. N, B, LIM, NW, G, M, S, KZN, NC
- dinteri** Ulbr.
A. sonneratianum in sense of F.Bolus, L.Bolus & Glover, not of (Cav.) Sweet, misapplied name (2)
Perennial. Shrub, herb. Ht 0.45–1.82 m. Alt up to 2000 m. N, NC
- engleranum** Ulbr.
A. membranifolium Baker f. (1)
Perennial. Shrub. Ht 0.5–3.04 m. Alt ± 940 m. N, B
- flanagani** A.Meeuse
Perennial. Dwarf shrub. Ht 0.25–0.4 m. Alt? EC
- flavum* Ulbr. = **A. pycnodon**
- fruticosum** Guill. & Perr.
Perennial. Shrub. Ht 0.15–1.25 m. Alt 275–1800 m. N, B, LIM, M
- galpinii** A.Meeuse
Perennial. Dwarf shrub. Ht 0.2–2 m. Alt 25–1525 m. NW, M, S, FS, KZN
- grandiflorum** G.Don
A. indicum in sense of Mast., not of Sweet, misapplied name (1)
Annual. Shrub, herb. Ht 0.35–1.82 m. Alt 5–1065 m. LIM, M, S, KZN
- grandifolium** (Willd.) Sweet
A. mollisimum of author, not of (Cav.) Sweet, concept invalid (5)
Perennial. Shrub. Ht 1.5–3 m. Alt 490–1400 m. KZN, EC
- grantii** A.Meeuse
A. indicum in sense of Harv., not of Sweet, misapplied name (1)
Perennial. Shrub. Ht 1–1.5 m. Alt 5–1310 m. KZN, EC
- graveolens* (Roxb. ex Hornem.) Wight & Arn. = **A. hirtum** var. **hirtum**
- guineense** (K.Schum.) Baker f. & Exell
A. asiaticum in sense of Garcke, misapplied name (1)
Annual. Shrub, herb. Ht 1–1.5 m. Alt 90–460 m. LIM, M, S, KZN
- harmsianum* Ulbr. = **A. ramosum**
- hirtum** (Lam.) Sweet var. **hirtum**
A. graveolens (Roxb. ex Hornem.) Wight & Arn. (1)
A. lugardii Hochr. (1)
Annual, occ. perennial. Shrub, herb. Ht 0.3–1.52 m. Alt 550–915 m. N, B, LIM
- indicum* in sense of Harv., not of Sweet, misapplied name = **A. grantii**
- indicum* in sense of Mast., not of Sweet, misapplied name = **A. grandiflorum**
- intermedium* Hochst. ex Garcke = **A. angulatum** var. **angulatum**
- lauraster** Hochr.
Annual. Shrub, herb. Ht 1–2 m. Alt? LIM
- lugardii* Hochr. = **A. hirtum** var. **hirtum**
- marlothii* Ulbr. = **A. pycnodon**
- matopense* Gibbs = **A. pycnodon**
- mauritanum** (Jacq.) Medik.
A. zanzibaricum Bojer ex Mast. (1)
Annual, occ. perennial. Shrub. Ht 1.21–1.82 m. Alt 275–730 m. B, LIM, M, KZN
- membranifolium* Baker f. = **A. engleranum**
- mendoncae* Baker f. = **A. pycnodon**
- mollisimum* of author, not of (Cav.) Sweet, concept invalid = **A. grandifolium**
- piloso-cinereum** A.Meeuse
Annual. Shrub, herb. Ht 0.2–1.5 m. Alt 590–1675 m. LIM, NW, G, M, FS
- pycnodon** Hochr.
A. flavum Ulbr. (2)
A. marlothii Ulbr. (2)
A. matopense Gibbs (5)
A. mendoncae Baker f. (2)
A. salmoneum Ulbr. (2)
Biennial. Shrub, herb. Ht 0.3–2 m. Alt 290–2135 m. N, B, LIM, NW, G, NC, WC
- ramosum** (Cav.) Guill. & Perr.
A. harmsianum Ulbr. (1)
Perennial. Shrub, herb. Ht 0.2–1.5 m. Alt 450–1370 m. N, B, LIM, NW, M
- rehmannii** Baker f.
A. seineri Ulbr. (1)
Annual. Shrub, herb. Ht 0.7–1.5 m. Alt 500–1300 m. N, B, LIM, NW, M, NC
- salmoneum* Ulbr. = **A. pycnodon**
- seineri* Ulbr. = **A. rehmannii**
- sonneratianum** (Cav.) Sweet
A. umtaliense Baker f. (1)
Perennial. Shrub. Ht 0.18–2 m. Alt 5–2750 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC
- sonneratianum* in sense of F.Bolus, L.Bolus & Glover, not of (Cav.) Sweet, misapplied name = **A. dinteri**
- *theophrasti** Medik.
Perennial. Herb. Ht? Alt? M, KZN
- umtaliense* Baker f. = **A. sonneratianum**
- zanzibaricum* Bojer ex Mast. = **A. mauritanum**
- ALLENIA** E.Phillips 5013020
- urens* (L.f.) E.Phillips = **Radyera urens**
- ALTHAEA** L. 4991000
(1) Roessler. 1969. *FSWA* 82,3: 7.
- burchellii* DC. = **Pavonia burchellii**
- ludwigii** L.
Annual. Herb. Ht ± 0.5 m. Alt ?–1005 m. N, NC
- ANISODONTEA** C.Presl 4986010
(1) Bates. 1969. *Gentes Herbarum* 10,3: 215–383.
- alexandri** (Baker f.) Bates
Malvastrum alexandri Baker f. (1)
Perennial. Shrub. Ht 0.1–0.3 m. Alt? EC
- anomala** (Link & Otto) Bates
A. dregeana Presl (1)
Malva anomala Link & Otto (1)
Malva divaricata in sense of Harv., not of Andrews, misapplied name (1)
Sphaeralcea dregeana (C.Presl) Harv. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.52 m. Alt 550–3000 m. NC, WC
- biflora** (Desr.) Bates
Malvastrum albens Harv. (1)
Malvastrum grosulariifolium in sense of Garcke, not of A.Gray, also not of A.Gray & Harv., misapplied name (1)
Malveopsis albens (Harv.) Kuntze (1)
Perennial. Shrub. Ht 0.5–1.82 m. Alt 500–1200 m. WC

bryoniifolia (L.) Bates

- Malvastrum asperrimum* (Jacq.) A.Gray & Harv. (1)
Malvastrum asperrimum (Jacq.) A.Gray & Harv. var. *stellatum* (Thunb.) Harv. (1)
Malvastrum bryoniifolium (L.) A.Gray & Harv. (1)
Malveopsis asperrima (Jacq.) Kuntze (1)
Malveopsis bryoniifolia (L.) Kuntze (1)
 Perennial. Shrub. Ht 1.37–2.5 m. Alt 700–3200 m. NC, WC

capensis (L.) Bates

- Malva capensis* L. var. *capensis* (1)
Malvastrum capense (L.) A.Gray & Harv., as to basionym (1)
Malvastrum capense (L.) A.Gray & Harv. var. *glabrescens* Harv., as to basionym (1)
Malvastrum divaricatum (Andrews) A.Gray & Harv. (1)
Malvastrum virgatum (Murray) A.Gray & Harv., as to basionym (1)
Malvastrum virgatum (Murray) A.Gray & Harv. var. *dillenianum* (Eckl. & Zeyh.) Harv., as to basionym (1)
 Perennial. Shrub. Ht 0.76–1.21 m. Alt 670–2167 m. NC, WC, EC

dissecta (Harv.) Bates

- Malvastrum dissectum* Harv. (1)
Malveopsis dissecta (Harv.) Kuntze (1)
 Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt? WC

dregeana Presl = **A. anomala****elegans** (Cav.) Bates

- Malva elegans* Cav. (1)
Sphaeralcea elegans (Cav.) G.Don (1)
 Perennial. Shrub. Ht 0.6–1.76 m. Alt 800–1700 m. WC

fruticosa (P.J.Bergius) Bates

- Malvastrum tridactyles* (Cav.) A.Gray & Harv. (1)
Malvastrum tridactyles (Cav.) A.Gray & Harv. var. *glabrum* Harv. (1)
Malvastrum tridactyles (Cav.) A.Gray & Harv. var. *puberulum* Harv. (1)
Malvastrum tridactyles (Cav.) A.Gray & Harv. var. *stellatum* Harv. (1)
 Perennial. Shrub. Ht 0.8–1.52 m. Alt 800–1000 m. WC

gracilis Bates

- Perennial. Dwarf shrub. Ht? Alt? WC

julii (Burch. ex DC.) Bates subsp. **julii**

- Sphaeralcea julii* (Burch. ex DC.) Baker f. (1)
Sphaeralcea pannosa in sense of E.Phillips, not of Bolus, misapplied name (1)
Sphaeroma julii (Burch. ex DC.) Harv. (1)
 Perennial. Shrub. Ht 0.81–2 m. Alt 1700–2900 m. FS, KZN, L, EC

julii (Burch. ex DC.) Bates subsp. **pannosa** (Bolus) Bates

- Sphaeralcea pannosa* Bolus (1)
Sphaeroma pannosum (Bolus) Kuntze (1)
 Perennial. Shrub. Ht 1–2.5 m. Alt 1–2300 m. KZN

julii (Burch. ex DC.) Bates subsp. **prostrata** (E.Mey. ex Turcz.) Bates

- Sphaeralcea prostrata* (Harv.) Baker f. var. *mollis* (Harv.) Baker f. (1)
Sphaeralcea prostrata (Turcz.) Baker f. (1)
Sphaeroma prostratum (Turcz.) Harv. var. *molle* Harv. (1)
Sphaeroma prostratum (Turcz.) Harv. var. *prostrata* (Turcz.) Baker f. (1)
 Perennial. Shrub. Ht 1.5–2.74 m. Alt 1400–2100 m. FS, KZN, L, EC

malvastroides (Baker f.) Bates

- Perennial. Shrub. Ht 0.5–1.5 m. Alt ?–1829 m. NC, WC, EC

procumbens (Harv.) Bates

- Malvastrum procumbens* Harv. (1)
 Perennial. Shrub. Ht 1–1.21 m. Alt ± 830 m. WC

pseudocapensis Bates

- Perennial. Dwarf shrub. Ht ± 0.3 m. Alt 200–400 m. WC

racemosa (Harv.) Bates

- Malvastrum racemosum* Harv. (1)
 Perennial. Dwarf shrub. Ht up to 0.8 m. Alt 812–1000 m. NC, WC

reflexa (J.C.Wendl.) Bates

- Perennial. Shrub. Ht 0.91–3.04 m. Alt 381–1300 m. WC, EC

scabrosa (L.) Bates

- Malva capensis* L. var. *scabrosa* (L.) L. (1)
Malva capensis of author., not of L., concept invalid (1)
Malva retusa Cav. (1)
Malvastrum angustifolium (Harv.) Stapf (1)
Malvastrum calycinum (Cav.) A.Gray & Harv. (1)
Malvastrum capense in sense of A.Gray & Harv. excl. basionym, misapplied name (1)
Malvastrum capense in sense of A.Gray & Harv. var. *balsamicum* (Jacq.) Harv., misapplied name (1)
Malvastrum capense in sense of A.Gray & Harv. var. *fragrans* (Jacq.) Baker, misapplied name (1)
Malvastrum capense in sense of A.Gray & Harv. var. *glabrescens* in sense of Harv. excl. basionym, misapplied name (1)
Malvastrum fragrans (Jacq.) A.Gray & Harv. (1)
Malvastrum grosulariifolium (Cav.) A.Gray & Harv. (1)
Malvastrum riparium Hutch. (1)
Malvastrum scabrosum (L.) Stapf (1)
Malvastrum strictum (Jacq.) A.Gray & Harv. (1)
Malvastrum virgatum in sense of A.Gray & Harv. excl. basionym, misapplied name (1)
Malvastrum virgatum in sense of A.Gray & Harv. var. *angustifolium* Harv., misapplied name (1)
Malvastrum virgatum in sense of A.Gray & Harv. var. *dillenianum* in sense of Harv., misapplied name (1)
Malvastrum virgatum in sense of A.Gray & Harv. var. *oblongifolium* Harv., misapplied name (1)
 Perennial. Shrub, dwarf shrub. Ht 0.2–3.66 m. Alt 2–1525 m. KZN, NC, WC, EC

setosa (Harv.) Bates

- Malvastrum alexandri* in sense of Hutch., misapplied name (1)
Malvastrum setosum Harv. (1)
Malveopsis setosa (Harv.) Kuntze (1)
 Perennial. Shrub, dwarf shrub. Ht 0.5–1.5 m. Alt 76–300 m. WC

theronii Bates

- Biennial. Shrub. Ht ± 1.2 m. Alt ± 800 m. WC

triloba (Thunb.) Bates

- Malvastrum grossulariifolium* in sense of A.Gray & Harv. in part, misapplied name (1)
Malvastrum grossulariifolium in sense of A.Gray & Harv. var. *parvifolium* Harv. in part, misapplied name (1)
 Perennial. Shrub. Ht 0.5–2.73 m. Alt 215–1600 m. NC, WC

***ANODA** Cav.

- 5002000
 (1) Correll & Johnston. 1970. *Manual of the vascular plants of Texas*: 1054.

cristata (L.) Schldl.

- Annual. Dwarf shrub, herb. Ht 0.45–0.53 m. Alt ?–1370 m. G

AZANZA Alef.

- 5018010

(1) Exell. 1961. *FZ* 1: 432–434.

garckeana (F.Hoffm.) Exell & Hillc.

- Shantzia garckeana* (F.Hoffm.) Lewton (1)
Thespesia garckeana F.Hoffm. (1)
 Perennial. Tree, shrub. Ht 4–10 m. Alt up to 2000 m. N, B, LIM

CIENFUEGOSIA Cav.

- 5019000
 (1) Exell. 1961. *FZ* 1: 426–428.
 (2) Exell. 1969. *FSWA* 82: 7, 8.

anomala (Wawra ex Wawra & Peyr.) Gürke = **Gossypium anomalum** subsp. **anomalum**

digitata Cav.

Perennial. Dwarf shrub, herb. Ht 0.15–1 m. Alt 850–1050 m. N, B, LIM

gerrardii (Harv.) Hochr.

Fugosia gerrardii Harv. (1)

Perennial. Shrub, herb. Ht up to 1 m. Alt 460–1465 m. M, S, KZN

hildebrandtii Garcke

Perennial. Shrub, herb. Ht 0.22–1.52 m. Alt 106–1525 m. N, LIM, M, S, KZN

pentaphylla K.Schum. = **Gossypium anomalum** subsp. **anomalum**

triphylla (Harv.) K.Schum. = **Gossypium triphyllum**

FUGOSIA Juss. 5019010

gerrardii Harv. = **Cienfuegosia gerrardii**

triphylla Harv. = **Gossypium triphyllum**

FURCARIA DC. 5013050

surattensis Kostel. = **Hibiscus surattensis**

GOSSYPIOIDES Skovst. ex J.B.Hutch. 5020010

(1) Exell. 1961. *FZ* 1: 432.

kirkii (Mast.) J.B.Hutch.

Perennial. Shrub. Ht ± 3.04 m. Alt 30–65 m. KZN

GOSSYPIUM L. 5020000

(1) Exell. 1961. *FZ* 1: 428–431.

(2) Exell. 1969. *FSWA* 82: 8–10.

(3) Vollesen. 1987. *Kew Bulletin* 42: 337–349.

(4) Fryxell. 1992. *Rheedea* 2: 108–165.

anomalum Wawra ex Wawra & Peyr. subsp. **anomalum**

Cienfuegosia anomala (Wawra & Peyr.) Gürke (3)

Cienfuegosia pentaphylla K.Schum. (3)

Perennial. Dwarf shrub. Ht 0.5–2.43 m. Alt 600–1100 m. N

anomalum Wawra ex Wawra & Peyr. subsp. *triphillum* (Harv.) Roberty = **G. triphyllum**

herbaceum L. subsp. **africanum** (Watt) Vollesen

G. herbaceum L. var. *africanum* (Watt) Hutch. & R.L.M.Ghose (3)

G. obtusifolium Roxb. ex G.Don var. *africanum* Watt (3)

G. transvaalense Watt (3)

Perennial. Shrub. Ht 0.5–1.5 m. Alt 5–1220 m. N, B, LIM, M, S, KZN

herbaceum L. var. *africanum* (Watt) Hutch. & R.L.M.Ghose = **G. herbaceum** subsp. **africanum**

obtusifolium Roxb. ex G.Don var. *africanum* Watt = **G. herbaceum** subsp. **africanum**

transvaalense Watt = **G. herbaceum** subsp. **africanum**

triphillum (Harv.) Hochr.

Cienfuegosia triphylla (Harv.) K.Schum. (3)

Fugosia triphylla Harv. (3)

G. anomalum Wawra ex Wawra & Peyr. subsp. *triphillum* (Harv.) Roberty (3)

Perennial. Shrub. Ht 0.4–1.5 m. Alt 900–1372 m. N, B

HIBISCUS L. 5013000

(1) Cavanilles. 1787. *Monadelphiae classis dissertationes decem. Diss.* 3.

(2) Drège. 1843. *Zwei pflanzengeographische Documente*: 192.

(3) Dyer. 1931. *The Flowering Plants of South Africa* 11: t. 436.

(4) Phillips. 1933. *The Flowering Plants of South Africa* 13: t. 514.

(5) Baker. 1938. *Journal of Botany, British and Foreign, London* 76: 22, 237.

(6) Baker. 1939. *Journal of Botany, British and Foreign, London* 77: 17–22.

(7) Dyer. 1948. *The Flowering Plants of Africa* 27: t. 1050.

(8) Dyer. 1953. *The Flowering Plants of Africa* 29: t. 1157.

(9) Exell. 1959. *Boletim da Sociedade Broteriana* 33: 165–181.

(10) Exell. 1961. *The Flowering Plants of Africa* 34: t. 1359.

(11) Exell. 1961. *FZ* 1: 434–472.

(12) Meeuse. 1961. *The Flowering Plants of Africa* 34: t. 1335.

(13) Verdoorn. 1966. *The Flowering Plants of Africa* 37: t. 1470.

(14) Exell. 1969. *FSWA* 82: 10–24.

(15) Roessler. 1985. *Botanische Jahrbücher* 107: 11–15.

(16) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 189–192.

(17) Phillipson. 1992. *The Flowering Plants of Africa* 52: t. 2057.

(18) Cheek. 1992. *The Flowering Plants of Africa* 52: t. 2058.

(19) Wilson. 1999. *Bulletin of the Natural History Museum London, Botany* 29: 47–79.

aethiopicus L. var. **aethiopicus**

H. aethiopicus L. var. *genuinus* Hochr. (11)

Perennial. Herb. Ht 0.14–0.35 m. Alt 15–1200 m. N, B, NW, S, KZN, L, NC, WC, EC

aethiopicus L. var. **angustifolius** (Eckl. & Zeyh.) Exell

H. aethiopicus L. var. *diversifolius* Harv. (11)

H. ovatus Cav. var. *angustifolius* Eckl. & Zeyh. (11)

H. zeyheri Hochr. (11)

Perennial. Herb. Length ± 0.18 m. Alt ?–1050 m. KZN, EC

aethiopicus L. var. *diversifolius* Harv. = **H. aethiopicus** L. var. **angustifolius**

aethiopicus L. var. *genuinus* Hochr. = **H. aethiopicus** var. **aethiopicus**

aethiopicus L. var. **ovatus** Harv.

H. leiospermus Harv. (11)

H. ovatus Cav. (11)

Perennial. Herb. Ht 0.05–0.45 m. Alt 30–2135 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

allenii Sprague & Hutch.

Perennial. Dwarf shrub, herb. Ht up to 0.75 m. Alt ?–1400 m. N, B

altissimus Hornby

H. furcatus in sense of Harv., not of Roxb., misapplied name (11)

Perennial. Shrub, climber, scrambler. Ht 9.14–10 m. Alt 30–1200 m. LIM, KZN

aponeurus in sense of Burt Davy, not of Sprague & Hutch., misapplied name = **H. barbosa**

aridus R.A.Dyer

Annual, occ. perennial. Herb, shrublet. Ht up to 0.15–0.3 m. Alt 230–610 m. EC

aristivalvis Garcke = **H. palmatus**

articulatus Hochst. ex A.Rich. var. **articulatus**

Perennial. Dwarf shrub, herb. Ht up to 0.75 m. Alt up to 1500 m. N

atromarginatus Eckl. & Zeyh. = **H. pusillus**

barbosa Exell

H. aponeurus in sense of Burt Davy, not of Sprague & Hutch., misapplied name (11)

Perennial. Herb. Ht 0.45–1.51 m. Alt 212–1065 m. LIM, M, S, KZN

barnardii Exell

Perennial. Dwarf shrub, herb. Ht 0.8–1.21 m. Alt ± 765 m. LIM, M

berberidifolius Cufod., not of A. Rich. = **H. diversifolius** subsp. **diversifolius**

biflorus A.Spreng. = **H. diversifolius** subsp. **diversifolius**

caesius Garcke var. **caesius**

H. gibsonii Stocks ex Harv. (11)

H. pentaphyllus F.Muell. (11)

Perennial. Shrub. Ht 0.45–2 m. Alt 215–1400 m. N, B, LIM, NW

calycinus Willd., illegitimate name = **H. calyphyllus**

calyphyllus Cav.

H. calycinus Willd., illegitimate name (11)

Perennial. Dwarf shrub, herb. Ht 0.02–3 m. Alt 5–1675 m. N, B, LIM, NW, G, M, S, FS, KZN, EC

cancellatus Roxb. (insufficiently known)

cannabinus Hiern, not of L. in part, as to specimen *Welwitsch 5263* = **H. sabdariffa**

cannabinus Hochr., not of L. (1759) in part, as to synonym *H. acetosella* = **H. mechowii**

cannabinus in sense of Ulbr. & Fr., not of L. in part, as to specimen *Fries 954*, misapplied name = **H. nigricaulis**

cannabinus L.

H. sabdariffa L. subsp. *cannabinus* (L.) Panigrahi & Murti

Annual. Herb. Ht 0.7–2.74 m. Alt 15–1250 m. N, B, LIM, NW, G, M, S, KZN

castroi Baker f. & Exell var. **castroi**

Perennial. Shrub, dwarf shrub. Ht 0.45–1.5 m. Alt ?–320 m. N

coddii Exell

Perennial. Herb. Ht 0.5–1.5 m. Alt 305–792 m. LIM, M

cordatus Hochst. ex Webb, not of D.Dietr., also not of Harv. = **H. rhabdotospermus**

cordatus in sense of Harv., not of D.Dietr., also not of Hochst. ex Webb, misapplied name = **H. engleri**

cordatus in sense of J.G.Garcia, misapplied name = **H. schinzii**

cucurbitinus Burch. = **Radyera urens**

dinteri Hochr.

Perennial. Shrub. Ht 0.9–2.43 m. Alt ?–1000 m. N

discophorus Hochr.

H. pseudosida Ulbr. (14)

Perennial. Herb. Ht up to 0.2 m. Alt? N

diversifolius Jacq. subsp. **diversifolius**

H. berberidifolius Cufod., not of A.Rich. (19)

H. biflorus A.Spreng. (19)

H. diversifolius Jacq. subsp. *genuinus* Hochr., illegitimate name (19)

H. diversifolius Jacq. var. *witteanus* Cufod., not of Hochr. (19)

H. ficulneus Cav., not of L., illegitimate name (19)

H. macularis E.Mey. ex Harv., naked name (19)

H. persicifolius Eckl. & Zeyh., name doubtful (11)

Perennial. Tree, shrub. Ht 0.75–10 m. Alt 1–500 m. KZN, WC, EC

diversifolius Jacq. subsp. *genuinus* Hochr., illegitimate name = **H. diversifolius** subsp. **diversifolius**

diversifolius Jacq. subsp. **rivularis** (Bremek. & Oberm.) Exell

H. rivularis Bremek. & Oberm. (19)

Perennial. Tree, shrub. Ht 1.5–4.57 m. Alt ± 1030 m. N, B

diversifolius Jacq. var. *witteanus* Cufod., not of Hochr. = **H. diversifolius** subsp. **diversifolius**

dongolensis Delile

Perennial. Shrub. Ht 0.4–2 m. Alt 155–1350 m. N, B, LIM, M, S, KZN

ebracteatus Mast. = **H. eliottiae**

ebracteatus Mast. var. *pechuelii* O.Kuntze = **H. eliottiae**

eliottiae Harv.

H. ebracteatus Mast. (14)

H. ebracteatus Mast. var. *pechuelii* O.Kuntze (14)

H. eliottiae Harv. var. *ebracteatus* (Mast.) Hochr. (14)

H. eliottiae Harv. var. *pechuelii* (O.Kuntze) Hochr. (14)

H. eliottiae Harv. var. *subciliatus* Hochr. (14)

Perennial. Shrub, dwarf shrub, herb. Ht 0.5–2 m. Alt 305–2000 m. N, NC

eliottiae Harv. var. *ebracteatus* (Mast.) Hochr. = **H. eliottiae**

eliottiae Harv. var. *pechuelii* (O.Kuntze) Hochr. = **H. eliottiae**

eliottiae Harv. var. *subciliatus* Hochr. = **H. eliottiae**

engleri K.Schum.

H. cordatus in sense of Harv., not of D.Dietr., also not of Hochst. ex Webb, misapplied name (11)

H. irritans R.A.Dyer (11)

H. subphysaloides Hochr. (11)

Perennial. Herb. Ht 0.05–5 m. Alt 185–1705 m. N, B, LIM, NW, G, M, S, KZN, NC

esculentus L. = **Abelmoschus esculentus**

ferrugineus in sense of Hochr., not of Cav., misapplied name = **H. fuscus**

ficulneus Cav., not of L., illegitimate name = **H. diversifolius** subsp. **diversifolius**

fleckii Gürke

Perennial. Herb. Ht 0.6–2.5 m. Alt 275–1405 m. N, NC

furcatus in sense of Harv., not of Roxb., misapplied name = **H. altissimus**

fuscus Garcke

H. ferrugineus in sense of Hochr., not of Cav., misapplied name (11)

H. gossypinus in sense of Harv., not of Thunb., misapplied name (11)

Perennial. Shrub. Ht 0.8–2.43 m. Alt 15–855 m. KZN, EC

gibsonii Harv. = **H. caesius** var. **caesius**

gossypinus in sense of Harv., not of Thunb., misapplied name = **H. fuscus**

gossypinus Thunb. = **H. pusillus**

intermedius A.Rich. = **H. palmatus**

irritans R.A.Dyer = **H. engleri**

kirkii Mast.

Perennial. Herb. Ht up to 1.5 m. Alt? N

lancibracteatus De Wild. & T.Durand = **H. mechowii**

leiospermus Harv. = **H. aethiopicus** var. **ovatus**

leptocalyx Sond. = **Pavonia leptocalyx**

lobatus (Murray) Kuntze

Annual. Herb. Ht 0.5–1.3 m. Alt 300–1400 m. B

ludwigii Eckl. & Zeyh.

H. macranthus Hochst. ex A.Rich. (11)

Perennial. Shrub, herb. Ht 1.67–2.74 m. Alt 30–1700 m. KZN, EC

lunarifolius Willd.

Perennial. Herb. Ht ± 1 m. Alt 300–1525 m. B, LIM, NW, G, M

macranthus Hochst. ex A.Rich. = **H. ludwigii**
macularis E.Mey. ex Harv., naked name = **H. diversifolius** subsp. **diversifolius**
malacospermus (Turcz.) E.Mey. ex Harv., naked name = **H. microcarpus**
marlothianus K.Schum.
 Perennial. Herb. Ht 0.1–0.25 m. Alt 610–1525 m. LIM, NW, FS, NC, EC
masuianus De Wild. & T.Durand = **H. sabdariffa**
mechowii Garcke
H. cannabinus Hochr., not of L. (1759) in part, as to synonym *H. acetocella* (19)
H. lancibracteatus De Wild. & T.Durand (19)
 Annual, occ. perennial. Shrub, herb. Ht up to 2 m. Alt? N, B
meeusei Exell = **H. nigricaulis**
mendoncae Exell subsp. *mendoncae* = **H. meyeri** subsp. **meyeri**
mendoncae Exell subsp. *transvaalensis* Exell = **H. meyeri** subsp. **transvaalensis**
merxmuelleri Roessler
 Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? N
meyeri Harv. subsp. **meyeri**
H. mendoncae Exell subsp. *mendoncae* (11)
 Perennial. Herb. Ht 0.45–2 m. Alt 105–762 m. LIM, M, S, KZN
meyeri Harv. subsp. **transvaalensis** (Exell) Exell
H. mendoncae Exell subsp. *transvaalensis* Exell (11)
 Perennial. Herb. Ht 0.01–2 m. Alt 400–1300 m. LIM, M
micranthus in sense of Baker f. in part, not of L.f., misapplied name = **H. praeteritus**
micranthus L.f. var. *hispidus* Cufod. = **H. sabiensis**
micranthus L.f. var. **micranthus**
 Perennial. Shrub, herb. Ht 0.2–2.5 m. Alt 70–2900 m. N, B, LIM, NW, G, M, S, KZN, NC, EC
microcarpus Garcke
H. malacospermus (Turcz.) E.Mey. ex Harv., naked name (2)
 Annual, occ. perennial. Herb. Ht 0.07–0.35 m. Alt 460–1830 m. N, LIM, NW, G, M, FS, KZN, L, EC
***mutabilis** L.
 Perennial. Shrub. Ht 1.5–2 m. Alt? G
mutatus N.E.Br.
 Perennial. Shrub. Ht 0.6–2.5 m. Alt 610–1500 m. N, B, LIM, NW
natalitius Harv. = **H. vitifolius** subsp. **vitifolius**
nigricaulis Baker f.
H. cannabinus in sense of Ulbr. & Fr., not of L. in part, as to specimen *Fries 954*, misapplied name (19)
H. meeusei Exell (19)
H. sabdariffa Mendonça & Torre, not of L. (1753) in part, as to specimen *Mendonça 332* (LISC) (19)
 Annual. Herb. Ht 1–1.5 m. Alt? N, B, LIM, G, M, S, KZN
okavangensis Exell
 Perennial. Shrub. Ht 1.5–2.5 m. Alt? N
ovatus Cav. = **H. aethiopicus** var. **ovatus**
ovatus Cav. var. *angustifolius* Eckl. & Zeyh. = **H. aethiopicus** var. **angustifolius**

palmatus Forssk.
H. aristivalvis Garcke (11)
H. intermedius A.Rich. (11)
 Perennial. Herb. Ht 0.2–0.76 m. Alt 152–1400 m. N, LIM, M, S
pedunculatus L.f.
 Perennial. Herb. Ht 0.3–2.43 m. Alt 5–1830 m. LIM, M, S, KZN, WC, EC
pentaphyllus F.Muell. = **H. caesius** var. **caesius**
persicifolius Eckl. & Zeyh., name doubtful = **H. diversifolius** subsp. **diversifolius**
physaloides Guill. & Perr.
 Annual, occ. perennial. Herb. Ht 0.76–2 m. Alt 10–855 m. LIM, S, KZN
physaloides Guill. & Perr. var. *genuinus* forma *schinzii* (Gürke) Hochr. = **H. schinzii**
platycalyx Mast.
H. rogersii Burt Davy (11)
H. seineri Engl. (11)
 Perennial. Shrub. Ht 0.76–2 m. Alt 915–1030 m. B, LIM
praeteritus R.A.Dyer
H. micranthus in sense of Baker f. in part, not of L.f., misapplied name (11)
 Biennial. Herb. Ht 0.6–2 m. Alt 290–1310 m. N, B, LIM, M
pseudosida Ulbr. = **H. discophorus**
pusillus Thunb.
H. atromarginatus Eckl. & Zeyh. (11)
H. gossypinus Thunb. (11)
 Perennial. Herb. Ht 0.05–0.5 m. Alt 15–2100 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
rhabdotospermus Garcke
H. cordatus Hochst. ex Webb, not of D.Dietr., also not of Harv. (11)
 Perennial. Herb. Ht 1–2 m. Alt 610–1000 m. N, B
ricinifolius E.Mey. ex Harv. = **H. vitifolius** subsp. **vitifolius**
rivularis Bremek. & Oberm. = **H. diversifolius** subsp. **rivularis**
rogersii Burt Davy = **H. platycalyx**
***sabdariffa** L.
H. cannabinus Hiern, not of L. in part, as to specimen *Welwitsch 5263* (19)
H. masuianus De Wild. & T.Durand (19)
H. sabdariffa L. var. *albus* A.Howard & G.Howard (19)
H. sabdariffa L. var. *altissima* Wester (19)
H. sabdariffa L. var. *bhaghalpuriensis* A.Howard & G.Howard (19)
H. sabdariffa L. var. *intermedius* A.Howard & G.Howard (19)
H. sabdariffa L. var. *ruber* A.Howard & G.Howard (19)
 Annual. Herb. Ht 1.5–4.5 m. Alt? N, NW, G
sabdariffa L. subsp. *cannabinus* (L.) Panigrahi & Murti = **H. cannabinus**
sabdariffa L. var. *albus* A.Howard & G.Howard = **H. sabdariffa**
sabdariffa L. var. *altissima* Wester = **H. sabdariffa**
sabdariffa L. var. *bhaghalpuriensis* A.Howard & G.Howard = **H. sabdariffa**
sabdariffa L. var. *intermedius* A.Howard & G.Howard = **H. sabdariffa**
sabdariffa L. var. *ruber* A.Howard & G.Howard = **H. sabdariffa**

sabdariffa Mendonça & Torre, not of L. (1753) in part, as to specimen *Mendonça 332* (LISC) = **H. nigri-caulis**

sabiensis Exell

H. micranthus L.f. var. *hispidus* Cufod. (11)
Perennial. Herb. Ht 0.3–1 m. Alt? LIM

saxatilis J.M.Wood & M.S.Evans

Perennial. Herb. Ht ± 0.3 m. Alt 762–2135 m. M, S, KZN

schinzii Gürke

H. cordatus in sense of J.G.García, misapplied name (11)
H. physaloides Guill. & Perr. var. *genuinus* forma *schinzii* (Gürke) Hochr. (11)

H. swynnertonii Baker f. (11)

Perennial. Herb. Ht 0.1–1.5 m. Alt 70–1065 m. N, B, LIM, G, M, KZN, NC

schinzii (Gürke) Hochr., not of *H. schinzii* Gürke = **H. sidiformis**

seineri Engl. = **H. platycalyx**

sidiformis Baill.

H. schinzii (Gürke) Hochr., not of *H. schinzii* Gürke (11)

H. ternatus (Cav.) Mast. (11)

H. ternifoliolus F.W.Andrews (11)

Annual. Herb. Ht 0.1–0.91 m. Alt 312–1200 m. N, B, LIM, NW, G, M, KZN

subphysaloides Hochr. = **H. engleri**

subreniformis Burt Davy

Perennial. Dwarf shrub, herb. Ht 0.4–1.43 m. Alt ?–1465 m. B, LIM, NW, G

sulfuranthus Ulbr.

Perennial. Shrub, dwarf shrub. Ht up to 1.5 m. Alt? N

surattensis L.

Furcaria surattensis Kostel. (19)

H. surattensis L. var. *genuinus* Hochr., illegitimate name (19)

H. surattensis L. var. *villosus* Hochr. (19)

Annual. Herb, climber. Ht 0.3–3 m. Alt 10–1700 m. LIM

surattensis L. var. *genuinus* Hochr., illegitimate name = **H. surattensis**

surattensis L. var. *villosus* Hochr. = **H. surattensis**

swynnertonii Baker f. = **H. schinzii**

***syriaca** L.

Perennial. Shrub. Ht 1.5–3 m. Alt? G

ternatus (Cav.) Mast. = **H. sidiformis**

ternifoliolus F.W.Andrews = **H. sidiformis**

tiliaceus L. subsp. **tiliaceus**

Paritium tiliaceum (L.) A.St.-Hil. (11)

Perennial. Tree, shrub. Ht 0.3–5 m. Alt up to 1065 m. KZN, EC

trionum L.

Annual. Herb. Ht 0.1–1.5 m. Alt 3–2635 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

upingtoniae Gürke

Annual, occ. perennial. Herb. Ht 0.4–1 m. Alt 312–790 m. N, B, LIM, M

urens L.f. = **Radyera urens**

vitifolius L. subsp. **vitifolius**

H. natalitius Harv. (11)

H. ricinifolius E.Mey. ex Harv. (11)

H. vitifolius L. var. *ricinifolius* Hochr. (11)

Perennial. Shrub, herb. Ht 1–1.5 m. Alt 5–915 m. LIM, M, S, KZN, EC

vitifolius L. subsp. **vulgaris** Brenan & Exell

H. vitifolius L. var. *genuinus* Hochr. (11)

Perennial. Shrub, herb. Ht 0.05–3.04 m. Alt 100–1800 m. N, B, LIM, NW, M, S, KZN

vitifolius L. var. *genuinus* Hochr. = **H. vitifolius** subsp. **vulgaris**

vitifolius L. var. *ricinifolius* Hochr. = **H. vitifolius** subsp. **vitifolius**

waterbergensis Exell

Perennial. Shrub. Ht 1–2 m. Alt ?–1065 m. LIM

zeyheri Hochr. = **H. aethiopicus** var. **angustifolius**

KOSTELETZKYA C.Presl 5015000

(1) Exell. 1961. *FZ* 1: 472–475.

buettneri Gürke

Annual, occ. perennial. Herb. Ht up to 1.8 m. Alt 900–1600 m. N, B

***LAVATERA** L. 4990000

(1) Fernandes. 1968. *Flora europaea*. 2: 251–253.

(2) Miller. 1997. *European garden flora* 5: 215–217.

arborea L.

Perennial. Shrub. Ht 0.5–2 m. Alt 5–600 m. N, FS, WC, EC

assurgentiflora Kellogg

Perennial. Shrub. Ht ± 4 m. Alt? G, NC

cretica L.

Annual. Herb. Ht up to 1.21 m. Alt ± 30 m. WC

trimestris L.

Annual. Herb. Ht up to 0.5 m. Alt? EC

***MALVA** L. 4992000

(1) Meeuse. 1961. *FZ* 1: 501–503.

(2) Roessler. 1969. *FSWA* 82: 24, 25.

(3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 192.

aegyptia L.

Annual. Herb. Ht ± 0.1 m. Alt ?–1000 m. FS, NC

anomala Link & Otto = **Anisodonteia anomala**

capensis L. var. *capensis* = **Anisodonteia capensis**

capensis L. var. *scabrosa* (L.) L. = **Anisodonteia scabrosa**

capensis of author, not of L., concept invalid = **Anisodonteia scabrosa**

divaricata in sense of Harv., not of Anderson, misapplied name = **Anisodonteia anomala**

elegans Cav. = **Anisodonteia elegans**

neglecta Wallr.

Perennial. Herb. Length 0.3–1 m. Alt ± 2400 m. LIM, NW, M, FS, KZN, L, EC

nicaensis All.

Herb. Ht? Alt? Distr.?

parviflora L. var. **parviflora**

Annual, occ. perennial. Herb. Length 0.15–0.4 m. Alt 15–1405 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

pusilla Sm.

Annual, occ. perennial. Herb. Length 0.2–0.5 m. Alt ?–1465 m. N, NW, FS, L, NC, WC, EC

retusa Cav. = **Anisodonteia scabrosa**

sylvestris L.

Biennial. Herb. Ht up to 1 m. Alt? NC

verticillata L. var. **crispa** L.

Biennial. Herb. Ht 0.5–2.43 m. Alt? N, G, FS

verticillata L. var. **verticillata**

Biennial. Herb. Ht 0.45–1.21 m. Alt 915–1705 m. N, NW, M, FS, L, NC

***MALVASTRUM** A.Gray 4995000

(1) Meeuse. 1961. *FZ* 1: 503.

albans Harv. = **Anisodonteia biflora**

alexandri Baker f. = **Anisodonteia alexandri**

alexandri in sense of Hutch., misapplied name = **Anisodonteia setosa**

angustifolium (Harv.) Stapf = **Anisodonteia scabrosa**

asperrimum (Jacq.) A.Gray & Harv. = **Anisodonteia bryoniifolia**

asperrimum (Jacq.) A.Gray & Harv. var. *stellatum* (Thunb.) Harv. = **Anisodonteia bryoniifolia**

bryoniifolium (L.) A.Gray & Harv. = **Anisodonteia bryoniifolia**

calycinum (Cav.) A.Gray & Harv. = **Anisodonteia scabrosa capense** in sense of A.Gray & Harv. excl. basionym, misapplied name = **Anisodonteia scabrosa**

capense in sense of A.Gray & Harv. var. *balsamicum* (Jacq.) Harv., misapplied name = **Anisodonteia scabrosa**

capense in sense of A.Gray & Harv. var. *fragrans* (Jacq.) Baker, misapplied name = **Anisodonteia scabrosa**

capense in sense of A.Gray & Harv. var. *glabrescens* in sense of Harv. excl. basionym, misapplied name = **Anisodonteia scabrosa**

capense (L.) A.Gray & Harv., as to basionym = **Anisodonteia capensis**

capense (L.) A.Gray & Harv. var. *glabrescens* Harv., as to basionym = **Anisodonteia capensis**

coromandelianum (L.) Garcke

Biennial. Dwarf shrub. Ht 0.6–1 m. Alt? N, B, LIM, G, M, S, KZN, EC

dissectum Harv. = **Anisodonteia dissecta**

divaricatum (Andrews) A.Gray & Harv. = **Anisodonteia capensis**

fragrans (Jacq.) A.Gray & Harv. = **Anisodonteia scabrosa**

grossulariifolium in sense of A.Gray & Harv. in part, misapplied name = **Anisodonteia triloba**

grossulariifolium in sense of A.Gray & Harv. var. *parvifolium* Harv. in part, misapplied name = **Anisodonteia triloba**

grossulariifolium (Cav.) A.Gray & Harv. = **Anisodonteia scabrosa**

grossulariifolium in sense of Garcke, not of A.Gray, also not of A.Gray & Harv., misapplied name = **Anisodonteia biflora**

procumbens Harv. = **Anisodonteia procumbens**

racemosum Harv. = **Anisodonteia racemosa**

riparium Hutch. = **Anisodonteia scabrosa**

scabrosum (L.) Stapf = **Anisodonteia scabrosa**

setosum Harv. = **Anisodonteia setosa**

strictum (Jacq.) A.Gray & Harv. = **Anisodonteia scabrosa**

tridactyles (Cav.) A.Gray & Harv. = **Anisodonteia fruticosa**

tridactyles (Cav.) A.Gray & Harv. var. *glabrum* Harv. = **Anisodonteia fruticosa**

tridactyles (Cav.) A.Gray & Harv. var. *puberulum* Harv. = **Anisodonteia fruticosa**

tridactyles (Cav.) A.Gray & Harv. var. *stellatum* Harv. = **Anisodonteia fruticosa**

virgatum in sense of A.Gray & Harv. excl. basionym, misapplied name = **Anisodonteia scabrosa**

virgatum in sense of A.Gray & Harv. var. *angustifolium* Harv., misapplied name = **Anisodonteia scabrosa**

virgatum in sense of A.Gray & Harv. var. *dillenianum* in sense of Harv., misapplied name = **Anisodonteia scabrosa**

virgatum in sense of A.Gray & Harv. var. *oblongifolium* Harv., misapplied name = **Anisodonteia scabrosa**

virgatum (Murray) A.Gray & Harv., as to basionym = **Anisodonteia capensis**

virgatum (Murray) A.Gray & Harv. var. *dillenianum* (Eckl. & Zeyh.) Harv., as to basionym = **Anisodonteia capensis**

MALVEOPSIS C.Presl 4986020

albans (Harv.) Kuntze = **Anisodonteia biflora**

asperrima (Jacq.) Kuntze = **Anisodonteia bryoniifolia**

bryoniifolia (L.) Kuntze = **Anisodonteia bryoniifolia**

dissecta (Harv.) Kuntze = **Anisodonteia dissecta**

setosa (Harv.) Kuntze = **Anisodonteia setosa**

***MODIOLA** Moench 4987000

(1) Moench. 1794. *Methodus*: 619.

(2) Burtt Davy. 1932. *A manual of the flowering plants and ferns of the Transvaal with Swaziland, South Africa* 2: 274.

(3) Adamson. 1950. *Flora of the Cape Peninsula*: 581.

(4) Krapovickas. 1965. *Flora de la Provincia de Buenos Aires* 4: 169–220.

caroliniana (L.) G.Don

M. multifida Moench (1)

Annual. Herb. Ht up to 0.07 m. Alt 275–1829 m. G, M, FS, WC, EC

multifida Moench = **M. caroliniana**

PARITIUM A.St.-Hil. 5013030

tiliaceum (L.) A.St.-Hil. = **Hibiscus tiliaceus** subsp. **tiliaceus**

PAVONIA Cav. 5007000

(1) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 334.

(2) Dyer. 1932. *Kew Bulletin* 1932: 152, 278.

(3) Meeuse. 1961. *FZ* 1: 504.

(4) Leistner. 1969. *Bothalia* 10: 74.

(5) Roessler. 1969. *FSWA* 82: 25–28.

(6) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 193.

(7) Taussig. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 498.

baumii Gürke = **P. senegalensis**

burchellii (DC.) R.A.Dyer

- Althaea burchellii* DC. (3)
P. kraussiana Hochst. (5)
P. macrophylla E.Mey. ex Harv. (3)
P. patens (Andrews) Chiov. (7)
 Perennial. Dwarf shrub. Ht 0.06–2 m. Alt up to 1728 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC
- clathrata** Mast.
P. schumanniana Gürke & Schinz (3)
 Annual, perennial. Shrub, herb. Ht 0.2–1.5 m. Alt 855–1650 m. N, B, LIM, NW, G
- columella** Cav.
P. galpiniana Schinz (3)
P. meyeri Mast. (3)
P. mollis E.Mey. ex Harv. (3)
 Perennial. Shrub, herb. Ht 0.2–2.43 m. Alt 30–2075 m. LIM, NW, G, M, S, KZN, WC, EC
- dentata** Burtt Davy
 Perennial. Dwarf shrub. Ht 0.6–1.5 m. Alt up to 550 m. LIM
- dregei** Garcke
P. microphylla E.Mey. ex Harv. (3)
 Biennial. Dwarf shrub. Ht 0.35–1.5 m. Alt 5–155 m. KZN
- elegans** Garcke
 Annual. Herb. Ht 0.6–0.91 m. Alt up to 245 m. M
- fruticulosa* Ulbr. = **P. leptocalyx**
galpiniana Schinz = **P. columella**
- gossweileri** Exell
 Perennial. Shrub. Ht up to 1.5 m. Alt? N
- hirsuta* Guill. & Perr. = **P. senegalensis**
kraussiana Hochst. = **P. burchellii**
- leptocalyx** (Sond.) Ulbr.
Hibiscus leptocalyx Sond. (3)
P. fruticulosa Ulbr. (3)
 Perennial. Dwarf shrub. Ht 0.1–0.91 m. Alt 85–1463 m. LIM, NW, G, M, KZN
- macrophylla* E.Mey. ex Harv. = **P. burchellii**
meyeri Mast. = **P. columella**
microphylla E.Mey. ex Harv. = **P. dregei**
mollis E.Mey. ex Harv. = **P. columella**
patens (Andrews) Chiov. = **P. burchellii**
- praemorsa** (L.f.) Cav.
 Perennial. Shrub. Ht 0.03–2.04 m. Alt 15–765 m. EC
- rehmannii** Szyszyl.
P. vespertilionacea Hochr. (5)
 Perennial. Dwarf shrub. Ht 0.2–0.61 m. Alt 800–2000 m. N
- schimperiana* Hochst. ex A.Rich. = **P. urens** var. **urens**
schumanniana Gürke & Schinz = **P. clathrata**
- senegalensis** (Cav.) Leistner
P. baumii Gürke (3)
P. hirsuta Guill. & Perr. (4)
 Annual, occ. perennial. Herb. Ht 0.5–1 m. Alt 600–1350 m. N, B, LIM, NW, G, NC
- transvaalensis** (Ulbr.) A.Meeuse
 Annual, occ. perennial. Dwarf shrub, herb. Ht 0.2–1.21 m. Alt 915–1525 m. LIM, NW, G, M, KZN
- urens** Cav. var. **urens**
P. schimperiana Hochst. ex A.Rich. (3)
 Perennial. Shrub, dwarf shrub. Ht 1–3 m. Alt 600–2000 m. KZN
- vespertonacea* Hochr. = **P. rehmannii**
- RADYERA** Bullock 5013010
 (1) Bullock. 1957. *Kew Bulletin* 1956: 454.
 (2) Exell. 1969. *FSWA* 82: 28.
- urens** (L.f.) Bullock
Allenia urens (L.f.) E.Phillips (2)
Hibiscus cucurbitinus Burch. (2)
Hibiscus urens L.f. (2)
 Perennial. Shrub, herb. Ht 0.15–0.91 m. Alt 100–1420 m. N, B, NW, G, FS, NC, WC, EC
- SHANTZIA** Lewton 5018020
garckeana (F.Hoffm.) Lewton = **Azanza garckeana**
- SIDA** L. 4998000
 (1) Harvey. 1860. *FC* 1: 166–168.
 (2) Meeuse. 1961. *FZ* 1: 475–484.
 (3) Roessler. 1969. *FSWA* 82: 29–31.
 (4) Robertson. 1989. *Flowering plants of Seychelles*: 18–20.
 (5) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 194, 195.
 (6) Taussig. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 498.
 (7) Thulin. 1999. *Nordic Journal of Botany* 19: 421–425.
- acuta** Burm.f. subsp. **acuta**
S. carpinifolia in sense of Mast., misapplied name (2)
 Perennial. Shrub, dwarf shrub. Ht 0.45–1.37 m. Alt 460–1219 m. N, LIM, M, S, KZN
- alba** L.
 Annual, occ. perennial. Dwarf shrub. Ht 0.3–0.75 m. Alt 120–1465 m. N, B, LIM, NW, G, M, S, KZN, L
- aurescens* Ulbr. = **S. ovata**
carpinifolia in sense of Mast., misapplied name = **S. acuta** subsp. **acuta**
- chionantha* Ulbr. = **S. ovata**
- chrysantha** Ulbr.
 Perennial. Dwarf shrub. Ht 0.05–0.6 m. Alt 275–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC
- cordifolia** L.
S. velutina Willd. ex Spreng. (1)
 Annual, occ. perennial. Dwarf shrub. Ht 0.06–1 m. Alt 10–1465 m. N, B, LIM, NW, G, M, S, KZN, NC
- dinteriana* Hochr. = **S. ovata**
- dregei** Burtt Davy
S. lancifolia Burtt Davy (2)
S. longipes E.Mey. ex Harv. (2)
 Annual, biennial. Dwarf shrub, herb. Ht 0.2–1 m. Alt 15–1695 m. LIM, NW, G, M, S, FS, KZN, WC, EC
- flexuosa* Burtt Davy = **S. ovata**
grewioides Guill. & Perr. = **S. ovata**
hislopii Burtt Davy & Greenway = **S. pseudocordifolia**
hoepfneri Gürke = **S. ovata**
lancifolia Burtt Davy = **S. dregei**
longipes E.Mey. ex Harv. = **S. dregei**
- ovata** Forssk.
S. aurescens Ulbr. (3)
S. chionantha Ulbr. (3)
S. dinteriana Hochr. (3)
S. flexuosa Burtt Davy (2)
S. grewioides Guill. & Perr. (2)
S. hoepfneri Gürke (2)

Annual, perennial. Dwarf shrub, herb. Ht 0.2–0.5 m.
Alt 792–1168 m. N, B, LIM, NW, M, NC

pseudocordifolia Hochr.

S. hislopii Burt Davy & Greenway (2)

Perennial. Shrub, herb. Ht 0.4–1.21 m. Alt 25–1400 m.
LIM, NW, M, S, KZN

rhombifolia L. subsp. **rhombifolia**

Annual, biennial. Shrub, dwarf shrub, herb. Ht 0.12–
1.04 m. Alt 5–2100 m. B, LIM, NW, G, M, S,
FS, KZN, L, NC, EC

serratifolia R. Wilczek & Steyaert

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt up to 1066
m. LIM, S

spinosa L. var. **spinosa**

Annual, occ. perennial. Dwarf shrub, herb. Ht 0.3–0.6
m. Alt 667–1400 m. NW, G, M, FS, KZN

ternata L.f.

S. triloba Cav. (2)

Annual. Herb. Ht 0.1–0.76 m. Alt 15–1695 m. LIM,
NW, G, M, S, FS, KZN, NC, WC, EC

triloba Cav. = **S. ternata**

velutina Willd. ex Spreng. = **S. cordifolia**

***SPHAERALCEA** A. St.-Hil. 4986000

(1) Krapovickas. 1965. *Flora de la Provincia de Buenos Aires* 4: 212.

bonariensis (Cav.) Griseb.

Perennial. Dwarf shrub. Ht 0.01–1.06 m. Alt up to
1495 m. NW, G, FS, NC, EC

dregeana (C. Presl) Harv. = **Anisodonteia anomala**

elegans (Cav.) G. Don = **Anisodonteia elegans**

julii (Burch. ex DC.) Baker f. = **Anisodonteia julii** subsp.
julii

pannosa Bolus = **Anisodonteia julii** subsp. **pannosa**

pannosa in sense of E. Phillips, not of Bolus, misapplied
name = **Anisodonteia julii** subsp. **julii**

prostrata (Harv.) Baker f. var. *mollis* (Harv.) Baker f. =
Anisodonteia julii subsp. **prostrata**

prostrata (Turcz.) Baker f. = **Anisodonteia julii** subsp.
prostrata

SPHAEROMA DC. 4986030

julii (Burch. ex DC.) Harv. = **Anisodonteia julii** subsp.
julii

pannosum (Bolus) Kuntze = **Anisodonteia julii** subsp.
pannosa

prostratum (Turcz.) Harv. var. *molle* Harv. = **Aniso-**
donteia julii subsp. **prostrata**

prostratum (Turcz.) Harv. var. *prostrata* (Turcz.) Baker
f. = **Anisodonteia julii** subsp. **prostrata**

THESPESIA Sol. ex Corrêa 5018000

(1) Exell. 1961. *FZ* 1: 421–423.

(2) Verdoorn. 1966. *The Flowering Plants of Africa* 37: t. 1468.

(3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs*
d'Afrique tropicale 1: 195.

acutiloba (Baker f.) Exell & Mendonça

T. populnea (L.) Sol. ex Corrêa var. *acutiloba* Baker f. (1)

Perennial. Tree, shrub. Ht 0.71–5.14 m. Alt 15–610 m.
KZN

garckeana F. Hoffm. = **Azanza garckeana**

populnea (L.) Sol. ex Corrêa var. *acutiloba* Baker f. = **T.**
acutiloba

***URENA** L. 5006000

(1) Meeuse. 1961. *FZ* 1: 503, 504.

(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique*
tropicale 1: 195.

lobata L. subsp. **lobata** var. **lobata**

Annual, occ. perennial. Dwarf shrub. Ht up to 1 m.
Alt? N, M

WISSADULA Medik. 4985000

(1) Meeuse. 1961. *FZ* 1: 499–501.

(2) Roesler. 1969. *FSWA* 82: 32.

(3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique*
tropicale 1: 195.

amplissima R.E. Fr. var. *rostrata* (Schumach.) R.E. Fr. =
W. rostrata

rostrata (Schumach.) Hook. f.

W. amplissima R.E. Fr. var. *rostrata* (Schumach.) R.E. Fr. (1)

Perennial. Shrub. Ht 0.75–1.75 m. Alt 275–940 m. N,
B, M

MELASTOMATACEAE

Compiled by C.L. Bredenkamp

ANTHEROTOMA (Naudin) 5651000
Hook. f.

(1) Fernandes & Fernandes. 1978. *FZ* 4: 229–231.

(2) Jacques-Félix. 1995. *Bulletin du Muséum d'Histoire Naturelle*,
Paris 16,4, Section B. *Adansonia* 2-4: 270.

debilis (Sond.) Jacq.-Fél.

Dissotis debilis (Sond.) Triana var. *debilis* (2)

Dissotis debilis (Sond.) Triana var. *lanceolata* (Cogn.) A. Fern. &
R. Fern. (2)

Dissotis debilis (Sond.) Triana var. *pedicellata* A. Fern. & R. Fern. (2)

Dissotis debilis (Sond.) Triana var. *postpluvialis* (Gilg) A. Fern. &
R. Fern. (2)

Dissotis debilis (Sond.) Triana var. *prostrata* A. Fern. & R. Fern. (2)

Dissotis debilis (Sond.) Triana var. *pusilla* (R.E. Fr.) A. Fern. &
R. Fern. (2)

Perennial. Herb. Ht 0.1–0.95 m. Alt 630–1700 m. N,
B, LIM, NW, G, S, EC

naudinii Hook. f.

Annual. Herb. Ht 0.06–0.38 m. Alt 855–1950 m. LIM,
G, M, S, KZN

phaeotricha (Hochst.) Jacq.-Fél.

Dissotis phaeotricha (Hochst.) Hook. f. var. *hirsuta* (Cogn.) A. Fern.
& R. Fern. (2)

Dissotis phaeotricha (Hochst.) Hook. f. var. *phaeotricha* (2)

Dissotis phaeotricha (Hochst.) Hook. f. var. *villosissima* A. Fern. &
R. Fern. (2)

Perennial. Herb. Ht up to 0.6 m. Alt 180–1350 m.
LIM, M, S, KZN

DISSOTIS Benth. 5659000

- (1) Dyer. 1957. *The Flowering Plants of Africa* 32: t. 1250.
- (2) Fernandes. 1978. *FZ* 4: 240–269.
- (3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 152–154.
- (4) Jacques-Félix. 1995. *Bulletin du Muséum d'Histoire Naturelle*, Paris 16,4, Section B. *Adansonia* 2-4: 270–272.

canescens (E.Mey. ex R.A.Graham) Hook.f.
Perennial. Shrub, herb. Ht 0.25–1.8 m. Alt 5–3100 m.
LIM, M, S, KZN, EC

debilis (Sond.) Triana var. *debilis* = **Antherotoma debilis**
debilis (Sond.) Triana var. *lanceolata* (Cogn.) A.Fern. &
R.Fern. = **Antherotoma debilis**

debilis (Sond.) Triana var. *pedicellata* A.Fern. & R.Fern.
= **Antherotoma debilis**

debilis (Sond.) Triana var. *postpluvialis* (Gilg) A.Fern.
& R.Fern. = **Antherotoma debilis**

debilis (Sond.) Triana var. *prostrata* A.Fern. & R.Fern.
= **Antherotoma debilis**

debilis (Sond.) Triana var. *pusilla* (R.E.Fr.) A.Fern. &
R.Fern. = **Antherotoma debilis**

phaeotricha (Hochst.) Hook.f. var. *hirsuta* (Cogn.) A.Fern.
& R.Fern. = **Antherotoma phaeotricha**

phaeotricha (Hochst.) Hook.f. var. *phaeotricha* = **Anthero-**
toma phaeotricha

phaeotricha (Hochst.) Hook.f. var. *villosissima* A.Fern.
& R.Fern. = **Antherotoma phaeotricha**

princeps (Kunth) Triana var. *candolleana* (Cogn.) A.Fern.
& R.Fern.

Perennial. Shrub, herb. Ht up to 4 m. Alt 1050–1400
m. LIM, S, KZN

princeps (Kunth) Triana var. **princeps**
Perennial. Shrub, herb. Ht 0.91–4 m. Alt 490–1980 m.
N, B, LIM, S, KZN

pulchra A.Fern. & R.Fern.
Perennial. Shrub, herb. Ht 0.9–3.6 m. Alt up to 1650
m. N

***HETEROCENTRON** Hook. 5642000
& Arn.

- (1) Bailey & Bailey. 1977. *Hortus third*: 558.
- (2) Fernandes. 1978. *FZ* 4: 220.

macrostachyum Naudin
H. roseum A.Braun & C.D.Bouché (1)

Perennial. Shrub. Ht 1–1.5 m. Alt up to 50 m. M, KZN
roseum A.Braun & C.D.Bouché = **H. macrostachyum**

MELASTOMASTRUM Naudin 5659010

- (1) Fernandes & Fernandes. 1956. *Memórias da Sociedade Broteriana*
11: 12.
- (2) Fernandes. 1978. *FZ* 4: 237–240.

segregatum (Benth.) A.Fern. & R.Fern. forma **segrega-**
tum

Perennial. Shrub. Ht up to 2 m. Alt? N, B

MEMECYLON L. 5788000

- (1) Fernandes & Fernandes. 1972. *Boletim da Sociedade Broteriana*
46: 67.
- (2) Fernandes & Fernandes. 1978. *FZ* 4: 221–229.
- (3) Jacques-Félix. 1978. *Bulletin du Muséum d'Histoire Naturelle*,
Paris. *Adansonia* 2-18: 220–235.
- (4) Jacques-Félix. 1980. *Bulletin du Muséum d'Histoire Naturelle*,
Paris. *Adansonia* 2-19: 257–268.
- (5) Van Wyk. 1983. *South African Journal of Botany* 2: 173.
- (6) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique*
tropicale 1: 159.
- (7) Jacques-Félix. 1995. *Bulletin du Muséum d'Histoire Naturelle*,
Paris 16,4, Section B. *Adansonia* 2-4: 281.
- (8) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern*
Africa, edn 3: 19.

bachmannii Engl.

Perennial. Tree. Ht 2–6.09 m. Alt up to 395 m. KZN,
EC

natalense Markgr.

Perennial. Tree, shrub. Ht 1.82–7 m. Alt 300–1100 m.
LIM, KZN

sousae A.Fern. & R.Fern. = **Warneckea sousae**

WARNECKEA Gilg 5788010

- (1) Fernandes & Fernandes. 1972. *Boletim da Sociedade Broteriana*
46: 67.
- (2) Jacques-Félix. 1978. *Bulletin du Muséum d'Histoire Naturelle*,
Paris. *Adansonia* 2-18: 220–235.
- (3) Jacques-Félix. 1980. *Bulletin du Muséum d'Histoire Naturelle*,
Paris. *Adansonia* 2-19: 257–268.
- (4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique*
tropicale 1: 159.
- (5) Jacques-Félix. 1995. *Bulletin du Muséum d'Histoire Naturelle*, Paris
16,4, Section B. *Adansonia* 2-4: 281.
- (6) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern*
Africa, edn 3: 19.

sousae (A.Fern. & R.Fern.) A.E.van Wyk

Memecylon sousae A.Fern. & R.Fern. (6)

Perennial. Shrub. Ht 3–5 m. Alt up to 105 m. S, KZN

MELIACEAE

Compiled by R.H. Archer

AITONIA Thunb., illegitimate name 4168010

capensis Thunb. = **Nymanina capensis**

***CEDRELA** P.Browne 4155000

- (1) Pennington & Styles. 1975. *Blumea* 22: 512.
- (2) White & Styles. 1986. *FSA* 18,3: 60.

odorata L.

Perennial. Tree. Ht 9–15 m. Alt ?–380 m. G, M, S,
KZN

toona Roxb. ex Rottler & Willd. = **Toona ciliata**

EKEBERGIA Sparrm. 4193000

- (1) White & Styles. 1963. *FZ* 2: 316–319.
- (2) White & Styles. 1986. *FSA* 18,3: 51–53.

capensis Sparrm.

E. meyeri C.Presl & C.DC. (1)

Trichilia ekebergia E.Mey. ex Sond. (1)

Perennial. Tree. Ht 2–18 m. Alt 5–2075 m. B, LIM, M,
S, KZN, EC

meyeri C.Presl & C.DC. = **E. capensis**

pterophylla (C.DC.) Hofmeyr

Perennial. Tree, shrub. Ht 1–7 m. Alt 90–1980 m. LIM, M, S, KZN, WC, EC

ENTANDROPHRAGMA C.DC. 4163000

(1) White & Styles. 1963. *FZ* 2: 289–293.

(2) White & Styles. 1986. *FSA* 18,3: 59–61.

(3) De Winter & Condy. 1999. *Flowering Plants of Africa* 56: 74–80, t. 2153.

caudatum (Sprague) Sprague

Perennial. Tree. Ht 3–20(–30) m. Alt 60–662 m. N, B, LIM, M, S, KZN

spicatum (C.DC.) Sprague

Wulforstia spicata C.DC. (1)

Perennial. Tree. Ht 2–20(–30) m. Alt ?–335 m. N

***KHAYA** A.Juss. 4159000

(1) White & Styles. 1963. *FZ* 2: 287.

(2) White & Styles. 1986. *FSA* 18: 60.

(3) Styles & White. 1991. *FTEA* Meliaceae: 46.

anthotheca (Welw.) C.DC.

Perennial. Tree. Ht 1–40 m. Alt 10–2000 m. LIM, M, KZN

***MELIA** L. 4175000

(1) White & Styles. 1963. *FZ* 2: 315.

(2) White & Styles. 1986. *FSA* 18,3: 49–51.

azedarach L.

Perennial. Tree. Ht 1–30 m. Alt 10–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

NURMONIA Harms 4170010

pulchella Harms = **Turraea pulchella**

NYMANIA Lindb. 4168000

(1) Verdoorn. 1965. *The Flowering Plants of Africa* 37: t. 1454.

(2) Pennington & Styles. 1975. *Blumea* 22: 460.

(3) White & Styles. 1986. *FSA* 18,3: 39–41.

capensis (Thunb.) Lindb.

Aitonia capensis Thunb. (2)

Perennial. Tree, shrub. Ht 1–6 m. Alt 122–1600 m. N, NC, WC, EC

PSEUDOBERSAMA Verdc. 4195010

(1) White & Styles. 1963. *FZ* 2: 304, 305.

(2) White & Styles. 1986. *FSA* 18,3: 57–59.

mossambicensis (Sim) Verdc.

Perennial. Tree. Ht 3.5–12 m. Alt 10–500 m. KZN

***TOONA** (Endl.) M.Roem. 4156000

(1) Pennington & Styles. 1975. *Blumea* 22: 512, 513.

(2) White & Styles. 1986. *FSA* 18,3: 61.

(3) Edmonds. 1995. *Flora Malesiana* 12: 358–371.

ciliata M.Roem.

Cedrela toona Roxb. ex Rottler & Willd. (1)

Perennial. Tree. Ht 5–12 m. Alt ?–750 m. M, KZN

TRICHILIA P.Browne 4195000

(1) White & Styles. 1963. *FZ* 2: 297–304.

(2) De Wilde. 1968. *Mededelingen Landbouwhogeschool Wageningen* 68-2: 50.

(3) White & Styles. 1986. *FSA* 18,3: 53–57.

dregeana Sond.

Perennial. Tree. Ht 2–15 m. Alt 15–1220 m. LIM, M, KZN, EC

ekebergia E.Mey. ex Sond. = **Ekebergia capensis**

emetica Vahl subsp. **emetica**

T. roka Chiov., illegitimate name (1)

Perennial. Tree. Ht 2–18 m. Alt 5–1800 m. N, B, LIM, M, S, KZN

roka Chiov., illegitimate name = **T. emetica** subsp. **emetica**

TURRAEA L. 4171000

(1) White & Styles. 1963. *FZ* 2: 307–315.

(2) Killick. 1967. *The Flowering Plants of Africa* 38: t. 1499.

(3) Pennington & Styles. 1975. *Blumea* 22: 454–458.

(4) White & Styles. 1986. *FSA* 18,3: 41–49.

(5) White. 1988. *The Flowering Plants of Africa* 50: t. 1962.

(6) Williams. 1989. *Bothalia* 19: 31, 32.

floribunda Hochst.

T. heterophylla in sense of Sond., misapplied name (1)

Perennial. Shrub, tree. Ht 1–9 m. Alt 5–915 m. S, KZN, EC

heterophylla in sense of Sond., misapplied name = **T. floribunda**

nilotica Kotschy & Peyr.

T. randii Baker f. (1)

Perennial. Tree, shrub. Ht 1.5–6 m. Alt 425–1065 m. LIM, M, S

oblancifolia Bremek. = **T. obtusifolia**

obtusifolia Hochst.

T. oblancifolia Bremek. (1)

T. obtusifolia Hochst. var. *microphylla* C.DC. (1)

Perennial. Tree, shrub, climber. Ht 0.6–5 m. Alt 5–1405 m. B, LIM, NW, G, M, S, KZN, EC

obtusifolia Hochst. var. *microphylla* C.DC. = **T. obtusifolia**

pulchella (Harms) T.D.Penn.

Nurmonia pulchella Harms (3)

Perennial. Dwarf shrub. Ht ± 0.2 m. Alt 305–365 m. KZN, EC

randii Baker f. = **T. nilotica**

streyi F.White & Styles

Perennial. Dwarf shrub. Ht ± 0.75 m. Alt 50–200 m. KZN

zambesica Sprague & Hutch.

Perennial. Tree, shrub. Ht 2–5 m. Alt ± 980 m. N, B

WULFHORSTIA C.DC. 4162010

spicata C.DC. = **Entandrophragma spicatum**

XYLOCARPUS J.König 4167000

(1) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 447.

granatum J.König

Perennial. Tree. Ht ± 5 m. Alt 1–10 m. KZN

MELIANTHACEAE

Compiled by R.H. Archer

BERSAMA Fresen. 4853000

- (1) Phillips. 1921. *Bothalia* 1: 33–39.
 (2) Verdcourt. 1955. *Kew Bulletin* 1955: 600, 601.
 (3) White. 1966. *FZ* 2: 544–547.
 (4) Van Wyk & Van Wyk. 1997. *Field guide to trees of southern Africa*: 468–471.

lucens (Hochst.) Szyszyl.*Natalia lucens* Hochst. (1)

Perennial. Tree, shrub. Ht 1.5–9 m. Alt 5–1525 m. M, S, KZN, EC

stayneri E.Phillips = **B. tysoniana****swinyi** E.Phillips

Perennial. Tree. Ht 1.5–10 m. Alt 150–1405 m. KZN, EC

transvaalensis Turrill = **B. tysoniana****tysoniana** Oliv.*B. stayneri* E.Phillips (2, 4)*B. transvaalensis* Turrill (insufficiently known, 2)

Perennial. Tree, shrub. Ht 3–15 m. Alt 150–1980 m. LIM, M, S, KZN, EC

MELIANTHUS L. 4854000

- (1) Phillips & Hofmeyr. 1927. *Bothalia* 2: 351–355.
 (2) Dyer. 1952. *The Flowering Plants of Africa* 29: t. 1140.
 (3) Dyer. 1959. *The Flowering Plants of Africa* 33: t. 1310.
 (4) Wijnands. 1983. *Botany of the Commelins*: 146.
 (5) Tansley & Schelpe. 1984. *Bothalia* 15: 143–145.
 (6) Brummitt. 1994. *Taxon* 43: 461.
 (7) Archer & Condy. 1997. *Flowering Plants of Africa* 55: 82–85, t. 2135.

comosus in sense of Burt Davy, not of Vahl, misapplied name = **M. dregeanus** subsp. **insignis****comosus** Vahl

Perennial. Tree, shrub. Ht 0.7–2.4 m. Alt 120–2230 m. N, NW, G, M, FS, L, NC, WC, EC

dregeanus Sond. subsp. **dregeanus**

Perennial. Shrub. Ht 0.6–2 m. Alt 365–1400 m. EC

dregeanus Sond. subsp. **insignis** (Kuntze) S.A.Tansley
M. comosus in sense of Burt Davy, not of Vahl, misapplied name (3)
M. dregeanus Sond. var. *insignis* (Kuntze) E.Phillips & Hofmeyr (5)
M. insignis Kuntze (5)

Perennial. Shrub. Ht 1–2.4 m. Alt 900–2000 m. M, FS, KZN

dregeanus Sond. var. *insignis* (Kuntze) E.Phillips & Hofmeyr = **M. dregeanus** subsp. **insignis****elongatus** Wijnands*M. minor* L., name rejected (6)

Perennial. Shrub. Ht 0.5–1.5 m. Alt 20–600 m. NC, WC

gariepinus Merxm. & Roessler = **M. pectinatus** subsp. **gariepinus***insignis* Kuntze = **M. dregeanus** subsp. **insignis****major** L.

Perennial. Shrub. Ht 0.5–2.4 m. Alt 25–1370 m. NC, WC, EC

minor L., name rejected = **M. elongatus****pectinatus** Harv. subsp. **gariepinus** (Merxm. & Roessler) S.A.Tansley*M. gariepinus* Merxm. & Roessler (5)

Perennial. Shrub. Ht 0.6–2 m. Alt 250–660 m. N, NC

pectinatus Harv. subsp. **pectinatus**

Perennial. Shrub. Ht 0.6–1.5 m. Alt 580–915 m. N, NC

villosus Bolus

Perennial. Shrub. Ht 1–2 m. Alt 1500–1980 m. FS, L, KZN

NATALIA Hochst. 4853010*lucens* Hochst. = **Bersama lucens**

MENISPERMACEAE

Compiled by H.F. Glen

ALBERTISIA Becc. 2619000

- (1) Forman. 1975.
- Kew Bulletin*
- 30: 82–88.

delagoensis (N.E.Br.) Forman*Epinetrum delagoense* (N.E.Br.) Diels (1)*Synclisia delagoense* N.E.Br. (1)

Perennial. Climber or shrub. Ht 0.2–2 m. Alt 0–150 m. KZN

ANTIZOMA Miers 2573000

- (1) Botha. 1980.
- Journal of South African Botany*
- 46: 1–5.

angustifolia (Burch.) Miers ex Harv.*A. burchelliana* Miers ex Harv. (1)*A. harveyana* Miers ex Harv. (1)*Cissampelos angustifolius* Burch. (1)

Perennial. Climber. Ht 0.3–1.8 m. Alt 750–1675 m. N, B, LIM, NW, G, M, FS, KZN, NC

burchelliana Miers ex Harv. = **A. angustifolia***capensis* (L.f.) Diels = **Cissampelos capensis***capensis* (L.f.) Diels var. *pulverulenta* (Harv.) Diels = **Cissampelos capensis***harveyana* Miers ex Harv. = **A. angustifolia****miersiana** Harv.

Perennial. Shrub, climber. Ht 0.35–1.5 m. Alt 275–1000 m. N, NC, WC

CISSAMPELOS L. 2574000

- (1) Troupin. 1960.
- FZ*
- 1: 165–169.

- (2) Troupin. 1962. *Mémoires de l'Académie Royale des Sciences d'Outre-Mer, Classe des sciences naturelles et médicales* 13: 1–312.
 (3) Botha. 1980. *Journal of South African Botany* 46: 1–5.

angustifolius Burch. = **Antizoma angustifolia**

capensis L.f.

- Antizoma capensis* (L.f.) Diels (3)
Antizoma capensis (L.f.) Diels var. *pulverulenta* (Harv.) Diels (3)
C. fruticosa L.f. (3)
C. humilis Poir. (3)

Perennial. Shrub, herb, climber. Ht 0.4–2 m. Alt 0–1900 m. N, NC, WC, EC

fruticosa L.f. = **C. capensis**

hirta Klotzsch

C. tamnifolia Miers (2)

Perennial. Herb, climber. Ht 0.5–2 m. Alt 0–50 m. KZN

humilis Poir. = **C. capensis**

macrostachya Klotzsch = **C. mucronata**

mucronata A.Rich.

- C. macrostachya* Klotzsch (2)
C. pareira L. var. *mucronata* (A.Rich.) Engl. (2)

Perennial. Climber. Ht 2–2.5 m. Alt 15–1850 m. N, B, LIM, M, S, KZN

pareira L. var. *mucronata* (A.Rich.) Engl. = **C. mucronata**

tamnifolia Miers = **C. hirta**

torulosa E.Mey. ex Harv.

Menispermum capense Thunb. (2)

Perennial. Climber. Ht 0.3–15 m. Alt 0–1980 m. LIM, M, S, KZN

umbellata E.Mey. ex Miers = **Stephania abyssinica** var. **tomentella**

CLYPEA Blume 2572010

abyssinica Quart.-Dill. & A.Rich. = **Stephania abyssinica** var. **abyssinica**

***COCCULUS** DC. 2570000

- (1) Troupin. 1960. *FZ* 1: 163–165.
 (2) Forman. 1974. *Kew Bulletin* 29: 477–481.
 (3) Ferguson. 1974. *Kew Bulletin* 29: 483–492.

hirsutus (L.) Diels

- C. villosus* DC. (1)
Menispermum hirsutum L. (1)

Perennial. Climber. Ht 1.5–15 m. Alt 50–1200 m. B, N, LIM, M, S, KZN

villosus DC. = **C. hirsutus**

DESMONEMA Miers 2591000

caffrum Miers = **Tinospora caffra**

fragosum I. Verd. = **Tinospora fragosa**

tenerum (Miers) Diels = **Tinospora tenera**

EPINETRUM Hiern 2643000

delagoense (N.E.Br.) Diels = **Albertisia delagoensis**

HYP SERPA Miers 2577010

funifera Miers = **Tiliacora funifera**

MENISPERMUM L. 2567000

capense Thunb. = **Cissampelos torulosa**

hirsutum L. = **Cocculus hirsutus**

STEPHANIA Lour. 2572000

- (1) Troupin. 1960. *FZ* 1: 169–171.
 (2) Troupin. 1962. *Mémoires de l'Académie Royale des Sciences d'Outre-Mer, Classe des sciences naturelles et médicales* 13: 1–312.
 (3) Troupin & Gonçalves. 1973. *Flora de Moçambique* 7: 24–26.

abyssinica (Quart.-Dill. & A.Rich.) Walp. var. **abyssinica**
Clypea abyssinica Quart.-Dill. & A.Rich. (1)

Perennial. Climber. Ht 1–5 m. Alt 50–2100 m. LIM, M, KZN

abyssinica (Quart.-Dill. & A.Rich.) Walp. var. **tomentella** (Oliv.) Diels

- Cissampelos umbellata* E.Mey. ex Miers (2)
S. hernandifolia (Willd.) Walp. var. *tomentella* Oliv. (3)

Perennial. Climber. Ht 1.5–3 m. Alt 5–1980 m. M, S, FS, KZN, L, EC

hernandifolia (Willd.) Walp. var. *tomentella* Oliv. = **S. abyssinica** var. **tomentella**

SYNCLISIA Benth. 2634000

delagoense N.E.Br. = **Albertisia delagoensis**

TILIACORA Colebr. 2577000

- (1) Troupin. 1960. *FZ* 1: 153–155.
 (2) Troupin. 1962. *Mémoires de l'Académie Royale des Sciences d'Outre-Mer, Classe des sciences naturelles et médicales* 13: 1–312.
 (3) Troupin & Gonçalves. 1973. *Flora de Moçambique* 7: 6–8.

funifera (Miers) Oliv.

Hypserpa funifera Miers (2)

Perennial. Climber. Height indefinite. Alt 0–750 m. M, KZN

TINOSPORA Miers 2583000

- (1) Troupin. 1960. *FZ* 1: 159–163.
 (2) Troupin. 1962. *Mémoires de l'Académie Royale des Sciences d'Outre-Mer, Classe des sciences naturelles et médicales* 13: 1–312.
 (3) Troupin & Gonçalves. 1973. *Flora de Moçambique* 7: 13–16.

caffra (Miers) Troupin

Desmonema caffrum Miers (2)

Perennial. Climber. Ht 1–10 m. Alt 0–1200 m. B, M, KZN

fragosa (I. Verd.) I. Verd. & Troupin

Desmonema fragosum I. Verd. (2)

Perennial. Climber. Ht 2–4 m. Alt 300–1100 m. N, B, LIM, M

stuhlmannii Engl. = **T. tenera**

tenera Miers

Desmonema tenerum (Miers) Diels (2)

T. stuhlmannii Engl. (2)

Perennial. Climber. Ht 1–2 m. Alt 150–1050 m. M, S

MENYANTHACEAE

Compiled by C.L. Bredenkamp

NYMPHOIDES Ség.

6545000

- (1) Marais & Verdoorn. 1963. *FSA* 26: 242, 243.
- (2) Raynal. 1974. *Adansonia* 2,14(2): 227–270.
- (3) Raynal. 1974. *Adansonia* 2,14(3): 405–458.
- (4) Cook. 1990. *Aquatic plant book*: 128.
- (5) Mackinder. 1990. *FZ* 7,4: 51–56.
- (6) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 356, 357.

brevipedicellata (Vatke) A.Raynal*N. indica* in sense of Marais & I.Verd. (5)

Perennial. Hydrophyte. Length of stolons depending on depth of water. Alt up to 1750 m. N, B

forbesiana (Griseb.) Kuntze

Annual, occ. perennial. Hydrophyte. Length of stolons depending on depth of water. Alt up to 2100 m. KZN

indica in sense of Marais & I.Verd. = **N. brevipedicellata****indica** (L.) Kuntze subsp. **occidentalis** A.Raynal

Perennial. Hydrophyte. Ht ± 0.25 m. Alt 155–1650 m. N, B, LIM, NW, G, M, S, KZN

rautanenii (N.E.Br.) A.Raynal

Annual, occ. perennial. Hydrophyte. Length of stolons depending on depth of water. Alt 305–1100 m. N, B, KZN

thunbergiana (Griseb.) Kuntze

Perennial. Hydrophyte. Length of stolons ± 0.5 m. Alt 15–1600 m. N, B, LIM, NW, G, M, S, KZN, WC, EC

VILLARSIA Vent.

6544000

- (1) Marais & Verdoorn. 1963. *FSA* 26: 241, 242.
- (2) Aston. 1969. *Meulleria* 2,1: 2–61.
- (3) Cook. 1990. *Aquatic plant book*: 128.
- (4) Ornduff. 1999. *Novon* 9: 407–409.
- (5) Ornduff. 1999. *Novon* 11: 437–439.

capensis (Houtt.) Merr.

Annual, occ. perennial. Hydrophyte. Ht 0.05–1 m. Alt 155–1065 m. WC, EC

goldblattiana Ornduff

Perennial. Herb. Ht 0.16–0.41 m. Alt 0–600 m. WC

mannigiana Ornduff

Perennial. Herb. Ht 0.12–0.67 m. Alt 244–1524 m. WC

MESEMBRYANTHEMACEAE

Compiled by P. Chesselet, P.M. Burgoyne, C. Klak, H. Kurzweil, A.P. Dold, N.J. Griffin & G.F. Smith

ABRYANTHEMUM Neck.

2405162

acinaciforme (L.) Rothm., illegitimate name = **Carpobrotus acinaciformis***edule* (L.) Rothm. = **Carpobrotus edulis** subsp. **edulis****ACRODON** N.E.Br.

2405001

- (1) Glen. 1986. *Bothalia* 16: 212–218.
- (2) Hartmann. 1996. *Bradleya* 14: 29–34.
- (3) Burgoyne. 1998. *Aloe* 35: 60, 61.
- (4) Hartmann. 1998. *Bradleya* 16: 48–56.
- (5) Hartmann. 1999. *Bradleya* 17: 38–74.
- (6) Klak. 2000. *Bothalia* 30: 35–42.
- (7) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 23–25.

bellidiflorus (L.) N.E.Br.*A. bellidiflorus* (L.) N.E.Br. var. *striatus* (Haw.) N.E.Br. (1)*A. bellidiflorus* (L.) N.E.Br. var. *viridis* (Haw.) N.E.Br. (1)*A. duplessiae* (L.Bolus) Glen (2)*Ruschia constricta* L.Bolus (2)*Ruschia duplessiae* L.Bolus (2)*Ruschia graminea* H.Jacobsen (5)*Ruschia longifolia* L.Bolus (1)*Ruschia macrophylla* L.Bolus (2)

Perennial. Succulent. Ht ± 0.05–0.12 m. Alt up to 300 m. WC

bellidiflorus (L.) N.E.Br. var. *striatus* (Haw.) N.E.Br. = **A. bellidiflorus***bellidiflorus* (L.) N.E.Br. var. *viridis* (Haw.) N.E.Br. = **A. bellidiflorus***duplessiae* (L.Bolus) Glen = **A. bellidiflorus***leptophyllus* (L.Bolus) Glen = **A. subulatus****parvifolius** R.du Plessis

Perennial. Succulent. Ht ± 0.1 m. Alt up to 200 m. WC

purpureostylus (L.Bolus) Burgoyne*Cerochlamys purpureostyla* (L.Bolus) H.E.K.Hartmann (6)*Erepsia purpureostyla* (L.Bolus) Schwantes (4)*Mesembryanthemum purpureostylum* L.Bolus (3)*Ruschia forficata* in sense of L.Bolus in part, misapplied name (3)*Ruschia purpureostyla* (L.Bolus) Bruyns (3)

Perennial. Succulent. Ht ± 0.15 m. Alt 100–500 m. WC

quarcicola H.E.K.Hartmann

Perennial. Succulent. Ht ± 0.08 m. Alt up to 100 m. WC

subulatus (Mill.) N.E.Br.*A. leptophyllus* (L.Bolus) Glen (2)*Mesembryanthemum bellidiflorum* L. var. *subulatum* (Mill.) Haw. (7)*Ruschia leptophylla* L.Bolus (7)

Perennial. Succulent. Ht 0.05–0.1 m. Alt 100–650 m. WC

AETHEPHYLLUM N.E.Br.

2405002

- (1) Ihlenfeldt & Struck. 1986. *Beiträge zur Biologie der Pflanzen* 61: 411–453.
- (2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 26, 27.

- pinnatifidum** (L.f.) N.E.Br.
Annual. Succulent. Ht ± 0.1 m. Alt 80–600 m. WC
- ALOINOPSIS** Schwantes 2405003
- (1) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 73.
(2) Bolus. 1947. *The Flowering Plants of Africa* 26: t. 1035.
(3) Bolus. 1958. *Notes on Mesembryanthemum and allied genera*, part 3: 372–381.
(4) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 33–37.
- acuta** L.Bolus
Perennial. Succulent. Ht ± 0.03–0.05 m. Alt 80–600 m. NC
- hilmarii** (L.Bolus) L.Bolus = **Deilante hilmarii**
- jamesii** L.Bolus = **A. rubrolineata**
- lodewykii** L.Bolus = **A. luckhoffii**
- loganii** (L.Bolus) L.Bolus
Perennial. Succulent. Ht ± 0.03–0.06 m. Alt 700–1000 m. WC
- luckhoffii** (L.Bolus) L.Bolus
A. lodewykii L.Bolus (4)
A. setifera (L.Bolus) L.Bolus (4)
A. villetii (L.Bolus) L.Bolus (4)
Titanopsis luckhoffii L.Bolus (4)
Perennial. Succulent. Ht ± 0.03–0.05 m. Alt 700–900 m. NC
- malherbei** (L.Bolus) L.Bolus
Perennial. Succulent. Ht ± 0.03–0.05 m. Alt 1000–1200 m. NC
- orpenii** (N.E.Br.) L.Bolus = **Prepodesma orpenii**
- peersii** (L.Bolus) L.Bolus = **Deilante peersii**
- rosulata** (Kensit) Schwantes
Perennial. Succulent. Ht ± 0.02–0.05 m. Alt 900–1200 m. EC
- rubrolineata** (N.E.Br.) Schwantes
A. jamesii L.Bolus (4)
Perennial. Succulent. Ht ± 0.04–0.07 m. Alt 600–1300 m. EC
- schooneesii** L.Bolus
A. schooneesii L.Bolus var. *acutipetala* L.Bolus (4)
A. schooneesii L.Bolus var. *willowmorensis* L.Bolus (4)
Perennial. Succulent. Ht ± 0.03–0.05 m. Alt 900–1200 m. EC
- schooneesii** L.Bolus var. *acutipetala* L.Bolus = **A. schooneesii**
- schooneesii** L.Bolus var. *willowmorensis* L.Bolus = **A. schooneesii**
- setifera** (L.Bolus) L.Bolus = **A. luckhoffii**
- spathulata** (Thunb.) L.Bolus
Mesembryanthemum crassipes Marloth (4)
Perennial. Succulent. Ht ± 0.02–0.04 m. Alt 1200–1800 m. NC
- thudichumii** L.Bolus = **Deilante thudichumii**
- villetii** (L.Bolus) L.Bolus = **A. luckhoffii**
- AMOEBOPHYLLUM** N.E.Br. 2405004
- angustum** N.E.Br., illegitimate name = **Phyllobolus roseus**
- guerichianum** (Pax) N.E.Br. = **Mesembryanthemum guerichianum**
- rangei** N.E.Br. = **Phyllobolus oculatus**
- roseum** L.Bolus = **Phyllobolus roseus**

- AMPHIBOLIA** L.Bolus ex 2405005
A.G.J.Herre
- (1) Hartmann & Dehn. 1989. *Bothalia* 19: 179–182.
(2) Hartmann. 1996. *Bradleya* 14: 29–56.
(3) Hartmann. 1998. *Bradleya* 16: 47, 48.
(4) Hartmann. 1999. *Bradleya* 17: 38–74.
(5) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 37–39.
- gydouwensis** (L.Bolus) L.Bolus ex Tölken & Jessop = **Lampranthus gydouwensis**
- hallii** (L.Bolus) L.Bolus ex Tölken & Jessop = **Lampranthus amphibolius**
- hutchinsonii** (L.Bolus) H.E.K.Hartmann = **A. laevis**
- laevis** (Aiton) H.E.K.Hartmann
A. hutchinsonii (L.Bolus) H.E.K.Hartmann (5)
A. maritima L.Bolus ex Tölken & Jessop, invalid name (3)
Mesembryanthemum hutchinsonii (L.Bolus) N.E.Br. (3)
Mesembryanthemum laeve Aiton (5)
Mesembryanthemum pansifolium N.E.Br. (3)
Ruschia hutchinsonii L.Bolus (3)
Ruschia maritima (L.Bolus ex Tölken & Jessop) G.D.Rowley (3)
Perennial. Succulent. Ht 0.2–0.4 m. Alt 5–100 m. NC, WC
- littlewoodii** (L.Bolus) L.Bolus ex Tölken & Jessop = **Lampranthus mutatus**
- maritima** L.Bolus ex Tölken & Jessop, invalid name = **A. laevis**
- obscura** H.E.K.Hartmann
Perennial. Succulent. Ht up to 0.4 m. Alt 110–490 m. N, NC
- rupis-arcuatae** (Dinter) H.E.K.Hartmann
Mesembryanthemum namaquanum (L.Bolus) N.E.Br. (3)
Mesembryanthemum rupis-arcuatae Dinter (2)
Ruschia namaquana L.Bolus (4)
Ruschia rupis-arcuatae (Dinter) Friedrich (2)
Stoebria rupis-arcuatae (Dinter) Dinter & Schwantes (2)
Perennial. Succulent. Ht up to 0.5 m. Alt 10–550 m. N, NC
- saginata** (L.Bolus) H.E.K.Hartmann
Ruschia saginata L.Bolus (3)
Ruschia stricta L.Bolus var. *turgida* L.Bolus (3)
Perennial. Succulent. Ht up to 0.4 m. Alt 750–1150 m. N
- staynerii** L.Bolus ex Tölken & Jessop = **Lampranthus dissimilis**
- stayneri** L.Bolus, illegitimate name = **Lampranthus dissimilis**
- succulenta** (L.Bolus) H.E.K.Hartmann
Mesembryanthemum succulentum (L.Bolus) N.E.Br. (3)
Ruschia succulenta L.Bolus (3)
Perennial. Succulent. Ht up to 0.4 m. Alt 50–460 m. NC
- ANISOCALYX** L.Bolus 2405163
- salarius** L.Bolus = **Jacobsenia vaginata**
- vaginatus** (L.Bolus) L.Bolus = **Jacobsenia vaginata**
- ANTEGIBBAEUM** Schwantes 2405007
ex C.Weber
- (1) Glen. 1974. *A revision of the Gibbaeinae (Mesembryanthemaceae)*. Unpublished M.Sc. thesis, University of Cape Town.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 40, 41.

fissoides (Haw.) Schwantes ex C.Weber

Perennial. Succulent. Ht 0.05–0.08 m. Alt 300–700 m.
WC

ANTIMIMA N.E.Br. emend. Dehn 2405129

- (1) Brown 1930. *The Gardeners' Chronicle* 87: 32, 33.
- (2) Brown 1930. *The Gardeners' Chronicle* 87: 211.
- (3) Dehn. 1988. *Mitteilungen aus dem Institut für Allgemeine Botanik, Hamburg* 22: 189–215.
- (4) Hartmann & Stüber. 1993. *Contributions from the Bolus Herbarium* 15: 1–75.
- (5) Hartmann. 1996. *Kakteen und andere Sukkulente* 47: 229–234.
- (6) Hartmann. 1998. *Bothalia* 28: 67–82.
- (7) Klak. 2000. *Bothalia* 30: 35–42.
- (8) Chesselet. 2001. *Aloe* 38: 17.
- (9) Chesselet & Smith. 2001. *Bradleya* 19: 121–123.
- (10) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 41–65.

addita (L.Bolus) H.E.K.Hartmann

Ruschia addita L.Bolus (6)

Perennial. Succulent. Ht up to 0.065 m, when in flower. Alt 600–1200 m. NC

alborubra (L.Bolus) Dehn

Ruschia alborubra L.Bolus (3)

Perennial. Succulent. Ht up to 0.19 m. Alt 300–750 m.
NC

amoena (Schwantes) H.E.K.Hartmann

Ruschia amoena Schwantes (6)

Perennial. Succulent. Ht up to 0.05 m. Alt up to 1100 m. NC

androsacea (Marloth & Schwantes) H.E.K.Hartmann

Mesembryanthemum androsaceum Marloth, naked name (6)

Mesembryanthemum androsaceum (Schwantes) N.E.Br. (6)

Ruschia androsacea Marloth & Schwantes (6)

Ruschia androsacea Marloth & Schwantes, naked name (6)

Perennial. Succulent. Ht up to 0.08 m. Alt 1200–1800 m. NC

argentea (L.Bolus) H.E.K.Hartmann

Ruschia argentea L.Bolus (6)

Perennial. Succulent. Ht? Alt 20–400 m. N

aristulata (Sond.) Chesselet & G.F.Sm.

Mesembryanthemum aristulatum Sond. (9)

Ruschia aristulata (Sond.) Schwantes (9)

Ruschia pulchella (Haw.) Schwantes var. *caespitosa* L.Bolus (9)

Perennial. Succulent. Ht 0.02–0.05 m. Alt 400–1050 m. WC

aurasensis H.E.K.Hartmann

Perennial. Succulent. Ht up to 0.25 m. Alt 300–900 m.
N

biformis (N.E.Br.) H.E.K.Hartmann

Mesembryanthemum biforme N.E.Br. (6)

Ruschia biformis (N.E.Br.) Schwantes (6)

Perennial. Succulent. Ht up to 0.025 m. Alt 190–300 m. WC

bina (L.Bolus) H.E.K.Hartmann

Ruschia bina L.Bolus (6)

Perennial. Succulent. Ht up to 0.9 m. Alt 200–850 m.
WC

bracteata (L.Bolus) H.E.K.Hartmann

Ruschia bracteata L.Bolus (6)

Perennial. Succulent. Ht up to 0.2 m. Alt 50–400 m.
NC

brevicarpa (L.Bolus) H.E.K.Hartmann

Ruschia brevicarpa L.Bolus (6)

Perennial. Succulent. Ht up to 0.2 m. Alt 300–2000 m.
WC

brevicollis (N.E.Br.) H.E.K.Hartmann

Mesembryanthemum brevicolle N.E.Br. (6)

Ruschia brevicollis (N.E.Br.) Schwantes (6)

Perennial. Succulent. Ht up to 0.027 m. Alt 600–900 m. WC

buchbergensis (Dinter) H.E.K.Hartmann

Ruschia buchbergensis Dinter (6)

Perennial. Succulent. Ht up to 0.2 m. Alt 500–1000 m.
N

compacta (L.Bolus) H.E.K.Hartmann

Ruschia compacta L.Bolus (6)

Perennial. Succulent. Ht up to 0.08 m. Alt up to 1200 m. NC

compressa (L.Bolus) H.E.K.Hartmann

Ruschia compressa L.Bolus (6)

Perennial. Succulent. Ht up to 0.12 m. Alt up to 1200 m. NC

concinna (L.Bolus) H.E.K.Hartmann

Mesembryanthemum comptum N.E.Br. (6)

Ruschia concinna L.Bolus (6)

Perennial. Succulent. Ht up to 0.07 m. Alt 200–400 m.
WC

condensa (N.E.Br.) H.E.K.Hartmann

Mesembryanthemum condensum N.E.Br. (6)

Ruschia condensa (N.E.Br.) Schwantes (6)

Perennial. Succulent. Ht up to 0.03 m. Alt 500–1100 m. WC

crassifolia (L.Bolus) H.E.K.Hartmann

Ruschia crassifolia L.Bolus (6)

Perennial. Succulent. Ht up to 0.6 m. Alt 400–700 m.
NC

dasyphylla (Schltr.) H.E.K.Hartmann

Mesembryanthemum ciliolatum N.E.Br. (6)

Mesembryanthemum dasyphyllum Schltr. (6)

Ruschia concava L.Bolus (6)

Ruschia dasyphylla (Schltr.) Schwantes (6)

Perennial. Succulent. Ht up to 0.2 m. Alt 600–1800 m.
WC

defecta (L.Bolus) H.E.K.Hartmann

Ruschia defecta L.Bolus (6)

Ruschia deflecta L.Bolus (6)

Perennial. Succulent. Ht up to 0.13 m. Alt up to 1200 m. NC

dekenahi (N.E.Br.) H.E.K.Hartmann

Mesembryanthemum dekenahi N.E.Br. (6)

Ruschia dekenahi (N.E.Br.) Schwantes (6)

Perennial. Succulent. Ht up to 0.03 m. Alt 1200–1800 m. NC

distans (L.Bolus) H.E.K.Hartmann

Mesembryanthemum distans L.Bolus (6)

Ruschia distans (L.Bolus) L.Bolus (6)

Perennial. Succulent. Ht 0.1–0.2 m. Alt 300–1600 m.
NC, WC

dolomitica (Dinter) H.E.K.Hartmann

Corpuscularia dolomitica (Dinter) Schwantes (6)

Mesembryanthemum dolomiticum Dinter (6)

Ruschia dolomitica (Dinter) Dinter & Schwantes (6)

Perennial. Succulent. Ht up to 0.35 m. Alt 50–200 m.
N

dualis (N.E.Br.) N.E.Br.

Argyroderma duale (N.E.Br.) N.E.Br. (6)

Mesembryanthemum duale N.E.Br. (3)

Ruschia dualis (N.E.Br.) L.Bolus (3)

Ruschia villetii L.Bolus (6)

Perennial. Succulent. Ht up to 0.08 m. Alt 50–400 m.
NC, WC

- eendornensis** (Dinter) H.E.K.Hartmann
Mesembryanthemum eendornense Dinter (6)
Perennial. Succulent. Ht up to 0.3 m. Alt 800–1000 m.
N
- elevata** (L.Bolus) H.E.K.Hartmann
Ruschia elevata L.Bolus (6)
Perennial. Succulent. Ht up to 0.06 m. Alt up to 1200 m. NC
- emarcescens** (L.Bolus) H.E.K.Hartmann
Ruschia emarcescens L.Bolus (6)
Ruschia emarcidens L.Bolus ex Jacobsen (6)
Perennial. Succulent. Ht 0.21–0.23 m. Alt 1200–1400 m. NC
- erosa** (L.Bolus) H.E.K.Hartmann
Ruschia erosa L.Bolus (6)
Perennial. Succulent. Ht up to 0.12 m. Alt 500–800 m.
WC
- evoluta** (N.E.Br.) H.E.K.Hartmann
Mesembryanthemum evolutum N.E.Br. (6)
Ruschia evoluta (N.E.Br.) L.Bolus (6)
Perennial. Succulent. Ht up to 0.1 m. Alt 200–400 m.
NC, WC
- excedens** (L.Bolus) Klak
Ruschia excedens L.Bolus (7)
Perennial. Succulent. Ht up to 0.024 m. Alt 200–400 m. WC
- exurgens** (L.Bolus) H.E.K.Hartmann
Ruschia exurgens L.Bolus (6)
Perennial. Succulent. Ht up to 0.2 m. Alt 300–850 m.
NC, WC
- fenestrata** (L.Bolus) H.E.K.Hartmann
Ruschia fenestrata L.Bolus (6)
Perennial. Succulent. Ht up to 0.12 m. Alt 200–400 m.
WC
- fergusoniae** (L.Bolus) H.E.K.Hartmann
Mesembryanthemum fergusoniae (L.Bolus) N.E.Br. (6)
Ruschia fergusoniae L.Bolus (6)
Perennial. Succulent. Ht up to 0.08 m. Alt 200–1000 m. WC
- gracillima** (L.Bolus) H.E.K.Hartmann
Ruschia gracillima L.Bolus (6)
Perennial. Succulent. Ht 0.05–0.25 m. Alt 900–1600 m. NC
- granitica** (L.Bolus) H.E.K.Hartmann
Mesembryanthemum graniticum L.Bolus (6)
Ruschia granitica (L.Bolus) L.Bolus (6)
Perennial. Succulent. Ht up to 0.1 m. Alt 20–100 m.
NC
- hallii** (L.Bolus) H.E.K.Hartmann
Ruschia hallii L.Bolus (6)
Perennial. Succulent. Ht up to 0.2 m. Alt 900–1600 m.
NC
- hamatilis** (L.Bolus) H.E.K.Hartmann
Mesembryanthemum hamatile (L.Bolus) N.E.Br. (6)
Ruschia hamatilis L.Bolus (6)
Perennial. Succulent. Ht 0.08–0.12 m. Alt 200–800 m.
WC
- hantamensis** (Engl.) H.E.K.Hartmann & Stüber
Eberlanzia disarticulata (L.Bolus) L.Bolus (4)
Eberlanzia stellata L.Bolus, naked name (6)
Mesembryanthemum hantamense Engl. (4)
Mesembryanthemum stellans (L.Bolus) N.E.Br. (6)
Ruschia disarticulata L.Bolus (4)
Ruschia stellata L.Bolus (6)
Perennial. Succulent. Ht up to 0.5 m. Alt 600–1800 m.
NC, WC
- herrei** (Schwantes) H.E.K.Hartmann
Mesembryanthemum herrei (Schwantes) N.E.Br. (6)
Ruschia herrei Schwantes (6)
Perennial. Succulent. Ht up to 0.16 m. Alt 1000–1900 m. WC
- insidens** (L.Bolus) Chesselet
Mesembryanthemum insidens (L.Bolus) N.E.Br. (8)
Ruschia insidens L.Bolus (8)
Perennial. Succulent. Ht up to 0.25 m. Alt 600–800 m.
NC
- intervallaris** (L.Bolus) H.E.K.Hartmann
Ruschia intervallaris L.Bolus (6)
Perennial. Succulent. Ht 0.15–0.2 m. Alt 200–400 m.
WC
- ivori** (N.E.Br.) H.E.K.Hartmann
Mesembryanthemum ivori N.E.Br. (6)
Ruschia ivori (N.E.Br.) Schwantes (6)
Perennial. Succulent. Ht up to 0.03 m. Alt 900–1800 m. NC
- karroidea** (L.Bolus) H.E.K.Hartmann
Ruschia karroidea L.Bolus (6)
Perennial. Succulent. Ht up to 0.07 m. Alt 800–1100 m. WC
- klaverensis** (L.Bolus) H.E.K.Hartmann
Mesembryanthemum klaverense L.Bolus (6)
Ruschia klaverensis (L.Bolus) Schwantes (6)
Perennial. Succulent. Ht up to 0.08 m. Alt 200–400 m.
NC
- koekenaapensis** (L.Bolus) H.E.K.Hartmann
Ruschia koekenaapensis L.Bolus (6)
Perennial. Succulent. Ht up to 0.25 m. Alt 200–400 m.
NC, WC
- komkansica** (L.Bolus) H.E.K.Hartmann
Ruschia komkansica L.Bolus (6)
Perennial. Succulent. Ht up to 0.6 m. Alt 300–500 m.
NC
- lawsonii** (L.Bolus) H.E.K.Hartmann
Mesembryanthemum lawsonii L.Bolus (6)
Ruschia lawsonii (L.Bolus) L.Bolus (6)
Perennial. Succulent. Ht up to 0.25 m. Alt 1300–1600 m. NC
- leipoldtii** (L.Bolus) H.E.K.Hartmann
Mesembryanthemum leipoldtii (L.Bolus) N.E.Br. (6)
Ruschia leipoldtii L.Bolus (6)
Perennial. Succulent. Ht 0.15–0.2 m. Alt 800–1100 m.
WC
- leucanthera** (L.Bolus) H.E.K.Hartmann
Mesembryanthemum leucantherum L.Bolus (6)
Ruschia leucanthera (L.Bolus) L.Bolus (6)
Perennial. Succulent. Ht up to 0.03 m. Alt 700–1800 m. WC
- limbata** (N.E.Br.) H.E.K.Hartmann
Mesembryanthemum limbatum N.E.Br. (6)
Ruschia limbata (N.E.Br.) Schwantes (6)
Perennial. Succulent. Ht 0.03–0.1 m. Alt 5–100 m.
WC
- lodewykii** (L.Bolus) H.E.K.Hartmann
Ruschia lodewykii L.Bolus (6)
Perennial. Succulent. Ht up to 0.03 m. Alt 200–400 m.
NC, WC
- loganii** (L.Bolus) H.E.K.Hartmann
Ruschia loganii L.Bolus (6)
Perennial. Succulent. Ht ± 0.1 m. Alt 400–1100 m.
WC

lokenbergensis (L.Bolus) H.E.K.Hartmann*Ruschia lokenbergensis* L.Bolus (6)Perennial. Succulent. Ht ± 0.45 m. Alt 800–1500 m.
NC**longipes** (L.Bolus) Dehn*Mesembryanthemum longipes* (L.Bolus) N.E.Br. (6)*Ruschia longipes* L.Bolus (3)Perennial. Succulent. Ht ± 0.08 m. Alt up to 1200 m.
NC**luckhoffii** (L.Bolus) H.E.K.Hartmann*Ruschia luckhoffii* L.Bolus (6)Perennial. Succulent. Ht up to 0.05 m. Alt 500–700 m.
WC**maleolens** (L.Bolus) H.E.K.Hartmann*Mesembryanthemum maleolens* (L.Bolus) N.E.Br. (6)*Ruschia maleolens* L.Bolus (6)Perennial. Succulent. Ht 0.12–0.25 m. Alt 50–300 m.
NC**maxwellii** (L.Bolus) H.E.K.Hartmann*Mesembryanthemum maxwellii* (L.Bolus) N.E.Br. (6)*Ruschia maxwellii* L.Bolus (6)Perennial. Succulent. Ht 0.06–0.2 m. Alt 900–1400 m.
EC**menniei** (L.Bolus) H.E.K.Hartmann*Ruschia menniei* L.Bolus (6)Perennial. Succulent. Ht ± 0.25 m. Alt 200–400 m.
WC**mesklipensis** (L.Bolus) H.E.K.Hartmann*Ruschia mesklipensis* L.Bolus (6)

Perennial. Succulent. Ht ± 0.1 m. Alt 300–1200 m. NC

meyeræ (Schwantes) H.E.K.Hartmann*Ruschia meyeræ* Schwantes (6)

Perennial. Succulent. Ht up to 0.05 m. Alt up to 1200 m. NC

microphylla (Haw.) Dehn*Mesembryanthemum microphyllum* Haw. (3)*Ruschia microphylla* (Haw.) Schwantes (3)Perennial. Succulent. Ht ± 0.1 m. Alt 300–1800 m.
WC**minima** (Tischer) H.E.K.Hartmann*Cheiridopsis minima* Tischer (6)

Perennial. Succulent. Ht 0.05–0.06 m. Alt up to 1200 m. NC

minutifolia (L.Bolus) H.E.K.Hartmann*Ruschia minutifolia* L.Bolus (6)

Perennial. Succulent. Ht ± 0.08–0.15 m. Alt 300–900 m. WC

modesta (L.Bolus) H.E.K.Hartmann*Ruschia modesta* L.Bolus forma *glabrescens* L.Bolus (6)*Ruschia modesta* L.Bolus forma *modesta* (6)

Perennial. Succulent. Ht ± 0.2 m. Alt 50–300 m. N

mucronata (Haw.) H.E.K.Hartmann*Mesembryanthemum mucronatum* Haw. (6)*Ruschia mathewsii* L.Bolus (6)*Ruschia mucronata* (Haw.) Schwantes (6)Perennial. Succulent. Ht ± 0.04 m. Alt 180–300 m.
WC**mutica** (L.Bolus) H.E.K.Hartmann*Mesembryanthemum muticum* (L.Bolus) N.E.Br. (6)*Ruschia mutica* L.Bolus (6)Perennial. Succulent. Ht ± 0.12 m. Alt 300–600 m.
WC**nobilis** (Schwantes) H.E.K.Hartmann*Ruschia nobilis* Schwantes (6)

Perennial. Succulent. Ht ± 0.3 m. Alt 200–900 m. NC

nordenstamii (L.Bolus) H.E.K.Hartmann*Ruschia nordenstamii* L.Bolus (6)

Perennial. Succulent. Ht ± 0.4 m. Alt 200–400 m. WC

oviformis (L.Bolus) H.E.K.Hartmann*Ruschia oviformis* L.Bolus (6)

Perennial. Succulent. Ht ± 0.06 m. Alt 100–300 m. NC

papillata (Bolus) H.E.K.Hartmann*Ruschia meyeri* Schwantes (6)*Ruschia papillata* L.Bolus (6)Perennial. Succulent. Ht ± 0.2 m. Alt 300–1200 m.
NC, WC**paucifolia** (L.Bolus) H.E.K.Hartmann*Ruschia paucifolia* L.Bolus (6)Perennial. Succulent. Ht ± 0.2 m. Alt 200–1400 m.
NC, WC**pauper** (L.Bolus) H.E.K.Hartmann*Ruschia pauper* L.Bolus (6)Perennial. Succulent. Ht ± 0.35 m. Alt up to 1100 m.
NC**peersii** (L.Bolus) H.E.K.Hartmann*Mesembryanthemum formosulum* N.E.Br. (6)*Ruschia peersii* L.Bolus (6)Perennial. Succulent. Ht ± 0.08 m. Alt 200–800 m.
WC**perforata** (L.Bolus) H.E.K.Hartmann*Mesembryanthemum perforatum* (L.Bolus) N.E.Br. (6)*Ruschia paripetala* (L.Bolus) L.Bolus var. *occultans* L.Bolus (6)*Ruschia perforata* L.Bolus (6)

Perennial. Succulent. Ht ± 0.2 m. Alt 50–200 m. N

persistens (L.Bolus) H.E.K.Hartmann*Ruschia persistens* L.Bolus (1963), not of L.Bolus (1932), illegitimate name (6)

Perennial. Succulent. Ht ± 0.07–0.15 m. Alt 300–800 m. WC

pilosula (L.Bolus) H.E.K.Hartmann*Ruschia pilosula* L.Bolus (6)

Perennial. Succulent. Ht ± 0.24 m. Alt 200–600 m. NC

piscodora (L.Bolus) H.E.K.Hartmann*Ruschia piscodora* L.Bolus (6)Perennial. Succulent. Ht ± 0.54 m. Alt 800–1800 m.
NC, WC**prolongata** (L.Bolus) H.E.K.Hartmann*Ruschia prolongata* L.Bolus (6)

Perennial. Succulent. Ht ± 0.3 m. Alt 400–1600 m. NC

propinqua (N.E.Br.) H.E.K.Hartmann*Mesembryanthemum propinquum* N.E.Br. (6)*Ruschia propinqua* (N.E.Br.) Schwantes (6)Perennial. Succulent. Ht ± 0.027 m. Alt 500–800 m.
WC**prostrata** (L.Bolus) H.E.K.Hartmann*Mesembryanthemum prostratum* (L.Bolus) N.E.Br. (6)*Ruschia prostrata* L.Bolus (6)Perennial. Succulent. Ht ± 0.15 m. Alt 100–500 m.
WC**pumila** (Fedde & K.Schust.) H.E.K.Hartmann*Mesembryanthemum levynsiae* L.Bolus (6)*Mesembryanthemum pumilum* L.Bolus (6)*Mesembryanthemum pumilum* (L.Bolus) N.E.Br., illegitimate name (6)*Ruschia levynsiae* (L.Bolus) Schwantes (6)*Ruschia pumila* L.Bolus (6)

Perennial. Succulent. Ht ± 0.1 m. Alt 300–600 m. WC

pusilla (Schwantes) H.E.K.Hartmann*Mesembryanthemum parvum* N.E.Br. (6)*Ruschia pusilla* Schwantes (6)Perennial. Succulent. Ht ± 0.075 m. Alt up to 1000 m.
NC

pygmaea (Haw.) H.E.K.Hartmann*Mesembryanthemum pygmaeum* Haw. (6)*Ruschia pygmaea* (Haw.) Schwantes (6)Perennial. Succulent. Ht ± 0.15 m. Alt 300–1100 m.
WC**quarzitica** (Dinter) H.E.K.Hartmann*Corpuscularia quarzitica* (Dinter) Schwantes (6)*Mesembryanthemum quarziticum* Dinter (6)*Ruschia quarzitica* (Dinter) Dinter & Schwantes (6)

Perennial. Succulent. Ht ± 0.3 m. Alt 50–400 m. N

roseola (N.E.Br.) H.E.K.Hartmann*Mesembryanthemum roseolum* N.E.Br. (6)*Ruschia roseola* (N.E.Br.) Schwantes (6)

Perennial. Succulent. Ht ± 0.2 m. Alt 200–800 m. WC

saturata (L.Bolus) H.E.K.Hartmann*Mesembryanthemum atrocinctum* N.E.Br. (6)*Ruschia saturata* L.Bolus (6)Perennial. Succulent. Ht ± 0.12 m. Alt 200–800 m.
WC**saxicola** (L.Bolus) H.E.K.Hartmann*Mesembryanthemum saxicolum* (L.Bolus) N.E.Br. (6)*Ruschia saxicola* L.Bolus (6)Perennial. Succulent. Ht ± 0.7 m. Alt 1400–1600 m.
FS**schlechteri** (Schwantes) H.E.K.Hartmann*Mesembryanthemum schlechteri* (Schwantes) N.E.Br. (6)*Ruschia schlechteri* Schwantes (6)Perennial. Succulent. Ht 0.05–0.1 m. Alt ± 1200 m.
NC**simulans** (L.Bolus) H.E.K.Hartmann*Ruschia simulans* L.Bolus (6)Perennial. Succulent. Ht ± 0.05 m. Alt 200–400 m.
WC**sobrina** (N.E.Br.) H.E.K.Hartmann*Mesembryanthemum sobrinum* N.E.Br. (6)*Ruschia sobrina* (N.E.Br.) Schwantes (6)Perennial. Succulent. Ht ± 0.027 m. Alt 200–300 m.
WC**solida** (L.Bolus) H.E.K.Hartmann*Mesembryanthemum solidum* L.Bolus (6)*Ruschia solida* (L.Bolus) L.Bolus var. *solida* (6)*Ruschia solida* (L.Bolus) L.Bolus var. *stigmatica* L.Bolus (6)Perennial. Succulent. Ht ± 0.08 m. Alt 100–400 m.
WC**stayneri** (L.Bolus) H.E.K.Hartmann*Ruschia stayneri* L.Bolus (6)

Perennial. Succulent. Ht ± 0.3 m. Alt 900–1600 m. NC

stokoei (L.Bolus) H.E.K.Hartmann*Ruschia stokoei* L.Bolus (6)Perennial. Succulent. Ht ± 0.05 m. Alt 400–600 m.
WC**subtruncata** (L.Bolus) H.E.K.Hartmann*Ruschia subtruncata* L.Bolus var. *minor* L.Bolus (6)*Ruschia subtruncata* L.Bolus var. *subtruncata* (6)

Perennial. Succulent. Ht ± 0.1 m. Alt 700–900 m. NC

triquetra (L.Bolus) H.E.K.Hartmann*Mesembryanthemum triquetrum* (L.Bolus) N.E.Br. (6)*Ruschia triquetra* L.Bolus (6)Perennial. Succulent. Ht ± 0.15 m. Alt 300–600 m.
NC, WC**tuberculosa** (L.Bolus) H.E.K.Hartmann*Mesembryanthemum enorme* N.E.Br. (6)*Ruschia tuberculosa* L.Bolus (6)Perennial. Succulent. Ht ± 0.08 m. Alt 300–600 m.
WC**turneriana** (L.Bolus) H.E.K.Hartmann*Ruschia turneriana* L.Bolus (6)Perennial. Succulent. Ht 0.02–0.04 m. Alt 200–400 m.
WC**vanzylii** (L.Bolus) H.E.K.Hartmann*Ruschia vanzylii* L.Bolus (6)

Perennial. Succulent. Ht ± 0.2 m. Alt 800–950 m. NC

varians (L.Bolus) H.E.K.Hartmann*Ruschia varians* L.Bolus (6)Perennial. Succulent. Ht ± 0.18 m. Alt 800–1200 m.
NC**ventricosa** (L.Bolus) H.E.K.Hartmann*Cheiridopsis ventricosa* (L.Bolus) N.E.Br. (6)*Mesembryanthemum ventricosum* L.Bolus (6)*Ruschia ventricosa* (L.Bolus) Schwantes (6)

Perennial. Succulent. Ht ± 0.1 m. Alt 300–600 m. WC

verruculosa (L.Bolus) H.E.K.Hartmann*Mesembryanthemum verruculosum* (L.Bolus) N.E.Br. (6)*Ruschia verruculosa* L.Bolus (6)Perennial. Succulent. Ht ± 0.07 m. Alt 200–400 m.
WC*virgata* (Haw.) Dehn = **Ruschia virgata****watermeyeri** (L.Bolus) H.E.K.Hartmann*Ruschia obtusifolia* L.Bolus (6)*Ruschia stenopetala* L.Bolus (6)*Ruschia watermeyeri* L.Bolus (6)

Perennial. Succulent. Ht ± 0.1 m. Alt 200–300 m. WC

wittebergensis (L.Bolus) H.E.K.Hartmann*Mesembryanthemum wittebergense* L.Bolus (6)*Ruschia wittebergensis* (L.Bolus) Schwantes (6)Perennial. Succulent. Ht ± 0.025–0.05 m. Alt 800–
1100 m. WC**ANYSOCALYX** L.Bolus

2405006

vaginatus (L.Bolus) L.Bolus = **Jacobsenia vaginata****APATESIA** N.E.Br.

2405008

(1) Ihlenfeldt & Gerbaulet. 1990. *Botanische Jahrbücher* 111: 457–498.(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 65, 66.**helianthoides** (Aiton) N.E.Br.Annual. Succulent. Ht ± 0.25 m, when in flower. Alt
170–900 m. WC*maughanii* N.E.Br. = **A. sabulosa****pillansii** N.E.Br.Annual. Succulent. Ht ± 0.25 m, when in flower. Alt
20–200 m. WC**sabulosa** (Thunb.) L.Bolus*A. maughanii* N.E.Br. (1)Annual. Succulent. Ht up to 0.3 m, when in flower. Alt
300–600 m. WC**APTENIA** N.E.Br.

2405009

(1) Gerbaulet. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 66–68.**cordifolia** (L.f.) SchwantesPerennial. Succulent. Ht ± 0.25 m. Alt 20–800 m.
KZN, EC**geniculiflora** (L.) Bittrich ex Gerbaulet*Psilocaulon melanospermum* (A.Berger) N.E.Br. (1)*Sphalmanthus decussatus* (Thunb.) L.Bolus (1)*Sphalmanthus geniculiflorus* (L.) L.Bolus (1)Perennial. Succulent. Ht ± 0.45 m. Alt 800–1800 m.
N, NC, EC

haeckeliana (A. Berger) Bittrich ex Gerbaulet
Platythya haeckeliana (A. Berger) N.E.Br. (1)
 Perennial. Succulent. Ht ± 0.25 m. Alt 50–500 m. EC

lancifolia L. Bolus
 Perennial. Succulent. Ht ± 0.3 m. Alt 900–1100 m.
 LIM

ARENIFERA A.G.J. Herre 2405010

- (1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 280A.
- (2) Hartmann & Stüber. 1993. *Contributions from the Bolus Herbarium* 15: 1–75.
- (3) Hartmann. 1996. *Bradleya* 14: 35–38.
- (4) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 68–70.

pillansii (L. Bolus) A.G.J. Herre
Psammophora pillansii L. Bolus (3)
 Perennial. Succulent. Ht ± 0.4 m. Alt up to 1000 m.
 NC

pungens H.E.K. Hartmann
 Perennial. Succulent. Ht ± 0.15 m. Alt 800–1500 m.
 NC

spinescens (L. Bolus) H.E.K. Hartmann
Ruschia spinescens L. Bolus (3)
 Perennial. Succulent. Ht ± 0.4 m. Alt 300–1100 m.
 WC

stylosa (L. Bolus) H.E.K. Hartmann
Eberlanzia armata (L. Bolus) L. Bolus (3)
Eberlanzia stylosa (L. Bolus) L. Bolus (3)
Ruschia armata L. Bolus (3)
Ruschia stylosa L. Bolus (3)
 Perennial. Succulent. Ht ± 0.25 m. Alt up to 1200 m.
 NC

ARGYRODERMA N.E. Br. 2405011

- (1) Brown. 1922. *The Flowering Plants of South Africa* 2: t. 78.
- (2) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 268.
- (3) Maass. 1927. In Schwantes, *Zeitschrift für Sukkulentenkunde* 3: 294, 295.
- (4) Bolus. 1949. *The Flowering Plants of Africa* 27: t. 1057.
- (5) Hartmann. 1973. *The National Cactus and Succulent Journal* 28: 48–50.
- (6) Hartmann. 1977. *Mitteilungen aus dem Institut für Allgemeine Botanik, Hamburg* 15: 121–235.
- (7) Van Jaarsveld. 1997. *Aloe* 34: 12, 13.
- (8) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 70–75.

amoenum Schwantes = **A. pearsonii**
angustipetalum L. Bolus = **A. congregatum**
aureum L. Bolus = **A. delaetii**
australe L. Bolus = **A. delaetii**
blandum L. Bolus = **A. delaetii**
boreale L. Bolus = **A. delaetii**
braunsii (Schwantes) Schwantes = **A. fissum**
brevipes (Schltr.) L. Bolus = **A. fissum**
brevitubum L. Bolus = **A. delaetii**
carinatum L. Bolus in part = **A. delaetii**
carinatum L. Bolus in part = **A. testiculare**
citrinum L. Bolus = **A. delaetii**
concinnum Schwantes = **A. delaetii**
congregatum L. Bolus
A. angustipetalum L. Bolus (6)
A. jacobsonianum Schwantes (6)
A. nortieri L. Bolus (6)
A. peersii L. Bolus (6)
A. rooipanense L. Bolus in part (6)

Perennial. Succulent. Ht ± 0.04 m. Alt 120–400 m.
 WC

crateriforme (L. Bolus) N.E. Br.
A. pulvinare L. Bolus (6)
A. subrotundum L. Bolus (6)
 Perennial. Succulent. Ht ± 0.03 m. Alt 120–400 m.
 WC

cuneatipetalum L. Bolus in part = **A. delaetii**
cuneatipetalum L. Bolus in part = **A. pearsonii**

delaetii C.A. Maass
A. aureum L. Bolus (6)
A. australe L. Bolus (6)
A. blandum L. Bolus (6)
A. boreale L. Bolus (6)
A. brevitubum L. Bolus (6)
A. carinatum L. Bolus in part (6)
A. citrinum L. Bolus (6)
A. concinnum Schwantes (6)
A. cuneatipetalum L. Bolus in part (6)
A. delaetii C.A. Maass var. *purpureum* C.A. Maass (3)
A. densipetalum L. Bolus (6)
A. formosum L. Bolus (6)
A. gregarium L. Bolus (6)
A. latifolium L. Bolus (6)
A. lesliei R. Br. (6)
A. leucanthum L. Bolus (6)
A. longipes L. Bolus (6)
A. planum L. Bolus (6)
A. productum L. Bolus (6)
A. reniforme L. Bolus (6)
A. rooipanense L. Bolus in part (6)
A. roseum Schwantes var. *delaetii* G.D. Rowley (6)
A. roseum Schwantes var. *roseum* (6)
A. schuldtii Schwantes (6)
A. speciosum L. Bolus (6)
A. splendens L. Bolus (6)

Perennial. Succulent. Ht ± 0.02 m. Alt 120–400 m.
 WC

delaetii C.A. Maass var. *purpureum* C.A. Maass = **A. delaetii**

densipetalum L. Bolus = **A. delaetii**

digitifolium (N.E. Br.) Schwantes ex L. Bolus = **A. fissum**

duale (N.E. Br.) N.E. Br. = **Antimima dualis**

fissum (Haw.) L. Bolus
A. braunsii (Schwantes) Schwantes (6)
A. brevipes (Schltr.) L. Bolus (6)
A. digitifolium (N.E. Br.) Schwantes ex L. Bolus (6)
A. hutchinsonii L. Bolus (6)
A. latipetalum L. Bolus var. *latipetalum* (6)
A. latipetalum L. Bolus var. *longitubum* L. Bolus (6)
A. litorale L. Bolus (6)
A. orientale L. Bolus (6)
Mesembryanthemum socium N.E. Br. (6)
Roodia digitifolia N.E. Br. (5)
Ruschia socia (N.E. Br.) Schwantes (6)
 Perennial. Succulent. Ht ± 0.1 m. Alt 120–400 m. WC

formosum L. Bolus = **A. delaetii**

framesii in sense of L. Bolus (1929), not of L. Bolus (1934) = **A. pearsonii**

framesii L. Bolus subsp. **framesii**
A. framesii L. Bolus var. *minus* L. Bolus (6)
 Perennial. Succulent. Ht ± 0.03 m. Alt 120–400 m.
 WC

framesii L. Bolus subsp. **hallii** (L. Bolus) H.E.K. Hartmann
 Perennial. Succulent. Ht ± 0.04 m. Alt 120–400 m.
 WC

framesii L.Bolus var. *minus* L.Bolus = **A. framesii**
subsp. **framesii**

gregarium L.Bolus = **A. delaetii**

hutchinsonii L.Bolus = **A. fissum**

jacobsenianum Schwantes = **A. congregatum**

latifolium L.Bolus = **A. delaetii**

latipetalum L.Bolus var. *latipetalum* = **A. fissum**

latipetalum L.Bolus var. *longitubum* L.Bolus = **A. fissum**

lesliei R.Br. = **A. delaetii**

leucanthum L.Bolus = **A. delaetii**

litorale L.Bolus = **A. fissum**

longipes L.Bolus = **A. delaetii**

luckoffii L.Bolus = **A. pearsonii**

nortieri L.Bolus = **A. congregatum**

orientale L.Bolus = **A. fissum**

ovale L.Bolus = **A. pearsonii**

patens L.Bolus

Perennial. Succulent. Ht ± 0.05 m. Alt 120–250 m.
WC

pearsonii (N.E.Br.) Schwantes

A. amoenum Schwantes (5)

A. cuneatipetalum L.Bolus in part (6)

A. framesii in sense of L.Bolus (1929), not of L.Bolus (1934) (6)

A. luckoffii L.Bolus (6)

A. ovale L.Bolus (6)

A. schlechteri Schwantes (6)

Perennial. Succulent. Ht ± 0.05 m. Alt 120–400 m.
WC

peersii L.Bolus = **A. congregatum**

planum L.Bolus = **A. delaetii**

productum L.Bolus = **A. delaetii**

pulvinare L.Bolus = **A. crateriforme**

reniforme L.Bolus = **A. delaetii**

ringens L.Bolus

Perennial. Succulent. Ht ± 0.07 m. Alt 120–400 m.
WC

rooipanense L.Bolus in part = **A. congregatum**

rooipanense L.Bolus in part = **A. delaetii**

roseum Schwantes forma *delaetii* G.D.Rowley = **A. delaetii**

roseum Schwantes forma *roseum* = **A. delaetii**

schlechteri Schwantes = **A. pearsonii**

schuldtii Schwantes = **A. delaetii**

speciosum L.Bolus = **A. delaetii**

splendens L.Bolus = **A. delaetii**

subalbum (N.E.Br.) N.E.Br.

A. villetii L.Bolus (5)

Perennial. Succulent. Ht ± 0.08 m. Alt 120–400 m.
WC

subrotundum L.Bolus = **A. crateriforme**

testiculare (Aiton) N.E.Br.

A. carinatum L.Bolus in part (6)

Perennial. Succulent. Ht ± 0.05 m. Alt 120–400 m.
WC

theartii Van Jaarsv.

Perennial. Succulent. Ht ± 0.04 m. Alt 450–590 m.
WC

villetii L.Bolus = **A. subalbum**

ARIDARIA N.E.Br. 2405012

(1) Bolus. 1927. *The Flowering Plants of South Africa* 7: t. 258.

(2) Gerbaulet. 1996. *Botanische Jahrbücher* 118: 41–58.

(3) Gerbaulet. 1997. *Botanische Jahrbücher* 119: 145–211.

(4) Gerbaulet. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 75–80.

abbreviata L.Bolus = **Phyllobolus abbreviatus**

acuminata (Haw.) Schwantes = **Phyllobolus splendens**
subsp. **splendens**

albertensis L.Bolus = **Phyllobolus pumilus**

albicaulis (Haw.) N.E.Br. = **Phyllobolus splendens**
subsp. **splendens**

anguinea L.Bolus = **Phyllobolus oculus**

arcuata L.Bolus = **A. noctiflora** subsp. **noctiflora**

arenicola L.Bolus = **Phyllobolus oculus**

aurea (Thunb.) L.Bolus = **Phyllobolus nitidus**

ausana (Dinter & A.Berger) Dinter & Schwantes =
Prenia tetragona

barkerae L.Bolus = **A. noctiflora** subsp. **defoliata**

beaufortensis L.Bolus = **A. noctiflora** subsp. **straminea**

bijliae N.E.Br. = **Phyllobolus splendens** subsp. **splendens**

blanda L.Bolus = **Phyllobolus splendens** subsp. **splendens**

brevicarpa L.Bolus

A. intricata L.Bolus (2)

A. klaverensis L.Bolus (2)

A. meyeri L.Bolus (2)

Nycteranthus brevicarpus (L.Bolus) Schwantes, illegitimate name (2)

Nycteranthus intricatus (L.Bolus) Schwantes, illegitimate name (2)

Nycteranthus meyeri (L.Bolus) Schwantes, illegitimate name (2)

Perennial. Succulent. Ht ± 1 m. Alt ± 1200 m. NC, WC

brevifolia L.Bolus = **Phyllobolus splendens** subsp. **splendens**

brevisepala L.Bolus = **Phyllobolus spinuliferus**

calycina L.Bolus = **A. noctiflora** subsp. **noctiflora**

canaliculata (Haw.) Friedrich = **Phyllobolus canaliculatus**

caudata (L.Bolus) L.Bolus = **Phyllobolus caudatus**

celans L.Bolus = **Phyllobolus splendens** subsp. **splendens**

compacta L.Bolus = **A. serotina**

congesta L.Bolus = **Phyllobolus congestus**

constricta L.Bolus = **Phyllobolus splendens** subsp. **splendens**

debilis L.Bolus = **A. noctiflora** subsp. **noctiflora**

decidua L.Bolus = **Phyllobolus deciduus**

decurvata L.Bolus = **Phyllobolus decurvatus**

defoliata (Haw.) Schwantes = **A. noctiflora** subsp. **defoliata**

dejagerae L.Bolus = **A. noctiflora** subsp. **straminea**

dela (L.Bolus) L.Bolus = **Phyllobolus delus**

dinteri L.Bolus, illegitimate name = **Phyllobolus melanospermus**

dyeri L.Bolus = **Phyllobolus splendens** subsp. **splendens**

ebracteata N.E.Br. = **Phyllobolus trichotomus**

ebracteata N.E.Br. var. *brevipetala* L.Bolus = **Phyllobolus trichotomus**

elongata L.Bolus = **Phyllobolus prasinus**
englishiae (L.Bolus) N.E.Br. = **Prenia englishiae**
esterhuyseniae L.Bolus = **A. noctiflora** subsp. **straminea**
fastigiata (Haw.) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**
flexuosa (Haw.) Schwantes = **Phyllobolus splendens** subsp. **splendens**
floribunda L.Bolus = **A. noctiflora** subsp. **noctiflora**
fourcadei L.Bolus = **Phyllobolus splendens** subsp. **splendens**
fragilis (N.E.Br.) Friedrich = **Phyllobolus oculatus**
framesii L.Bolus = **Phyllobolus spinuliferus**
fulva (Haw.) Schwantes = **A. noctiflora** subsp. **straminea**
gibbosa L.Bolus, illegitimate name = **Phyllobolus spinuliferus**
glandulifera L.Bolus = **Phyllobolus sinuosus**
globosa L.Bolus = **A. serotina**
godmaniae L.Bolus = **Phyllobolus sinuosus**
gracilis L.Bolus = **A. serotina**
gratiae L.Bolus = **Phyllobolus grossus**
grossa (Aiton) Friedrich = **Phyllobolus grossus**
herbertii (N.E.Br.) Friedrich = **Phyllobolus herbertii**
horizontalis (Haw.) Schwantes = **A. noctiflora** subsp. **defoliata**
inaequalis L.Bolus = **Phyllobolus nitidus**
intricata L.Bolus = **A. brevicarpa**
klaverensis L.Bolus = **A. brevicarpa**
latipetala L.Bolus = **Phyllobolus latipetalus**
laxa L.Bolus = **Phyllobolus decurvatus**
laxipetala L.Bolus = **Phyllobolus grossus**
leipoldtii L.Bolus = **A. noctiflora** subsp. **noctiflora**
leptopetala L.Bolus = **Phyllobolus splendens** subsp. **splendens**
lignea L.Bolus = **Phyllobolus melanospermus**
littlewoodii L.Bolus = **A. noctiflora** subsp. **straminea**
longisepala L.Bolus = **A. noctiflora** subsp. **defoliata**
longispinula (Haw.) L.Bolus = **Phyllobolus grossus**
longituba L.Bolus = **Phyllobolus tenuiflorus**
luteoalba L.Bolus = **Prenia tetragona**
macrosiphon L.Bolus = **Phyllobolus tenuiflorus**
meridiana L.Bolus = **A. noctiflora** subsp. **defoliata**
meyeri L.Bolus = **A. brevicarpa**
muirii N.E.Br. = **A. noctiflora** subsp. **defoliata**
multiseriata L.Bolus = **Phyllobolus prasinus**
mutans L.Bolus = **Prenia tetragona**
nevillei L.Bolus = **A. noctiflora** subsp. **noctiflora**
nitida (Haw.) N.E.Br. = **Phyllobolus nitidus**
nocta (N.E.Br.) N.E.Br. = **Phyllobolus splendens** subsp. **splendens**
noctiflora (L.) Schwantes subsp. **defoliata** (Haw.) Gerbaulet

A. barkerae L.Bolus (2)
A. defoliata (Haw.) Schwantes (2)
A. horizontalis (Haw.) Schwantes (2)
A. longisepala L.Bolus (2)
A. meridiana L.Bolus (2)
A. muirii N.E.Br. (2)
Mesembryanthemum defoliatum Haw. (2)
Mesembryanthemum horizontale Haw. (2)
Nycteranthis defoliatus (Haw.) Schwantes, illegitimate name (2)
Nycteranthis horizontalis (Haw.) Schwantes, illegitimate name (2)
Nycteranthis longisepalus (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthis meridianus (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthis muirii (L.Bolus) Schwantes, illegitimate name (2)
Peratetracoilanthus defoliatus (Haw.) Rappa & Camarrone, invalid name (2)
Sphalmanthus defoliatus (Haw.) L.Bolus (4)
 Perennial. Succulent. Ht ± 1 m. Alt 500–1000 m. NC, WC, EC

noctiflora (L.) Schwantes subsp. **noctiflora**

A. arcuata L.Bolus (2)
A. calycina L.Bolus (2)
A. debilis L.Bolus (2)
A. floribunda L.Bolus (2)
A. leipoldtii L.Bolus (2)
A. nevillei L.Bolus (2)
A. pillansii L.Bolus (2)
Mesembryanthemum lindequistii Engl. (2)
Mesembryanthemum noctiflorum L. var. *elatum* Haw. (2)
Mesembryanthemum noctiflorum L. var. *noctiflorum* (2)
Mesembryanthemum noctiflorum L. var. *phoeniceum* Haw., illegitimate name (2)
Nycteranthis arcuatus (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthis calycinus (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthis debilis (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthis floribundus (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthis noctiflorus (L.) Rothm., illegitimate name (2)
Peratetracoilanthus noctiflorus (L.) Rappa & Camarrone, invalid name (2)
Phyllobolus noctiflorus (L.) Bittrich (2)
Psilocaulon lindequistii (Engl.) Schwantes (2)
 Perennial. Succulent. Ht ± 1 m. Alt 120–900 m. N, NC, WC

noctiflora (L.) Schwantes subsp. **straminea** (Haw.) Gerbaulet

A. beaufortensis L.Bolus (2)
A. dejagerae L.Bolus (2)
A. esterhuyseniae L.Bolus (2)
A. fulva (Haw.) Schwantes (2)
A. littlewoodii L.Bolus (2)
A. noctiflora (L.) Schwantes var. *fulva* (Haw.) A.G.J.Herre & Friedrich (4)
A. straminea (Haw.) Schwantes (2)
A. subtruncata L.Bolus (2)
Mesembryanthemum fulvum Haw. (2)
Mesembryanthemum noctiflorum L. var. *fulvum* (Haw.) Salm-Dyck (2)
Mesembryanthemum noctiflorum L. var. *stramineum* (Haw.) Haw. (2)
Mesembryanthemum stramineum Haw. (2)
Nycteranthis dejagerae (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthis esterhuyseniae (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthis fulvus (Haw.) Schwantes, illegitimate name (2)
Nycteranthis stramineus (Haw.) Schwantes, illegitimate name (2)
Nycteranthis subtruncatus (L.Bolus) Schwantes, illegitimate name (2)
 Perennial. Succulent. Ht ± 1 m. Alt 800–1800 m. N, NC, WC, EC

noctiflora (L.) Schwantes var. *fulva* (Haw.) A.G.J.Herre & Friedrich = **A. noctiflora** subsp. **straminea**

obtusa L.Bolus = **Phyllobolus decurvatus**

oculata (N.E.Br.) L.Bolus = **Phyllobolus oculatus**

odorata (L.Bolus) Schwantes ex H.Jacobsen = **Hereroa odorata**

oubergensis L.Bolus = **Phyllobolus pumilus**

ovalis L.Bolus = **A. serotina**
parvisepala L.Bolus = **Phyllobolus spinuliferus**
paucandra L.Bolus var. *gracillima* L.Bolus = **A. serotina**
paucandra L.Bolus var. *paucandra* = **A. serotina**
peersii L.Bolus = **Phyllobolus tenuiflorus**
pentagona L.Bolus = **Phyllobolus splendens** subsp. **pentagonus**
pentagona L.Bolus var. *occidentalis* L.Bolus = **Phyllobolus splendens** subsp. **pentagonus**
pillansii L.Bolus = **A. noctiflora** subsp. **noctiflora**
platysepala L.Bolus = **Phyllobolus grossus**
plenifolia (N.E.Br.) Stearn = **Phyllobolus splendens** subsp. **splendens**
pomoniae L.Bolus = **Phyllobolus oculatus**
prasina L.Bolus = **Phyllobolus prasinus**
primulina L.Bolus = **Phyllobolus splendens** subsp. **splendens**
pumila L.Bolus = **Phyllobolus pumilus**
quartzitica L.Bolus = **Phyllobolus quartziticus**
quaterna L.Bolus = **Phyllobolus spinuliferus**
rabiei L.Bolus = **Phyllobolus rabiei**
rabiesbergensis L.Bolus = **Phyllobolus splendens** subsp. **splendens**
radicans L.Bolus = **Prenia radicans**
rangei (N.E.Br.) Friedrich = **Phyllobolus oculatus**
recurva L.Bolus = **Phyllobolus sinuosus**
reflexa (Haw.) N.E.Br. = **Phyllobolus splendens** subsp. **splendens**
resurgens (Kensit) L.Bolus = **Phyllobolus resurgens**
rhodandra L.Bolus = **Phyllobolus nitidus**
rosea L.Bolus = **Phyllobolus splendens** subsp. **splendens**
saturata L.Bolus = **Phyllobolus saturatus**
scintillans (Dinter) Friedrich = **Phyllobolus oculatus**
serotina L.Bolus
A. compacta L.Bolus (2)
A. globosa L.Bolus (2)
A. gracilis L.Bolus (2)
A. ovalis L.Bolus (2)
A. paucandra L.Bolus var. *gracillima* L.Bolus (2)
A. paucandra L.Bolus var. *paucandra* (2)
A. tenuifolia L.Bolus var. *speciosa* (L.Bolus) L.Bolus (4)
A. tenuifolia L.Bolus var. *tenuifolia* (2)
Nycteranthus compactus (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthus globosus (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthus gracilis (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthus ovalis (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthus paucandrus L.Bolus var. *gracillima* (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthus paucandrus (L.Bolus) Schwantes var. *paucandrus*, illegitimate name (2)
Nycteranthus serotinus (L.Bolus) Schwantes, illegitimate name (2)
Nycteranthus tenuifolius (L.Bolus) Schwantes var. *speciosa* L.Bolus, illegitimate name (2)
Nycteranthus tenuifolius (L.Bolus) Schwantes var. *tenuifolius*, illegitimate name (2)
Perennial. Succulent. Ht ± 0.3 m. Alt 100–1200 m. N, NC, WC
spinulifera (Haw.) N.E.Br. = **Phyllobolus spinuliferus**
splendens (L.) Schwantes = **Phyllobolus splendens** subsp. **splendens**

straminea (Haw.) Schwantes = **A. noctiflora** subsp. **straminea**
straminea L.Bolus = **Phyllobolus sinuosus**
straminicolor L.Bolus = **Phyllobolus sinuosus**
striata L.Bolus = **Phyllobolus splendens** subsp. **splendens**
stricta L.Bolus = **Phyllobolus spinuliferus**
subaequans L.Bolus = **Phyllobolus splendens** subsp. **pentagonus**
subpatens L.Bolus = **Phyllobolus splendens** subsp. **pentagonus**
subpetiolata L.Bolus = **Phyllobolus grossus**
subtruncata L.Bolus = **A. noctiflora** subsp. **straminea**
suffusa L.Bolus = **Prenia tetragona**
sulcata (Haw.) Schwantes = **Phyllobolus splendens** subsp. **splendens**
tenuifolia L.Bolus var. *speciosa* (L.Bolus) L.Bolus = **A. serotina**
tenuifolia L.Bolus var. *tenuifolia* = **A. serotina**
tetragona (Thunb.) L.Bolus = **Prenia tetragona**
tetramera L.Bolus var. *parviflora* L.Bolus = **Phyllobolus trichotomus**
tetramera L.Bolus var. *tetramera* = **Phyllobolus trichotomus**
trichosantha (A.Berger) N.E.Br. = **Phyllobolus viridiflorus**
trichotoma (Thunb.) L.Bolus = **Phyllobolus trichotomus**
umbelliflora (Jacq.) Schwantes = **Phyllobolus splendens** subsp. **splendens**
varians L.Bolus = **Phyllobolus oculatus**
vernalis L.Bolus = **Phyllobolus splendens** subsp. **splendens**
vespertina L.Bolus
Nycteranthus vespertinus (L.Bolus) Schwantes, illegitimate name (2)
Perennial. Succulent. Ht ± 0.3 m. Alt 20–300 m. NC
viridiflora (Aiton) L.Bolus = **Phyllobolus viridiflorus**
watermeyeri L.Bolus = **Phyllobolus spinuliferus**
willowmorensis L.Bolus = **Phyllobolus grossus**

ASPAZOMA N.E.Br. 2405013

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 80, 81.

amplectens (L.Bolus) N.E.Br.

Perennial. Succulent. Ht ± 0.4 m. Alt 50–1200 m. NC

ASTRIDIA Dinter 2405014

- (1) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 397.
- (2) Glen. 1984. *The Flowering Plants of Africa* 48: t. 1894.
- (3) Glen. 1985. *The Flowering Plants of Africa* 48: t. 1917.
- (4) Glen. 1986. *Bothalia* 16: 206–212.
- (5) Glen. 1988. *The Flowering Plants of Africa* 50: t. 1970.
- (6) Hartmann. 1999. *Bradleya* 17: 38–74.
- (7) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 81–84.

alba (L.Bolus) L.Bolus

A. rubra (L.Bolus) L.Bolus var. *alba* (7)

Perennial. Succulent. Ht up to 0.5 m. Alt 300–1100 m. N, NC

blanda L.Bolus var. *angusta* L.Bolus ex H.Jacobsen, invalid name = **A. velutina**

blanda L.Bolus var. *blanda* = **A. velutina**

blanda L.Bolus var. *latipetala* L.Bolus ex H.Jacobsen, invalid name = **A. velutina**

citrina (L.Bolus) L.Bolus

A. rubra (L.Bolus) L.Bolus var. *citrina* L.Bolus (7)

Perennial. Dwarf shrub, succulent. Ht ± 0.5 m. Alt 300–1100 m. N

dinteri (L.Bolus) L.Bolus var. *lutata* L.Bolus ex H.Jacobsen, invalid name = **A. lutata**

dulcis L.Bolus

Perennial. Succulent. Ht up to 0.5 m. Alt 200–900 m. NC

hallii L.Bolus

A. ruschii L.Bolus (4)

Perennial. Dwarf shrub, succulent. Ht ± 0.6 m. Alt 300–1100 m. N

herrei L.Bolus

Perennial. Dwarf shrub, succulent. Ht ± 0.4 m. Alt 200–1300 m. NC

hillii L.Bolus

Perennial. Succulent. Ht ± 0.3 m. Alt 300–1000 m. NC

latiseipala L.Bolus = **A. longifolia**

longifolia (L.Bolus) L.Bolus

A. latiseipala L.Bolus (4)

A. vanbredai L.Bolus (4)

Mesembryanthemum longifolium L.Bolus (4)

Ruschia jacobseniana L.Bolus (6)

Perennial. Dwarf shrub, succulent. Ht ± 0.5 m. Alt up to 1300 m. N, NC

lutata (L.Bolus) Friedrich ex H.E.K.Hartmann

A. dinteri (L.Bolus) L.Bolus var. *lutata* L.Bolus ex H.Jacobsen, invalid name (7)

A. velutina Dinter var. *lutata* L.Bolus (7)

Perennial. Succulent. Ht up to 0.5 m. Alt 100–900 m. N, NC

maxima (Haw.) Schwantes = **Ruschia maxima**

rubra (L.Bolus) L.Bolus

Lampranthus ruber (L.Bolus) L.Bolus (7)

Mesembryanthemum rubrum L.Bolus (7)

Ruschia rubra (L.Bolus) L.Bolus (7)

Perennial. Dwarf shrub, succulent. Ht up to 0.25 m. Alt ± 300 m. NC

rubra (L.Bolus) L.Bolus var. *alba* L.Bolus = **A. alba**

rubra (L.Bolus) L.Bolus var. *citrina* L.Bolus = **A. citrina**

ruschii L.Bolus = **A. hallii**

speciosa L.Bolus

A. swartpoortensis L.Bolus (7)

Perennial. Dwarf shrub, succulent. Ht up to 0.3 m. Alt 300–1000 m. N, NC

swartpoortensis L.Bolus = **A. speciosa**

vanbredai L.Bolus = **A. longifolia**

vanheerdei L.Bolus

Perennial. Dwarf shrub, succulent. Ht 0.15–0.2 m. Alt 300–1000 m. NC

velutina Dinter

A. blanda L.Bolus var. *angusta* L.Bolus ex H.Jacobsen, invalid name (4)

A. blanda L.Bolus var. *blanda* (4)

A. blanda L.Bolus var. *latipetala* L.Bolus ex H.Jacobsen, invalid name (4)

Mesembryanthemum velutinum Dinter (7)

Perennial. Dwarf shrub, succulent. Ht up to 0.5 m. Alt 300–1100 m. N

velutina Dinter var. *lutata* L.Bolus = **A. lutata**

BERGERANTHUS Schwantes 2405015

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 84–86.

addoensis L.Bolus = **B. multiceps**

artus L.Bolus = **B. multiceps**

concaus L.Bolus

B. katbergensis L.Bolus (1)

B. leightoniae L.Bolus (1)

Perennial. Succulent. Ht 0.03–0.04 m, ± 0.1 m when in flower. Alt ± 20–1760 m. EC

firmus L.Bolus = **B. multiceps**

glenensis N.E.Br. = **Hereroa glenensis**

jamesii L.Bolus = **B. vespertinus**

katbergensis L.Bolus = **B. concaus**

leightoniae L.Bolus = **B. concaus**

longiseipalus L.Bolus

Perennial. Succulent. Ht ± 0.1 m. Alt up to 400 m. EC

multiceps (Salm-Dyck) Schwantes

B. addoensis L.Bolus (1)

B. artus L.Bolus (1)

B. firmus L.Bolus (1)

Perennial. Succulent. Ht 0.04–0.12 m. Alt 10–1520 m. EC

rhomboideus (Salm-Dyck) Schwantes = **Rhombophyllum rhomboideum**

scapiger (Haw.) N.E.Br.

Perennial. Succulent. Ht 0.045–0.1 m, ± 0.2 m when in flower. Alt 15–853 m. EC

vespertinus (A.Berger) Schwantes

B. jamesii L.Bolus (1)

Perennial. Succulent. Ht 0.02–0.054 m. Alt 50–1798 m. EC

BERRISFORDIA L.Bolus 2405016

khamiesbergensis L.Bolus = **Conophytum khamiesbergense**

BIJLIA N.E.Br. 2405017

(1) Hartmann. 1992. *Cactus and Succulent Journal (US)* 64: 179.

(2) Hammer. 1995. *Cactus and Succulent Journal (US)* 67: 219.

(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 87, 88.

cana in sense of N.E.Br., misapplied name = **B. dilatata**

dilatata H.E.K.Hartmann

B. cana in sense of N.E.Br., misapplied name (1)

Hereroa cana in sense of L.Bolus, misapplied name (1)

Hereroa tugwelliae in sense of L.Bolus (1927, 1928), not of L.Bolus (1930), misapplied name (1)

Perennial. Succulent. Ht up to 0.04 m. Alt 800–1100 m. WC

tugwelliae (L.Bolus) S.A.Hammer

Hereroa tugwelliae (L.Bolus) L.Bolus (2)

Perennial. Succulent. Ht up to 0.08 m. Alt 700–1300 m. WC

BRAUNSI Schwantes 2405018

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 266.

(2) Klak. 2000. *Bothalia* 30: 35–42.

(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 88–90.

apiculata (Kensit) L.Bolus

Echinus apiculatus (Kensit) L.Bolus (3)

Perennial. Dwarf shrub, succulent. Ht ± 0.2 m. Alt 500–1750 m. NC, WC

bina (N.E.Br.) Schwantes

Perennial. Dwarf shrub, succulent. Ht ± 0.15 m. Alt 20–1000 m. WC

edentula (Haw.) N.E.Br. = **Ruschia edentula**

geminata (Haw.) L.Bolus

Ruschia polita L.Bolus (2)

Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt 250–1000 m. WC

maximiliani (Schltr. & A.Berger) Schwantes

Perennial. Succulent. Ht ± 0.05 m. Alt 250–1100 m. NC, WC

nelii Schwantes, naked name (insufficiently known) (2)

stayneri (L.Bolus) L.Bolus

Perennial. Dwarf shrub, succulent. Ht ± 0.08 m. Alt 300–700 m. WC

vanrensburgii (L.Bolus) L.Bolus

Perennial. Dwarf shrub, succulent. Ht ± 0.08 m. Alt 20–150 m. WC

BRIANHUNTLEYA Chesselet, 2405217
S.A.Hammer & I.Oliver

(1) Chesselet *et al.* 2003. *Bothalia* 33: 160–164.

intrusa (Kensit) Chesselet, S.A.Hammer & I.Oliver

Mesembryanthemum intrusum Kensit (1)

Ruschia intrusa (Kensit) L.Bolus (1)

Perennial. Dwarf shrub, succulent. Ht 0.07–0.1 m. Alt 200–250 m. WC

BROWNANTHUS Schwantes 2405135

(1) Pierce & Gerbaulet. 1997. *Aloe* 34: 42–44.

(2) Klak. 2000. *Bothalia* 30: 35–42.

(3) Gerbaulet & Pierce. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 91–95.

arenosus (Schinz) Ihlenf. & Bittrich

B. schlichtianus (Sond.) Ihlenf. & Bittrich (3)

Mesembryanthemum arenosum Schinz (3)

Mesembryanthemum schlichtianum Sond. (3)

Psilocaulon arenosum (Schinz) L.Bolus (3)

Psilocaulon schlichtianum (Sond.) Schwantes (3)

Perennial. Succulent. Ht up to 0.5 m. Alt 100–1100 m. N, NC

ciliatus (Aiton) Schwantes subsp. **ciliatus**

Mesembryanthemum ciliatum Aiton (3)

Psilocaulon ciliatum (Aiton) Friedrich (3)

Trichocyclus ciliatus N.E.Br. (3)

Perennial. Succulent. Ht up to 0.25 m. Alt 500–1100 m. NC, WC

ciliatus (Aiton) Schwantes subsp. **schenckii** (Schinz) Ihlenf. & Bittrich

Mesembryanthemum schenckii Schinz (3)

Perennial. Succulent. Ht up to 0.3 m. Alt 100–1800 m. N, NC

corallinus (Thunb.) Ihlenf. & Bittrich

Mesembryanthemum corallinum Thunb. (3)

Psilocaulon corallinum (Thunb.) Schwantes (3)

Psilocaulon peersii L.Bolus (3)

Perennial, occ. annual. Succulent. Ht up to 0.5 m. Alt 200–1100 m. NC, WC

fraternus Klak

Perennial. Succulent. Ht 0.15–0.4 m. Alt up to 350 m. WC

glareicola Klak

Perennial. Succulent. Ht up to 0.17 m. Alt 140–350 m. WC

kuntzei (Schinz) Ihlenf. & Bittrich

Mesembryanthemum kuntzei Schinz (3)

Psilocaulon kuntzei (Schinz) Dinter & Schwantes (3)

Perennial. Succulent. Ht up to 1 m. Alt 20–250 m. N

marlothii (Pax) Schwantes

Mesembryanthemum marlothii Pax (3)

Psilocaulon marlothii (Pax) Friedrich (3)

Perennial. Succulent. Ht up to 0.15 m. Alt 100–800 m. N, NC

namibensis (Marloth) Bullock

Mesembryanthemum namibense Marloth (3)

Psilocaulon namibense (Marloth) Friedrich (3)

Perennial. Succulent. Ht up to 0.15 m. Alt 20–200 m. N

neglectus S.M.Pierce & Gerbaulet

Perennial. Dwarf shrub, succulent. Ht up to 0.4 m. Alt up to 800 m. N, NC

nucifer (Ihlenf. & Bittrich) S.M.Pierce & Gerbaulet

Pseudobrownanthus nucifer Ihlenf. & Bittrich (1)

Perennial. Succulent. Ht up to 0.4 m. Alt up to 350 m. N, NC

pseudoschlichtianus S.M.Pierce & Gerbaulet

Perennial. Succulent. Ht up to 0.7 m. Alt up to 900 m. N, NC

pubescens (N.E.Br. ex C.A.Maass) Bullock

Psilocaulon pillansii (L.Bolus) Friedrich (3)

Trichocyclus pubescens N.E.Br. ex C.A.Maass (3)

Perennial. Succulent. Ht up to 0.25 m. Alt 50–1000 m. N, NC

schlichtianus (Sond.) Ihlenf. & Bittrich = **B. arenosus**

CALAMOPHYLLUM Schwantes 2405019

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 95, 96.

cylindricum (Haw.) Schwantes

Mesembryanthemum cylindricum Haw. (1)

Perennial. Succulent. Ht up to 0.13 m. Alt? ‘SA’

teretifolium (Haw.) Schwantes

Mesembryanthemum cylindricum Haw. var. *teretifolium* Haw. (1)

Mesembryanthemum teretifolium Haw. (1)

Perennial. Succulent. Ht up to 0.25 m. Alt? ‘SA’

teretiuculum (Haw.) Schwantes

Perennial. Succulent. Ht up to 0.08 m. Alt? ‘SA’

CARPANTHEA N.E.Br. 2405020

(1) Bolus. 1958. *The Flowering Plants of Africa* 32: t. 1264.

(2) Ihlenfeldt & Gerbaulet. 1990. *Botanische Jahrbücher* 111: 457–498.

(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 96.

pilosa (Haw.) L.Bolus = **C. pomeridiana**

pomeridiana (L.) N.E.Br.

C. pilosa (Haw.) L.Bolus (2)

Annual. Succulent. Ht up to 0.3 m. Alt 50–900 m. NC, WC

CARPOBROTUS N.E.Br. 2405021

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 247.

(2) Bolus. 1927. *The Flowering Plants of South Africa* 7: t. 258.

(3) Wisura & Glen. 1993. *Contributions from the Bolus Herbarium* 15: 76–107.

- (4) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 97–101.

acinaciformis (L.) L.Bolus

- Abryanthemum acinaciforme* (L.) Rothm., illegitimate name (4)
C. concavus L.Bolus (3)
C. laevigatus (Haw.) N.E.Br. (3)
C. laevigatus (Haw.) Schwantes (3)
C. rubrocinctus (Haw.) N.E.Br. (3)
C. subulatus (Haw.) N.E.Br. (3)
C. vanzijliae L.Bolus (3)
Mesembryanthemum acinaciforme Gouan (3)
Mesembryanthemum acinaciforme L. (3)
Mesembryanthemum acinaciforme L. var. *purpureum* L. (3)
Mesembryanthemum laevigatum Haw. (3)
Mesembryanthemum rubrocinctum Haw. (3)
Mesembryanthemum subulatum Haw. (3)
 Perennial. Succulent. Ht 0.05–0.2 m. Alt 20–400 m.
 WC

concavus L.Bolus = **C. acinaciformis**

deliciosus (L.Bolus) L.Bolus

- C. dulcis* L.Bolus (3)
C. fourcadei L.Bolus var. *alba* L.Bolus (3)
C. fourcadei L.Bolus var. *fourcadei* (3)
Mesembryanthemum deliciosum L.Bolus (3)
 Perennial. Succulent. Ht ± 0.25 m. Alt 20–800 m. WC,
 EC

dimidiatus (Haw.) L.Bolus

- C. juritzii* (L.Bolus) L.Bolus (3)
Mesembryanthemum dimidiatum Haw. (3)
Mesembryanthemum juritzii L.Bolus (3)
 Perennial. Succulent. Ht ± 0.2 m. Alt 20–200 m. KZN,
 EC

dulcis L.Bolus = **C. deliciosus**

edulis (L.) L.Bolus subsp. **edulis**

- Abryanthemum edule* (L.) Rothm. (4)
Mesembryanthemum acinaciforme L. var. *β flavum* L. (4)
Mesembryanthemum edule L. (3)
 Perennial. Succulent. Ht ± 0.15 m. Alt up to 1100 m.
 NC, WC, EC

edulis (L.) L.Bolus subsp. **parviflorus** Wisura & Glen
 Perennial. Succulent. Ht ± 0.15 m. Alt up to 800 m.
 WC

fourcadei L.Bolus var. *alba* L.Bolus = **C. deliciosus**

fourcadei L.Bolus var. *fourcadei* = **C. deliciosus**

juritzii (L.Bolus) L.Bolus = **C. dimidiatus**

laevigatus (Haw.) N.E.Br. = **C. acinaciformis**

laevigatus (Haw.) Schwantes = **C. acinaciformis**

mellei (L.Bolus) L.Bolus

- C. pageae* L.Bolus (3)
C. pillansii L.Bolus (3)
Mesembryanthemum mellei L.Bolus (3)
 Perennial. Succulent. Ht ± 0.2 m. Alt 200–900 m. WC

muirii (L.Bolus) L.Bolus

- Mesembryanthemum muirii* L.Bolus (3)
 Perennial. Succulent. Ht ± 0.12 m. Alt 50–400 m. WC

pageae L.Bolus = **C. mellei**

pillansii L.Bolus = **C. mellei**

quadrifidus L.Bolus

- C. quadrifidus* L.Bolus forma *rosea* (L.Bolus) G.D.Rowley, semi-naked name (3)
C. quadrifidus L.Bolus var. *rosea* L.Bolus (3)
C. saueriae Schwantes (3)
 Perennial. Succulent. Ht ± 0.25 m. Alt up to 1200 m.
 NC, WC

quadrifidus L.Bolus forma *rosea* (L.Bolus) G.D.Rowley, semi-naked name = **C. quadrifidus**

quadrifidus L.Bolus var. *rosea* L.Bolus = **C. quadrifidus**

rubrocinctus (Haw.) N.E.Br. = **C. acinaciformis**

saueriae Schwantes = **C. quadrifidus**

subulatus (Haw.) N.E.Br. = **C. acinaciformis**

vanzijliae L.Bolus = **C. acinaciformis**

CARRUANTHUS (Schwantes) 2405022
Schwantes

- (1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 101, 102.

peersii L.Bolus

Perennial. Succulent. Ht up to 0.1 m. Alt 800–1200 m.
 EC

ringens (L.) Boom

Perennial. Succulent. Ht ± 0.15 m. Alt 400–1200 m.
 WC

CARYOTOPHORA Leistner 2405023

- (1) Leistner. 1958. *Notes on Mesembryanthemum and allied genera* 3: 289–291.
 (2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 102.

skiatophytoides Leistner

Perennial. Succulent. Ht ± 0.25 m. Alt up to 100 m.
 WC

CAULIPSOLON Klak 2405200

- (1) Klak & Linder. 1998. *Botanische Jahrbücher* 120: 301–375.
 (2) Klak & Gerbaulet. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 103.

rapaceum (Jacq.) Klak

- Psilocaulon longipes* L.Bolus (1)
Psilocaulon rapaceum (Jacq.) Schwantes (1)
 Perennial, occ. annual. Succulent. Ht ± 0.1 m. Alt
 200–350 m. NC, WC

CEPHALOPHYLLUM N.E.Br. 2405024

- (1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 257.
 (2) Bolus. 1962. *The Flowering Plants of Africa* 35: tt. 1396–1398.
 (3) Hartmann. 1981. *Cactus and Succulent Journal of Great Britain* 43: 96–100.
 (4) Hartmann. 1982. *Mitteilungen aus dem Institut für Allgemeine Botanik, Hamburg* 18: 85–101.
 (5) Hartmann. 1983. *Bibliographia Botanica* 136: 1–67.
 (6) Hartmann. 1983. *Bothalia* 14: 653–659.
 (7) Hartmann. 1984. *Botanische Jahrbücher* 104: 321–360.
 (8) Hartmann. 1984. *Mitteilungen aus dem Institut für Allgemeine Botanik, Hamburg* 19: 141–163.
 (9) Hartmann. 1988. *Mitteilungen aus dem Institut für Allgemeine Botanik, Hamburg* 22: 93–187.
 (10) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 103–113.

acutum (Haw.) L.Bolus = **C. subulatoides**

albertiniense (L.Bolus) Schwantes = **Jordaaniella dubia**

alstonii Marloth ex L.Bolus

- C. franciscii* L.Bolus (9)
 Perennial. Succulent. Ht up to 0.15 m. Alt up to 600 m.
 NC, WC

anemoniflorum (L.Bolus) N.E.Br. = **Jordaaniella dubia**

apiculatum L.Bolus = **C. loreum**

artum L.Bolus = **C. curtophyllum**

aurantiacum L.Bolus = **C. purpureo-album**

aureorubrum L.Bolus = **C. rigidum**

- ausense* L.Bolus = **C. ebracteatum**
- baylissii* L.Bolus = **C. diversiphyllum**
- bredasdorpense* L.Bolus = **C. diversiphyllum**
- brevifolium* L.Bolus = **C. pulchellum**
- caespitosum** H.E.K.Hartmann
Cheiridopsis cuprea (L.Bolus) N.E.Br. (9)
Mesembryanthemum cupreum L.Bolus (9)
 Perennial. Succulent. Ht ± 0.06 m. Alt 200–350 m.
 WC
- caledonicum* L.Bolus = **C. diversiphyllum**
- calvinianum* L.Bolus = **Leipoldtia rosea**
- cauliculatum* (Haw.) N.E.Br. = **C. diversiphyllum**
- cedrimontanum* L.Bolus = **C. loreum**
- ceresianum* L.Bolus = **C. corniculatum**
- clavifolium* (L.Bolus) L.Bolus = **Jordaaniella clavifolia**
- compactum* L.Bolus = **C. loreum**
- compressum** L.Bolus
 Perennial. Succulent. Ht ± 0.03 m. Alt 50–1000 m. N
- comptonii* N.E.Br. = **C. tricolorum**
- concinnum* L.Bolus = **C. curtophyllum**
- confusum** (Dinter) Dinter & Schwantes
 Perennial. Succulent. Ht ± 0.08 m. Alt up to 1000 m.
 N
- conicum* L.Bolus ex H.Jacobsen = **C. curtophyllum**
- corniculatum** (L.) Schwantes
C. ceresianum L.Bolus (10)
 Perennial. Succulent. Ht ± 0.08 m. Alt 300–800 m.
 WC
- crassum* L.Bolus = **C. tricolorum**
- cupreum* L.Bolus = **Jordaaniella cuprea**
- curtophyllum** (L.Bolus) Schwantes
C. artum L.Bolus (8)
C. concinnum L.Bolus (8)
C. conicum L.Bolus ex H.Jacobsen (10)
C. latipetalum L.Bolus (7)
C. platycalyx (L.Bolus) Schwantes (8)
C. rhodandrum L.Bolus (8)
 Perennial. Succulent. Ht ± 0.05 m. Alt 300–1200 m.
 NC, WC
- decipiens* (Haw.) L.Bolus = **C. loreum**
- densum* N.E.Br. = **C. framesii**
- diminutum* (Haw.) L.Bolus = **C. subulatoides**
- diversifolium* (Haw.) Schwantes = **C. diversiphyllum**
- diversiphyllum** (Haw.) H.E.K.Hartmann
C. baylissii L.Bolus (9)
C. bredasdorpense L.Bolus (9)
C. caledonicum L.Bolus (9)
C. cauliculatum (Haw.) N.E.Br. (9)
C. diversifolium (Haw.) Schwantes (9)
C. vandermerwei L.Bolus (9)
 Perennial. Succulent. Ht ± 0.1 m. Alt up to 800 m. WC
- dubium* (Haw.) N.E.Br. = **Jordaaniella dubia**
- ebracteatum** (Schltr. & Diels) Dinter & Schwantes
C. ausense L.Bolus (9)
C. ernii L.Bolus (9)
C. laetulum L.Bolus (9)
C. namaquanum L.Bolus (9)
C. rangei (Engl.) L.Bolus ex H.Jacobsen (9)
 Perennial. Succulent. Ht ± 0.04 m. Alt up to 400 m. N,
 NC
- ernii* L.Bolus = **C. ebracteatum**
- framesii** L.Bolus
C. densum N.E.Br. (10)
C. stayneri L.Bolus (9)
 Perennial. Succulent. Ht ± 0.08 m. Alt 50–850 m. NC,
 WC
- franciscii* L.Bolus = **C. alstonii**
- frutescens* L.Bolus = **Leipoldtia frutescens**
- frutescens* L.Bolus var. *decumbens* L.Bolus = **Leipoldtia frutescens**
- fulleri** L.Bolus
 Perennial. Succulent. Ht ± 0.09 m. Alt ± 1000 m. NC
- goodii** L.Bolus
 Perennial. Succulent. Ht ± 0.06 m. Alt up to 450 m.
 NC
- gracile* L.Bolus = **C. purpureo-album**
- gracile* L.Bolus var. *longisepalum* L.Bolus = **C. purpureo-album**
- hallii** L.Bolus
 Perennial. Succulent. Ht up to 0.1 m. Alt 600–900 m.
 NC
- herrei** L.Bolus
C. pallens L.Bolus (9)
 Perennial. Succulent. Ht ± 0.4 m. Alt up to 1000 m. N,
 NC
- herrei* L.Bolus var. *decumbens* L.Bolus, naked name =
C. numeesense
- inaequale** L.Bolus
 Perennial. Succulent. Ht ± 0.1 m. Alt up to 1200 m.
 NC
- insigne* L.Bolus = **C. rigidum**
- kliprandense* L.Bolus = **C. parvibracteatum**
- laetulum* L.Bolus = **C. ebracteatum**
- latipetalum* L.Bolus = **C. curtophyllum**
- littlewoodii* L.Bolus = **C. purpureo-album**
- loreum** (L.) Schwantes
C. apiculatum L.Bolus (9)
C. cedrimontanum L.Bolus (9)
C. compactum L.Bolus (9)
C. decipiens (Haw.) L.Bolus (9)
C. primulinum (L.Bolus) Schwantes (9)
 Perennial. Succulent. Ht ± 0.12 m. Alt ± 600 m. WC
- luxurians* Dinter, naked name = **Jordaaniella cuprea**
- maritimum* (L.Bolus) Schwantes = **Jordaaniella dubia**
- middlemostii* L.Bolus = **C. purpureo-album**
- namaquanum* L.Bolus = **C. ebracteatum**
- niveum** L.Bolus
C. truncatum L.Bolus (9)
 Perennial. Succulent. Ht up to 0.12 m. Alt 150–800 m.
 NC, WC
- numeesense** H.E.K.Hartmann
C. herrei L.Bolus var. *decumbens* L.Bolus, naked name (9)
 Perennial. Succulent. Ht up to 0.1 m. Alt 50–900 m.
 NC
- pallens* L.Bolus = **C. herrei**
- parvibracteatum** (L.Bolus) H.E.K.Hartmann
C. kliprandense L.Bolus (9)
Cheiridopsis parvibracteata L.Bolus (9)
 Perennial. Succulent. Ht up to 0.07 m. Alt 600–1200
 m. NC, WC

parviflorum L.Bolus*C. parviflorum* L.Bolus var. *proliferum* L.Bolus (9)

Perennial. Succulent. Ht ± 0.07 m. Alt 20–300 m. WC

parviflorum L.Bolus var. *proliferum* L.Bolus = **C. parviflorum****parvulum** (Schltr.) H.E.K.Hartmann*Cheiridopsis parvula* (Schltr.) N.E.Br. (10)*Mesembryanthemum parvulum* Schltr. (10)

Perennial. Succulent. Ht ± 0.04 m. Alt 200–600 m.

WC

paucifolium L.Bolus = **C. purpureo-album****pillansii** L.Bolus*C. pillansii* L.Bolus var. *grandiflorum* L.Bolus (9)

Perennial. Succulent. Ht ± 0.2 m. Alt 300–1100 m.

NC, WC

pillansii L.Bolus var. *grandiflorum* L.Bolus = **C. pillansii***pittenii* L.Bolus = **Jordaaniella dubia***platycalyx* (L.Bolus) Schwantes = **C. curtophyllum***primulinum* (L.Bolus) Schwantes = **C. loreum***procumbens* (Haw.) Schwantes = **Jordaaniella dubia****pulchellum** L.Bolus*C. brevifolium* L.Bolus (9)

Perennial. Succulent. Ht ± 0.05 m. Alt 200–350 m.

WC

pulchrum L.Bolus

Perennial. Succulent. Ht ± 0.07 m. Alt 200–350 m.

WC

punctatum (Haw.) N.E.Br. = **C. subulatoides****purpureo-album** (Haw.) Schwantes*C. aurantiacum* L.Bolus (9)*C. gracile* L.Bolus (9)*C. gracile* L.Bolus var. *longisepalum* L.Bolus (9)*C. littlewoodii* L.Bolus (9)*C. middlemostii* L.Bolus (9)*C. paucifolium* L.Bolus (9)*C. serrulatum* L.Bolus (9)*C. worcesterense* L.Bolus (9)

Perennial. Succulent. Ht ± 0.15 m. Alt 300–1000 m.

WC

rangei (Engl.) L.Bolus ex H.Jacobsen = **C. ebracteatum****regale** L.Bolus*C. vanheerdei* L.Bolus (9)

Perennial. Succulent. Ht ± 0.05 m. Alt 20–1200 m. NC

rhodandrum L.Bolus = **C. curtophyllum****rigidum** L.Bolus*C. aureorubrum* L.Bolus (9)*C. insigne* L.Bolus (9)

Perennial. Succulent. Ht up to 0.06 m. Alt 20–1100 m.

NC

roseum (L.Bolus) L.Bolus = **Leipoldtia rosea****rostellum** (L.Bolus) H.E.K.Hartmann*Vanzijlia rostella* L.Bolus (10)

Perennial. Succulent. Ht up to 0.025 m. Alt 20–260 m.

WC

serrulatum L.Bolus = **C. purpureo-album****spissum** H.E.K.Hartmann

Perennial. Succulent. Ht up to 0.05 m, when in flower.

Alt 200–350 m. WC

spongiosum (L.Bolus) L.Bolus = **Jordaaniella spongiosa****staminodiosum** L.Bolus

Perennial. Succulent. Ht up to 0.04 m. Alt 200–350 m.

WC

stayneri L.Bolus = **C. framesii****subulatoides** (Haw.) N.E.Br.*C. acutum* (Haw.) L.Bolus (10)*C. diminutum* (Haw.) L.Bolus (9)*C. punctatum* (Haw.) N.E.Br. (9)

Perennial. Succulent. Ht up to 0.04 m. Alt 60–690 m.

WC

tenuifolium L.Bolus = **C. tricolorum****tetrastichum** H.E.K.Hartmann

Perennial. Succulent. Ht up to 0.1 m. Alt 10–200 m.

NC

tricolorum (Haw.) Schwantes*C. comptonii* N.E.Br. (9)*C. crassum* L.Bolus (9)*C. tenuifolium* L.Bolus (9)

Perennial. Succulent. Ht up to 0.12 m. Alt 20–600 m.

WC

truncatum L.Bolus = **C. niveum***uniflorum* L.Bolus = **Jordaaniella uniflora***vandermerwei* L.Bolus = **C. diversiphyllum***vanheerdei* L.Bolus = **C. regale***vanputtenii* L.Bolus = **Jordaaniella dubia***watermeyerii* L.Bolus = **Jordaaniella dubia***weingangianum* (Dinter) Dinter & Schwantes = **Leipoldtia****weingangiana** subsp. **weingangiana***worcesterense* L.Bolus = **C. purpureo-album****CEROCHLAMYS** N.E.Br. 2405025(1) Hartmann. 1998. *Bradleya* 16: 48–56.(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 113–115.**gemina** (L.Bolus) H.E.K.Hartmann*Mesembryanthemum geminum* N.E.Br. (1)*Ruschia gemina* L.Bolus (1)

Perennial. Succulent. Ht up to 0.04 m. Alt 300–950 m.

WC

pachyphylla (L.Bolus) L.Bolus*C. pachyphylla* (L.Bolus) L.Bolus var. *albiflora* H.Jacobsen (1)*Mesembryanthemum pachyphyllum* L.Bolus (1)

Perennial. Succulent. Ht up to 0.05 m. Alt 400–780 m.

WC

pachyphylla (L.Bolus) L.Bolus var. *albiflora* H.Jacobsen= **C. pachyphylla***purpureostyla* (L.Bolus) H.E.K.Hartmann = **Acrodon****purpureostylus****trigona** N.E.Br.

Perennial. Succulent. Ht up to 0.05 m. Alt 190–650 m.

WC

CHASMATOPHYLLUM Dinter 2405026 & Schwantes(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 115–117.**braunsii** Schwantes*braunsii* Schwantes var. *majus* L.Bolus (1)

Perennial. Succulent. Ht up to 0.02 m. Alt 800–1700

m. NC, WC

braunsii Schwantes var. *majus* L.Bolus = **C. braunsii****maninum** L.Bolus

- Perennial. Succulent. Ht up to 0.02 m. Alt ± 1600 m.
NC
- musculinum** (Haw.) Dinter & Schwantes
Mesembryanthemum dinterae Dinter (1)
Mesembryanthemum musculinum Haw. (1)
Stomatium musculinum Schwantes (1)
Perennial. Succulent. Ht up to 0.03 m. Alt 980–1700
m. N, NW, G, M, FS, NC, WC, EC
- nelii** Schwantes
Perennial. Succulent. Ht up to 0.1 m. Alt 800–1100 m.
EC
- rouxii** L.Bolus
Rhinephyllum rouxii (L.Bolus) L.Bolus (1)
Perennial. Succulent. Ht up to 0.02 m. Alt 1300–1700
m. NC
- stanleyi** (L.Bolus) H.E.K.Hartmann
Hereroa stanleyi (L.Bolus) L.Bolus (1)
Perennial. Succulent. Ht up to 0.09 m. Alt 550–1200
m. WC, EC
- verdoorniae** (N.E.Br.) L.Bolus
Perennial. Succulent. Ht up to 0.02 m. Alt 1400–1600
m. FS
- willowmorense** (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt 750–1050 m.
EC
- CHEIRIDOPSIS** N.E.Br. 2405027
- (1) Bolus. 1967. *The Flowering Plants of Africa* 38: t. 1507.
 - (2) Bolus. 1968. *The Flowering Plants of Africa* 39: t. 1529.
 - (3) Hartmann & Dehn. 1987. *Botanische Jahrbücher* 108: 567–663.
 - (4) Hammer. 1993. *Bradleya* 11: 75–85.
 - (5) Hammer. 1995. *Piante Grasse* 15,4 Suppl.: 59–87.
 - (6) Williamson. 2000. *Aloe* 37: 4–7.
 - (7) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 117–128.
 - (8) Hammer. 2002. *Cactus and Succulent Journal (U.S.)* 74: 112–115.
- acuminata** L.Bolus
C. carinata L.Bolus (3)
Perennial. Succulent. Ht up to 0.07 m. Alt 190–900 m.
NC
- alata* L.Bolus = **C. robusta**
- albiflora* L.Bolus = **C. derenbergiana**
- albirosea* L.Bolus = **Ihlenfeldtia excavata**
- altitecta* Schwantes = **C. derenbergiana**
- amabilis** S.A.Hammer
Perennial. Succulent. Ht up to 0.03 m. Alt? NC
- ampliata* L.Bolus = **C. derenbergiana**
- angustipetala* L.Bolus = **C. derenbergiana**
- aspera** L.Bolus
Perennial. Succulent. Ht up to 0.08 m. Alt 460–1100
m. NC
- aurea* L.Bolus var. *aurea* = **C. robusta**
- aurea* L.Bolus var. *lutea* L.Bolus = **C. robusta**
- ausensis* L.Bolus = **C. caroli-schmidtii**
- bibracteata* (Haw.) N.E.Br. = **C. rostrata**
- bifida* (Haw.) N.E.Br. = **C. rostrata**
- borealis* L.Bolus = **C. caroli-schmidtii**
- brachystigma* L.Bolus = **C. pillansii**
- breachiae* L.Bolus = **C. namaquensis**
- brevipes* L.Bolus = **C. robusta**
- brevis* L.Bolus = **C. namaquensis**
- brownii** Schick & Tischer
C. hallii L.Bolus (3)
C. insignis Schwantes (3)
C. staminodifera L.Bolus (3)
C. turgida L.Bolus (3)
Perennial. Succulent. Ht up to 0.05 m. Alt 20–1100 m.
N, NC
- campanulata** G.Will.
Perennial. Succulent. Ht ± 0.08 m. Alt ± 678 m. NC
- candidissima* (Haw.) N.E.Br. = **C. denticulata**
- carinata* L.Bolus = **C. acuminata**
- carnea* N.E.Br. = **C. rostrata**
- caroli-schmidtii** (Dinter & A.Berger) N.E.Br.
C. ausensis L.Bolus (3)
C. borealis L.Bolus (3)
Perennial. Succulent. Ht up to 0.05 m. Alt 600–1500
m. N
- cigaretifera* (A.Berger) N.E.Br. = **C. namaquensis**
- citrina* L.Bolus = **C. derenbergiana**
- compressa* L.Bolus = **C. derenbergiana**
- cuprea* (L.Bolus) N.E.Br. = **Cephalophyllum caespitosum**
- curta* L.Bolus = **C. namaquensis**
- delphinooides** S.A.Hammer
Perennial. Succulent. Ht up to 0.03 m. Alt 800–1100
m. NC
- denticulata** (Haw.) N.E.Br.
C. candidissima (Haw.) N.E.Br. (3)
C. denticulata (Haw.) N.E.Br. var. *glauca* (Haw.) N.E.Br. (3)
C. inconspicua N.E.Br. (3)
C. littlewoodii L.Bolus (3)
C. macrophylla L.Bolus (3)
C. vanheerdei L.Bolus (3)
Perennial. Succulent. Ht up to 0.15 m. Alt 300–1200
m. NC
- denticulata* (Haw.) N.E.Br. var. *glauca* (Haw.) N.E.Br. =
C. denticulata
- derenbergiana** Schwantes
C. albiflora L.Bolus (3)
C. altitecta Schwantes (3)
C. ampliata L.Bolus (3)
C. angustipetala L.Bolus (3)
C. citrina L.Bolus (3)
C. compressa L.Bolus (3)
C. eburnea L.Bolus (3)
C. inaequalis L.Bolus (3)
C. macrocalyx L.Bolus (3)
C. quadrifolia L.Bolus (3)
C. subaequalis L.Bolus (3)
Perennial. Succulent. Ht up to 0.05 m. Alt 300–600 m.
NC
- difformis* (Thunb.) N.E.Br. = **C. namaquensis**
- dilatata* L.Bolus = **Ihlenfeldtia excavata**
- duplessii* L.Bolus = **C. namaquensis**
- eburnea* L.Bolus = **C. derenbergiana**
- excavata* L.Bolus = **Ihlenfeldtia excavata**
- framesii* L.Bolus = **C. namaquensis**
- gamoepeensis** S.A.Hammer
Perennial. Succulent. Ht up to 0.03 m. Alt 1010–1150
m. NC

- gibbosa* Schick & Tischer = **C. pillansii**
glabra L.Bolus = **C. pearsonii**
glomerata S.A.Hammer
 Perennial. Succulent. Ht up to 0.03 m. Alt? NC
grandiflora L.Bolus = **C. robusta**
hallii L.Bolus = **C. brownii**
herrei L.Bolus
 Perennial. Succulent. Ht up to 0.04 m. Alt 300–600 m.
 NC
hutchinsonii L.Bolus = **C. namaquensis**
imitans L.Bolus
 Perennial. Succulent. Ht up to 0.15 m. Alt 300–600 m.
 NC
inaequalis L.Bolus = **C. derenbergiana**
inconspicua N.E.Br. = **C. denticulata**
insignis Schwantes = **C. brownii**
inspersa (N.E.Br.) N.E.Br. = **C. rostrata**
intrusa L.Bolus = **C. namaquensis**
latifolia L.Bolus = **C. namaquensis**
lecta (N.E.Br.) N.E.Br. = **C. robusta**
leptopetala L.Bolus = **C. robusta**
littlewoodii L.Bolus = **C. denticulata**
longipes L.Bolus = **C. namaquensis**
luckhoffii L.Bolus = **C. namaquensis**
macrocalyx L.Bolus = **C. derenbergiana**
macrophylla L.Bolus = **C. denticulata**
marlothii N.E.Br. = **C. namaquensis**
meyeri N.E.Br.
 Perennial. Succulent. Ht up to 0.03 m. Alt ± 300 m.
 NC
meyeri N.E.Br. var. *minor* L.Bolus = **C. minor**
minima Tischer = **Antimima minima**
minor (L.Bolus) H.E.K.Hartmann
C. meyeri N.E.Br. var. *minor* L.Bolus (7)
 Perennial. Succulent. Ht up to 0.02 m. Alt? NC
multiseriata L.Bolus = **C. robusta**
namaquensis (Sond.) H.E.K.Hartmann
C. breachiae L.Bolus (7)
C. brevis L.Bolus (7)
C. cigaretifera (A.Berger) N.E.Br. (7)
C. curta L.Bolus (7)
C. difformis (Thunb.) N.E.Br. (7)
C. duplessii L.Bolus (7)
C. framesii L.Bolus (7)
C. hutchinsonii L.Bolus (7)
C. intrusa L.Bolus (7)
C. latifolia L.Bolus (7)
C. longipes L.Bolus (7)
C. luckhoffii L.Bolus (7)
C. marlothii N.E.Br. (7)
C. quaternifolia L.Bolus (7)
C. scabra L.Bolus var. *fera* L.Bolus (7)
C. scabra L.Bolus var. *scabra* (7)
C. serrulata L.Bolus (7)
C. subalba L.Bolus (7)
C. tenuifolia L.Bolus (7)
Mesembryanthemum difforme Thunb. (7)
 Perennial. Succulent. Ht up to 0.04 m. Alt 300–900 m.
 NC, WC
nelii Schwantes
- Perennial. Succulent. Ht? Alt? WC
papillata L.Bolus = **Ihlenfeldtia vanzylii**
parvibracteata L.Bolus = **Cephalophyllum parvibracteatum**
parvula (Schltr.) N.E.Br. = **Cephalophyllum parvulum**
paucifolia L.Bolus = **C. schlechteri**
pearsonii N.E.Br.
C. glabra L.Bolus (3)
C. resurgens L.Bolus (3)
 Perennial. Succulent. Ht up to 0.05 m. Alt 1200–1700 m. NC
peculiaris N.E.Br.
 Perennial. Succulent. Ht up to 0.04 m. Alt 600–1000 m. NC
peersii L.Bolus = **C. turbinata**
perdecora N.E.Br. = **C. robusta**
pillansii L.Bolus
C. brachystigma L.Bolus (3)
C. gibbosa Schick & Tischer (3)
C. pillansii L.Bolus var. *crassa* (L.Bolus) G.D.Rowley (3)
 Perennial. Succulent. Ht up to 0.08 m. Alt 400–750 m.
 NC
pillansii L.Bolus var. *crassa* (L.Bolus) G.D.Rowley =
C. pillansii
pilosula L.Bolus
 Perennial. Succulent. Ht up to 0.12 m. Alt 850–1250 m. NC
ponderosa S.A.Hammer
 Perennial. Succulent. Ht? Alt? NC
pressa (N.E.Br.) N.E.Br. = **C. robusta**
pulverulenta L.Bolus = **C. schlechteri**
purpurascens (Salm-Dyck) N.E.Br. var. *leipoldtii*
 L.Bolus = **C. rostrata**
purpurascens (Salm-Dyck) N.E.Br. var. *purpurascens* =
C. rostrata
purpurea L.Bolus
C. splendens L.Bolus (3)
 Perennial. Succulent. Ht up to 0.04 m. Alt ± 300 m.
 NC
quadrifolia L.Bolus = **C. derenbergiana**
quaternifolia L.Bolus = **C. namaquensis**
resurgens L.Bolus = **C. pearsonii**
richardiana L.Bolus = **Ihlenfeldtia vanzylii**
robusta (Haw.) N.E.Br.
C. alata L.Bolus (3)
C. aurea L.Bolus var. *aurea* (3)
C. aurea L.Bolus var. *lutea* L.Bolus (3)
C. brevipes L.Bolus (3)
C. grandiflora L.Bolus (3)
C. lecta (N.E.Br.) N.E.Br. (3)
C. leptopetala L.Bolus (3)
C. multiseriata L.Bolus (3)
C. perdecora N.E.Br. (3)
C. pressa (N.E.Br.) N.E.Br. (3)
C. roodiae N.E.Br. (3)
C. schickiana Tischer (3)
C. truncata L.Bolus (3)
 Perennial. Succulent. Ht up to 0.1 m, when in flower.
 Alt 20–600 m. N, NC
roodiae N.E.Br. = **C. robusta**
rostrata (L.) N.E.Br.

- C. bibracteata* (Haw.) N.E.Br. (3)
C. bifida (Haw.) N.E.Br. (3)
C. carnea N.E.Br. (3)
C. inspersa (N.E.Br.) N.E.Br. (3)
C. purpurascens (Salm-Dyck) N.E.Br. var. *leipoldtii* L.Bolus (3)
C. purpurascens (Salm-Dyck) N.E.Br. var. *purpurascens* (3)
C. rostratoides (Haw.) N.E.Br. (3)
C. tuberculata (Mill.) N.E.Br. (3)
C. velutina L.Bolus (3)
 Perennial. Succulent. Ht up to 0.05 m, when in flower.
 Alt 20–600 m. WC
- rostratoides* (Haw.) N.E.Br. = **C. rostrata**
- rudis** L.Bolus
 Perennial. Succulent. Ht up to 0.04 m. Alt? NC
- scabra* L.Bolus var. *fera* L.Bolus = **C. namaquensis**
scabra L.Bolus var. *scabra* = **C. namaquensis**
- schickiana* Tischer = **C. robusta**
- schlechteri** Tischer
C. paucifolia L.Bolus (3)
C. pulverulenta L.Bolus (3)
 Perennial. Succulent. Ht up to 0.05 m. Alt 300–600 m.
 NC
- serrulata* L.Bolus = **C. namaquensis**
- speciosa** L.Bolus
 Perennial. Succulent. Ht up to 0.05 m. Alt 300–600 m.
 NC
- splendens* L.Bolus = **C. purpurea**
- staminodifera* L.Bolus = **C. brownii**
- subaequalis* L.Bolus = **C. derenbergiana**
- subalba* L.Bolus = **C. namaquensis**
- tenuifolia* L.Bolus = **C. namaquensis**
- truncata* L.Bolus = **C. robusta**
- tuberculata* (Mill.) N.E.Br. = **C. rostrata**
- turbinata** L.Bolus
C. peersii L.Bolus (3)
C. turbinata L.Bolus var. *minor* L.Bolus (3)
 Perennial. Succulent. Ht up to 0.15 m. Alt 300–1000
 m. NC, WC
- turbinata* L.Bolus var. *minor* L.Bolus = **C. turbinata**
- turgida* L.Bolus = **C. brownii**
- umbrosa** S.A.Hammer & P.Desmet
 Perennial. Succulent. Ht up to 0.03 m. Alt 1000–1200
 m. NC
- umdausensis** L.Bolus
 Perennial. Succulent. Ht up to 0.08 m. Alt 600–1120
 m. NC
- vanbredai* L.Bolus = **Ihlenfeldtia excavata**
- vanheerdei* L.Bolus = **C. denticulata**
- vanzijlii* L.Bolus = **Ihlenfeldtia vanzylia**
- velox** S.A.Hammer
 Perennial. Succulent. Ht up to 0.1 m. Alt 800–1160 m.
 NC
- velutina* L.Bolus = **C. rostrata**
- ventricosa* (L.Bolus) N.E.Br. = **Antimima ventricosa**
- verrucosa** L.Bolus
C. verrucosa L.Bolus var. *minor* L.Bolus (3)
 Perennial. Succulent. Ht up to 0.03 m. Alt 20–300 m.
 NC
- verrucosa* L.Bolus var. *minor* L.Bolus = **C. verrucosa**

- CIRCANDRA** N.E.Br. 2405138
 (1) Brown. 1930. *The Gardeners' Chronicle* 87: 126.
 (2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 129.
- serrata** (L.) N.E.Br.
Erepsia serrata (L.) L.Bolus (1)
Mesembryanthemum serratum L. (1)
 Perennial. Succulent. Ht up to 0.6 m. Alt 350–850 m.
 WC
- CLERETUM** N.E.Br. 2405140
 (1) Bolus. 1962. *The Flowering Plants of Africa* 35: t. 1366.
 (2) Ihlenfeldt & Struck. 1986. *Beiträge zur Biologie der Pflanzen* 61: 411–453.
 (3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 129–131.
- herrei** (Schwantes) Ihlenf. & Struck
 Annual. Succulent. Ht up to 0.05 m. Alt 20–350 m.
 WC
- lyratifolium** Ihlenf. & Struck
 Annual. Succulent. Ht up to 0.04 m. Alt 800–1000 m.
 WC
- papulosum** (L.f.) L.Bolus subsp. **papulosum**
C. papulosum (L.f.) N.E.Br., illegitimate name (2)
Mesembryanthemum papulosum L.f. (3)
Mesembryanthemum sessiliflorum Aiton (2)
Micropterum papulosum (L.f.) Schwantes (2)
Micropterum papulosum (L.f.) Schwantes subsp. *multiflorum*
 Schwantes, naked name (2)
Micropterum sessiliflorum (Aiton) Schwantes (2)
 Annual. Succulent. Ht up to 0.08 m. Alt 800–1600 m.
 NC, WC
- papulosum** (L.f.) L.Bolus subsp. **schlechteri** (Schwantes)
 Ihlenf. & Struck
 Annual. Succulent. Ht up to 0.1 m. Alt up to 1200 m.
 NC
- papulosum* (L.f.) N.E.Br., illegitimate name = **C. papulosum** subsp. **papulosum**
- CONICOSIA** N.E.Br. 2405028
 (1) Ihlenfeldt & Gerbaulet. 1990. *Botanische Jahrbücher* 111: 457–498.
 (2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 131–133.
- alborosea* L.Bolus = **C. pugioniformis** subsp. **alborosea**
- australis* L.Bolus = **C. pugioniformis** subsp. **muirii**
- bijlii* N.E.Br. = **C. pugioniformis** subsp. **muirii**
- brevicaulis* (Haw.) Schwantes = **C. pugioniformis** subsp. **pugioniformis**
- communis* (Edwards) N.E.Br. = **C. pugioniformis** subsp. **pugioniformis**
- coruscans* (Haw.) Schwantes = **C. elongata**
- elongata** (Haw.) N.E.Br.
C. coruscans (Haw.) Schwantes (1)
C. robusta N.E.Br. (1)
Herrea acocksii L.Bolus (1)
Herrea affinis (N.E.Br.) L.Bolus (1)
Herrea alba L.Bolus (1)
Herrea albolutea L.Bolus (1)
Herrea blanda L.Bolus (1)
Herrea brevisepala L.Bolus (1)
Herrea elongata (Haw.) L.Bolus var. *elongata* (1)
Herrea elongata (Haw.) L.Bolus var. *minor* (Haw.) L.Bolus (1)
Herrea excavata L.Bolus (1)
Herrea fusiformis (Haw.) L.Bolus (1)
Herrea grandis L.Bolus (1)
Herrea gydouwensis L.Bolus (1)

Herrea inaequalis L.Bolus (1)
Herrea klaverensis L.Bolus (1)
Herrea laticalyx L.Bolus (1)
Herrea macrocalyx L.Bolus (2)
Herrea nelii Schwantes (2)
Herrea obtusa L.Bolus (1)
Herrea plana L.Bolus (1)
Herrea porcina L.Bolus (1)
Herrea robusta (N.E.Br.) L.Bolus (1)
Herrea ronaldii L.Bolus (1)
Herrea roodiae (N.E.Br.) L.Bolus (1)
Herrea stipitata L.Bolus (1)
 Perennial. Succulent. Ht up to 0.3 m. Alt 200–950 m.
 NC, WC

muirii N.E.Br. = **C. pugioniformis** subsp. **muirii**
pugioniformis (L.) N.E.Br. subsp. **alborosea** (L.Bolus)
 Ihlenf. & Gerbaulet
C. alborosea L.Bolus (1)
 Perennial. Succulent. Ht up to 0.6 m. Alt 20–600 m.
 NC

pugioniformis (L.) N.E.Br. subsp. **muirii** (N.E.Br.)
 Ihlenf. & Gerbaulet
C. australis L.Bolus (1)
C. bijlii N.E.Br. (1)
C. muirii N.E.Br. (1)
 Perennial. Succulent. Ht up to 0.2 m. Alt 10–200 m.
 WC

pugioniformis (L.) N.E.Br. subsp. **pugioniformis**
C. brevicaulis (Haw.) Schwantes (1)
C. communis (Edwards) N.E.Br. (1)
C. pulliloba N.E.Br. (1)
Herrea caledonica L.Bolus (1)
 Perennial. Succulent. Ht up to 0.4 m, when in flower.
 Alt 20–350 m. WC

pulliloba N.E.Br. = **C. pugioniformis** subsp. **pugioniformis**
robusta N.E.Br. = **C. elongata**

CONOPHYLLUM Schwantes 2405029
globosum L.Bolus = **Meyerophytum globosum**

CONOPHYTUM N.E.Br. 2405030
 (1) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 400.
 (2) Lavis. 1933. *The Flowering Plants of South Africa* 13: tt. 509A–510B.
 (3) Hammer. 1993. *The genus Conophytum*: 1–283.
 (4) Pavelka. 1999. *Kaktusy* 35, Speciál 1999/1: 1–32.
 (5) Smale. 2000. *Cactus and Succulent Journal of Great Britain* 18: 101–107.
 (6) Hammer. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 134–175.
 (7) Desmet *et al.* 2001. *Bradleya* 19: 15–18.
 (8) Hammer. 2002. *Dumpling and his wife: new views of the genus Conophytum*: 1–398.

absimile L.Bolus forma *majus* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
absimile L.Bolus forma *umbrosum* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
absimile L.Bolus var. *absimile* = **C. bilobum** subsp. **bilobum** var. **bilobum**

achabense S.A.Hammer
 Perennial. Succulent. Ht up to 0.01 m. Alt 1050–1160 m. NC

acutum L.Bolus
 Perennial. Succulent. Ht up to 0.01 m. Alt 420–600 m.
 WC

admiraalii L.Bolus = **C. jucundum** subsp. **jucundum**
advenum N.E.Br. = **C. piluliforme** subsp. **piluliforme**
aequale L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

aequatum L.Bolus = **C. pageae**

aggregatum (Haw. ex N.E.Br.) N.E.Br. = **C. piluliforme** subsp. **piluliforme**

albertense (N.E.Br.) N.E.Br. = **C. truncatum** subsp. **truncatum** var. **truncatum**

albescens N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

albifissum Tischer = **C. minimum**

albiflorum (Rawe) S.A.Hammer
C. edwardsiae Lavis var. *albiflorum* Rawe (3)
 Perennial. Succulent. Ht up to 0.03 m. Alt 10–100 m.
 WC

altile (N.E.Br.) N.E.Br. = **C. ficiforme**

altum L.Bolus var. *altum* = **C. bilobum** subsp. **altum**

altum L.Bolus var. *plenum* L.Bolus = **C. bilobum** subsp. **altum**

ampliatum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

amplum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

andausanum N.E.Br. var. *andausanum* = **C. bilobum** subsp. **bilobum** var. **bilobum**

andausanum N.E.Br. var. *immaculatum* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

angelicae (Dinter & Schwantes) N.E.Br. subsp. **angelicae**

Mesembryanthemum angelicae (Dinter & Schwantes) N.E.Br. (3)
 Perennial. Succulent. Ht up to 0.01 m. Alt 900–1100 m. N, NC

angelicae (Dinter & Schwantes) N.E.Br. subsp. **tetragonum** Rawe & S.A.Hammer
 Perennial. Succulent. Ht up to 0.01 m. Alt 700–980 m.
 NC

angustum N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

angustum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

anjametae de Boer = **C. violaciflorum**

anomalum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

apertum Tischer = **C. bilobum** subsp. **altum**

apiatum (N.E.Br.) N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

apiculatum N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

approximatum Lavis = **C. bilobum** subsp. **bilobum** var. **bilobum**

archeri Lavis var. *archeri* = **C. piluliforme** subsp. **piluliforme**

archeri Lavis var. *stayneri* L.Bolus = **C. truncatum** subsp. **viridicatum**

areolatum Littlew. = **C. pellucidum** subsp. **pellucidum**

armianum S.A.Hammer

Perennial. Succulent. Ht up to 0.01 m. Alt 650–1100 m. NC

arthurofago S.A.Hammer

C. lithopsoides L.Bolus subsp. *arthurofago* S.A.Hammer (8)

Perennial. Succulent. Ht up to 0.04 m. Alt 900–1200 m. NC

asperulum L.Bolus var. *asperulum* = **C. bilobum** subsp. **bilobum** var. **bilobum**

asperulum L.Bolus var. *brevistylum* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

assimile (N.E.Br.) N.E.Br. = **C. ficiforme**

astylum L.Bolus = **C. pellucidum** subsp. **cupreatum**

auctum N.E.Br. forma *approximatum* (Lavis) Rawe = **C. bilobum** subsp. **bilobum** var. **bilobum**

auctum N.E.Br. forma *auctum* = **C. bilobum** subsp. **bilobum** var. **bilobum**

auriflorum Tischer subsp. **auriflorum**

Perennial. Succulent. Ht up to 0.02 m. Alt 690–1000 m. NC

auriflorum Tischer subsp. **turbiniforme** (Rawe) S.A.Hammer

C. turbiniforme Rawe (3)

Perennial. Succulent. Ht up to 0.02 m. Alt 540–860 m. NC

australe L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

avenantii L.Bolus = **C. jucundum** subsp. **fragile**

bachelorum S.A.Hammer

Perennial. Succulent. Ht up to 0.02 m, when in flower. Alt 400–730 m. NC

bachelorum S.A.Hammer subsp. *sponsaliorum* S.A.Hammer = **C. obscurum** subsp. **sponsaliorum**

barbatum L.Bolus = **C. obscurum** subsp. **barbatum**

barkeriae L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

batesii N.E.Br. = **C. minimum**

bicarinatedum L.Bolus

Perennial. Succulent. Ht up to 0.03 m. Alt 700–1400 m. WC

bilobum (Marloth) N.E.Br. subsp. **altum** (L.Bolus) S.A.Hammer

C. altum L.Bolus var. *altum* (3)

C. altum L.Bolus var. *plenum* L.Bolus (3)

C. apertum Tischer (3)

C. connatum L.Bolus (3)

C. corniferum Schick & Tischer (3)

C. gracile N.E.Br. var. *gracile* (3)

C. gracile N.E.Br. var. *majusculum* L.Bolus (3)

C. graciliramosum L.Bolus (2)

C. luiseae Schwantes (3)

C. luiseae Schwantes var. *papillatum* L.Bolus, semi-naked name (3)

Perennial. Succulent. Ht up to 0.1 m with age. Alt 600–800 m. NC

bilobum (Marloth) N.E.Br. subsp. **bilobum** var. **bilobum**

C. absimile L.Bolus forma *absimile* (3)

C. absimile L.Bolus forma *majus* L.Bolus (3)

C. absimile L.Bolus forma *umbrosum* L.Bolus (3)

C. aequale L.Bolus (3)

C. albescens N.E.Br. (3)

C. ampliatum L.Bolus (3)

C. amplum L.Bolus (3)

C. andausanum N.E.Br. var. *andausanum* (3)

C. andausanum N.E.Br. var. *immaculatum* L.Bolus (3)

C. angustum L.Bolus (3)

C. angustum N.E.Br. (3)

C. anomalum L.Bolus (3)

C. apiatum (N.E.Br.) N.E.Br. (3)

C. apiculatum N.E.Br. (3)

C. approximatum Lavis (3)

C. asperulum L.Bolus var. *asperulum* (3)

C. asperulum L.Bolus var. *brevistylum* L.Bolus (3)

C. auctum N.E.Br. forma *approximatum* (Lavis) Rawe (3)

C. auctum N.E.Br. forma *auctum* (3)

C. australe L.Bolus (3)

C. barkeriae L.Bolus (3)

C. brevisectum L.Bolus (3)

C. cauliferum N.E.Br. var. *cauliferum* (3)

C. cauliferum N.E.Br. var. *lekkersingense* L.Bolus (3)

C. christiansenianum L.Bolus (3)

C. citrinum L.Bolus (3)

C. compressum N.E.Br. (3)

C. conradii L.Bolus (3)

C. convexum L.Bolus (3)

C. cordatum Schick & Tischer var. *cordatum* (3)

C. cordatum Schick & Tischer var. *macrostigma* L.Bolus (3)

C. coriaceum L.Bolus (3)

C. crassum L.Bolus (3)

C. curtum L.Bolus (3)

C. dennisii N.E.Br. (3)

C. difforme L.Bolus (3)

C. dilatatum Tischer (3)

C. dissimile L.Bolus (3)

C. distans L.Bolus (3)

C. divaricatum N.E.Br. (3)

C. diversum N.E.Br. (3)

C. dolomiticum Tischer (3)

C. ecarinatum L.Bolus var. *angustum* L.Bolus (3)

C. ecarinatum L.Bolus var. *ecarinatum* (3)

C. ecarinatum L.Bolus var. *mutabile* L.Bolus (3)

C. excisum L.Bolus (3)

C. exsertum N.E.Br. (3)

C. gonapense L.Bolus var. *gonapense* (3)

C. gonapense L.Bolus var. *numeesicum* L.Bolus (3)

C. grandiflorum L.Bolus (3)

C. inclusum L.Bolus (3)

C. incurvum N.E.Br. var. *incurvum* (3)

C. incurvum N.E.Br. var. *leucanthum* (Lavis) Tischer (3)

C. indefinitum L.Bolus (3)

C. insigne L.Bolus (3)

C. klipbokbergense L.Bolus (3)

C. lacteum L.Bolus (3)

C. largum L.Bolus (3)

C. latum L.Bolus (3)

C. lavisianum L.Bolus (3)

C. laxipetalum N.E.Br. (3)

C. lekkersingense L.Bolus (3)

C. leucanthum Lavis (3)

C. leucanthum Lavis var. *multipetalum* L.Bolus (3)

C. markoetterae Schwantes (3)

C. meyeriae Schwantes forma *alatum* Tischer (3)

C. meyeriae Schwantes forma *apiculatum* (N.E.Br.) Tischer, invalid combination (3)

C. meyeriae Schwantes forma *asperulum* (L.Bolus) H.Jacobsen (3)

C. meyeriae Schwantes forma *meyeriae* (3)

C. meyeriae Schwantes forma *pole-evansii* (N.E.Br.) Tischer, invalid combination (3)

C. nelianum Schwantes (3)

C. noisabisense L.Bolus (3)

C. nutaboiense Tischer (3)

C. obtusum N.E.Br. var. *amplum* (L.Bolus) Rawe (3)

C. obtusum N.E.Br. var. *obtusum* (3)

C. ovatum L.Bolus (3)

C. parvulum L.Bolus (3)

C. philippi L.Bolus (3)

C. piriforme L.Bolus (3)

C. plenum N.E.Br. (3)

C. pluriforme L.Bolus (3)

C. pole-evansii N.E.Br. (3)

- C. proximum* L.Bolus (3)
C. recisum N.E.Br. (3)
C. simile N.E.Br. (3)
C. simplum N.E.Br. (3)
C. sitzlerianum Schwantes (3)
C. smithersii L.Bolus (3)
C. sororium N.E.Br. (3)
C. springbokense N.E.Br. (3)
C. strictum L.Bolus var. *inaequale* L.Bolus (3)
C. strictum L.Bolus var. *strictum* (3)
C. stylosum (N.E.Br.) Tischer (3)
C. subacutum L.Bolus (3)
C. subcylindricum L.Bolus (3)
C. subtenue L.Bolus (3)
C. supremum L.Bolus (3)
C. tectum N.E.Br. (3)
C. tumidum N.E.Br. (3)
C. tumidum N.E.Br. var. *asperulum* L.Bolus (3)
C. umdausense L.Bolus (3)
C. variabile L.Bolus (3)
C. vlakmydense L.Bolus (3)
Mesembryanthemum apiatum N.E.Br. (3)
Mesembryanthemum bilobum Marloth (3)
Mesembryanthemum elishae N.E.Br. (3)
Mesembryanthemum stylosum N.E.Br. (3)
 Perennial. Succulent. Ht up to 0.1 m. Alt 50–1200 m.
 NC
- bilobum** (Marloth) N.E.Br. subsp. **bilobum** var. **elishae** (N.E.Br.) S.A.Hammer
C. elishae (N.E.Br.) N.E.Br. (8)
 Perennial. Succulent. Ht up to 0.08 m. Alt 900–1200 m. NC
- bilobum** (Marloth) N.E.Br. subsp. **bilobum** var. **linearilucidum** (L.Bolus) S.A.Hammer
C. linearilucidum L.Bolus (8)
 Perennial. Succulent. Ht up to 0.06 m. Alt 840–1100 m. NC
- bilobum** (Marloth) N.E.Br. subsp. **bilobum** var. **muscosipapillatum** (Lavis) S.A.Hammer
C. muscosipapillatum Lavis (8)
 Perennial. Succulent. Ht up to 0.8 m. Alt 600–800 m.
 NC
- bilobum** (Marloth) N.E.Br. subsp. **claviferens** S.A.Hammer
 Perennial. Succulent. Ht up to 0.8 m. Alt 730–910 m.
 NC
- bilobum** (Marloth) N.E.Br. subsp. **gracilistylum** (L.Bolus) S.A.Hammer
C. gracilistylum (L.Bolus) N.E.Br. (3)
Mesembryanthemum gracilistylum L.Bolus (3)
 Perennial. Succulent. Ht up to 0.06 m. Alt 320–750 m.
 WC
- blandum** L.Bolus
 Perennial. Succulent. Ht up to 0.04 m. Alt 940–1140 m. NC
- bolusiae** Schwantes subsp. **bolusiae**
C. intrepidum L.Bolus (3)
 Perennial. Succulent. Ht up to 0.15 m. Alt 500–750 m.
 NC
- bolusiae** Schwantes subsp. **primavernum** S.A.Hammer
 Perennial. Succulent. Ht up to 0.08 m. Alt 350–580 m.
 NC
- boreale** L.Bolus = **C. lithopsoides** subsp. **boreale**
- braunsii** Tischer = **C. minutum** var. **minutum**
- breve** N.E.Br.
C. breve N.E.Br. var. *minor* L.Bolus (3)
C. doornense N.E.Br., confused name (6)
- C. membranaceum* L.Bolus (3)
C. paucipunctum Tischer (3)
C. pumilum N.E.Br. (3)
C. pygmaeum Schick & Tischer (3)
C. subtile N.E.Br. (3)
 Perennial. Succulent. Ht up to 0.1 m. Alt 820–1200 m.
 NC
- breve** N.E.Br. var. **minor** L.Bolus = **C. breve**
- breve** N.E.Br. var. **minutiflorum** (Schwantes) Rawe = **C. pageae**
- breve** N.E.Br. var. **vanzyliaii** (Lavis) Rawe, invalid combination = **C. calculus** subsp. **vanzyliaii**
- brevilineatum** Tischer = **C. minimum**
- brevipes** L.Bolus = **C. wettsteinii**
- brevipetalum** Lavis = **C. piluliforme** subsp. **piluliforme**
- brevisectum** L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
- brevitubum** Lavis = **C. truncatum** subsp. **truncatum** var. **truncatum**
- brownii** Tischer = **C. ectypum** subsp. **brownii**
- brunneum** S.A.Hammer
 Perennial. Succulent. Ht up to 0.04 m. Alt 450–590 m.
 WC
- bruynsii** S.A.Hammer
 Perennial. Succulent. Ht up to 0.02 m. Alt 450–590 m.
 WC
- burgeri** L.Bolus
 Perennial. Succulent. Ht up to 0.03 m. Alt 1050–1100 m. NC
- buysianum** A.R.Mitch. & S.A.Hammer = **C. reconditum** subsp. **buysianum**
- calculus** (A.Berger) N.E.Br. subsp. **calculus**
C. calculus (A.Berger) N.E.Br. var. *komkansicum* (L.Bolus) Rawe (3)
C. komkansicum L.Bolus (3)
Mesembryanthemum calculus A.Berger (3)
 Perennial. Succulent. Ht up to 0.08 m with age. Alt 180–350 m. NC, WC
- calculus** (A.Berger) N.E.Br. subsp. **vanzyliaii** (Lavis) S.A.Hammer
C. breve N.E.Br. var. *vanzyliaii* (Lavis) Rawe, invalid combination (3)
C. namiesicum L.Bolus (3)
C. vanzyliaii Lavis (3)
 Perennial. Succulent. Ht up to 0.04 m. Alt 1080–1150 m. NC, WC
- calculus** (A.Berger) N.E.Br. var. *komkansicum* (L.Bolus) Rawe = **C. calculus** subsp. **calculus**
- calculus** (A.Berger) N.E.Br. var. *protusum* L.Bolus = **C. pageae**
- calitzdorpense** L.Bolus = **C. truncatum** subsp. **truncatum** var. **truncatum**
- calitzdorpense** Tischer = **C. truncatum** subsp. **truncatum** var. **truncatum**
- candidum** L.Bolus = **C. meyeri**
- caroli** Lavis
C. singulare G.D.Rowley (3)
Ophthalmophyllum australe L.Bolus (3)
Ophthalmophyllum caroli (Lavis) Tischer (3)
 Perennial. Succulent. Ht up to 0.02 m. Alt 940–1050 m. NC
- carpianum** L.Bolus

- Perennial. Succulent. Ht up to 0.04 m. Alt 900–1160 m. NC
- catervum* (N.E.Br.) N.E.Br. = **C. truncatum** subsp. **viridicatum**
- cauliferum* N.E.Br. var. *cauliferum* = **C. bilobum** subsp. **bilobum** var. **bilobum**
- cauliferum* N.E.Br. var. *lekkersingense* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
- ceresianum* L.Bolus = **C. obcordellum** subsp. **obcordellum** var. **ceresianum**
- ceresianum* L.Bolus var. *divergens* (L.Bolus) Rawe = **C. obcordellum** subsp. **obcordellum** var. **ceresianum**
- chauviniae** (Schwantes) S.A.Hammer
Mesembryanthemum augeiforme Schwantes (3)
Mesembryanthemum chauviniae Schwantes (3)
Perennial. Succulent. Ht up to 0.06 m. Alt 410–800 m. WC
- chloratum* Tischer = **C. ectypum** subsp. **ectypum**
- chrisocruxum** S.A.Hammer
Perennial. Succulent. Ht up to 0.02 m. Alt ± 900 m. NC
- chrisolum** S.A.Hammer
Perennial. Succulent. Ht up to 0.01 m. Alt ± 750 m. NC
- christiansenianum* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
- cibdelum* N.E.Br. = **C. truncatum** subsp. **truncatum** var. **truncatum**
- circumpunctatum* Schick & Tischer = **C. wettsteinii**
- citrinum* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
- clarum* N.E.Br. = **C. uviforme** subsp. **uviforme**
- clavatum* L.Bolus = **C. obscurum** subsp. **obscurum**
- colorans* Lavis = **C. uviforme** subsp. **uviforme**
- complanatum* L.Bolus = **C. truncatum** subsp. **viridicatum**
- compressum* N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**
- comptonii** N.E.Br.
Perennial. Succulent. Ht up to 0.01 m. Alt 850–1010 m. WC
- concavum** L.Bolus
Perennial. Succulent. Ht up to 0.01 m. Alt 300–650 m. NC
- concinnum* Schwantes = **C. flavum** subsp. **flavum**
- concordans** G.D.Rowley
Ophthalmophyllum villetii L.Bolus (6)
Perennial. Succulent. Ht up to 0.02 m. Alt 900–1300 m. NC
- connatum* L.Bolus = **C. bilobum** subsp. **altum**
- conradii* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
- convexum* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
- corculum* Schwantes = **C. meyeri**
- cordatum* Schick & Tischer var. *cordatum* = **C. bilobum** subsp. **bilobum** var. **bilobum**
- cordatum* Schick & Tischer var. *macrostigma* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
- coriaceum* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
- corniferum* Schick & Tischer = **C. bilobum** subsp. **altum**
- crassum* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
- craterulum* Tischer = **C. velutinum** subsp. **velutinum**
- cubicum** Pavelka
Perennial. Succulent. Ht up to 0.01 m. Alt up to 930 m. NC
- cuneatum* Tischer = **C. halenbergense**
- cupreatum* Tischer = **C. pellucidum** subsp. **cupreatum**
- cupreiflorum** Tischer (insufficiently known)
Perennial. Succulent. Ht? Alt? NC
- curtum* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
- cylindratum* Schwantes = **C. roodiae** subsp. **cylindratum**
- cylindratum* Schwantes var. *primosii* (Lavis) Rawe = **C. roodiae** subsp. **cylindratum**
- danielii* Pavelka = **C. jarmilae**
- declinatum* L.Bolus = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**
- decoratum* N.E.Br. = **C. uviforme** subsp. **decoratum**
- dennisii* N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**
- densipunctum* L.Bolus = **C. quaesitum** subsp. **densipunctum**
- depressum** Lavis subsp. **depressum**
Perennial. Succulent. Ht up to 0.01 m. Alt 500–1450 m. NC
- depressum** Lavis subsp. **perdurans** S.A.Hammer
Perennial. Succulent. Ht up to 0.04 m. Alt 950–1075 m. NC
- devium** G.D.Rowley subsp. **devium**
Ophthalmophyllum littlewoodii L.Bolus (3)
Perennial. Succulent. Ht up to 0.02 m. Alt 650–1150 m. NC
- devium** G.D.Rowley subsp. **stiriiferum** S.A.Hammer & Barnhill
Perennial. Succulent. Ht up to 0.02 m. Alt up to 1200 m. NC
- difforme* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
- dilatatum* Tischer = **C. bilobum** subsp. **bilobum** var. **bilobum**
- discrepans* G.D.Rowley forma *discrepans* = **C. maughanii** subsp. **latum**
- discrepans* G.D.Rowley forma *rubrum* (Tischer) G.D.Rowley = **C. maughanii** subsp. **latum**
- dispar* N.E.Br. = **C. truncatum** subsp. **viridicatum**
- dissimile* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
- distans* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

- divaricatum* N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**
- divergens* L.Bolus = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**
- diversum* N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**
- dolomiticum* Tischer = **C. bilobum** subsp. **bilobum** var. **bilobum**
- doornense* N.E.Br., confused name = **C. breve**
- ecarinatum* L.Bolus var. *angustum* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
- ecarinatum* L.Bolus var. *candidum* (L.Bolus) Rawe = **C. meyeri**
- ecarinatum* L.Bolus var. *ecarinatum* = **C. bilobum** subsp. **bilobum** var. **bilobum**
- ecarinatum* L.Bolus var. *mutabile* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
- ectypum** N.E.Br. subsp. **brownii** (Tischer) S.A.Hammer
C. ectypum N.E.Br. subsp. *ectypum* var. *brownii* (Tischer) Tischer (8)
C. brownii Tischer (8)
 Perennial. Succulent. Ht up to 0.03 m. Alt 950–1000 m. NC
- ectypum** N.E.Br. subsp. **cruciatum** S.A.Hammer
 Perennial. Succulent. Ht up to 0.012 m. Alt 650–850 m. NC
- ectypum** N.E.Br. subsp. **ectypum**
C. chloratum Tischer (3)
C. ectypum N.E.Br. var. *limbatum* (N.E.Br.) Tischer (3)
C. ectypum N.E.Br. var. *tischleri* (Schwantes) Tischer (3)
C. limbatum N.E.Br. (3)
C. tischleri Schwantes (3)
C. virens L.Bolus (6)
 Perennial. Succulent. Ht up to 0.025 m. Alt 650–950 m. NC
- ectypum* N.E.Br. subsp. *ectypum* var. *brownii* (Tischer) Tischer = **C. ectypum** subsp. **brownii**
- ectypum** N.E.Br. subsp. **ignavum** S.A.Hammer
 Perennial. Succulent. Ht up to 0.03 m. Alt 950–1100 m. NC
- ectypum** N.E.Br. subsp. **sulcatum** (L.Bolus) S.A.Hammer
C. sulcatum L.Bolus (3)
 Perennial. Succulent. Ht up to 0.02 m. Alt 760–1080 m. NC
- ectypum* N.E.Br. var. *limbatum* (N.E.Br.) Tischer = **C. ectypum** subsp. **ectypum**
- ectypum* N.E.Br. var. *tischleri* (Schwantes) Tischer = **C. ectypum** subsp. **ectypum**
- edithiae* N.E.Br. = **C. subfenestratum**
- edwardii* Schwantes = **C. piluliforme** subsp. **edwardii**
- edwardsiae* Lavis = **C. luckhoffii**
- edwardsiae* Lavis var. *albiflorum* Rawe = **C. albiflorum**
- eenkokerense* L.Bolus = **C. tantillum** subsp. **eenkokerense**
- elegans* N.E.Br. = **C. pellucidum** subsp. **pellucidum**
- elishae* (N.E.Br.) N.E.Br. = **C. bilobum** subsp. **bilobum** var. **elishae**
- ellipticum* Tischer = **C. flavum** subsp. **novicium**
- elongatum* Schick & Tischer = **C. hians**
- ernianum* Loesch & Tischer = **C. taylorianum** subsp. **ernianum**
- ernstii** S.A.Hammer subsp. **cerebellum** S.A.Hammer
 Perennial. Succulent. Ht up to 0.02 m. Alt 600–920 m. N
- ernstii** S.A.Hammer subsp. **ernstii**
 Perennial. Succulent. Ht up to 0.02 m. Alt 200–1200 m. NC
- etaylorii* Schwantes = **C. piluliforme** subsp. **piluliforme**
- excisum* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
- exiguum* N.E.Br. = **C. saxetanum**
- exsertum* N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**
- extractum* Tischer = **C. meyeri**
- fenestratum* Schwantes = **C. pellucidum** subsp. **pellucidum**
- fibuliforme** (Haw.) N.E.Br. (insufficiently known)
Mesembryanthemum fibuliforme Haw. (3)
 Perennial. Succulent. Ht? Alt? ‘SA’
- ficiforme** (Haw.) N.E.Br.
C. altile (N.E.Br.) N.E.Br. (3)
C. assimile (N.E.Br.) N.E.Br. (3)
C. ficiforme (Haw.) N.E.Br. var. *placitum* (N.E.Br.) Rawe (3)
C. fossulatum Tischer (3)
C. odoratum (N.E.Br.) N.E.Br. (3)
C. pallidum (N.E.Br.) N.E.Br. (3)
C. placitum (N.E.Br.) N.E.Br. var. *placitum* (3)
C. placitum (N.E.Br.) N.E.Br. var. *pubescens* Littlew. (3)
Mesembryanthemum altile N.E.Br. (3)
Mesembryanthemum assimile N.E.Br. (3)
Mesembryanthemum ficiforme Haw. (3)
Mesembryanthemum jugiferum N.E.Br. (3)
Mesembryanthemum odoratum N.E.Br. (3)
Mesembryanthemum pallidum N.E.Br. (3)
Mesembryanthemum placitum N.E.Br. (3)
 Perennial. Succulent. Ht up to 0.05 m. Alt 300–550 m. WC
- ficiforme* (Haw.) N.E.Br. var. *placitum* (N.E.Br.) Rawe = **C. ficiforme**
- flavum** N.E.Br. subsp. **flavum**
C. concinnum Schwantes (3)
C. flavum N.E.Br. var. *luteum* (N.E.Br.) Boom (3)
C. luteum N.E.Br. (3)
C. ornatum Lavis (3)
C. percrassum Schick & Tischer (3)
C. tetracarpum Lavis (3)
C. tinctum Lavis (3)
 Perennial. Succulent. Ht up to 0.04 m. Alt 850–1100 m. NC
- flavum** N.E.Br. subsp. **novicium** (N.E.Br.) S.A.Hammer
C. ellipticum Tischer (3)
C. luteolum L.Bolus var. *luteolum* (3)
C. luteolum L.Bolus var. *macrostigma* L.Bolus (3)
C. novicium N.E.Br. (3)
C. rubristylosum Tischer (3)
 Perennial. Succulent. Ht up to 0.04 m. Alt 800–1150 m. NC
- flavum* N.E.Br. var. *luteum* (N.E.Br.) Boom = **C. flavum** subsp. **flavum**
- forresteri* L.Bolus = **C. pageae**
- fossulatum* Tischer = **C. ficiforme**

- fragile* Tischer = **C. jucundum** subsp. **fragile**
framesii Lavis = **C. uviforme** subsp. **uviforme**
francisci L.Bolus = **C. uviforme** subsp. **uviforme**
francoiseae (S.A.Hammer) S.A.Hammer
C. wettsteinii (A.Berger) N.E.Br. subsp. *francoiseae* S.A.Hammer (8)
 Perennial. Succulent. Ht up to 0.04 m. Alt 360–850 m.
 NC
- fraternum** (N.E.Br.) N.E.Br.
C. kubusanum N.E.Br. (3)
C. praecox N.E.Br. (3)
Mesembryanthemum fraternum N.E.Br. (3)
 Perennial. Succulent. Ht up to 0.05 m. Alt 800–1200 m. NC
- fraternum* (N.E.Br.) N.E.Br. var. *leptanthum* (L.Bolus)
 L.Bolus = **C. jucundum** subsp. **marlothii**
- friedrichiae** (Dinter) Schwantes
C. renominatum G.D.Rowley (3)
C. schwantesii G.D.Rowley (3)
Mesembryanthemum friedrichiae Dinter (6)
Ophthalmophyllum dinteri Schwantes ex H.Jacobsen (6)
Ophthalmophyllum friedrichiae (Dinter) Dinter & Schwantes (6)
Ophthalmophyllum triebneri Schwantes (3)
Ophthalmophyllum vanheerdei L.Bolus (3)
 Perennial. Succulent. Ht up to 0.01 m. Alt 900–1100 m. N, NC
- frutescens** Schwantes
C. notabile N.E.Br. (3)
C. salmonicolor L.Bolus (3)
C. teguliflorum Tischer (3)
 Perennial. Succulent. Ht up to 0.25 m. Alt 300–540 m.
 NC
- fulleri** L.Bolus
C. wiesemannianum Schwantes (3)
 Perennial. Succulent. Ht up to 0.02 m. Alt 980–1150 m. NC
- geometricum* Lavis = **C. violaciflorum**
germanum N.E.Br. = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**
geyeri L.Bolus = **C. jucundum** subsp. **jucundum**
giftbergense Tischer = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**
glabrum Tischer = **C. minutum** var. **minutum**
globosum (N.E.Br.) N.E.Br.
C. globosum (N.E.Br.) N.E.Br. var. *vanbredae* (L.Bolus) Rawe (3)
C. obovatum Lavis var. *obovatum* (3)
C. obovatum Lavis var. *obtusum* L.Bolus (3)
C. vanbredae L.Bolus (3)
Mesembryanthemum globosum N.E.Br. (6)
 Perennial. Succulent. Ht up to 0.1 m. Alt 300–580 m.
 NC
- globosum* (N.E.Br.) N.E.Br. var. *vanbredae* (L.Bolus)
 Rawe = **C. globosum**
globuliforme Schick & Tischer = **C. meyeri**
gonapense L.Bolus var. *gonapense* = **C. bilobum** subsp. **bilobum** var. **bilobum**
gonapense L.Bolus var. *numeesicum* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
gracile N.E.Br. var. *gracile* = **C. bilobum** subsp. **altum**
gracile N.E.Br. var. *majusculum* L.Bolus = **C. bilobum** subsp. **altum**
graciliramosum L.Bolus = **C. bilobum** subsp. **altum**
gracilistylum (L.Bolus) N.E.Br. = **C. bilobum** subsp. **gracilistylum**
- graessneri* Tischer = **C. saxetanum**
grandiflorum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
gratum (N.E.Br.) N.E.Br. subsp. *gratum* = **C. jucundum** subsp. **jucundum**
gratum (N.E.Br.) N.E.Br. subsp. *marlothii* (N.E.Br.) S.A.Hammer = **C. jucundum** subsp. **marlothii**
- halenbergense** (Dinter & Schwantes) N.E.Br.
C. cuneatum Tischer (3)
Mesembryanthemum halenbergense Dinter & Schwantes (3)
 Perennial. Succulent. Ht up to 0.08 m. Alt 530–670 m.
 N
- hallii* L.Bolus = **C. roodiiae** subsp. **roodiiae**
- hammeri** G.Will. & H.C.Kennedy
 Perennial. Succulent. Ht up to 0.02 m. Alt 310–650 m.
 NC
- hanae* Pavelka = **C. tomasi**
- haramoepense* L.Bolus, as ‘*karamoepense*’ = **C. marginatum** subsp. **haramoepense**
- heleniae* Rawe = **C. tantillum** subsp. **heleniae**
- helmutii* Lavis = **C. stephanii** subsp. **helmutii**
- hermarium** (S.A.Hammer) S.A.Hammer
C. smorenskaduense de Boer subsp. *hermarium* S.A.Hammer (8)
 Perennial. Succulent. Ht up to 0.04 m. Alt 1000–1190 m. NC
- herreanthus** S.A.Hammer subsp. **herreanthus**
Herreanthus meyeri Schwantes (3)
 Perennial. Succulent. Ht up to 0.1 m. Alt ± 780 m. NC
- herreanthus** S.A.Hammer subsp. **rex** S.A.Hammer
 Perennial. Succulent. Ht up to 0.1 m. Alt 790–980 m.
 NC
- herrei* Schwantes = **C. minusculum** subsp. **minusculum**
- hians** N.E.Br.
C. elongatum Schick & Tischer (3)
C. hians N.E.Br. var. *acuminatum* L.Bolus (3)
C. hirtum Schwantes (3)
C. miserum N.E.Br. (3)
C. parvimarimum L.Bolus (3)
 Perennial. Succulent. Ht up to 0.06 m. Alt 130–1000 m. NC
- hians* N.E.Br. var. *acuminatum* L.Bolus = **C. hians**
- hillii* L.Bolus = **C. uviforme** subsp. **uviforme**
- hirtum* Schwantes = **C. hians**
- hirtum* Schwantes var. *baradii* Rawe = **C. klinghardtense** subsp. **baradii**
- impressum* Tischer = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**
- inclusum* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
- incurvum* N.E.Br. var. *incurvum* = **C. bilobum** subsp. **bilobum** var. **bilobum**
- incurvum* N.E.Br. var. *leucanthum* (Lavis) Tischer = **C. bilobum** subsp. **bilobum** var. **bilobum**
- indefinitum* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
- indutum* L.Bolus = **C. obscurum** subsp. **obscurum**
- inornatum** N.E.Br. (insufficiently known)

- Perennial. Succulent. Ht? Alt? 'SA'
insigne L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
intermedium L.Bolus = **C. loeschianum**
intrepidum L.Bolus = **C. bolusiae** subsp. **bolusiae**
irmae S.A.Hammer & Barnhill
 Perennial. Succulent. Ht up to 0.03 m. Alt ± 750 m. NC
jacobsenianum Tischer = **C. jucundum** subsp. **jucundum**
jarmilae Halda
C. danielii Pavelka (6)
 Perennial. Succulent. Ht up to 0.03 m. Alt 1000–1150 m. NC
johannis-winkleri (Dinter & Schwantes) N.E.Br. = **C. pageae**
joubertii Lavis
C. viride Tischer (3)
 Perennial. Succulent. Ht up to 0.03 m. Alt 390–580 m. WC
jucundum (N.E.Br.) N.E.Br. subsp. **fragile** (Tischer) S.A.Hammer
C. avenantii L.Bolus (8)
C. fragile Tischer (8)
C. middlemostii L.Bolus (8)
C. nordenstamii L.Bolus (8)
C. wettsteinii (A.Berger) N.E.Br. subsp. **fragile** (Tischer) S.A.Hammer (8)
 Perennial. Succulent. Ht up to 0.04 m. Alt 700–930 m. NC
jucundum (N.E.Br.) N.E.Br. subsp. **jucundum**
C. admirabilii L.Bolus (3)
C. geyeri L.Bolus (3)
C. gratum (N.E.Br.) N.E.Br. subsp. **gratum** (6)
C. jacobsenianum Tischer (6)
C. longistylum N.E.Br. (3)
C. maximum Tischer (3)
C. orbicum N.E.Br. ex Tischer (3)
C. praegratum Tischer (3)
C. rarum N.E.Br. (3)
C. robustum Tischer (3)
Mesembryanthemum gratum N.E.Br. (6)
Mesembryanthemum jucundum N.E.Br. (3)
 Perennial. Succulent. Ht up to 0.06 m. Alt 700–1100 m. N, NC
jucundum (N.E.Br.) N.E.Br. subsp. **marlothii** (N.E.Br.) S.A.Hammer
C. fraternum (N.E.Br.) N.E.Br. var. **leptanthum** (L.Bolus) L.Bolus (3)
C. gratum (N.E.Br.) N.E.Br. subsp. **marlothii** (N.E.Br.) S.A.Hammer (6)
C. leptanthum L.Bolus (3)
C. marlothii N.E.Br. (3)
 Perennial. Succulent. Ht up to 0.03 m. Alt 700–850 m. NC
jucundum (N.E.Br.) N.E.Br. subsp. **ruschii** (Schwantes) S.A.Hammer
C. ruschii Schwantes var. **obtusipetalum** L.Bolus (8)
C. ruschii Schwantes var. **ruschii** (8)
C. speciosum Tischer (8)
C. wettsteinii (A.Berger) N.E.Br. subsp. **ruschii** (Schwantes) S.A.Hammer (8)
C. wettsteinii (A.Berger) N.E.Br. var. **oculatum** L.Bolus, semi-naked name (8)
C. wettsteinii (A.Berger) N.E.Br. var. **speciosum** (Tischer) Tischer (8)
 Perennial. Succulent. Ht up to 0.03 m. Alt 780–1200 m. NC
julii Schwantes ex H.Jacobsen = **C. uviforme** subsp. **uviforme**
kennedyi L.Bolus = **C. lithopsoides** subsp. **lithopsoides**
khamiesbergense (L.Bolus) Schwantes
Berrisfordia khamiesbergensis L.Bolus (3)
 Perennial. Succulent. Ht up to 0.02 m. Alt 1200–1500 m. NC
klaverense N.E.Br. = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**
klinghardtense Rawe subsp. **baradii** (Rawe) S.A.Hammer
C. hirtum Schwantes var. **baradii** Rawe (3)
 Perennial. Succulent. Ht up to 0.04 m. Alt 290–1000 m. N
klinghardtense Rawe subsp. **klinghardtense**
 Perennial. Succulent. Ht up to 0.03 m. Alt 700–1120 m. N
klipbokbergense L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
komkansicum L.Bolus = **C. calculus** subsp. **calculus**
koubergense L.Bolus = **C. lithopsoides** subsp. **koubergense**
koupense Tischer = **C. truncatum** subsp. **viridicatum**
kubusanum N.E.Br.
 Perennial. Succulent. Ht up to 0.05 m. Alt 300–800 m. NC
labiatum Tischer = **C. pageae**
labyrinthum (N.E.Br.) N.E.Br. = **C. minimum**
lacteam L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
laetum L.Bolus var. **extractum** (Tischer) Rawe = **C. meyeri**
laetum L.Bolus var. **laetum** = **C. meyeri**
lambertense Schick & Tischer var. **conspicuum** Rawe = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**
lambertense Schick & Tischer var. **lambertense** = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**
lambertense Schick & Tischer var. **rolfii** (de Boer) Rawe = **C. obcordellum** subsp. **rolfii**
largum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
latum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
lavisianum L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
lavranosii Rawe var. **cuneatum** Rawe = **C. taylorianum** subsp. **taylorianum**
lavranosii Rawe var. **lavranosii** = **C. taylorianum** subsp. **taylorianum**
laxipetalum N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**
leightoniae L.Bolus = **C. piluliforme** subsp. **piluliforme**
leipoldtii N.E.Br. = **C. minusculum** subsp. **leipoldtii**
lekkersingense L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
leopardinum L.Bolus = **C. meyeri**

- leptanthum* L.Bolus = **C. jucundum** subsp. **marlothii**
- leucanthum* Lavis = **C. bilobum** subsp. **bilobum** var. **bilobum**
- leucanthum* Lavis var. *multipetalum* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
- leviculum* (N.E.Br.) N.E.Br. = **C. minimum**
- lilianum* Littlew. = **C. pellucidum** subsp. **pellucidum** var. **lilianum**
- limbatum* N.E.Br. = **C. ectypum** subsp. **ectypum**
- limpidum** S.A.Hammer
Perennial. Succulent. Ht up to 0.02 m. Alt 900–1100 m. NC
- lindenianum* Lavis & S.A.Hammer = **C. tantillum** subsp. **lindenianum**
- linearilucidum* L.Bolus = **C. bilobum** subsp. **bilobum** var. **linearilucidum**
- literatum* N.E.Br., semi-naked name = **C. minimum**
- lithopsoides* L.Bolus subsp. *arthurolofago* S.A.Hammer = **C. arthurolofago**
- lithopsoides** L.Bolus subsp. **boreale** (L.Bolus) S.A.Hammer
C. boreale L.Bolus (3)
Perennial. Succulent. Ht up to 0.02 m. Alt 710–960 m. NC
- lithopsoides** L.Bolus subsp. **koubergense** (L.Bolus) S.A.Hammer
C. koubergense L.Bolus (3)
Perennial. Succulent. Ht up to 0.023 m. Alt 1000–1200 m. NC
- lithopsoides** L.Bolus subsp. **lithopsoides**
C. kennedyi L.Bolus (3)
Perennial. Succulent. Ht up to 0.02 m. Alt 870–1100 m. NC
- litorale* L.Bolus = **C. uviforme** subsp. **uviforme**
- littlewoodii* L.Bolus = **C. marginatum** subsp. **littlewoodii**
- loeschianum** Tischer
C. intermedium L.Bolus (3)
C. rubricarinatum Tischer (3)
C. saxetanum (N.E.Br.) N.E.Br. var. *loeschianum* (Tischer) Rawe (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 540–1200 m. N, NC
- longibracteatum** L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 300–780 m. NC
- longifissum* Tischer = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**
- longipetalum* L.Bolus = **C. pageae**
- longistylum* N.E.Br. = **C. jucundum** subsp. **jucundum**
- longitubum* L.Bolus = **C. truncatum** subsp. **viridicatum**
- longum** N.E.Br.
C. rawei G.D.Rowley (3)
Ophthalmophyllum fulleri Lavis (6)
Ophthalmophyllum longitubum L.Bolus (3)
Ophthalmophyllum longum (N.E.Br.) Tischer (6)
Ophthalmophyllum schlechteri Schwantes (6)
Perennial. Succulent. Ht up to 0.02 m. Alt 860–1150 m. NC
- lucipunctum* N.E.Br. = **C. subfenestratum**
- luckhoffii** Lavis
C. edwardsiae Lavis (3)
Perennial. Succulent. Ht up to 0.05 m. Alt 100–980 m. WC
- luiseae* Schwantes = **C. bilobum** subsp. **altum**
- luiseae* Schwantes var. *papillatum* L.Bolus, semi-naked name = **C. bilobum** subsp. **altum**
- luteolum* L.Bolus var. *luteolum* = **C. flavum** subsp. **novicium**
- luteolum* L.Bolus var. *macrostigma* L.Bolus = **C. flavum** subsp. **novicium**
- luteum* N.E.Br. = **C. flavum** subsp. **flavum**
- lydiae** (H.Jacobsen) G.D.Rowley
C. spathulatum (L.Bolus) G.D.Rowley (3)
Ophthalmophyllum lydiae H.Jacobsen (3)
Ophthalmophyllum spathulatum L.Bolus (3)
Perennial. Succulent. Ht up to 0.02 m. Alt 950–1140 m. NC
- marginatum** Lavis subsp. **haramoepense** (L.Bolus) S.A.Hammer
C. haramoepense L.Bolus, as ‘*karmoepense*’ (8)
C. marginatum Lavis var. *haramoepense* (L.Bolus) Rawe, as ‘*karmoepense*’ (8)
C. senarium L.Bolus (8)
C. triebneri Schwantes (8)
Ophthalmophyllum haramoepense L.Bolus (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 940–1200 m. NC
- marginatum** Lavis subsp. **littlewoodii** (L.Bolus) S.A.Hammer
C. littlewoodii L.Bolus (8)
C. marginatum Lavis var. *littlewoodii* (L.Bolus) Rawe (8)
Perennial. Succulent. Ht up to 0.03 m. Alt 750–1200 m. N, NC
- marginatum** Lavis subsp. **marginatum**
Perennial. Succulent. Ht up to 0.03 m. Alt 940–1200 m. NC
- marginatum* Lavis var. *eenkokerense* (L.Bolus) Rawe = **C. tantillum** subsp. **eenkokerense**
- marginatum* Lavis var. *haramoepense* (L.Bolus) Rawe = **C. marginatum** subsp. **haramoepense**
- marginatum* Lavis var. *littlewoodii* (L.Bolus) Rawe = **C. marginatum** subsp. **littlewoodii**
- markoetterae* Schwantes = **C. bilobum** subsp. **bilobum** var. **bilobum**
- marlothii* N.E.Br. = **C. jucundum** subsp. **marlothii**
- maughanii** N.E.Br. subsp. **armeniicum** S.A.Hammer
Perennial. Succulent. Ht up to 0.01 m. Alt 700–1000 m. NC
- maughanii** N.E.Br. subsp. **latum** (Tischer) S.A.Hammer
C. discrepans G.D.Rowley forma *discrepans* (3)
C. discrepans G.D.Rowley forma *rubrum* (Tischer) G.D.Rowley (3)
C. noctiflorum (L.Bolus) G.D.Rowley (3)
Ophthalmophyllum latum Tischer forma *latum* (3)
Ophthalmophyllum latum Tischer forma *rubrum* (Tischer) G.D.Rowley (3)
Ophthalmophyllum noctiflorum L.Bolus (3)
Perennial. Succulent. Ht up to 0.01 m. Alt 740–1200 m. NC
- maughanii** N.E.Br. subsp. **maughanii**
C. rufescens N.E.Br. (3)
Ophthalmophyllum maughanii (N.E.Br.) Schwantes (3)

- Ophthalmophyllum rufescens* (N.E.Br.) Tischer (6)
Ophthalmophyllum schuldii Schwantes (6)
 Perennial. Succulent. Ht up to 0.01 m. Alt 950–1200 m. NC
- maximum* Tischer = **C. jucundum** subsp. **jucundum**
meleagris L.Bolus = **C. uviforme** subsp. **uviforme**
membranaceum L.Bolus = **C. breve**
meridianum L.Bolus var. *meridianum* = **C. pellucidum** subsp. **cupreatum**
meridianum L.Bolus var. *pulverulentum* L.Bolus = **C. pellucidum** subsp. **cupreatum**
meyerae Schwantes forma *alatum* Tischer = **C. bilobum** subsp. **bilobum** var. **bilobum**
meyerae Schwantes forma *apiculatum* (N.E.Br.) Tischer, invalid combination = **C. bilobum** subsp. **bilobum** var. **bilobum**
meyerae Schwantes forma *asperulum* (L.Bolus) H.Jacobsen = **C. bilobum** subsp. **bilobum** var. **bilobum**
meyerae Schwantes forma *meyerae* = **C. bilobum** subsp. **bilobum** var. **bilobum**
meyerae Schwantes forma *pole-evansii* (N.E.Br.) Tischer, invalid combination = **C. bilobum** subsp. **bilobum** var. **bilobum**
- meyeri** N.E.Br.
C. candidum L.Bolus (3)
C. corculum Schwantes (3)
C. ecarinatum L.Bolus var. *candidum* (L.Bolus) Rawe (3)
C. extractum Tischer (3)
C. globuliforme Schick & Tischer (3)
C. laetum L.Bolus var. *extractum* (Tischer) Rawe (3)
C. laetum L.Bolus var. *laetum* (3)
C. leopardinum L.Bolus (3)
C. meyeri N.E.Br. var. *globuliforme* (Schick & Tischer) Rawe (3)
C. meyeri N.E.Br. var. *meyeri* forma *semilunulum* (Tischer) Rawe (3)
C. meyeri N.E.Br. var. *quinarium* L.Bolus (3)
C. meyeri N.E.Br. var. *ramosum* (Lavis) Rawe (3)
C. microstoma L.Bolus (3)
C. nanum Tischer (3)
C. niveum L.Bolus (3)
C. ovigerum Schwantes (3)
C. papillatum L.Bolus (6)
C. puberulum Lavis (3)
C. ramosum Lavis (3)
C. retusum N.E.Br. (3)
C. semilunulum Tischer (3)
 Perennial. Succulent. Ht up to 0.04 m. Alt 130–980 m. NC
- meyeri* N.E.Br. var. *globuliforme* (Schick & Tischer) Rawe = **C. meyeri**
meyeri N.E.Br. var. *meyeri* forma *semilunulum* (Tischer) Rawe = **C. meyeri**
meyeri N.E.Br. var. *quinarium* L.Bolus = **C. meyeri**
meyeri N.E.Br. var. *ramosum* (Lavis) Rawe = **C. meyeri**
microstoma L.Bolus = **C. meyeri**
middlemostii L.Bolus = **C. jucundum** subsp. **fragile**
- minimum** (Haw.) N.E.Br.
C. albifissum Tischer (3)
C. batesii N.E.Br. (3)
C. brevilineatum Tischer (3)
C. labyrinthum (N.E.Br.) N.E.Br. (3)
C. leviculum (N.E.Br.) N.E.Br. (3)
C. literatum N.E.Br., semi-naked name (3)
C. notatum N.E.Br. (3)
C. obmetale (N.E.Br.) N.E.Br. (3)
C. paucillum (N.E.Br.) N.E.Br. (3)
- C. perpupillum* (Haw.) N.E.Br. (3)
C. petraeum N.E.Br. (3)
C. pictum (N.E.Br.) N.E.Br. (3)
C. polulum N.E.Br. (3)
C. praecinctum N.E.Br. (3)
C. pusillum (N.E.Br.) N.E.Br. (3)
C. radiatum Tischer (3)
C. scitulum (N.E.Br.) N.E.Br. (3)
C. signatum (N.E.Br.) N.E.Br. (3)
C. vagum N.E.Br. (3)
C. wittebergense de Boer (3)
Mesembryanthemum labyrinthum N.E.Br. (3)
Mesembryanthemum leviculum N.E.Br. (3)
Mesembryanthemum minimum Haw. (6)
Mesembryanthemum obmetale N.E.Br. (3)
Mesembryanthemum paucillum N.E.Br. (3)
Mesembryanthemum perpupillum Haw. (3)
Mesembryanthemum pictum N.E.Br. (3)
Mesembryanthemum pusillum N.E.Br. (3)
Mesembryanthemum scitulum N.E.Br. (3)
Mesembryanthemum signatum N.E.Br. (3)
 Perennial. Succulent. Ht up to 0.03 m. Alt 800–1100 m. WC
- minusculum** (N.E.Br.) N.E.Br. subsp. **aestiflorens**
 S.A.Hammer & T.C.Smale
 Perennial. Succulent. Ht up to 0.02 m. Alt 1400–2050 m. WC
- minusculum** (N.E.Br.) N.E.Br. subsp. **leipoldtii** (N.E.Br.)
 S.A.Hammer
C. leipoldtii N.E.Br. (3)
 Perennial. Succulent. Ht up to 0.02 m. Alt 980–1300 m. WC
- minusculum** (N.E.Br.) N.E.Br. subsp. **minusculum**
C. herrei Schwantes (3)
C. minusculum (N.E.Br.) N.E.Br. var. *paucilineatum* Rawe (3)
C. minusculum (N.E.Br.) N.E.Br. var. *reticulatum* (L.Bolus) Rawe ex G.D.Rowley forma *reticulatum* (3)
C. minusculum (N.E.Br.) N.E.Br. var. *reticulatum* (L.Bolus) Rawe ex G.D.Rowley forma *roseum* (G.D.Rowley) G.D.Rowley (3)
C. minusculum (N.E.Br.) N.E.Br. var. *roseum* (G.D.Rowley) Tischer (3)
C. reticulatum L.Bolus (3)
C. reticulatum L.Bolus forma *roseum* G.D.Rowley (3)
Mesembryanthemum minusculum N.E.Br. (3)
 Perennial. Succulent. Ht up to 0.02 m. Alt 800–1400 m. WC
- minusculum* (N.E.Br.) N.E.Br. var. *paucilineatum* Rawe = **C. minusculum** subsp. **minusculum**
minusculum (N.E.Br.) N.E.Br. var. *reticulatum* (L.Bolus) Rawe ex G.D.Rowley forma *reticulatum* = **C. minusculum** subsp. **minusculum**
minusculum (N.E.Br.) N.E.Br. var. *reticulatum* (L.Bolus) Rawe ex G.D.Rowley forma *roseum* (G.D.Rowley) G.D.Rowley = **C. minusculum** subsp. **minusculum**
minusculum (N.E.Br.) N.E.Br. var. *roseum* (G.D.Rowley) Tischer = **C. minusculum** subsp. **minusculum**
- minutiflorum* (Schwantes) N.E.Br. = **C. pageae**
minutum (Haw.) N.E.Br. forma *sellatum* (Tischer) Rawe = **C. minutum** var. **minutum**
- minutum** (Haw.) N.E.Br. var. **minutum**
C. braunsii Tischer (6)
C. glabrum Tischer (6)
C. minutum (Haw.) N.E.Br. forma *sellatum* (Tischer) Rawe (3)
C. minutum (Haw.) N.E.Br. var. *laxum* Lavis (3)
C. minutum (Haw.) N.E.Br. var. *sellatum* (Tischer) Boom (3)
C. sellatum Tischer (3)
C. tubatum Tischer (6)
Mesembryanthemum minutum Haw. (3)

Perennial. Succulent. Ht up to 0.03 m. Alt 30–580 m.
NC, WC

minutum (Haw.) N.E.Br. var. *laxum* Lavis = **C. minutum** var. **minutum**

minutum (Haw.) N.E.Br. var. **nudum** (Tischer) Boom
C. nudum Tischer (8)
Perennial. Succulent. Ht up to 0.05 m. Alt 120–350 m.
WC

minutum (Haw.) N.E.Br. var. **pearsonii** (N.E.Br.) Boom
C. pearsonii N.E.Br. var. *latisectum* L.Bolus (8)
C. pearsonii N.E.Br. var. *minor* N.E.Br. (8)
C. pearsonii N.E.Br. var. *pearsonii* (8)
Perennial. Succulent. Ht up to 0.03 m. Alt 120–580 m.
NC, WC

minutum (Haw.) N.E.Br. var. *sellatum* (Tischer) Boom =
C. minutum var. **minutum**

mirabile A.R.Mitch. & S.A.Hammer
Perennial. Succulent. Ht up to 0.03 m. Alt 1100–1340 m. NC

misellum N.E.Br. = **C. saxetanum**

miserum N.E.Br. = **C. hians**

modestum L.Bolus = **C. quaesitum** subsp. **quaesitum**
var. **quaesitum**

morganii Lavis = **C. truncatum** subsp. **truncatum** var.
truncatum

muirii N.E.Br. = **C. truncatum** subsp. **viridicatum**

multicolor Tischer = **C. obcordellum** subsp. **obcordellum**
var. **obcordellum**

multipunctatum Tischer = **C. truncatum** subsp. **truncatum**
var. **truncatum**

mundum N.E.Br. = **C. obcordellum** subsp. **obcordellum**
var. **obcordellum**

muscosipapillatum Lavis = **C. bilobum** subsp. **bilobum**
var. **muscosipapillatum**

namibense N.E.Br. = **C. saxetanum**

namiesicum L.Bolus = **C. calculus** subsp. **vanzylia**

nanum Tischer = **C. meyeri**

nelianum Schwantes = **C. bilobum** subsp. **bilobum** var.
bilobum

nevillei (N.E.Br.) N.E.Br. = **C. obcordellum** subsp.
obcordellum var. **obcordellum**

niveum L.Bolus = **C. meyeri**

noctiflorum (L.Bolus) G.D.Rowley = **C. maughanii**
subsp. **latum**

noisabisense L.Bolus = **C. bilobum** subsp. **bilobum**
var. **bilobum**

nordenstamii L.Bolus = **C. jucundum** subsp. **fragile**

notabile N.E.Br. = **C. frutescens**

notatum N.E.Br. = **C. minimum**

novellum N.E.Br. = **C. truncatum** subsp. **viridicatum**

novicium N.E.Br. = **C. flavum** subsp. **novicium**

nudum Tischer = **C. minutum** var. **nudum**

nutaboiense Tischer = **C. bilobum** subsp. **bilobum** var.
bilobum

obconellum (Haw.) Schwantes = **C. obcordellum** subsp.
obcordellum var. **obcordellum**

obcordellum (Haw.) N.E.Br. subsp. **obcordellum** var.
ceresianum (L.Bolus) S.A.Hammer
C. ceresianum L.Bolus (6)
C. ceresianum L.Bolus var. *divergens* (L.Bolus) Rawe (6)
Perennial. Succulent. Ht up to 0.05 m. Alt 650–900 m.
WC

obcordellum (Haw.) N.E.Br. subsp. **obcordellum** var.
obcordellum
C. declinatum L.Bolus (3)
C. divergens L.Bolus (6)
C. germanum N.E.Br. (3)
C. giftbergense Tischer (6)
C. impressum Tischer (3)
C. klaverense N.E.Br. (3)
C. lambertense Schick & Tischer var. *conspicuum* Rawe (3)
C. lambertense Schick & Tischer var. *lambertense* (3)
C. longifissum Tischer (6)
C. multicolor Tischer (3)
C. mundum N.E.Br. (3)
C. nevillei (N.E.Br.) N.E.Br. (3)
C. obconellum (Haw.) Schwantes (3)
C. obcordellum (Haw.) N.E.Br. var. *germanum* (N.E.Br.) Rawe (3)
C. obcordellum (Haw.) N.E.Br. var. *mundum* (N.E.Br.) Rawe forma
mundum (3)
C. obcordellum (Haw.) N.E.Br. var. *mundum* (N.E.Br.) Rawe forma
picturatum (N.E.Br.) Rawe (3)
C. obcordellum (Haw.) N.E.Br. var. *mundum* (N.E.Br.) Rawe forma
stayneri (L.Bolus) Rawe (6)
C. obcordellum (Haw.) N.E.Br. var. *mundum* (N.E.Br.) Rawe forma
ursprungianum (Tischer) Rawe (3)
C. obcordellum (Haw.) N.E.Br. var. *obcordellum* forma *declinatum*
(L.Bolus) Tischer (3)
C. obcordellum (Haw.) N.E.Br. var. *obcordellum* forma *multicolor*
(Tischer) Tischer (3)
C. obcordellum (Haw.) N.E.Br. var. *obcordellum* forma *picturatum*
(N.E.Br.) Tischer (3)
C. obcordellum (Haw.) N.E.Br. var. *parvipetalum* (N.E.Br.) Tischer (3)
C. parviflorum N.E.Br. (3)
C. parviflorum N.E.Br. var. *impressum* (Tischer) Tischer (6)
C. parvipetalum (N.E.Br.) N.E.Br. (3)
C. picturatum N.E.Br. (3)
C. spectabile Lavis (3)
C. ursprungianum Tischer var. *stayneri* L.Bolus (6)
C. ursprungianum Tischer var. *ursprungianum* (3)
Mesembryanthemum nevillei N.E.Br. (3)
Mesembryanthemum obconellum Haw. (3)
Mesembryanthemum obcordellum Haw. (3)
Mesembryanthemum parvipetalum N.E.Br. (3)
Perennial. Succulent. Ht up to 0.04 m. Alt 600–1650 m.
m. NC, WC

obcordellum (Haw.) N.E.Br. subsp. **rolfii** (de Boer)
S.A.Hammer
C. lambertense Schick & Tischer var. *rolfii* (de Boer) Rawe (3)
C. rolfii de Boer (3)
Perennial. Succulent. Ht up to 0.01 m. Alt 20–180 m.
WC

obcordellum (Haw.) N.E.Br. subsp. **stenandrum**
(L.Bolus) S.A.Hammer
C. stenandrum L.Bolus (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 450–1150 m.
m. NC, WC

obcordellum (Haw.) N.E.Br. var. *germanum* (N.E.Br.)
Rawe = **C. obcordellum** subsp. **obcordellum** var.
obcordellum

obcordellum (Haw.) N.E.Br. var. *mundum* (N.E.Br.)
Rawe forma *mundum* = **C. obcordellum** subsp.
obcordellum var. **obcordellum**

obcordellum (Haw.) N.E.Br. var. *mundum* (N.E.Br.)
Rawe forma *picturatum* (N.E.Br.) Rawe = **C.**
obcordellum subsp. **obcordellum** var. **obcordellum**
lum

- obcordellum* (Haw.) N.E.Br. var. *mundum* (N.E.Br.)
Rawe forma *stayneri* (L.Bolus) Rawe = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**
- obcordellum* (Haw.) N.E.Br. var. *mundum* (N.E.Br.)
Rawe forma *ursprungianum* (Tischer) Rawe = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**
- obcordellum* (Haw.) N.E.Br. var. *obcordellum* forma
declinatum (L.Bolus) Tischer = **C. obcordellum**
subsp. **obcordellum** var. **obcordellum**
- obcordellum* (Haw.) N.E.Br. var. *obcordellum* forma
multicolor (Tischer) Tischer = **C. obcordellum**
subsp. **obcordellum** var. **obcordellum**
- obcordellum* (Haw.) N.E.Br. var. *obcordellum* forma
picturatum (N.E.Br.) Tischer = **C. obcordellum**
subsp. **obcordellum** var. **obcordellum**
- obcordellum* (Haw.) N.E.Br. var. *parvipetalum* (N.E.Br.)
Tischer = **C. obcordellum** subsp. **obcordellum**
var. **obcordellum**
- obmetale* (N.E.Br.) N.E.Br. = **C. minimum**
- obovatum* Lavis var. *obovatum* = **C. globosum**
- obovatum* Lavis var. *obtusum* L.Bolus = **C. globosum**
- obscurum** N.E.Br. subsp. **barbatum** (L.Bolus)
S.A.Hammer
C. barbatum L.Bolus (6)
Perennial. Succulent. Ht up to 0.03 m. Alt 750–980 m.
NC
- obscurum** N.E.Br. subsp. **obscurum**
C. clavatum L.Bolus (3)
C. indutum L.Bolus (6)
C. pulchellum Tischer (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 750–1000
m. NC
- obscurum** N.E.Br. subsp. **sponsaliorum** (S.A.Hammer)
S.A.Hammer
C. bachelorum S.A.Hammer subsp. *sponsaliorum* S.A.Hammer (8)
Perennial. Succulent. Ht up to 0.02 m. Alt ± 680 m.
NC
- obscurum** N.E.Br. subsp. **vitreopapillum** (Rawe)
S.A.Hammer
C. vitreopapillum Rawe (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 300–650 m.
NC
- obtusum* N.E.Br. var. *amplum* (L.Bolus) Rawe = **C. bilobum** subsp. **bilobum** var. **bilobum**
- obtusum* N.E.Br. var. *obtusum* = **C. bilobum** subsp.
bilobum var. **bilobum**
- occultum* L.Bolus = **C. uviforme** subsp. **decoratum**
- odoratum* (N.E.Br.) N.E.Br. = **C. ficiforme**
- orbicum* N.E.Br. ex Tischer = **C. jucundum** subsp.
jucundum
- orientale* L.Bolus = **C. truncatum** subsp. **truncatum**
var. **truncatum**
- ornatum* Lavis = **C. flavum** subsp. **flavum**
- ovatum* L.Bolus = **C. bilobum** subsp. **bilobum** var.
bilobum
- ovigerum* Schwantes = **C. meyeri**
- pageae** (N.E.Br.) N.E.Br.
- C. aequatum* L.Bolus (3)
C. breve N.E.Br. var. *minutiflorum* (Schwantes) Rawe (3)
C. calculus (A.Berger) N.E.Br. var. *protusum* L.Bolus (3)
C. forresteri L.Bolus (3)
C. johannis-winkleri (Dinter & Schwantes) N.E.Br. (3)
C. labiatum Tischer (3)
C. longipetalum L.Bolus (3)
C. minutiflorum (Schwantes) N.E.Br. (3)
C. pageae (N.E.Br.) N.E.Br. var. *albiflorum* Rawe (3)
C. pauperae L.Bolus (3)
C. poellnitzianum Schwantes (3)
C. productum L.Bolus (3)
C. schickianum Tischer (3)
C. subrisum (N.E.Br.) N.E.Br. (3)
C. tenuisectum L.Bolus (3)
C. thudichumii L.Bolus (3)
C. udabibense Loesch & Tischer (3)
Mesembryanthemum johannis-winkleri Dinter & Schwantes (3)
Mesembryanthemum pageae N.E.Br. (3)
Mesembryanthemum subrisum N.E.Br. (3)
Perennial. Succulent. Ht up to 0.05 m. Alt 350–700 m.
NC, WC
- pageae* (N.E.Br.) N.E.Br. var. *albiflorum* Rawe = **C. pageae**
- pageae* (N.E.Br.) N.E.Br. var. *pygmaeum* (Schick &
Tischer) Rawe in sense of Rawe = **C. stevens-jonesianum**
- pallidum* (N.E.Br.) N.E.Br. = **C. ficiforme**
- papillatum* L.Bolus = **C. meyeri**
- pardicolor* Tischer = **C. pellucidum** subsp. **pellucidum**
- pardivisum* Tischer = **C. uviforme** subsp. **uviforme**
- parviflorum* N.E.Br. = **C. obcordellum** subsp.
obcordellum var. **obcordellum**
- parviflorum* N.E.Br. var. *impressum* (Tischer) Tischer =
C. obcordellum subsp. **obcordellum** var.
obcordellum
- parvimarimum* L.Bolus = **C. hians**
- parvipetalum* (N.E.Br.) N.E.Br. = **C. obcordellum**
subsp. **obcordellum** var. **obcordellum**
- parvipunctum* Tischer = **C. truncatum** subsp. **trunca-**
tum var. **truncatum**
- parvulum* L.Bolus = **C. bilobum** subsp. **bilobum** var.
bilobum
- paucipunctum* Tischer = **C. breve**
- pauperae* L.Bolus = **C. pageae**
- pauxillum* (N.E.Br.) N.E.Br. = **C. minimum**
- pearsonii* N.E.Br. var. *latisectum* L.Bolus = **C. minu-**
tum var. **pearsonii**
- pearsonii* N.E.Br. var. *minor* N.E.Br. = **C. minutum** var.
pearsonii
- pearsonii* N.E.Br. var. *pearsonii* = **C. minutum** var.
pearsonii
- peersii* Lavis var. *multipunctatum* (Tischer) Rawe = **C. truncatum** subsp. **truncatum** var. **truncatum**
- peersii* Lavis var. *peersii* = **C. truncatum** subsp. **trunca-**
tum var. **truncatum**
- pellucidum** Schwantes subsp. **cupreatum** (Tischer)
S.A.Hammer var. **cupreatum**
C. astylum L.Bolus (3)
C. cupreatum Tischer (3)
C. meridianum L.Bolus var. *meridianum* (3)
C. meridianum L.Bolus var. *pulverulentum* L.Bolus (3)

- Perennial. Succulent. Ht up to 0.04 m. Alt 870–1050 m. NC
- pellucidum** Schwantes subsp. **cupreatum** (Tischer) S.A.Hammer var. **terrestre** (Tischer) S.A.Hammer
C. terrestre Tischer (8)
Perennial. Succulent. Ht up to 0.04 m. Alt 870–950 m. NC
- pellucidum** Schwantes subsp. **pellucidum** var. **lilianum** (Littlew.) S.A.Hammer
C. lilianum Littlew. (8)
Perennial. Succulent. Ht up to 0.04 m. Alt 420–600 m. NC
- pellucidum** Schwantes subsp. **pellucidum** var. **neohal-
lii** S.A.Hammer
Perennial. Succulent. Ht up to 0.04 m. Alt 350–1050 m. NC
- pellucidum** Schwantes subsp. **pellucidum** var. **pellu-
cidum**
C. areolatum Littlew. (3)
C. elegans N.E.Br. (3)
C. fenestratum Schwantes (3)
C. pardicolor Tischer (3)
Perennial. Succulent. Ht up to 0.04 m. Alt 350–1050 m. NC
- pellucidum** Schwantes subsp. **pellucidum** var. **terricol-
or** (Tischer) Littlew. ex S.A.Hammer
C. terricolor Tischer (3)
Perennial. Succulent. Ht up to 0.04 m. Alt 350–1150 m. NC
- pellucidum** Schwantes subsp. **saueri** S.A.Hammer & T.C.Smole
Perennial. Succulent. Ht up to 0.02 m. Alt 900–1150 m. NC
- percrassum** Schick & Tischer = **C. flavum** subsp. **flavum**
- permaculatum** Tischer = **C. truncatum** subsp. **trunca-
tum** var. **truncatum**
- perpusillum** (Haw.) N.E.Br. = **C. minimum**
- petraeum** N.E.Br. = **C. minimum**
- philippi** L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
- phoeniceum** S.A.Hammer
Perennial. Succulent. Ht up to 0.01 m. Alt 700–800 m. NC
- pictum** (N.E.Br.) N.E.Br. = **C. minimum**
- picturatum** N.E.Br. = **C. obcordellum** subsp. **obcordel-
lum** var. **obcordellum**
- pillansii** Lavis = **C. subfenestratum**
- piluliforme** (N.E.Br.) N.E.Br. subsp. **edwardii** (Schwantes) S.A.Hammer
C. edwardii Schwantes (3)
C. rubrum L.Bolus (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 500–650 m. WC
- piluliforme** (N.E.Br.) N.E.Br. subsp. **piluliforme**
C. advenum N.E.Br. (3)
C. aggregatum (Haw. ex N.E.Br.) N.E.Br. (3)
C. archeri Lavis var. *archeri* (3)
C. brevipetalum Lavis (3)
C. etaylorii Schwantes (3)
C. leightoniae L.Bolus (3)
C. piluliforme (N.E.Br.) N.E.Br. var. *advenum* (N.E.Br.) Rawe (3)
- C. piluliforme* (N.E.Br.) N.E.Br. var. *brevipetalum* (Lavis) Rawe (3)
C. subconfusum Tischer (3)
Mesembryanthemum aggregatum Haw. ex N.E.Br. (3)
Mesembryanthemum piluliforme N.E.Br. (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 390–600 m. WC
- piluliforme** (N.E.Br.) N.E.Br. var. **advenum** (N.E.Br.)
Rawe = **C. piluliforme** subsp. **piluliforme**
- piluliforme** (N.E.Br.) N.E.Br. var. **brevipetalum** (Lavis)
Rawe = **C. piluliforme** subsp. **piluliforme**
- piriforme** L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
- pisinum** N.E.Br. = **C. truncatum** subsp. **viridicatum**
- placitum** (N.E.Br.) N.E.Br. var. **placitum** = **C. ficiforme**
- placitum** (N.E.Br.) N.E.Br. var. **pubescens** Littlew. = **C. ficiforme**
- plenum** N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**
- pluriforme** L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
- poellnitzianum** Schwantes = **C. pageae**
- pole-evansii** N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**
- polulum** N.E.Br. = **C. minimum**
- polyandrum** Lavis = **C. velutinum** subsp. **polyandrum**
- praecinatum** N.E.Br. = **C. minimum**
- praecox** N.E.Br. = **C. fraternum**
- praegratum** Tischer = **C. jucundum** subsp. **jucundum**
- praeparvum** N.E.Br. var. **praeparvum** = **C. uviforme** subsp. **uviforme**
- praeparvum** N.E.Br. var. **roseum** Lavis = **C. uviforme** subsp. **uviforme**
- praeseatum** N.E.Br.
Ophthalmophyllum praeseatum (N.E.Br.) Schwantes (6)
Perennial. Succulent. Ht up to 0.03 m. Alt 1000–1150 m. NC
- primosii** Lavis = **C. roodiae**
- productum** L.Bolus = **C. pageae**
- prolongatum** L.Bolus = **C. uviforme** subsp. **uviforme**
- proximum** L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
- puberulum** Lavis = **C. meyeri**
- pubescens** (Tischer) G.D.Rowley
Ophthalmophyllum pubescens Tischer (3)
Perennial. Succulent. Ht up to 0.02 m. Alt 1000–1100 m. NC
- pubicalyx** Lavis
Perennial. Succulent. Ht up to 0.02 m. Alt 600–1070 m. NC
- pulchellum** Tischer = **C. obscurum** subsp. **obscurum**
- pumilum** N.E.Br. = **C. breve**
- purpusii** (Schwantes) N.E.Br. = **C. truncatum** subsp. **truncatum** var. **truncatum**
- pusillum** (N.E.Br.) N.E.Br. = **C. minimum**
- pygmaeum** Schick & Tischer = **C. breve**
- quaesitum** (N.E.Br.) N.E.Br. subsp. **densipunctum** (L.Bolus) S.A.Hammer

- C. densipunctum* L.Bolus (3)
Perennial. Succulent. Ht up to 0.04 m. Alt 1050–1200 m. N
- quaesitum** (N.E.Br.) N.E.Br. subsp. **quaesitum** var. **quaesitum**
C. modestum L.Bolus (6)
C. quartziticum Tischer (3)
Mesembryanthemum quaesitum N.E.Br. (3)
Perennial. Succulent. Ht up to 0.05 m. Alt 700–1200 m. NC
- quaesitum** (N.E.Br.) N.E.Br. subsp. **quaesitum** var. **rostratum** (Tischer) S.A.Hammer
C. rostratum Tischer (6)
Perennial. Succulent. Ht up to 0.05 m. Alt 700–1200 m. NC
- quartziticum* Tischer = **C. quaesitum** subsp. **quaesitum** var. **quaesitum**
- radiatum* Tischer = **C. minimum**
- ramosum* Lavis = **C. meyeri**
- rarum* N.E.Br. = **C. jucundum** subsp. **jucundum**
- ratum** S.A.Hammer
Perennial. Succulent. Ht up to 0.01 m. Alt 800–950 m. NC
- rauhii* Tischer = **C. uviforme** subsp. **rauhii**
- rawei* G.D.Rowley = **C. longum**
- recisum* N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**
- reconditum** A.R.Mitch. subsp. **buysianum** (A.R.Mitch. & S.A.Hammer) S.A.Hammer
C. buysianum A.R.Mitch. & S.A.Hammer (3)
Perennial. Succulent. Ht up to 0.02 m. Alt 980–1100 m. NC
- reconditum** A.R.Mitch. subsp. **reconditum**
Perennial. Succulent. Ht up to 0.02 m. Alt 430–1150 m. NC
- regale** Lavis
Perennial. Succulent. Ht up to 0.04 m. Alt 950–1150 m. NC
- renniei* Lavis = **C. truncatum** subsp. **truncatum** var. **truncatum**
- renominatum* G.D.Rowley = **C. friedrichiae**
- reticulatum* L.Bolus = **C. minusculum** subsp. **minusculum**
- reticulatum* L.Bolus forma *roseum* G.D.Rowley = **C. minusculum** subsp. **minusculum**
- retusum* N.E.Br. = **C. meyeri**
- ricardianum** Loesch & Tischer subsp. **ricardianum**
Perennial. Succulent. Ht up to 0.04 m. Alt 690–970 m. N
- ricardianum** Loesch & Tischer subsp. **rubriflorum** Tischer
Perennial. Succulent. Ht up to 0.04 m. Alt 650–1050 m. N
- robustum* Tischer = **C. jucundum** subsp. **jucundum**
- rolfii* de Boer = **C. obcordellum** subsp. **rolfii**
- roodiae** N.E.Br. subsp. **corrugatum** T.C.Smale
Perennial. Succulent. Ht up to 0.03 m. Alt 780–1250 m. NC
- roodiae** N.E.Br. subsp. **cylindratum** (Schwantes) T.C.Smale
C. cylindratum Schwantes (8)
C. cylindratum Schwantes var. *primosii* (Lavis) Rawe (8)
Perennial. Succulent. Ht up to 0.04 m. Alt 650–1100 m. NC
- roodiae** N.E.Br. subsp. **roodiae**
C. hallii L.Bolus (3)
C. primosii Lavis (3)
C. rubroniveum L.Bolus (3)
Perennial. Succulent. Ht up to 0.03 m. Alt 780–1250 m. NC
- roodiae** N.E.Br. subsp. **sanguineum** (S.A.Hammer) T.C.Smale
C. rugosum S.A.Hammer subsp. *sanguineum* S.A.Hammer (6)
Perennial. Succulent. Ht up to 0.03 m. Alt 780–1250 m. NC
- rooipanense* L.Bolus = **C. uviforme** subsp. **uviforme**
- rostratum* Tischer = **C. quaesitum** subsp. **quaesitum** var. **rostratum**
- rubricarinatum* Tischer = **C. loeschianum**
- rubristylosum* Tischer = **C. flavum** subsp. **novicium**
- rubrolineatum* Rawe = **C. swanepoelianum** subsp. **rubrolineatum**
- rubroniveum* L.Bolus = **C. roodiae** subsp. **roodiae**
- rubrum* L.Bolus = **C. piluliforme** subsp. **edwardii**
- rufescens* N.E.Br. = **C. maughanii** subsp. **maughanii**
- rugosum** S.A.Hammer
Perennial. Succulent. Ht up to 0.01 m. Alt 200–1200 m. NC, WC
- rugosum* S.A.Hammer subsp. *sanguineum* S.A.Hammer = **C. roodiae** subsp. **sanguineum**
- ruschii* Schwantes var. *obtusipetalum* L.Bolus = **C. jucundum** subsp. **ruschii**
- ruschii* Schwantes var. *ruschii* = **C. jucundum** subsp. **ruschii**
- salmonicolor* L.Bolus = **C. frutescens**
- saxetanum** (N.E.Br.) N.E.Br.
C. exiguum N.E.Br. (3)
C. graessneri Tischer (3)
C. misellum N.E.Br. (3)
C. namibense N.E.Br. (6)
C. saxetanum (N.E.Br.) N.E.Br. forma *hallianum* G.D.Rowley (3)
C. saxetanum (N.E.Br.) N.E.Br. var. *misellum* (N.E.Br.) Rawe (3)
C. vescum N.E.Br. (3)
Mesembryanthemum saxetanum N.E.Br. (6)
Perennial. Succulent. Ht up to 0.04 m. Alt 20–1125 m. N, NC
- saxetanum* (N.E.Br.) N.E.Br. forma *hallianum* G.D.Rowley = **C. saxetanum**
- saxetanum* (N.E.Br.) N.E.Br. var. *loeschianum* (Tischer) Rawe = **C. loeschianum**
- saxetanum* (N.E.Br.) N.E.Br. var. *misellum* (N.E.Br.) Rawe = **C. saxetanum**
- schickianum* Tischer = **C. pageae**
- schlechteri** Schwantes
Perennial. Succulent. Ht up to 0.05 m. Alt 700–1050 m. NC
- schwantesii* G.D.Rowley = **C. friedrichiae**
- scitulum* (N.E.Br.) N.E.Br. = **C. minimum**
- sellatum* Tischer = **C. minutum** var. **minutum**
- semilunulium* Tischer = **C. meyeri**

semivestitum L.Bolus

Perennial. Succulent. Ht up to 0.02 m. Alt? NC

senarium L.Bolus = **C. marginatum** subsp. **harmoepense****signatum** (N.E.Br.) N.E.Br. = **C. minimum****simile** N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum****simplum** N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum****singulare** G.D.Rowley = **C. caroli****sitzlerianum** Schwantes = **C. bilobum** subsp. **bilobum** var. **bilobum****smithersii** L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum****smorenskaduense** de Boer

Perennial. Succulent. Ht up to 0.02 m. Alt 1000–1190 m. NC

smorenskaduense de Boer subsp. **hermarium** S.A.Hammer = **C. hermarium****sororium** N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum****spathulatum** (L.Bolus) G.D.Rowley = **C. lydiae****speciosum** Tischer = **C. jucundum** subsp. **ruschii****spectabile** Lavis = **C. obcordellum** subsp. **obcordellum** var. **obcordellum****spirale** N.E.Br. = **C. truncatum** subsp. **truncatum** var. **truncatum****springbokense** N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum****stegmannianum** L.Bolus = **C. truncatum** subsp. **truncatum** var. **truncatum****stenandrum** L.Bolus = **C. obcordellum** subsp. **stenandrum****stephanii** Schwantes subsp. **abductum** S.A.Hammer = **C. stephanii** subsp. **stephanii****stephanii** Schwantes subsp. **helmutii** (Lavis) S.A.Hammer*C. helmutii* Lavis (3)

Perennial. Succulent. Ht up to 0.03 m. Alt 700–1150 m. NC

stephanii Schwantes subsp. **stephanii***C. stephanii* Schwantes subsp. **abductum** S.A.Hammer (6)

Perennial. Succulent. Ht up to 0.03 m. Alt 600–1169 m. NC

stevens-jonesianum L.Bolus*C. pageae* (N.E.Br.) N.E.Br. var. **pygmaeum** (Schick & Tischer) Rawe in sense of Rawe (3)

Perennial. Succulent. Ht up to 0.06 m. Alt 500–1110 m. NC

steytlervillense Tischer = **C. truncatum** subsp. **truncatum** var. **truncatum****stipitatum** L.Bolus = **C. uviforme** subsp. **uviforme****strictum** L.Bolus var. **inaequale** L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum****strictum** L.Bolus var. **strictum** = **C. bilobum** subsp. **bilobum** var. **bilobum****stylosum** (N.E.Br.) Tischer = **C. bilobum** subsp. **bilobum** var. **bilobum****subacutum** L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum****subconfusum** Tischer = **C. piluliforme** subsp. **piluliforme****subcylindricum** L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum****subfenestratum** Schwantes*C. edithiae* N.E.Br. (3)*C. lucipunctum* N.E.Br. (3)*C. pillansii* Lavis (3)*Ophthalmophyllum subfenestratum* (Schwantes) Tischer (6)

Perennial. Succulent. Ht up to 0.005 m. Alt 180–350 m. WC

subglobosum Tischer = **C. truncatum** subsp. **truncatum** var. **truncatum****subincanum** Tischer = **C. uviforme** subsp. **subincanum****subrisum** (N.E.Br.) N.E.Br. = **C. pageae****subtenuis** L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum****subterraneum** T.C.Smole & T.Jacobs

Perennial. Succulent. Ht up to 0.02 m, when in flower. Alt 750–1100 m. NC

subtile N.E.Br. = **C. breve****sulcatum** L.Bolus = **C. ectypum** subsp. **sulcatum****supremum** L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum****swanepoelianum** Rawe subsp. **proliferans** S.A.Hammer

Perennial. Succulent. Ht up to 0.02 m. Alt 750–980 m. NC

swanepoelianum Rawe subsp. **rubrolineatum** (Rawe) S.A.Hammer*C. rubrolineatum* Rawe (8)

Perennial. Succulent. Ht up to 0.03 m. Alt 600–850 m. NC

swanepoelianum Rawe subsp. **swanepoelianum**

Perennial. Succulent. Ht up to 0.02 m. Alt 800–1100 m. NC

tantillum N.E.Br. subsp. **amicorum** S.A.Hammer & Barnhill

Perennial. Succulent. Ht up to 0.02 m. Alt ± 850 m. NC

tantillum N.E.Br. subsp. **eenkokerense** (L.Bolus) S.A.Hammer*C. eenkokerense* L.Bolus (8)*C. marginatum* Lavis var. **eenkokerense** (L.Bolus) Rawe (8)

Perennial. Succulent. Ht up to 0.02 m. Alt 1050–1150 m. NC

tantillum N.E.Br. subsp. **heleniae** (Rawe) S.A.Hammer*C. heleniae* Rawe (3)

Perennial. Succulent. Ht up to 0.02 m. Alt 1000–1150 m. NC

tantillum N.E.Br. subsp. **inexpectatum** S.A.Hammer

Perennial. Succulent. Ht up to 0.02 m. Alt 750–1000 m. NC

tantillum N.E.Br. subsp. **lindenianum** (Lavis & S.A.Hammer) S.A.Hammer*C. lindenianum* Lavis & S.A.Hammer (3)

Perennial. Succulent. Ht up to 0.02 m. Alt 650–950 m. NC

tantillum N.E.Br. subsp. **tantillum**

Perennial. Succulent. Ht up to 0.02 m. Alt 1050–1150 m. NC

taylorianum (Dinter & Schwantes) N.E.Br. subsp. **ernianum** (Loesch & Tischer) de Boer ex S.A.Hammer

C. ernianum Loesch & Tischer (3)

Perennial. Succulent. Ht up to 0.04 m. Alt 600–1114 m. N

taylorianum (Dinter & Schwantes) N.E.Br. subsp. **rosynense** S.A.Hammer

Perennial. Succulent. Ht up to 0.04 m. Alt 600–1200 m. NC

taylorianum (Dinter & Schwantes) N.E.Br. subsp. **taylorianum**

C. lavranosii Rawe var. *cuneatum* Rawe (3)

C. lavranosii Rawe var. *lavranosii* (3)

Mesembryanthemum taylorianum Dinter & Schwantes (3)

Perennial. Succulent. Ht up to 0.04 m. Alt 650–1125 m. N

tectum N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

teguliflorum Tischer = **C. frutescens**

tenuisectum L.Bolus = **C. pageae**

terrestre Tischer = **C. pellucidum** subsp. **cupreatum**

terricolor Tischer = **C. pellucidum** subsp. **pellucidum** var. **terricolor**

tetracarpum Lavis = **C. flavum** subsp. **flavum**

thudichumi L.Bolus = **C. pageae**

tinctum Lavis = **C. flavum** subsp. **flavum**

tischeri Schick = **C. velutinum** subsp. **velutinum**

tischleri Schwantes = **C. ectypum** subsp. **ectypum**

tomasi Halda

C. hanae Pavelka (8)

Perennial. Succulent. Ht up to 0.04 m. Alt 1000–1300 m. NC

translucens N.E.Br. = **C. truncatum** subsp. **truncatum** var. **truncatum****triebneri** Schwantes = **C. marginatum** subsp. **harmoepense****truncatum** (Thunb.) N.E.Br. subsp. **truncatum** var. **truncatum**

C. albertense (N.E.Br.) N.E.Br. (3)

C. brevitybum Lavis (3)

C. calitzdorpense L.Bolus (6)

C. calitzdorpense Tischer (6)

C. cibdelum N.E.Br. (3)

C. morganii Lavis (3)

C. multipunctatum Tischer (3)

C. orientale L.Bolus (3)

C. parvipunctum Tischer (3)

C. peersii Lavis var. *multipunctatum* (Tischer) Rawe (3)

C. peersii Lavis var. *peersii* (3)

C. permaculatum Tischer (6)

C. purpusii (Schwantes) N.E.Br. (3)

C. renniei Lavis (3)

C. spirale N.E.Br. (3)

C. stegmannianum L.Bolus (6)

C. steyllervillense Tischer (3)

C. subglobosum Tischer (3)

C. translucens N.E.Br. (3)

C. truncatum (Thunb.) N.E.Br. var. *brevitybum* (Lavis) Tischer (3)

C. truncatum (Thunb.) N.E.Br. var. *truncatum* forma *parvipunctum* (Tischer) Tischer (3)

C. truncatum (Thunb.) N.E.Br. var. *truncatum* forma *rennei* (Lavis) Tischer (3)

C. wagneriorum Schwantes (3)

Mesembryanthemum purpusii Schwantes (3)

Perennial. Succulent. Ht up to 0.04 m. Alt 440–950 m. NC, WC, EC

truncatum (Thunb.) N.E.Br. subsp. **truncatum** var. **wiggettiae** (N.E.Br.) Rawe

C. wiggettiae N.E.Br. (8)

Perennial. Succulent. Ht up to 0.04 m. Alt 440–950 m. WC

truncatum (Thunb.) N.E.Br. subsp. **viridicatum** (N.E.Br.) S.A.Hammer

C. archeri Lavis var. *stayneri* L.Bolus (3)

C. catervum (N.E.Br.) N.E.Br. (3)

C. complanatum L.Bolus (3)

C. dispar N.E.Br. (3)

C. koupense Tischer (3)

C. longitubum L.Bolus (3)

C. muirii N.E.Br. (3)

C. novellum N.E.Br. (3)

C. pisinnum N.E.Br. (3)

C. viridicatum (N.E.Br.) N.E.Br. var. *pisinnum* (N.E.Br.) Rawe (6)

C. viridicatum (N.E.Br.) N.E.Br. var. *punctatum* N.E.Br. (3)

C. viridicatum (N.E.Br.) N.E.Br. var. *viridicatum* (3)

Mesembryanthemum catervum N.E.Br. (3)

Mesembryanthemum pisinnum N.E.Br. (3)

Perennial. Succulent. Ht up to 0.04 m. Alt 550–1250 m. WC

truncatum (Thunb.) N.E.Br. var. **brevitybum** (Lavis) Tischer = **C. truncatum** subsp. **truncatum** var. **truncatum**

truncatum (Thunb.) N.E.Br. var. *truncatum* forma *parvipunctum* (Tischer) Tischer = **C. truncatum** subsp. **truncatum** var. **truncatum**

truncatum (Thunb.) N.E.Br. var. *truncatum* forma *rennei* (Lavis) Tischer = **C. truncatum** subsp. **truncatum** var. **truncatum**

tubatatum Tischer = **C. minutum** var. **minutum**

tumidum N.E.Br. = **C. bilobum** subsp. **bilobum** var. **bilobum**

tumidum N.E.Br. var. *asperulum* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

turbiniiforme Rawe = **C. auriflorum** subsp. **turbiniiforme**

turrigerum (N.E.Br.) N.E.Br.

Mesembryanthemum turrigerum N.E.Br. (3)

Perennial. Succulent. Ht up to 0.03 m. Alt 200–880 m. WC

udabibense Loesch & Tischer = **C. pageae**

umdausense L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**

ursprungianum Tischer var. *stayneri* L.Bolus = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

ursprungianum Tischer var. *ursprungianum* = **C. obcordellum** subsp. **obcordellum** var. **obcordellum**

uviforme (Haw.) N.E.Br. forma *framesii* (Lavis) Tischer = **C. uviforme** subsp. **uviforme**

uviforme (Haw.) N.E.Br. forma *meleagris* (L.Bolus) Tischer = **C. uviforme** subsp. **uviforme**

uviforme (Haw.) N.E.Br. subsp. **decoratum** (N.E.Br.) S.A.Hammer

- C. decoratum* N.E.Br. (3)
C. occultum L.Bolus (3)
C. varians L.Bolus (6)
 Perennial. Succulent. Ht up to 0.02 m. Alt 20–600 m.
 NC, WC
- uviforme** (Haw.) N.E.Br. subsp. **rauhii** (Tischer)
 S.A.Hammer
C. rauhii Tischer (3)
 Perennial. Succulent. Ht up to 0.03 m. Alt 600–820 m.
 NC
- uviforme** (Haw.) N.E.Br. subsp. **subincanum** (Tischer)
 S.A.Hammer
C. subincanum Tischer (3)
 Perennial. Succulent. Ht up to 0.03 m. Alt 200–250 m.
 WC
- uviforme** (Haw.) N.E.Br. subsp. **uviforme**
C. clarum N.E.Br. (3)
C. colorans Lavis (3)
C. framesii Lavis (3)
C. francisci L.Bolus (3)
C. hillii L.Bolus (3)
C. julii Schwantes ex H.Jacobsen (3)
C. litorale L.Bolus (3)
C. meleagris L.Bolus (3)
C. pardivisum Tischer (3)
C. praeparvum N.E.Br. var. *praeparvum* (3)
C. praeparvum N.E.Br. var. *roseum* Lavis (3)
C. prolongatum L.Bolus (3)
C. rooipanense L.Bolus (3)
C. stipitatum L.Bolus (3)
C. uviforme (Haw.) N.E.Br. forma *framesii* (Lavis) Tischer (3)
C. uviforme (Haw.) N.E.Br. forma *meleagris* (L.Bolus) Tischer (3)
C. uviforme (Haw.) N.E.Br. var. *clarum* (N.E.Br.) Rawe (3)
C. uviforme (Haw.) N.E.Br. var. *litorale* (L.Bolus) Rawe (3)
C. uviforme (Haw.) N.E.Br. var. *occultum* (L.Bolus) Rawe (3)
C. uviforme (Haw.) N.E.Br. var. *subincanum* (Tischer) Rawe (3)
C. vanrhynsdorpense Schwantes (3)
Mesembryanthemum uviforme (Haw.) N.E.Br. (3)
 Perennial. Succulent. Ht up to 0.04 m. Alt 200–1200 m. NC
- uviforme* (Haw.) N.E.Br. var. *clarum* (N.E.Br.) Rawe =
C. uviforme subsp. **uviforme**
- uviforme* (Haw.) N.E.Br. var. *litorale* (L.Bolus) Rawe =
C. uviforme subsp. **uviforme**
- uviforme* (Haw.) N.E.Br. var. *occultum* (L.Bolus) Rawe =
C. uviforme subsp. **uviforme**
- uviforme* (Haw.) N.E.Br. var. *subincanum* (Tischer)
 Rawe = **C. uviforme** subsp. **uviforme**
- vagum* N.E.Br. = **C. minimum**
- vanbredae* L.Bolus = **C. globosum**
- vanheerdei** Tischer
 Perennial. Succulent. Ht up to 0.04 m. Alt 850–1200 m. NC
- vanrhynsdorpense* Schwantes = **C. uviforme** subsp. **uviforme**
- vanzylii* Lavis = **C. calculus** subsp. **vanzylii**
- variabile* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
- variens* L.Bolus = **C. uviforme** subsp. **decoratum**
- velutinum** Schwantes subsp. **polyandrum** (Lavis)
 S.A.Hammer
C. polyandrum Lavis (3)
 Perennial. Succulent. Ht up to 0.03 m. Alt 300–540 m.
 NC
- velutinum** Schwantes subsp. **velutinum**
C. craterulum Tischer (3)
- C. tischeri* Schick (3)
C. velutinum Schwantes var. *craterulum* (Tischer) Rawe (3)
 Perennial. Succulent. Ht up to 0.03 m. Alt 300–750 m.
 NC
- velutinum* Schwantes var. *craterulum* (Tischer) Rawe =
C. velutinum subsp. **velutinum**
- verrucosum** (Lavis) G.D.Rowley
Ophthalmophyllum verrucosum Lavis (3)
 Perennial. Succulent. Ht up to 0.01 m. Alt 750–880 m.
 NC
- vescum* N.E.Br. = **C. saxetanum**
- violaciflorum** Schick & Tischer
C. anjametae de Boer (3)
C. geometricum Lavis (3)
 Perennial. Succulent. Ht up to 0.04 m. Alt 900–1320 m. NC
- virens* L.Bolus = **C. ectypum** subsp. **ectypum**
- viride* Tischer = **C. joubertii**
- viridicatum* (N.E.Br.) N.E.Br. var. *pisinum* (N.E.Br.)
 Rawe = **C. truncatum** subsp. **viridicatum**
- viridicatum* (N.E.Br.) N.E.Br. var. *punctatum* N.E.Br. =
C. truncatum subsp. **viridicatum**
- viridicatum* (N.E.Br.) N.E.Br. var. *viridicatum* = **C. truncatum** subsp. **viridicatum**
- vitreopapillum* Rawe = **C. obscurum** subsp. **vitreopapillum**
- vlakmynense* L.Bolus = **C. bilobum** subsp. **bilobum** var. **bilobum**
- wagneriorum* Schwantes = **C. truncatum** subsp. **truncatum** var. **truncatum**
- wettsteinii** (A.Berger) N.E.Br.
C. brevipes L.Bolus (3)
C. circumpunctatum Schick & Tischer (3)
 Perennial. Succulent. Ht up to 0.05 m. Alt 910–1160 m. NC
- wettsteinii* (A.Berger) N.E.Br. subsp. *fragile* (Tischer)
 S.A.Hammer = **C. jucundum** subsp. **fragile**
- wettsteinii* (A.Berger) N.E.Br. subsp. *francoiseae*
 S.A.Hammer = **C. francoiseae**
- wettsteinii* (A.Berger) N.E.Br. subsp. *ruschii*
 (Schwantes) S.A.Hammer = **C. jucundum** subsp. **ruschii**
- wettsteinii* (A.Berger) N.E.Br. var. *oculatum* L.Bolus,
 semi-naked name = **C. jucundum** subsp. **ruschii**
- wettsteinii* (A.Berger) N.E.Br. var. *speciosum* (Tischer)
 Tischer = **C. jucundum** subsp. **ruschii**
- wiesemannianum* Schwantes = **C. fulleri**
- wiggettiae* N.E.Br. = **C. truncatum** subsp. **truncatum** var. **wiggettiae**
- wittebergense* de Boer = **C. minimum**
- CORPUSCULARIA** Schwantes 2405130
 (1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 175–178.
- angustifolia** (L.Bolus) H.E.K.Hartmann
Delosperma angustifolium L.Bolus (1)
 Perennial. Succulent. Ht 0.04–0.05 m. Alt 600–840 m.
 EC
- angustipetala** (Lavis) H.E.K.Hartmann
Delosperma angustipetalum Lavis (1)

- Perennial. Succulent. Ht up to 0.12 m. Alt? EC
- appressa** (L.Bolus) H.E.K.Hartmann
Delosperma appressum L.Bolus (1)
Perennial. Succulent. Ht up to 0.09 m. Alt? EC
- britteniae** (L.Bolus) H.E.K.Hartmann
Delosperma britteniae L.Bolus (1)
Perennial. Succulent. Ht up to 0.05 m. Alt 100–340 m.
EC
- cymbiformis** (Haw.) Schwantes
Mesembryanthemum cymbiforme Haw. (1)
Perennial. Succulent. Ht up to 0.3 m. Alt? 'SA'
- dolomitica** (Dinter) Schwantes = **Antimima dolomitica**
- gracilis** (L.Bolus) H.E.K.Hartmann
Delosperma gracillimum L.Bolus (1)
Perennial. Succulent. Ht 0.1–0.2 m. Alt 280–650 m.
EC
- lehmannii** (Eckl. & Zeyh.) Schwantes
Delosperma lehmannii (Eckl. & Zeyh.) Schwantes (1)
Schonlandia lehmannii (Eckl. & Zeyh.) L.Bolus (1)
Perennial. Succulent. Ht up to 0.03 m. Alt 140–400 m.
EC
- quarzitica** (Dinter) Schwantes = **Antimima quarzitica**
- taylori** (N.E.Br.) Schwantes
Delosperma minimum Lavis (1)
Delosperma taylori (N.E.Br.) Schwantes (1)
Delosperma taylori (N.E.Br.) Schwantes var. *albanense* L.Bolus (1)
Mesembryanthemum taylori N.E.Br. (1)
Perennial. Succulent. Ht up to 0.12 m. Alt 100–700 m.
EC
- CROCANTHUS** L.Bolus 2405142
- thunbergii** (Haw.) L.Bolus = **Malephora thunbergii**
- CRYOPHYTUM** N.E.Br. 2405164
- suaveolens** (L.Bolus) J.W.Ingram = **Phyllobolus lignescens**
- suffruticosum** L.Bolus = **Phyllobolus suffruticosus**
- CYLINDROPHYLLUM** Schwantes 2405031
- (1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 179–181.
- calamiforme** (L.) Schwantes
C. dyeri L.Bolus (1)
Mesembryanthemum calamiforme L. (1)
Perennial. Succulent. Ht 0.02–0.03 m. Alt 750–1050 m. EC
- comptonii** L.Bolus
Perennial. Succulent. Ht up to 0.04 m. Alt 450–1290 m. WC
- dichroum** (Rolfe) Schwantes = **Ruschia dichroa**
- dyeri** L.Bolus = **C. calamiforme**
- hallii** L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 720–754 m.
NC
- obsbulatum** (Haw.) Schwantes
Mesembryanthemum obsbulatum Haw. (1)
Perennial. Succulent. Ht? Alt? 'SA'
- tugwelliae** L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 800–1100 m. WC

- DACTYLOPSIS** N.E.Br. 2405032
- (1) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 102.
(2) Chesselet *et al.* 2000. In Leistner, *Strelitzia* 10: 385.
(3) Gerbaulet. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 208, 209.
- digitata** (Aiton) N.E.Br.
Mesembryanthemum digitatum Aiton (2)
Mesembryanthemum digitatum Thunb. (2)
Mesembryanthemum digitiforme Thunb. (2)
Phyllobolus digitatus (Aiton) Gerbaulet subsp. *digitatus* (2)
Perennial. Succulent. Ht 0.1–0.2 m. Alt 180–290 m.
WC
- littlewoodii** L.Bolus
Phyllobolus digitatus (Aiton) Gerbaulet subsp. *littlewoodii* (L.Bolus) Gerbaulet (2)
Perennial. Succulent. Ht up to 0.1 m. Alt 180–290 m.
WC
- DEILANTHE** N.E.Br. 2405165
- (1) Hammer. 1995. *Cactus and Succulent Journal (U.S.)* 67: 173.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 182, 183.
- hilmarii** (L.Bolus) H.E.K.Hartmann
Aloinopsis hilmarii (L.Bolus) L.Bolus (2)
Perennial. Succulent. Ht 0.025–0.03 m. Alt 750–1330 m. WC
- peersii** (L.Bolus) N.E.Br.
Aloinopsis peersii (L.Bolus) L.Bolus (2)
Mesembryanthemum canum A.Berger (2)
Nananthus peersii L.Bolus (2)
Perennial. Succulent. Ht 0.02–0.035 m. Alt 850–1400 m. FS, WC, EC
- thudichumii** (L.Bolus) S.A.Hammer
Aloinopsis thudichumii L.Bolus (1)
Perennial. Succulent. Ht up to 0.03 m. Alt 800–1300 m. NC, WC
- DELOSPERMA** N.E.Br. emend. 2405033
Lavis
- (1) Phillips. 1927. *The Flowering Plants of South Africa* 7: tt. 259, 261, 278.
(2) Bolus. 1931. *The Flowering Plants of South Africa* 11: t. 419.
(3) Bolus. 1947. *The Flowering Plants of Africa* 26: t. 1023, 1024.
(4) Lavis. 1966. *Journal of South African Botany* 32: 209, 210.
(5) Hammer & Barnhill. 1997. *Bradleya* 15: 46.
(6) Van Jaarsveld & Van Wyk. 1999. *Aloe* 36: 71–74.
(7) Smith *et al.* 1999. *Flowering Plants of Africa* 56: 46–52, t. 2149.
(8) Hartmann. 2001. *Aloe* 38: 4–12.
(9) Hartmann 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 184–210.
- aberdeenense** (L.Bolus) L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt ± 1067 m. EC
- acocksii** L.Bolus
D. acocksii L.Bolus var. *luxurians* L.Bolus (9)
Perennial. Dwarf shrub, succulent. Ht up to 0.16 m. Alt 1200–1600 m. NC
- acocksii* L.Bolus var. *luxurians* L.Bolus = **D. acocksii**
- acuminatum** L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt 250–830 m. EC
- adelaidense** Lavis
Perennial. Dwarf shrub, succulent. Ht? Alt 420–950 m. EC
- aereum** (L.Bolus) L.Bolus
D. aereum (L.Bolus) L.Bolus var. *album* (L.Bolus) L.Bolus (9)

- Perennial. Succulent. Ht? Alt? 'CP'
aereum (L.Bolus) L.Bolus var. *album* (L.Bolus) L.Bolus
 = **D. aereum**
- affine** Lavis
 Perennial. Succulent. Ht 0.12–0.3 m. Alt? 'SA'
- algoense** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht? Alt? EC
- aliwalense** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt
 1400–1700 m. EC
- alticola** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht up to 0.08 m.
 Alt 3000–3300 m. KZN
- angustifolium* L.Bolus = **Corpuscularia angustifolia**
angustipetalum Lavis = **Corpuscularia angustipetala**
- annulare** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht 0.04–0.12 m.
 Alt 2000–2330 m. M
- appressum* L.Bolus = **Corpuscularia appressum**
- ashtonii** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht up to 0.08 m.
 Alt 1600–3400 m. FS, KZN, L
- asperulum** (Salm-Dyck) L.Bolus
 Perennial. Dwarf shrub, succulent. Ht 0.3–0.8 m. Alt
 91–300 m. WC
- ausense* L.Bolus = **D. klinghardtianum**
- basiticum** L.Bolus
 Perennial. Succulent. Ht up to 0.055 m. Alt 3000–
 3400 m. L
- brevipetalum** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht up to 0.08 m,
 when in flower. Alt 250–900 m. EC
- brevisepalum** L.Bolus
D. brevisepalum L.Bolus var. *majus* L.Bolus (9)
 Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt
 ± 1220 m. EC
- brevisepalum* L.Bolus var. *majus* L.Bolus = **D. bre-
 visepalum**
- britteniae* L.Bolus = **Corpuscularia britteniae**
- brunnthaleri** (A.Berger) Schwantes
 Perennial. Dwarf shrub, succulent. Ht 0.3–0.4 m. Alt
 120–580 m. EC
- burtoniae** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht up to 0.15 m.
 Alt 300–550 m. WC
- caespitosum** L.Bolus
D. caespitosum L.Bolus forma *roseum* (L.Bolus) L.Bolus (9)
 Perennial. Dwarf shrub, succulent. Ht up to 0.3 m. Alt
 20–610 m. KZN, EC
- caespitosum* L.Bolus forma *roseum* (L.Bolus) L.Bolus =
D. caespitosum
- calitzdorpense** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt
 270–1200 m. WC
- calycinum** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht 0.1–0.12 m. Alt
 ± 305 m. EC
- carolinense** N.E.Br.
D. carolinense N.E.Br. var. *compacta* L.Bolus (9)
- Perennial. Dwarf shrub, succulent. Ht 0.06–0.14 m.
 Alt ± 1700 m. M, FS
- carolinense* N.E.Br. var. *compacta* L.Bolus = **D. caroli-
 nense**
- carterae** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt
 365–915 m. EC
- clavipes** Lavis
 Perennial. Succulent. Ht up to 0.05 m. Alt 1600–3400
 m. FS, L
- cloeteae** Lavis
 Perennial. Dwarf shrub, succulent. Ht up to 0.15 m.
 Alt 520–980 m. EC
- concovum** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht 0.1–0.12 m. Alt
 610–1520 m. KZN, L, EC
- congestum** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht up to 0.13 m.
 Alt up to 3400 m. FS, KZN, L
- cooperi** (Hook.f.) L.Bolus
D. cooperi (Hook.f.) L.Bolus forma *bicolor* (L.Bolus) G.D.Rowley (9)
 Perennial. Dwarf shrub, succulent. Ht 0.2–0.4 m. Alt
 1350–2745 m. FS, L
- cooperi* (Hook.f.) L.Bolus forma *bicolor* (L.Bolus)
 G.D.Rowley = **D. cooperi**
- crassuloides** (Haw.) L.Bolus
 Perennial. Succulent. Ht up to 0.055 m. Alt 1450–
 3200 m. FS, KZN, L, EC
- crassum** L.Bolus
Drosanthemum robustum L.Bolus (9)
 Perennial. Dwarf shrub, succulent. Ht up to 0.3 m. Alt
 200–350 m. WC
- cronemeyerianum** (A.Berger) H.Jacobsen
 Perennial. Dwarf shrub, succulent. Ht up to 0.2 m.
 Alt? 'SA'
- davyi** N.E.Br.
 Perennial. Succulent. Ht up to 0.15 m. Alt ± 1730 m.
 G
- deilanthoides** S.A.Hammer
 Perennial. Succulent. Ht up to 0.08 m, when in flower.
 Alt 2000–2250 m. M
- deleewiae** Lavis
 Perennial. Succulent. Ht up to 0.03 m. Alt up to 2970
 m. FS, KZN, L
- denticulatum** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht up to 0.15 m.
 Alt 990–1800 m. M
- dolomitica** Van Jaarsv.
 Perennial. Dwarf shrub, succulent. Ht up to 0.3 m. Alt
 1000–1500 m. M
- dunense** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht up to 0.3 m. Alt
 50–350 m. EC
- dyeri** L.Bolus
D. dyeri L.Bolus var. *laxum* L.Bolus (9)
 Perennial. Dwarf shrub, succulent. Ht? Alt 1300–1600
 m. EC
- dyeri* L.Bolus var. *laxum* L.Bolus = **D. dyeri**
- echinatum** (Lam.) Schwantes

- D. pruinatum* (Thunb.) J.W.Ingram (9)
Trichodiadema echinatum L.Bolus (9)
 Perennial. Dwarf shrub, succulent. Ht 0.1–0.2 m. Alt 150–860 m. EC
- ecklonis** (Salm-Dyck) Schwantes
D. ecklonis (Salm-Dyck) Schwantes var. *latifolia* L.Bolus (9)
 Perennial. Succulent. Ht up to 0.25 m. Alt 50–850 m. EC?
- ecklonis* (Salm-Dyck) Schwantes var. *latifolia* L.Bolus = **D. ecklonis**
- edwardsiae* L.Bolus = **D. rogersii**
- erectum** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht up to 0.14 m. Alt? 'SA'
- esterhuyseniae** L.Bolus
 Perennial. Succulent. Ht up to 0.03 m. Alt ± 700 m. WC
- exspersum* (N.E.Br.) L.Bolus var. *decumbens* L.Bolus = **Drosanthemum exspersum**
- exspersum* (N.E.Br.) L.Bolus var. *exspersum* = **Drosanthemum exspersum**
- ficksburgense** Lavis
 Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt ± 700 m. FS
- floribundum** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht up to 0.25 m. Alt 800–1920 m. FS, KZN
- framesii** L.Bolus
 Perennial. Succulent. Ht up to 0.05 m. Alt 1200–1740 m. G
- fredericii** Lavis
 Perennial. Dwarf shrub, succulent. Ht up to 0.27 m. Alt 120–650 m. EC
- frutescens** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht up to 1.5 m. Alt 450–1100 m. EC
- galpinii** L.Bolus
D. galpinii L.Bolus var. *minus* L.Bolus (9)
 Perennial. Succulent. Ht 0.05–0.12 m. Alt ± 2440 m. FS, KZN, L
- galpinii* L.Bolus var. *minus* L.Bolus = **D. galpinii**
- gautengense** H.E.K.Hartmann
 Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt 1250–1600 m. G
- gerstneri** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt ± 1600 m. L
- giffenii** Lavis
 Perennial. Dwarf shrub, succulent. Ht up to 0.45 m. Alt 550–1250 m. EC
- gracile** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt ± 1525 m. KZN
- gracillimum* L.Bolus = **Corpuscularia gracilis**
- gramineum** L.Bolus
 Perennial. Succulent. Ht up to 0.2 m. Alt ± 1465 m. EC
- grandiflorum* L.Bolus = **Drosanthemum longipes**
- grantiae** L.Bolus
 Perennial. Succulent. Ht up to 0.1 m. Alt 320–890 m. EC
- gratiae** L.Bolus
D. longii L.Bolus (9)
 Perennial. Dwarf shrub, succulent. Ht up to 0.6 m. Alt ± 305 m. EC
- guthriei** Lavis
 Perennial. Succulent. Ht up to 0.25 m. Alt 20–200 m. WC
- hallii* L.Bolus = **Hartmanthus halii**
- herbeum** (N.E.Br.) N.E.Br.
 Perennial. Succulent. Ht 0.09–0.15 m. Alt 1000–2200 m. B, NW, G, M, FS
- hirtum** (N.E.Br.) Schwantes
D. hirtum (N.E.Br.) Schwantes var. *bicolor* L.Bolus (9)
 Perennial. Succulent. Ht 0.08–0.12 m. Alt 900–3400 m. M, FS, KZN, L
- hirtum* (N.E.Br.) Schwantes var. *bicolor* L.Bolus = **D. hirtum**
- hollandii** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht up to 0.3 m. Alt 170–550 m. EC
- imbricatum** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt 610–1980 m. EC
- inaequale** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt 150–330 m. WC
- incomptum** (Haw.) L.Bolus
D. incomptum (Haw.) L.Bolus var. *gracile* L.Bolus (9)
 Perennial. Dwarf shrub, succulent. Ht up to 0.6 m. Alt 1000–1100 m. NC
- incomptum* (Haw.) L.Bolus var. *ecklonis* (Salm-Dyck) H.Jacobsen = **D. invalidum**
- incomptum* (Haw.) L.Bolus var. *gracile* L.Bolus = **D. incomptum**
- inconspicuum** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht ± 0.25 m. Alt 20–200 m. WC
- intonsum** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 1200–1540 m. NC
- invalidum** (N.E.Br.) H.E.K.Hartmann
D. incomptum (Haw.) L.Bolus var. *ecklonis* (Salm-Dyck) H.Jacobsen (9)
 Perennial. Dwarf shrub, succulent. Ht? Alt? 'SA'
- jansei** N.E.Br.
 Perennial. Succulent. Ht up to 0.15 m. Alt 1000–1800 m. M, KZN
- karrooicum** L.Bolus
 Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt 1000–1800 m. EC
- katbergense** L.Bolus
D. katbergense L.Bolus var. *amatolense* L.Bolus (9)
D. katbergense L.Bolus var. *angustifolium* L.Bolus (9)
 Perennial. Succulent. Ht up to 0.2 m. Alt 1200–1700 m. EC
- katbergense* L.Bolus var. *amatolense* L.Bolus = **D. katbergense**
- katbergense* L.Bolus var. *angustifolium* L.Bolus = **D. katbergense**

klingshardianum (Dinter) Schwantes*D. ausense* L.Bolus (9)

Perennial. Dwarf shrub, succulent. Ht 0.1–0.3 m. Alt 120–800 m. N, NC

knox-daviesii Lavis

Perennial. Dwarf shrub, succulent. Ht up to 0.09 m. Alt ± 1500 m. G

kofleri Lavis

Perennial. Dwarf shrub, succulent. Ht up to 0.13 m. Alt up to 3400 m. FS, L

lavisiae L.Bolus*D. lavisiae* L.Bolus var. *parisepalum* L.Bolus (9)

Perennial. Dwarf shrub, succulent. Ht up to 0.09 m. Alt 730–3415 m. FS, KZN, L

lavisiae L.Bolus var. *parisepalum* L.Bolus = **D. lavisiae****laxipetalum** L.Bolus

Perennial. Succulent. Ht up to 0.2 m. Alt 550–1100 m. EC

lebomboense (L.Bolus) Lavis

Perennial. Succulent. Ht up to 0.15 m. Alt 340–650 m. M, S, KZN

leendertziae N.E.Br.

Perennial. Succulent. Ht up to 0.15 m. Alt ± 1600 m. G

lehmannii (Eckl. & Zeyh.) Schwantes = **Corpuscularia lehmannii****leightoniae** Lavis

Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 450–1200 m. EC

liebenbergii L.Bolus

Perennial. Dwarf shrub, succulent. Ht 0.1–0.15 m. Alt 1500–1900 m. EC

lineare L.Bolus*D. lineare* L.Bolus var. *tenuifolium* L.Bolus (9)

Perennial. Dwarf shrub, succulent. Ht up to 0.18 m. Alt up to 3400 m. KZN, L

lineare L.Bolus var. *tenuifolium* L.Bolus = **D. lineare****litorale** (Kensit) L.Bolus

Perennial. Dwarf shrub, succulent. Ht 0.03–0.15 m. Alt 5–305 m. WC

longii L.Bolus = **D. gratiae***longipes* L.Bolus = **Drosanthemum longipes****lootsbergense** Lavis

Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 1200–1900 m. EC

luckhoffii L.Bolus

Perennial. Dwarf shrub, succulent. Ht 0.03–0.05 m. Alt? 'SA'

luteum L.Bolus

Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt 450–1000 m. EC

lydenburgense L.Bolus*D. lydenburgense* L.Bolus var. *acutipetalum* L.Bolus (9)

Perennial. Succulent. Ht up to 0.15 m. Alt 750–2000 m. M

lydenburgense L.Bolus var. *acutipetalum* L.Bolus = **D. lydenburgense****macellum** (N.E.Br.) N.E.Br.

Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt up to 2000 m. B, NW, G, FS

macrostigma L.Bolus

Perennial. Dwarf shrub, succulent. Ht up to 0.05 m. Alt 175–350 m. WC

mahonii (N.E.Br.) N.E.Br.

Perennial. Dwarf shrub, succulent. Ht 0.15–0.2 m. Alt 1100–1800 m. B, LIM, NW, G

mariae L.Bolus

Perennial. Dwarf shrub, succulent. Ht up to 0.3 m. Alt 50–300 m. WC

maxwellii L.Bolus

Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 730–1200 m. EC

minimum Lavis = **Corpuscularia taylori****monanthemum** Lavis

Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt? 'SA'

muirii L.Bolus

Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 50–350 m. EC

multiflorum L.Bolus

Perennial. Dwarf shrub, succulent. Ht up to 0.25 m. Alt 220–590 m. EC

neethlingiae (L.Bolus) Schwantes*Trichodiadema tenue* L.Bolus (9)

Perennial. Dwarf shrub, succulent. Ht up to 0.14 m. Alt 50–650 m. WC

nelii L.Bolus

Perennial. Dwarf shrub, succulent. Ht up to 0.08 m. Alt up to 3400 m. L

nubigenum (Schltr.) L.Bolus

Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt up to 3400 m. FS, L

obtusum L.Bolus

Perennial. Dwarf shrub, succulent. Ht up to 0.05 m. Alt 1600–1700 m. FS

ornatum N.E.Br.

Perennial. Dwarf shrub, succulent. Ht up to 0.38 m. Alt 400–1405 m. FS, EC

pachyrhizum L.Bolus*D. pachyrhizum* L.Bolus var. *pubescens* L.Bolus (9)

Perennial. Dwarf shrub, succulent. Ht 0.14–0.2 m. Alt 120–1220 m. FS, KZN

pachyrhizum L.Bolus var. *pubescens* L.Bolus = **D. pachyrhizum****pageanum** (L.Bolus) L.Bolus

Perennial. Dwarf shrub, succulent. Ht up to 0.26 m. Alt ± 400 m. WC

pallidum L.Bolus

Perennial. Succulent. Ht up to 0.1 m. Alt? 'SA'

papillatum (L.Bolus) L.Bolus = **Drosanthemum papillatum****parviflorum** L.Bolus

Perennial. Dwarf shrub, succulent. Ht up to 0.06 m. Alt up to 305 m. EC

patersoniae (L.Bolus) L.Bolus

Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt 5–100 m. EC

peersii Lavis

Perennial. Dwarf shrub, succulent. Ht up to 0.24 m. Alt 750–1300 m. EC

- peglerae** L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 550–1500 m. EC
- pergamentaceum** L.Bolus var. *pergamentaceum* = **Hartmanthus pergamentaceus**
- pergamentaceum** L.Bolus var. *roseum* Lavis = **Hartmanthus pergamentaceus**
- pilosulum** L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.05 m. Alt up to 3400 m. L
- platysepalum** L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.3 m. Alt 550–1000 m. EC
- pondoense** L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.17 m. Alt 20–100 m. KZN
- pontii** L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt ± 1400 m. FS
- pottsii** (L.Bolus) L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 1400–1600 m. FS
- prasinum** L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.12 m. Alt ± 185 m. EC
- pruinoseum** (Thunb.) J.W.Ingram = **D. echinatum**
- pubipetalum** L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.3 m. Alt 1000–1600 m. WC
- purpureum** H.E.K.Hartmann
Perennial. Dwarf shrub, succulent. Ht up to 0.09 m. Alt 1200–1500 m. G
- repens** L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.03 m. Alt 1500–1900 m. FS, EC
- reynoldsii** Lavis
Perennial. Dwarf shrub, succulent. Ht 0.1–0.17 m. Alt up to 3300 m. FS, KZN, L
- rileyi** L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt 1200–1800 m. LIM, M
- robustum** L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.25 m. Alt up to 610 m. EC
- rogersii** (Schönland & A.Berger) L.Bolus
D. edwardsiae L.Bolus (9)
D. rogersii (Schönland & A.Berger) L.Bolus var. *glabrescens* L.Bolus (9)
Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt 20–140 m. EC
- rogersii** (Schönland & A.Berger) L.Bolus var. *glabrescens* L.Bolus = **D. rogersii**
- roseopurpureum** Lavis
Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt 1220–3400 m. FS, L
- saturatum** L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.16 m. Alt 1065–1300 m. KZN
- saxicola** Lavis
Perennial. Dwarf shrub, succulent. Ht up to 0.04 m. Alt 5–80 m. EC
- scabripes** L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.01 m. Alt 1675–3300 m. KZN, L, EC
- smytheae** L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.03 m. Alt 1100–1300 m. KZN
- sphalmanthoides** S.A.Hammer
Perennial. Dwarf shrub, succulent. Ht up to 0.01 m. Alt ± 1500 m. NC
- stenandrum** L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt 890–1250 m. EC
- subclavatum** L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 600–850 m. EC
- subincanum** (Haw.) Schwantes
Perennial. Dwarf shrub, succulent. Ht up to 0.6 m. Alt 85–1465 m. EC
- subpetiolatum** L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.03 m. Alt 20–80 m. KZN
- sulcatum** L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 50–200 m. EC
- sutherlandii** (Hook.f.) N.E.Br.
Perennial. Dwarf shrub, succulent. Ht 0.05–0.2 m, when in flower. Alt up to 2210 m. G, M, KZN
- suttoniae** Lavis
Perennial. Succulent. Ht up to 0.02–0.04 m. Alt ± 1300 m. KZN
- taylori** (N.E.Br.) Schwantes = **Corpuscularia taylori**
taylori (N.E.Br.) Schwantes var. *albanense* L.Bolus = **Corpuscularia taylori**
- testaceum** (Haw.) Schwantes
Perennial. Shrub, dwarf shrub, succulent. Ht 0.6–0.9 m. Alt? ‘CP’
- tradesantioides** (A.Berger) L.Bolus
Perennial. Succulent. Ht 0.01–0.25 m. Alt 400–1440 m. M, S, KZN, EC
- truteri** Lavis
Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt 1400–1800 m. EC
- uitenhagense** L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.15 m. Alt 20–450 m. EC
- uncinatum** L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt 20–450 m. EC
- uniflorum** L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt 500–1500 m. EC
- vandermerwei** L.Bolus
Perennial. Succulent. Ht 0.02–0.05 m. Alt 1300–1700 m. LIM
- velutinum** L.Bolus
Perennial. Dwarf shrub, succulent. Ht up to 0.05 m. Alt 1470–1530 m. KZN

verecundum L.Bolus

Perennial. Dwarf shrub, succulent. Ht up to 0.25 m.
Alt 20–765 m. EC

vernicolor L.Bolus

Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt
100–300 m. EC

versicolor L.Bolus

Perennial. Dwarf shrub, succulent. Ht up to 0.08 m.
Alt 850–1400 m. EC

vinaceum (L.Bolus) L.Bolus

Perennial. Dwarf shrub, succulent. Ht up to 0.03 m.
Alt? 'CP'

virens L.Bolus

Perennial. Shrub, succulent. Ht 0.2–0.45 m. Alt
600–1400 m. WC

vogtsii L.Bolus

Perennial. Dwarf shrub, succulent. Ht up to 0.15 m.
Alt 1200–1700 m. G

waterbergense L.Bolus

Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt
1500–1800 m. LIM

wethamae L.Bolus

Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt
1700–3400 m. FS, L

wilmaniae Lavis

Perennial. Dwarf shrub, succulent. Ht up to 0.15 m.
Alt 1000–1140 m. NC

wiumii Lavis as 'wiumii'

Perennial. Dwarf shrub, succulent. Ht up to 0.08 m.
Alt ± 3100 m. FS

zeederbergii L.Bolus

Perennial. Dwarf shrub, succulent. Ht up to 0.17 m.
Alt ± 1500 m. M

zoeae L.Bolus

Perennial. Herb, succulent. Ht 0.15–0.25 m. Alt
1000–1400 m. NC

zoutpansbergense L.Bolus

Perennial. Dwarf shrub, succulent. Ht up to 0.1 m. Alt
1500–1730 m. LIM

DICROCAULON N.E.Br. 2405034

(1) Ihlenfeldt *et al.* 1978. *Mitteilungen aus dem Institut für Allgemeine Botanik, Hamburg* 16: 171–181.

(2) Ihlenfeldt. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 211–214.

brevifolium N.E.Br.

Perennial. Succulent. Ht up to 0.15 m. Alt 175–350 m.
WC

grandiflorum Ihlenf.

Monilaria brevifolia L.Bolus (1)

Perennial. Succulent. Ht up to 0.5 m. Alt 170–300 m.
WC

humile N.E.Br.

Perennial. Succulent. Ht up to 0.05 m. Alt 250–350 m.
WC

microstigma (L.Bolus) Ihlenf.

Meyerophytum microstigma (L.Bolus) L.Bolus (1)

Meyerophytum primosii (L.Bolus) L.Bolus (1)

Monilaria microstigma L.Bolus (1)

Perennial. Succulent. Ht up to 0.1 m. Alt 170–350 m.
WC

nodosum (A.Berger) N.E.Br.

D. pearsonii N.E.Br. (2)

Perennial. Succulent. Ht up to 0.4 m. Alt 250–350 m.
WC

pearsonii N.E.Br. = **D. nodosum**

ramulosum (L.Bolus) Ihlenf.

Perennial. Succulent. Ht up to 0.2 m. Alt 20–540 m.
NC

spissum N.E.Br.

Perennial. Succulent. Ht up to 0.3 m. Alt up to 400 m.
NC

trichotomum (Thunb.) N.E.Br. = **Phyllobolus trichotomus**

DIDYMAOTUS N.E.Br. 2405035

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 215.

lapidiformis (Marloth) N.E.Br.

Perennial. Succulent. Ht up to 0.06 m. Alt 630–910 m.
WC

DINTERANTHUS Schwantes 2405036

(1) Sauer. 1975. *Aloe* 13: 9–24.

(2) Sauer. 1978. *The Flowering Plants of Africa* 45: tt. 1778A–1779B, 1780A, 1780B.

(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 215–217.

inexpectatus Dinter ex H.Jacobsen

D. wilmotianus L.Bolus subsp. *impunctatus* N.Sauer (3)

Perennial. Succulent. Ht up to 0.03 m. Alt 910–1030
m. N

microspermus (Dinter & Derenb.) Schwantes subsp. **impunctatus** N.Sauer

Perennial. Succulent. Ht? Alt? N

microspermus (Dinter & Derenb.) Schwantes subsp. **microspermus**

D. microspermus (Dinter & Derenb.) Schwantes var. *acutipetalus* L.Bolus (3)

Perennial. Succulent. Ht? Alt? N

microspermus (Dinter & Derenb.) Schwantes subsp. *puberulus* (N.E.Br.) N.Sauer = **D. puberulus**

microspermus (Dinter & Derenb.) Schwantes var. *acutipetalus* L.Bolus = **D. microspermus** subsp. **microspermus**

pole-evansii (N.E.Br.) Schwantes

Perennial. Succulent. Ht up to 0.03 m. Alt 910–1100
m. NC

puberulus N.E.Br.

D. microspermus (Dinter & Derenb.) Schwantes subsp. *puberulus* (N.E.Br.) N.Sauer (3)

D. punctatus L.Bolus (3)

Perennial. Succulent. Ht up to 0.07 m. Alt 870–930 m.
NC

punctatus L.Bolus = **D. puberulus**

vanzylia (L.Bolus) Schwantes

D. vanzylia (L.Bolus) Schwantes var. *lineatus* H.Jacobsen (2)

Lithops vanzylia L.Bolus (1)

Perennial. Succulent. Ht up to 0.02 m. Alt 870–930 m.
NC

vanzylia (L.Bolus) Schwantes var. *lineatus* H.Jacobsen = **D. vanzylia**

wilmotianus L.Bolus

Perennial. Succulent. Ht up to 0.05 m. Alt 800–960 m.
NC
wilmotianus L.Bolus subsp. *impunctatus* N.Sauer = **D. inexpectatus**

DIPLOSOMA Schwantes 2405037

- (1) Ihlenfeldt 1988. *Beiträge zur Biologie der Pflanzen* 63: 375–401.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 218, 219.

leipoldtii L.Bolus = **D. retroversum**

luckhoffii (L.Bolus) Schwantes ex Ihlenf.

Maughaniella luckhoffii (L.Bolus) L.Bolus (2)

Perennial. Succulent. Ht up to 0.03 m. Alt 100–270 m.
WC

retroversum (Kensit) Schwantes

D. leipoldtii L.Bolus (1)

Perennial. Succulent. Ht up to 0.02 m. Alt 300–450 m.
WC

DISPHYMA N.E.Br. 2405038

- (1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 276.
(2) Hartmann. 1999. *Bradleya* 17: 38–74.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 220, 221.

crassifolium (L.) L.Bolus

Perennial. Succulent. Ht up to 0.04 m. Alt 5–50 m.
WC, EC

dunsdonii L.Bolus

Perennial. Succulent. Ht up to 0.05 m. Alt 30–160 m.
WC

DOROTHEANTHUS Schwantes 2405039

- (1) Bolus. 1962. *The Flowering Plants of Africa* 35: t. 1365.
(2) Ihlenfeldt & Struck. 1986. *Beiträge zur Biologie der Pflanzen* 61: 411–453.
(3) Brusse. 1996. *Bradleya* 14: 89.
(4) Struck. 1998. *Feddes Repertorium* 109: 5, 6.
(5) Struck & Hartmann. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 222–225.

acuminatus L.Bolus = **D. bellidiformis** subsp. **bellidiformis**

apetalus (L.f.) N.E.Br.

D. gramineus (Haw.) Schwantes (4)

Annual. Succulent. Ht up to 0.04 m. Alt 40–320 m.
WC

bellidiformis (Burm.f.) N.E.Br. subsp. **bellidiformis**

D. acuminatus L.Bolus (2)

D. bidouwensis L.Bolus (2)

D. flos-solis (A.Berger) L.Bolus (2)

D. hallii L.Bolus (2)

D. littlewoodii L.Bolus (2)

D. lutens N.E.Br. (2)

D. muiri L.Bolus, as ‘*muirii*’ (2)

D. oculatus N.E.Br. var. *oculatus* (2)

D. oculatus N.E.Br. var. *saldhanensis* L.Bolus (2)

D. stayneri L.Bolus (2)

Drosanthemum martinii L.Bolus (2)

Annual. Succulent. Ht up to 0.1 m. Alt up to 450 m.
NC, WC

bellidiformis (Burm.f.) N.E.Br. subsp. **hestermalensis** Ihlenf. & Struck

Annual. Succulent. Ht up to 0.01 m. Alt up to 1200 m.
NC

bidouwensis L.Bolus = **D. bellidiformis** subsp. **bellidiformis**

booyensii L.Bolus

Annual. Succulent. Ht up to 0.03 m. Alt 800–1800 m.
NC

clavatus (Haw.) Struck

D. gramineus (Haw.) Schwantes forma *albus* (Haw.) G.D.Rowley (5)

D. gramineus (Haw.) Schwantes forma *roseus* (Haw.) G.D.Rowley (5)

D. tricolor (Willd.) L.Bolus (5)

Annual. Succulent. Ht up to 0.04 m. Alt 100–930 m.
WC

flos-solis (A.Berger) L.Bolus = **D. bellidiformis** subsp. **bellidiformis**

gramineus (Haw.) Schwantes = **D. apetalus**

gramineus (Haw.) Schwantes forma *albus* (Haw.) G.D.Rowley = **D. clavatus**

gramineus (Haw.) Schwantes forma *roseus* (Haw.) G.D.Rowley = **D. clavatus**

hallii L.Bolus = **D. bellidiformis** subsp. **bellidiformis**

littlewoodii L.Bolus = **D. bellidiformis** subsp. **bellidiformis**

lutens N.E.Br. = **D. bellidiformis** subsp. **bellidiformis**

maughanii (N.E.Br.) Ihlenf. & Struck

Pherolobus maughanii N.E.Br. var. *maughanii* (2)

Pherolobus maughanii N.E.Br. var. *stayneri* L.Bolus (2)

Annual. Succulent. Ht up to 0.04 m. Alt 900–1600 m.
NC

muiri L.Bolus, as ‘*muirii*’ = **D. bellidiformis** subsp. **bellidiformis**

oculatus N.E.Br. var. *oculatus* = **D. bellidiformis** subsp. **bellidiformis**

oculatus N.E.Br. var. *saldhanensis* L.Bolus = **D. bellidiformis** subsp. **bellidiformis**

rourkei L.Bolus

Sineoperculum rourkei (L.Bolus) Van Jaarsv. (4)

Annual. Succulent. Ht up to 0.06 m, when in flower.
Alt 100–320 m. NC, WC

stayneri L.Bolus = **D. bellidiformis** subsp. **bellidiformis**

tricolor (Willd.) L.Bolus = **D. clavatus**

ulularis Brusse

Annual. Succulent. Ht up to 0.12 m. Alt 50–100 m.
WC

DRACOPHILUS (Schwantes) 2405040
Dinter & Schwantes

- (1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 273.

- (2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 225, 226.

dealbatus (N.E.Br.) Walgate

D. montis-draconis (Dinter) Dinter & Schwantes (2)

D. proximus (L.Bolus) Walgate (2)

Juttadinteria proxima L.Bolus (2)

Perennial. Succulent. Ht up to 0.8 m. Alt 50–350 m. N,
NC

delatianus (Dinter) Dinter & Schwantes

Perennial. Succulent. Ht up to 0.12 m. Alt 50–1000 m.
N

montis-draconis (Dinter) Dinter & Schwantes = **D. dealbatus**

proximus (L.Bolus) Walgate = **D. dealbatus**

DROSANTHEMOPSIS Rauschert 2405167*salaria* (L.Bolus) Rauschert = **Jacobsenia vaginata***vaginata* (L.Bolus) Rauschert = **Jacobsenia vaginata****DROSANTHEMUM** Schwantes 2405041

- (1) Bolus. 1951. *The Flowering Plants of Africa* 28: tt. 1106, 1107.
- (2) Bolus. 1953. *The Flowering Plants of Africa* 29: t. 1152.
- (3) Niesler. 1997. *Bradleya* 15: 13–27.
- (4) Hartmann. 1999. *Bradleya* 17: 38–74.
- (5) Hartmann & Bruckmann. 2000. *Bradleya* 18: 75–112.
- (6) Hartmann *et al.* 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 227–250.
- (7) Hartmann. 2002. *Bradleya* 20: 121–147.

acuminatum L.Bolus

Perennial. Succulent. Ht up to 0.2 m. Alt 550–890 m. WC

acutifolium (L.Bolus) L.Bolus

Perennial. Succulent. Ht up to 0.07 m. Alt 180–750 m. WC

albans L.Bolus*D. littlewoodii* L.Bolus (6)

Perennial. Succulent. Ht up to 0.09 m. Alt up to 1200 m. N, NC

albiflorum (L.Bolus) Schwantes

Perennial. Succulent. Ht up to 0.15 m. Alt 150–280 m. WC

ambiguum L.Bolus

Perennial. Succulent. Ht up to 0.5 m. Alt 50–360 m. WC

anomalum L.Bolus

Perennial. Succulent. Ht up to 0.02 m. Alt 200–650 m. WC

archeri L.Bolus

Perennial. Succulent. Ht up to 0.1 m. Alt 800–1100 m. WC

attenuatum (Haw.) Schwantes*Mesembryanthemum attenuatum* Haw. (6)

Perennial. Succulent. Ht ± 0.25 m. Alt 300–600 m. WC

aureopurpureum L.Bolus

Perennial. Succulent. Ht up to 0.2 m. Alt 170–450 m. WC

austriicola L.Bolus

Perennial. Succulent. Ht up to 0.15 m. Alt 20–220 m. WC

autumnale L.Bolus

Perennial. Succulent. Ht up to 0.45 m. Alt 10–75 m. WC

barkeriae L.Bolus

Perennial. Succulent. Ht 0.3–0.6 m. Alt 400–750 m. WC

barwickii L.Bolus = **D. subcompressum****bellum** L.Bolus

Perennial. Succulent. Ht up to 0.3 m. Alt 300–580 m. WC

bicolor L.Bolus

Perennial. Succulent. Ht up to 0.9 m. Alt 490–850 m. WC

breve L.Bolus

Perennial. Succulent. Ht up to 0.08 m. Alt up to 1200 m. NC

brevifolium (Aiton) Schwantes*Mesembryanthemum brevifolium* Aiton (6)

Perennial. Succulent. Ht up to 0.25 m. Alt 180–300 m. WC

calycinum (Haw.) Schwantes*Mesembryanthemum calycinum* Haw. (6)

Perennial. Succulent. Ht up to 0.25 m. Alt 300–550 m. WC

candens (Haw.) Schwantes*Mesembryanthemum candens* Haw. (6)

Perennial. Succulent. Ht up to 0.2 m. Alt 30–330 m. EC

capillare (Thunb.) Schwantes*D. subglobosum* (Haw.) Schwantes (6)

Perennial. Succulent. Ht? Alt 100–290 m. WC, EC

cereale L.Bolus

Perennial. Succulent. Ht up to 0.15 m. Alt 500–750 m. WC

chrysum L.Bolus

Perennial. Succulent. Ht? Alt 750–1100 m. WC

collinum (Sond.) Schwantes*Mesembryanthemum collinum* Sond. (6)

Perennial. Succulent. Ht up to 0.3 m. Alt 300–550 m. WC

comptonii L.Bolus

Perennial. Succulent. Ht up to 0.17 m. Alt 900–1100 m. WC

concovum L.Bolus

Perennial. Succulent. Ht up to 0.05 m. Alt 1000–1600 m. NC

crassum L.Bolus

Perennial. Succulent. Ht up to 0.26 m. Alt 800–1100 m. WC

croceum L.Bolus

Perennial. Succulent. Ht up to 0.15 m. Alt 700–1600 m. WC

curtophyllum L.Bolus

Perennial. Succulent. Ht 0.1–0.3 m. Alt 30–450 m. NC

cymiferum L.Bolus

Perennial. Succulent. Ht up to 0.1 m. Alt 500–1000 m. NC, WC

deciduum H.E.K.Hartmann & Bruckmann

Perennial. Succulent. Ht up to 0.3 m. Alt 250–320 m. WC

dejagerae L.Bolus

Perennial. Succulent. Ht up to 0.15 m. Alt 800–1200 m. WC

delicatulum (L.Bolus) Schwantes

Perennial. Succulent. Ht up to 0.1 m. Alt 250–550 m. WC

dipageae H.E.K.Hartmann

Perennial. Succulent. Ht up to 0.6 m. Alt? EC

diversifolium L.Bolus*D. subalbum* L.Bolus (7)

Perennial. Succulent. Ht up to 0.12 m. Alt up to 1200 m. WC

duplessiae L.Bolus

Perennial. Succulent. Ht up to 0.2 m. Alt 400–900 m. WC

eburneum L.Bolus

- Perennial. Succulent. Ht up to 0.05 m. Alt 1000–1700 m. NC
- edwardsiae** L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 50–350 m. WC
- erigeriflorum** (Jacq.) Stearn
Perennial. Succulent. Ht up to 0.6 m. Alt? ‘SA’
- expersum** (N.E.Br.) Schwantes
Delosperma expersum (N.E.Br.) L.Bolus var. *decumbens* L.Bolus (6)
Delosperma expersum (N.E.Br.) L.Bolus var. *expersum* (6)
Perennial. Succulent. Ht 0.16–0.33 m. Alt 950–1500 m. NC
- filiforme** L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt up to 1200 m. NC
- flammeum** L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 350–730 m. WC
- flavum** (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.15 m. Alt? ‘CP’
- floribundum** (Haw.) Schwantes
D. torquatum (Haw.) Schwantes (6)
Mesembryanthemum floribundum Haw. (6)
Perennial. Succulent. Ht up to 0.3 m. Alt 20–100 m. WC
- fourcadei** (L.Bolus) Schwantes
Perennial. Succulent. Ht up to 0.22 m. Alt 220–860 m. EC
- framesii** L.Bolus
Perennial. Succulent. Ht 0.07–0.08 m. Alt 500–850 m. WC
- fulleri** L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 1000–1150 m. NC
- giffenii** (L.Bolus) Schwantes
D. giffenii (L.Bolus) Schwantes var. *intertextum* (L.Bolus) Schwantes (6)
Perennial. Succulent. Ht up to 0.1 m. Alt 500–850 m. WC
- giffenii* (L.Bolus) Schwantes var. *intertextum* (L.Bolus) Schwantes = **D. giffenii**
- glabrescens** L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 900–1500 m. NC
- globosum** L.Bolus
Perennial. Succulent. Ht up to 0.45 m. Alt 500–750 m. WC
- godmaniae** L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt up to 1200 m. NC
- gracillimum** L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 890–1250 m. WC
- hallii** L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 300–580 m. WC
- hirtellum** (Haw.) Schwantes
Mesembryanthemum hirtellum Haw. (6)
Perennial. Succulent. Ht up to 0.3 m. Alt? ‘SA’
- hispidum** (L.) Schwantes
D. hispidum (L.) Schwantes var. *platypetalum* (Haw.) Schwantes (6)
Mesembryanthemum hispidum L. (6)
Perennial. Succulent. Ht 0.3–0.6 m. Alt up to 1600 m. N, FS, NC, WC, EC
- hispidum* (L.) Schwantes var. *platypetalum* (Haw.) Schwantes = **D. hispidum**
- hispidifolium** (Haw.) Schwantes
D. striatum (Haw.) Schwantes var. *hispidifolium* (Haw.) G.D.Rowley (6)
Perennial. Succulent. Ht up to 0.3 m. Alt 200–350 m. WC
- inornatum** (L.Bolus) L.Bolus
Trichodiadema inornatum L.Bolus (8)
Perennial. Succulent. Ht up to 0.3 m. Alt 450–1000 m. N, NC
- insolitum** L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt ± 650 m. WC
- intermedium** (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.05 m. Alt 20–100 m. WC
- jamesii** L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 990–1500 m. EC
- karrooense** L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 800–1100 m. WC
- latipetalum** L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 250–1200 m. WC
- lavisii** L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 50–390 m. WC
- laxum** L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt 215–300 m. WC
- leipoldtii** L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 300–980 m. WC
- leptum** L.Bolus
Perennial. Succulent. Ht 0.22–0.35 m. Alt 215–300 m. WC
- lignosum** L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt 500–800 m. WC
- lique** (N.E.Br.) Schwantes
Perennial. Succulent. Ht up to 0.6 m. Alt 760–1900 m. EC
- littlewoodii* L.Bolus = **D. albens**
- longipes** (L.Bolus) H.E.K.Hartmann
Delosperma grandiflorum L.Bolus (6)
Delosperma longipes L.Bolus (6)
Perennial. Succulent. Ht 0.2–0.6 m. Alt 240–1100 m. WC
- luederitzii** (Engl.) Schwantes
D. paxianum (Schltr. & Diels) Schwantes (6)
Mesembryanthemum luederitzii Engl. (6)
Mesembryanthemum paxianum Schltr. & Diels (6)
Perennial. Succulent. Ht 0.1–0.15 m. Alt 5–50 m. N, NC, WC

- macrocalyx** L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 500–1100 m.
WC
- maculatum** (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.6 m. Alt? ‘CP’
- marinum** L.Bolus
Perennial. Succulent. Ht up to 0.09 m. Alt 5–100 m.
WC
- martinii** L.Bolus = **Dorotheanthus bellidiformis** subsp. **bellidiformis**
- mathewsii** L.Bolus
Perennial. Succulent. Ht up to 0.08 m. Alt 170–220 m.
WC
- micans** (L.) Schwantes
Mesembryanthemum micans L. (6)
Perennial. Succulent. Ht up to 0.3 m. Alt 150–300 m.
WC
- montaguense** L.Bolus = **D. praecultum**
- muiri** L.Bolus, as ‘*muirii*’
Perennial. Succulent. Ht up to 0.4 m. Alt 150–280 m.
WC
- nitidum** (Haw.) Schwantes = **Phyllobolus nitidus**
- nordenstamii** L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt 20–450 m. N
- oculatum** L.Bolus
Perennial. Succulent. Ht up to 0.09 m. Alt 173–428 m.
WC
- opacum** L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 250–300 m.
WC
- otzenianum** (Dinter) Friedrich = **Lampranthus otzenianus**
- pallens** (Haw.) Schwantes
D. striatum (Haw.) Schwantes var. *pallens* (Haw.) G.D.Rowley (6)
Perennial. Succulent. Ht up to 0.3 m. Alt 300–550 m.
WC
- papillatum** L.Bolus
Delosperma papillatum (L.Bolus) L.Bolus (6)
Perennial. Succulent. Ht up to 0.2 m. Alt ± 300 m. WC
- parvifolium** (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.15 m. Alt 560–640 m.
WC
- pauper** (Dinter) Dinter & Schwantes
Perennial. Succulent. Ht up to 0.3 m. Alt 250–800 m.
N
- paxianum** (Schltr. & Diels) Schwantes = **D. luederitzii**
- pickhardii** L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 500–800 m.
WC
- praecultum** (N.E.Br.) Schwantes
D. montaguense L.Bolus (6)
Perennial. Succulent. Ht up to 0.17 m. Alt 200–550 m.
WC
- prostratum** L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 300–700 m.
WC
- pulchellum** L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 300–700 m.
WC
- pulchrum** L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 300–500 m.
WC
- pulverulentum** (Haw.) Schwantes
D. roseatum (N.E.Br.) L.Bolus (6)
Mesembryanthemum pulverulentum Haw. (6)
Ruschia comptonii L.Bolus (6)
Perennial. Succulent. Ht up to 0.15 m. Alt? WC
- ramosissimum** (Schltr.) L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 200–330 m.
WC
- robustum** L.Bolus = **Delosperma crassum**
- roridum** L.Bolus = **D. subcompressum**
- roseatum** (N.E.Br.) L.Bolus = **D. pulverulentum**
- salicola** L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 300–980 m.
WC
- schoenlandianum** (Schltr.) L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 200–330 m.
WC
- semiglobosum** L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 850–950 m.
WC
- sessile** (Thunb.) Schwantes = **Ruschia sessilis**
- speciosum** (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.6 m. Alt 85–500 m.
WC
- splendens** L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 500–750 m.
WC
- stokoei** L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 30–400 m.
WC
- striatum** (Haw.) Schwantes
Mesembryanthemum striatum Haw. (6)
Perennial. Succulent. Ht up to 0.3 m. Alt 300–500 m.
WC
- striatum** (Haw.) Schwantes var. *hispifolium* (Haw.) G.D.Rowley = **D. hispifolium**
- striatum** (Haw.) Schwantes var. *pallens* (Haw.) G.D.Rowley = **D. pallens**
- strictifolium** L.Bolus
Perennial. Succulent. Ht 0.2–0.3 m. Alt? WC?
- subalbum** L.Bolus = **D. diversifolium**
- subclausum** L.Bolus
Perennial. Succulent. Ht 0.13–0.16 m. Alt 470–700 m.
NC
- subcompressum** (Haw.) Schwantes
D. barwickii L.Bolus (6)
D. roridum L.Bolus (6)
Mesembryanthemum subcompressum Haw. (6)
Perennial. Succulent. Ht up to 0.7 m. Alt 500–750 m.
WC
- subglobosum** (Haw.) Schwantes = **D. capillare**
- subplanum** L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 800–1600 m. WC
- subspinosa** (Kuntze) H.E.K.Hartmann
Perennial. Succulent. Ht? Alt 990–1800 m. EC

tardum L.Bolus

Perennial. Succulent. Ht up to 0.25 m. Alt 190–350 m.
NC

thudichumii L.Bolus

D. thudichumii L.Bolus var. *gracilius* L.Bolus forma *aurantiaca*
L.Bolus (6)

D. thudichumii L.Bolus var. *gracilius* L.Bolus forma *aurea* L.Bolus (6)
D. thudichumii L.Bolus var. *gracilius* L.Bolus forma *gracilius* (6)

Perennial. Succulent. Ht up to 0.9 m. Alt 300–600 m.
WC

thudichumii L.Bolus var. *gracilius* L.Bolus forma
aurantiaca L.Bolus = **D. thudichumii**

thudichumii L.Bolus var. *gracilius* L.Bolus forma *aurea*
L.Bolus = **D. thudichumii**

thudichumii L.Bolus var. *gracilius* L.Bolus forma *gracilius* = **D. thudichumii**

torquatum (Haw.) Schwantes = **D. floribundum**

tuberculiferum L.Bolus

Perennial. Succulent. Ht up to 0.25 m. Alt 300–600 m.
WC

uniflorum (L.Bolus) Friedrich ex H.Jacobsen = **Lampranthus uniflorus**

vaginatum L.Bolus = **Jacobsenia vaginata**

vandermerwei L.Bolus

Perennial. Succulent. Ht up to 0.25 m. Alt 190–350 m.
WC

vespertinum L.Bolus

D. vespertinum L.Bolus var. *suffusum* L.Bolus (6)

Perennial. Succulent. Ht up to 0.3 m. Alt 500–980 m.
WC

vespertinum L.Bolus var. *suffusum* L.Bolus = **D. vespertinum**

wittebergense L.Bolus

Perennial. Succulent. Ht up to 0.25 m. Alt ± 1100 m.
WC

worcesterense L.Bolus

Perennial. Succulent. Ht 0.2–0.28 m. Alt 300–600 m.
WC

zygophylloides (L.Bolus) L.Bolus

Perennial. Succulent. Ht up to 0.14 m. Alt 300–590 m.
WC

EBERLANZIA Schwantes 2405042

- (1) Hartmann & Stüber. 1993. *Contributions from the Bolus Herbarium* 15: 1–75.
- (2) Hartmann. 1998. *Bothalia* 28: 67–82.
- (3) Hartmann. 1998. *Bradleya* 16: 44–91.
- (4) Hartmann. 1999. *Bradleya* 17: 38–74.
- (5) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 250–254.

aculeata (N.E.Br.) Schwantes = **Ruschia spinosa**

albertensis (L.Bolus) L.Bolus = **Ruschia spinosa**

armata (L.Bolus) L.Bolus = **Arenifera stylosa**

clausa (Dinter) Schwantes

Mesembryanthemum clausum Dinter (3)

Perennial. Succulent. Ht up to 0.5 m. Alt up to 1000 m.
N

cradockensis (Kuntze) Schwantes = **Ruschia cradockensis** subsp. **cradockensis**

cyathiformis (L.Bolus) H.E.K.Hartmann

Ruschia cyathiformis L.Bolus (3)

Perennial. Succulent. Ht up to 0.4 m. Alt 50–850 m. N,
NC

dichotoma (L.Bolus) H.E.K.Hartmann

Ruschia dichotoma L.Bolus (3)

Ruschia milleflora L.Bolus (3)

Perennial. Succulent. Ht up to 0.35 m. Alt 350–1000
m. NC

disarticulata (L.Bolus) L.Bolus = **Antimima hantamensis**

divaricata (L.Bolus) L.Bolus = **Ruschia divaricata**

ebracteata (L.Bolus) H.E.K.Hartmann

Ruschia ebracteata L.Bolus (3)

Ruschia namaquana L.Bolus var. *quinqueflora* L.Bolus (3)

Perennial. Succulent. Ht up to 0.25 m. Alt 250–1000
m. N, NC

ferox (L.Bolus) L.Bolus = **Ruschia intricata**

globularis (L.Bolus) L.Bolus = **Ruschia spinosa**

gravida (L.Bolus) H.E.K.Hartmann

Ruschia gravida L.Bolus (3)

Perennial. Succulent. Ht up to 0.35 m. Alt 500–950 m.
NC

horrescens (L.Bolus) L.Bolus = **Ruschia cradockensis**
subsp. **cradockensis**

horrescens (L.Bolus) L.Bolus var. *densa* (L.Bolus)
H.Jacobsen, invalid name = **Ruschia cradockensis**
subsp. **cradockensis**

horrida (L.Bolus) L.Bolus = **Ruschia cradockensis**
subsp. **cradockensis**

hospitalis (Dinter) Schwantes = **Ruschia spinosa**

intricata (N.E.Br.) Schwantes = **Ruschia intricata**

macroura (L.Bolus) L.Bolus = **Ruschia spinosa**

micrantha (Pax) Schwantes = **Ruschia spinosa**

mucronifera (Haw.) Schwantes = **Ruschia spinosa**

munita (L.Bolus) Schwantes = **Ruschia intricata**

parvibracteata (L.Bolus) H.E.K.Hartmann

Mesembryanthemum parvibracteatum (L.Bolus) N.E.Br. (3)

Ruschia parvibracteata L.Bolus (3)

Perennial. Succulent. Ht up to 0.3 m. Alt 200–1000 m.
NC

persistens (L.Bolus) L.Bolus = **Ruschia intricata**

puniens (L.Bolus) L.Bolus = **Ruschia intricata**

schneideriana (A.Berger) H.E.K.Hartmann

Mesembryanthemum floriferum N.E.Br. (3)

Mesembryanthemum lacunatum N.E.Br. (3)

Mesembryanthemum rugulosum A.Berger ex Range, naked name (3)

Mesembryanthemum schneiderianum A.Berger (3)

Ruschia hallowayana L.Bolus (3)

Ruschia hallowayana L.Bolus (4)

Ruschia pillansii L.Bolus (3)

Ruschia schneideriana (A.Berger) L.Bolus (3)

Ruschia spathulata L.Bolus (3)

Ruschia sphaerophylla Dinter, naked name (3)

Ruschia velutina L.Bolus (3)

Perennial. Succulent. Ht up to 0.5 m. Alt 190–850 m.
N, NC

sedoides (Dinter & A.Berger) Schwantes

Mesembryanthemum cleistum (L.Bolus) N.E.Br. (3)

Mesembryanthemum crassulifolium (L.Bolus) N.E.Br. (3)

Mesembryanthemum sedoides Dinter & A.Berger (1)

Ruschia cleista L.Bolus (3)

Ruschia crassuloides L.Bolus (3)

Ruschia sedoides (Dinter & A.Berger) Friedrich (1)

Perennial. Succulent. Ht up to 0.3 m. Alt 20–350 m. N, NC

spinosa (L.) Schwantes = **Ruschia spinosa**

stellata L.Bolus, naked name = **Antimima hantamensis**

stylosa (L.Bolus) L.Bolus = **Arenifera stylosa**

tatasbergensis L.Bolus = **Ruschia divaricata**

triticiformis (L.Bolus) L.Bolus = **Ruschia cradoekensis** subsp. **triticiformis**

triticiformis (L.Bolus) L.Bolus var. *subglobosa* L.Bolus = **Ruschia cradoekensis** subsp. **triticiformis**

vanheerdei L.Bolus = **Leipoldtia alborosea**

vulnerans (L.Bolus) L.Bolus = **Ruschia divaricata**

EBRACTEOLA Dinter & Schwantes 2405043

(1) Glen. 1986. *Bothalia* 16: 203–226.

(2) Hartmann. 1999. *Bradleya* 17: 38–74.

(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 254–257.

candida L.Bolus = **E. derenbergiana**

derenbergiana (Dinter) Dinter & Schwantes

E. candida L.Bolus (3)

Mesembryanthemum derenbergiana Dinter (3)

Ruschia derenbergiana (Dinter) C. Weber (3)

Perennial. Succulent. Ht up to 0.06 m. Alt 250–1200 m. N, NC

fulleri (L.Bolus) Glen

Ruschia fulleri L.Bolus (3)

Perennial. Succulent. Ht up to 0.05 m. Alt 940–1100 m. N, NC

montis-moltkei (Dinter) Dinter & Schwantes

Mesembryanthemum montis-moltkei Dinter (3)

Perennial. Succulent. Ht up to 0.06 m. Alt 1600–2100 m. N

wilmaniae (L.Bolus) Glen

Ruschia wilmaniae (L.Bolus) L.Bolus var. *angustifolia* L.Bolus (1)

Ruschia wilmaniae (L.Bolus) L.Bolus var. *vermeuleniae* (L.Bolus) L.Bolus (1)

Ruschia wilmaniae (L.Bolus) L.Bolus var. *wilmaniae* (1)

Perennial. Succulent. Ht up to 0.1 m. Alt 700–1600 m. NW, FS, NC

ECHINUS L.Bolus 2405143

apiculatus (Kensit) L.Bolus = **Braunsia apiculata**

edentulus (Haw.) N.E.Br. = **Ruschia edentula**

ECTOTROPIS N.E.Br. 2405044

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 257.

alpina N.E.Br.

Perennial. Succulent. Ht up to 0.03 m. Alt ± 2000 m. EC

ENARGANTHE N.E.Br. 2405045

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 271.

(2) Hartmann. 1999. *Bradleya* 17: 38–74.

(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 258.

octonaria (L.Bolus) N.E.Br.

Mesembryanthemum octonarium L.Bolus (3)

Ruschia octonaria (L.Bolus) G.D.Rowley (3)

Perennial. Succulent. Ht up to 0.45 m. Alt 420–700 m. NC

EREPSIA N.E.Br. 2405046

(1) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 110.

(2) Phillips. 1927. *The Flowering Plants of South Africa* 7: tt. 254, 270.

(3) Bolus. 1949. *The Flowering Plants of Africa* 27: t. 1065.

(4) Bolus. 1959. *The Flowering Plants of Africa* 33: t. 1286.

(5) Liede. 1989. *Beiträge zur Biologie der Pflanzen* 65: 1–98.

(6) Bruyns. 1997. *South African Journal of Botany* 63: 241.

(7) Hartmann. 1998. *Bradleya* 16: 44–91.

(8) Hartmann. 1999. *Bradleya* 17: 38–74.

(9) Klak. 2000. *Bothalia* 30: 35–42.

(10) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 258–266.

anceps (Haw.) Schwantes

E. laxa L.Bolus (10)

Perennial. Succulent. Ht up to 0.3 m. Alt 30–450 m. WC

aperta L.Bolus

Perennial. Succulent. Ht up to 0.15 m. Alt 300–600 m. WC

aristata (L.Bolus) Liede & H.E.K.Hartmann

Ruschia aristata L.Bolus (8)

Perennial. Succulent. Ht up to 0.6 m. Alt 50–550 m. WC, EC

aspera (Haw.) L.Bolus

E. nudicaulis (A.Berger) H.Jacobsen (5)

E. restiophila L.Bolus (5)

E. tuberculata N.E.Br. (5)

Perennial. Succulent. Ht up to 0.4 m. Alt 0–2000 m. WC

babiloniae Liede

Perennial. Succulent. Ht up to 0.2 m. Alt 300–650 m. WC

bracteata (Aiton) Schwantes

E. racemosa (N.E.Br.) Schwantes (10)

E. radiata (Haw.) Schwantes (10)

Perennial. Succulent. Ht up to 0.5 m. Alt 50–550 m. WC

bracteata (Aiton) Schwantes × **E. anceps** (Haw.) Schwantes

E. caledonica L.Bolus (10)

E. compressa (Haw.) Schwantes (10)

Perennial. Succulent. Ht? Alt? WC

bracteata (Aiton) Schwantes × **E. ramosa** L.Bolus

Perennial. Succulent. Ht? Alt? 'SA'

brevipetala L.Bolus

Perennial. Succulent. Ht up to 0.7 m. Alt 30–265 m. WC

caledonica L.Bolus = **E. bracteata** × **E. anceps**

carterae L.Bolus var. *carterae* = **E. gracilis**

carterae L.Bolus var. *lepta* L.Bolus = **E. gracilis**

compressa (Haw.) Schwantes = **E. bracteata** × **E. anceps**

distans L.Bolus

Perennial. Succulent. Ht up to 0.7 m. Alt 500–850 m. WC

dubia Liede

Perennial. Succulent. Ht up to 0.4 m. Alt 190–250 m. WC

dunensis (Sond.) Klak

Perennial. Succulent. Ht up to 0.06 m. Alt 20–380 m. WC

esterhuyseniae L.Bolus

Perennial. Succulent. Ht up to 0.15 m. Alt 1600–2080 m. WC

forficata (L.) Schwantes*E. mutabilis* (Haw.) Schwantes (10)*Ruschia filamentosa* (L.) L.Bolus (8)*Ruschia forficata* (L.) L.Bolus (6)Perennial. Succulent. Ht up to 0.3 m. Alt 300–900 m.
WC**gracilis** (Haw.) L.Bolus*E. carterae* L.Bolus var. *carterae* (10)*E. carterae* L.Bolus var. *lepta* L.Bolus (10)*E. levis* L.Bolus (10)*E. tenuicaulis* (A.Berger) H.Jacobsen (10)Perennial. Succulent. Ht up to 0.3 m. Alt 300–2000 m.
WC**hallii** L.BolusPerennial. Succulent. Ht up to 0.3 m. Alt 350–750 m.
WC**heteropetala** (Haw.) SchwantesPerennial. Succulent. Ht up to 0.2 m. Alt 400–1300 m.
WC**includens** (Haw.) SchwantesPerennial. Succulent. Ht up to 0.4 m. Alt 300–1300 m.
WC**insignis** (Schltr.) SchwantesPerennial. Succulent. Ht up to 0.15 m. Alt 1200–1700 m.
WC**lacera** (Haw.) Liede*Mesembryanthemum lacera* Haw. (5)*Semnanthe lacera* (Haw.) N.E.Br. var. *densipetala* L.Bolus (5)*Semnanthe lacera* (Haw.) N.E.Br. var. *lacera* (5)Perennial. Succulent. Ht up to 0.8 m. Alt 300–700 m.
WC*laxa* L.Bolus = **E. anceps***levis* L.Bolus = **E. gracilis***marlothii* N.E.Br. = **E. saturata***mutabilis* (Haw.) Schwantes = **E. forficata***nudicaulis* (A.Berger) H.Jacobsen = **E. aspera****oxysepala** (Schltr.) L.BolusPerennial. Succulent. Ht up to 0.3 m. Alt 200–1400 m.
WC*pageae* L.Bolus = **E. patula****patula** (Haw.) Schwantes*E. pageae* L.Bolus (10)Perennial. Succulent. Ht up to 0.3 m. Alt 200–500 m.
WC**pentagona** (L.Bolus) L.BolusPerennial. Succulent. Ht up to 0.4 m. Alt 500–1000 m.
WC**pillansii** (Kensit) Liede*Kensitia pillansii* (Kensit) Fedde (5)*Mesembryanthemum pillansii* Kensit (5)Perennial. Succulent. Ht up to 0.8 m. Alt 500–1000 m.
WC**polita** (L.Bolus) L.BolusPerennial. Succulent. Ht up to 0.25 m. Alt ± 350 m.
WC**polypetala** (A.Berger & Schltr.) L.BolusPerennial. Succulent. Ht up to 0.4 m. Alt 160–450 m.
WC**promontorii** L.BolusPerennial. Succulent. Ht up to 0.2 m. Alt 50–300 m.
WC*purpureostyla* (L.Bolus) Schwantes = **Acrodon purpureostylus***racemosa* (N.E.Br.) Schwantes = **E. bracteata***radiata* (Haw.) Schwantes = **E. bracteata****ramosa** L.Bolus*E. roseo-alba* L.Bolus (10)Perennial. Succulent. Ht up to 0.4 m. Alt 10–750 m.
WC*restiophila* L.Bolus = **E. aspera***roseo-alba* L.Bolus = **E. ramosa****saturata** L.Bolus*E. marlothii* N.E.Br. (10)Perennial. Succulent. Ht up to 0.4 m. Alt 700–1000 m.
WC*serrata* (L.) L.Bolus = **Circandra serrata****steytlerae** L.BolusPerennial. Succulent. Ht up to 0.4 m. Alt 300–650 m.
WC*tenuicaulis* (A.Berger) H.Jacobsen = **E. gracilis***tuberculata* N.E.Br. = **E. aspera****urbaniana** (Schltr.) SchwantesPerennial. Succulent. Ht up to 0.2 m. Alt 20–150 m.
WC**villiersii** L.BolusPerennial. Succulent. Ht up to 0.7 m. Alt 300–600 m.
WC*viridis* L.Bolus = **Smicrostigma viride****ESTERHUYSENIA** L.Bolus 2405047(1) Hartmann. 1991. *Contributions from the Bolus Herbarium* 13: 75–157.(2) Hartmann. 1998. *Bradleya* 16: 44–91.(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, A–E*: 267, 268.**alpina** L.Bolus*Lampranthus alpinus* (L.Bolus) G.D.Rowley (1)Perennial. Succulent. Ht up to 0.15 m. Alt 1700–2080 m.
WC**drepanophylla** (Schltr. & A.Berger) H.E.K.Hartmann*Lampranthus drepanophyllus* (Schltr. & A.Berger) N.E.Br. (2)*Mesembryanthemum drepanophyllum* Schltr. & A.Berger (2)*Mesembryanthemum mallesoniae* L.Bolus (2)*Ruschia drepanophylla* (Schltr. & A.Berger) L.Bolus (2)*Ruschia drepanophylla* (Schltr. & A.Berger) L.Bolus var. *sneeuber-*
gensis L.Bolus (2)*Ruschia mallesoniae* (L.Bolus) L.Bolus (2)Perennial. Succulent. Ht up to 0.15 m. Alt 600–1500 m.
WC**includens** (L.Bolus) H.E.K.Hartmann*Ruschia includens* L.Bolus (2)Perennial. Succulent. Ht up to 0.25 m. Alt 550–1000 m.
WC**stokoei** (L.Bolus) H.E.K.Hartmann*Mesembryanthemum stokoei* L.Bolus (2)*Ruschia thomae* L.Bolus var. *microstigma* L.Bolus (2)*Ruschia thomae* L.Bolus var. *thomae* (2)Perennial. Succulent. Ht up to 0.2 m. Alt 300–800 m.
WC**EURYSTIGMA** L.Bolus 2405048*clavatum* (L.Bolus) L.Bolus = **Mesembryanthemum eurystigmatum**

FAUCARIA Schwantes 2405049

- (1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 267.
 (2) Groen & Van der Maesen. 1999. *Bothalia* 29: 35–85.
 (3) Groen & Hartmann. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 23–26.

acutipetala L.Bolus = **F. felina**

albidens N.E.Br. = **F. bosscheana**

bosscheana (A.Berger) Schwantes

F. albidens N.E.Br. (2)

F. bosscheana (A.Berger) Schwantes var. *haagei* (Tischer) H.Jacobsen (2)

F. haagei Tischer (2)

F. kendrewensis L.Bolus (2)

F. paucidens N.E.Br. (2)

F. peersii L.Bolus (2)

Mesembryanthemum bosscheanum A.Berger (2)

Perennial. Succulent. Ht up to 0.03 m. Alt up to 980 m.
WC, EC

bosscheana (A.Berger) Schwantes var. *haagei* (Tischer) H.Jacobsen = **F. bosscheana**

britteniae L.Bolus

F. coronata L.Bolus (3)

F. felina (Weston) Schwantes subsp. *britteniae* (L.Bolus) L.E.Groen (3)

F. grandis L.Bolus (3)

F. smithii L. Bolus (3)

F. speciosa L.Bolus (3)

Perennial. Succulent. Ht up to 0.1 m. Alt 450–910 m.
EC

candida L.Bolus = **F. felina**

coronata L.Bolus = **F. britteniae**

cradockensis L.Bolus = **F. felina**

crassisejala L.Bolus = **F. felina**

duncanii L.Bolus = **F. felina**

felina (L.) Schwantes

F. acutipetala L.Bolus (2)

F. candida L.Bolus (2)

F. cradockensis L.Bolus (2)

F. crassisejala L.Bolus (2)

F. duncanii L.Bolus (2)

F. felina (L.) Schwantes var. *jamesii* L.Bolus (2)

F. jamesii L.Bolus ex Tischer, naked name (2)

F. kingiae L.Bolus (2)

F. latipetala L.Bolus (2)

F. laxipetala L.Bolus (2)

F. longidens L.Bolus (2)

F. longifolia L.Bolus (2)

F. lupina (Haw.) Schwantes (2)

F. militaris Tischer (2)

F. montana L.Bolus (2)

F. multidentis L.Bolus (2)

F. multidentis L.Bolus var. *paardeportensis* L.Bolus (2)

F. plana L.Bolus (2)

F. ryneveldiae L.Bolus (2)

F. uniondalensis L.Bolus (2)

Mesembryanthemum felinum (L.) Weston (2)

Mesembryanthemum lupinum Haw. (2)

Mesembryanthemum ringens L. var. *β.felinum* L. (2)

Perennial. Succulent. Ht up to 0.08 m. Alt 450–930 m.
WC, EC

felina (L.) Schwantes subsp. *tuberculosa* (Rolfe) L.E.Groen = **F. tuberculosa**

felina (L.) Schwantes var. *jamesii* L.Bolus = **F. felina**

felina (Weston) Schwantes subsp. *britteniae* (L.Bolus) L.E.Groen = **F. britteniae**

grandis L.Bolus = **F. britteniae**

gratiae L.Bolus

F. hooleae L.Bolus (2)

Perennial. Succulent. Ht up to 0.04 m. Alt 450–850 m.
EC

haagei Tischer = **F. bosscheana**

hooleae L.Bolus = **F. gratiae**

jamesii L.Bolus ex Tischer, naked name = **F. felina**

kendrewensis L.Bolus = **F. bosscheana**

kingiae L.Bolus = **F. felina**

latipetala L.Bolus = **F. felina**

laxipetala L.Bolus = **F. felina**

longidens L.Bolus = **F. felina**

longifolia L.Bolus = **F. felina**

lupina (Haw.) Schwantes = **F. felina**

militaris Tischer = **F. felina**

montana L.Bolus = **F. felina**

multidentis L.Bolus = **F. felina**

multidentis L.Bolus var. *paardeportensis* L.Bolus = **F. felina**

nemorosa L.Bolus ex L.E.Groen

Perennial. Succulent. Ht up to 0.05 m. Alt 450–900 m.
EC

paucidens N.E.Br. = **F. bosscheana**

peersii L.Bolus = **F. bosscheana**

plana L.Bolus = **F. felina**

ryneveldiae L.Bolus = **F. felina**

smithii L.Bolus = **F. britteniae**

speciosa L.Bolus = **F. britteniae**

subindurata L.Bolus = **F. subintegra**

subintegra L.Bolus

F. subindurata L.Bolus (2)

Perennial. Succulent. Ht up to 0.04 m. Alt 340–580 m.
EC

tigrina (Haw.) Schwantes

F. tigrina (Haw.) Schwantes forma *splendens* H.Jacobsen & G.D.Rowley (2)

Mesembryanthemum tigrinum Haw. (2)

Perennial. Succulent. Ht up to 0.08 m. Alt 550–920 m.
EC

tigrina (Haw.) Schwantes forma *splendens* H.Jacobsen & G.D.Rowley = **F. tigrina**

tuberculosa (Rolfe) Schwantes

F. felina (L.) Schwantes subsp. *tuberculosa* (Rolfe) L.E.Groen

Perennial. Succulent. Ht up to 0.07 m. Alt 520–980 m.
EC

uniondalensis L.Bolus = **F. felina**

FENESTRARIA N.E.Br. 2405050

(1) Hartmann. 1982. *Botanische Jahrbücher* 103: 145–183.

(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 26, 27.

rhopalophylla (Schltr. & Diels) N.E.Br. subsp. **aurantiaca** (N.E.Br.) H.E.K.Hartmann

Perennial. Succulent. Ht up to 0.04 m, when in flower.
Alt 20–250 m. N, NC

rhopalophylla (Schltr. & Diels) N.E.Br. subsp. **rhopalophylla**

Perennial. Succulent. Ht up to 0.04 m, when in flower.
Alt 20–250 m. N

FRITHIA N.E.Br. 2405051

- (1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 275.
 (2) Burgoyne et al. 2000. *Bothalia* 30: 1–7.
 (3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 27, 28.

humilis Burgoyne

F. pulchra N.E.Br. var. *minor* de Boer, illegitimate name (2)
 Perennial. Succulent. Ht up to 0.02 m. Alt 1400–1600 m. G, M

pulchra N.E.Br.

Perennial. Succulent. Ht up to 0.04 m. Alt 1500–1770 m. G, NW

pulchra N.E.Br. var. *minor* de Boer = **F. humilis**

GIBBAEUM N.E.Br. 2405052

- (1) Bolus. 1953. *The Flowering Plants of Africa* 29: t. 1153.
 (2) Nel. 1953. *The Gibbaeum Handbook*.
 (3) Glen. 1983. *The Flowering Plants of Africa* 47: t. 1865A.
 (4) Van Jaarsveld & Hammer. 1996. *Bradleya* 14: 14–16.
 (5) Frandsen. 1998. *Aloe* 35: 14–17.
 (6) Klak. 2000. In Goldblatt & Manning, *Strelitzia* 9: 243, 244.
 (7) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 35–41.

album N.E.Br.

G. album N.E.Br. forma *roseum* (N.E.Br.) G.D.Rowley (6)
 Perennial. Succulent. Ht up to 0.06 m. Alt 330–630 m.
 WC

album N.E.Br. forma *roseum* (N.E.Br.) G.D.Rowley =
G. album

angulipes (L.Bolus) N.E.Br.

Perennial. Succulent. Ht up to 0.1 m. Alt 200–590 m.
 WC

blackburniae L.Bolus = **G. heathii**

comptonii (L.Bolus) L.Bolus = **G. heathii**

cryptopodium (Kensit) L.Bolus = **G. nuciforme**

dispar N.E.Br.

Perennial. Succulent. Ht up to 0.06 m. Alt 490–730 m.
 WC

esterhuyseniae L.Bolus

Perennial. Succulent. Ht up to 0.08 m. Alt 300–450 m.
 WC

geminum N.E.Br.

Perennial. Succulent. Ht up to 0.06 m. Alt 540–730 m.
 WC

gibbosum (Haw.) N.E.Br.

G. luteoviride (Haw.) N.E.Br. (2)
G. marlothii N.E.Br. (2)
G. muirii N.E.Br. (2)
G. perviride (Haw.) N.E.Br. (2)

Perennial. Succulent. Ht up to 0.1 m. Alt 420–880 m.
 WC

haagei Schwantes var. *haagei* = **G. haaglenii**

haagei Schwantes var. *parviflorum* L.Bolus = **G. haaglenii**

haaglenii H.E.K.Hartmann

G. haagei Schwantes var. *haagei* (7)
G. haagei Schwantes var. *parviflorum* L.Bolus (7)

Perennial. Succulent. Ht up to 0.1 m. Alt 175–250 m.
 WC

heathii (N.E.Br.) L.Bolus

G. blackburniae L.Bolus (2)
G. comptonii (L.Bolus) L.Bolus (2)
G. heathii (N.E.Br.) L.Bolus var. *elevatum* (L.Bolus) L.Bolus (7)

G. heathii (N.E.Br.) L.Bolus var. *majus* (L.Bolus) L.Bolus (7)

G. luckhoffii (L.Bolus) L.Bolus (6)

Perennial. Succulent. Ht up to 0.06 m. Alt 430–700 m.
 WC

heathii (N.E.Br.) L.Bolus var. *elevatum* (L.Bolus) L.Bolus
 = **G. heathii**

heathii (N.E.Br.) L.Bolus var. *majus* (L.Bolus) L.Bolus
 = **G. heathii**

helmae L.Bolus = **G. nuciforme**

hortenseae (N.E.Br.) Thiede & Klak = **Muiria hortenseae**

johnstonii Van Jaarsv. & S.A.Hammer = **G. nebrownii**

luckhoffii (L.Bolus) L.Bolus = **G. heathii**

luteoviride (Haw.) N.E.Br. = **G. gibbosum**

marlothii N.E.Br. = **G. gibbosum**

molle N.E.Br. = **G. nuciforme**

muirii N.E.Br. = **G. gibbosum**

nebrownii Tischer

G. johnstonii Van Jaarsv. & S.A.Hammer (6)
Imitaria muirii N.E.Br. (7)

Perennial. Succulent. Ht up to 0.03 m. Alt 730–880 m.
 WC

nuciforme (Haw.) Glen & H.E.K.Hartmann

G. cryptopodium (Kensit) L.Bolus (7)
G. helmae L.Bolus (7)
G. molle N.E.Br. (7)

Perennial. Succulent. Ht up to 0.04 m. Alt 530–850 m.
 WC

pachypodium (Kensit) L.Bolus

Perennial. Succulent. Ht up to 0.15 m. Alt 400–490 m.
 WC

perviride (Haw.) N.E.Br. = **G. gibbosum**

petrense (N.E.Br.) Tischer

G. tischleri H.Wulff (7)

Perennial. Succulent. Ht up to 0.05 m. Alt 400–630 m.
 WC

pilosulum (N.E.Br.) N.E.Br.

Perennial. Succulent. Ht up to 0.03 m. Alt 400–580 m.
 WC

pubescens (Haw.) N.E.Br.

Perennial. Succulent. Ht up to 0.3 m. Alt 730–880 m.
 WC

schwantesii Tischer = **G. velutinum**

shandii N.E.Br.

Perennial. Succulent. Ht up to 0.3 m. Alt 700–850 m.
 WC

tischleri H.Wulff = **G. petrense**

velutinum (L.Bolus) Schwantes

G. schwantesii Tischer (6)

Perennial. Succulent. Ht up to 0.15 m. Alt 650–800 m.
 WC

GLOTTIPHYLLUM N.E.Br. 2405053

- (1) Hartmann & Gölling. 1993. *Bradleya* 11: 1–49.
 (2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 42–47.

album L.Bolus, naked name

angustum (Haw.) N.E.Br. = **G. cruciatum**

apiculatum N.E.Br. = **G. cruciatum**

armoedense Schwantes = **G. cruciatum**

arrectum N.E.Br. = **G. surrectum**

barrydalense Schwantes = **G. depressum**

buffelsvleyense Schwantes = **G. depressum**

carnosum N.E.Br.

G. jordanianum Schwantes (1)

Perennial. Succulent. Ht up to 0.04 m. Alt 400–650 m.

WC

cilliersiae Schwantes = **G. linguiforme**

compressum L.Bolus = **G. regium**

concovum N.E.Br. = **G. surrectum**

cruciatum (Haw.) N.E.Br.

G. angustum (Haw.) N.E.Br. (1)

G. apiculatum N.E.Br. (1)

G. armoedense Schwantes (1)

G. longipes N.E.Br. (1)

G. praepingue (Haw.) N.E.Br. (1)

G. rosaliae L.Bolus (1)

Mesembryanthemum angustum Haw. (1)

Mesembryanthemum cruciatum Haw. (1)

Mesembryanthemum praepingue Haw. (1)

Perennial. Succulent. Ht up to 0.12 m. Alt 400–650 m.

WC

cultratum (Salm-Dyck) N.E.Br. = **G. longum**

davisii L.Bolus = **G. longum**

depressum (Haw.) N.E.Br.

G. barrydalense Schwantes (1)

G. buffelsvleyense Schwantes (1)

G. fragrans (Salm-Dyck) Schwantes (1)

G. framesii L.Bolus (1)

G. haagei Tischer (1)

G. jacobsonianum Schwantes (1)

G. marlothii Schwantes (1)

G. muirii N.E.Br. (1)

G. nysiae Schwantes (1)

G. platycarpum L.Bolus (1)

G. proclive N.E.Br. (1)

G. rufescens (Haw.) Tischer (1)

G. starkeae L.Bolus (1)

G. taurinum (Haw.) N.E.Br. (1)

G. unionalense L.Bolus (1)

Mesembryanthemum angustum Haw. var. *heterophyllum* in sense of Salm-Dyck, not of Haw. (1)

Mesembryanthemum depressum Haw. (1)

Mesembryanthemum depressum Haw. var. *lividum* Haw. (1)

Mesembryanthemum fragrans Salm-Dyck (1)

Mesembryanthemum linguaeforme Haw. (1)

Mesembryanthemum linguaeforme Haw. var. *rufescens* Haw., invalid name (1)

Mesembryanthemum linguiforme L. var. *angustum* (Haw.) A.Berger, invalid name (1)

Mesembryanthemum linguiforme L. var. *fragrans* (Salm-Dyck) A.Berger (1)

Mesembryanthemum longum Haw. var. *declive* Haw. (1)

Mesembryanthemum longum Haw. var. *flaccidum* Haw. (1)

Mesembryanthemum rufescens Haw. (1)

Mesembryanthemum taurinum Haw. (1)

Perennial. Succulent. Ht up to 0.04 m. Alt 500–980 m.

WC

difforme (L.) N.E.Br.

G. semicylindricum (Haw.) N.E.Br. (1)

G. subditum N.E.Br. (1)

Mesembryanthemum bidentatum Haw. (1)

Mesembryanthemum bigibberatum Haw. (1)

Mesembryanthemum difforme L. (1)

Mesembryanthemum semicylindricum Haw. (1)

Perennial. Succulent. Ht up to 0.1 m. Alt 450–1300 m.

NC, EC

erectum N.E.Br. = **G. longum**

fergusoniae L.Bolus

Perennial. Succulent. Ht up to 0.05 m. Alt 170–350 m.

WC

fragrans (Salm-Dyck) Schwantes = **G. depressum**

framesii L.Bolus = **G. depressum**

grandiflorum (Haw.) N.E.Br.

G. lombergii N.E.Br. on herbarium label, naked name (1)

Mesembryanthemum grandiflorum Haw. (1)

Mesembryanthemum linguiforme L. var. *grandiflorum* (Haw.) A.Berger (1)

Perennial. Succulent. Ht up to 0.2 m. Alt 200–890 m.

EC

haagei Tischer = **G. depressum**

herrei L.Bolus = **G. suave**

jacobsonianum Schwantes = **G. depressum**

jordanianum Schwantes = **G. carnosum**

latifolium N.E.Br. = **G. linguiforme**

latum N.E.Br. = **G. longum**

latum N.E.Br. var. *cultratum* (Salm-Dyck) N.E.Br. = **G. longum**

linguiforme (L.) N.E.Br.

G. cilliersiae Schwantes (1)

G. latifolium N.E.Br. (1)

G. ryderae Schwantes (1)

Mesembryanthemum linguiforme L. (1)

Mesembryanthemum linguiforme (L.) N.E.Br. var. *scalpratum* (Haw.) A.Berger (1)

Mesembryanthemum scalpratum Haw., illegitimate name (1)

Perennial. Succulent. Ht up to 0.05 m. Alt 270–650 m.

WC

lombergii N.E.Br. on herbarium label, naked name = **G. grandiflorum**

longipes N.E.Br. = **G. cruciatum**

longum (Haw.) N.E.Br.

G. cultratum (Salm-Dyck) N.E.Br. (1)

G. davisii L.Bolus (1)

G. erectum N.E.Br. (1)

G. latum N.E.Br. (1)

G. latum N.E.Br. var. *cultratum* (Salm-Dyck) N.E.Br. (1)

G. longum (Haw.) N.E.Br. var. *hamatum* N.E.Br. (1)

G. longum (Haw.) N.E.Br. var. *heterophyllum* (Haw.) G.D.Rowley (1)

G. obliquum (Willd.) N.E.Br. (1)

G. propinquum N.E.Br. (1)

G. pustulatum (Haw.) N.E.Br. (1)

G. uncatum (Salm-Dyck) N.E.Br. (1)

Mesembryanthemum adscendens Haw. (1)

Mesembryanthemum angustum Haw. var. *heterophyllum* Haw. (1)

Mesembryanthemum cultratum Salm-Dyck (1)

Mesembryanthemum latum Haw. (1)

Mesembryanthemum linguiforme in sense of Haw., not of L. (1)

Mesembryanthemum linguiforme L. var. *adscendens* (Haw.) A.Berger (1)

Mesembryanthemum linguiforme L. var. *cultratum* (Salm-Dyck) A.Berger (1)

Mesembryanthemum linguiforme L. var. *depressum* (Haw.) A.Berger, invalid name (1)

Mesembryanthemum linguiforme L. var. *longum* (Haw.) A.Berger (1)

Mesembryanthemum linguiforme L. var. *obliquum* (Willd.) A.Berger (1)

Mesembryanthemum linguiforme L. var. *pustulatum* (Haw.) A.Berger (1)

Mesembryanthemum linguiforme L. var. *uncatum* (Haw.) A.Berger (1)

Mesembryanthemum longum Haw. (1)

Mesembryanthemum longum Haw. var. *uncatum* Haw. (1)

Mesembryanthemum lucidum Haw. (1)

Mesembryanthemum medium Haw. (1)

Mesembryanthemum obliquum Willd. (1)

Mesembryanthemum pustulatum Haw. (1)

Mesembryanthemum pustulatum Haw. var. *lividum* Salm-Dyck (1)

Mesembryanthemum uncatum Salm-Dyck (1)

- Perennial. Succulent. Ht up to 0.15 m. Alt 30–650 m.
WC, EC
- longum* (Haw.) N.E.Br. var. *hamatum* N.E.Br. = **G. longum**
- longum* (Haw.) N.E.Br. var. *heterophyllum* (Haw.)
G.D.Rowley = **G. longum**
- marlothii* Schwantes = **G. depressum**
- muirii* N.E.Br. = **G. depressum**
- neilii** N.E.Br.
Perennial. Succulent. Ht up to 0.04 m. Alt 550–980 m.
WC
- nelii** Schwantes
G. pallens L.Bolus (1)
G. pygmaeum L.Bolus (1)
Perennial. Succulent. Ht up to 0.06 m. Alt 780–1100
m. WC, EC
- nysiae* Schwantes = **G. depressum**
- obliquum* (Willd.) N.E.Br. = **G. longum**
- ochraceum* (A.Berger) N.E.Br. = **Malephora ochracea**
- oligocarpum** L.Bolus
Perennial. Succulent. Ht up to 0.04 m. Alt 370–1020
m. EC
- pallens* L.Bolus = **G. nelii**
- parvifolium* L.Bolus = **G. surrectum**
- peersii** L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 730–950 m.
WC, EC
- platycarpum* L.Bolus = **G. depressum**
- praepingue* (Haw.) N.E.Br. = **G. cruciatum**
- proclive* N.E.Br. = **G. depressum**
- propinquum* N.E.Br. = **G. longum**
- pustulatum* (Haw.) N.E.Br. = **G. longum**
- pygmaeum* L.Bolus = **G. nelii**
- regium** N.E.Br.
G. compressum L.Bolus (1)
Perennial. Succulent. Ht up to 0.2 m. Alt 400–650 m.
WC
- rosaliae* L.Bolus = **G. cruciatum**
- rubrostigma* L.Bolus = **G. surrectum**
- rufescens* (Haw.) Tischer = **G. depressum**
- ryderae* Schwantes = **G. linguiforme**
- salmii** (Haw.) N.E.Br.
Mesembryanthemum salmii Haw. (1)
Perennial. Succulent. Ht up to 0.12 m. Alt 950–1150
m. WC, EC
- semicylindricum* (Haw.) N.E.Br. = **G. difforme**
- starkeae* L.Bolus = **G. depressum**
- suave** N.E.Br.
G. herrei L.Bolus (1)
Perennial. Succulent. Ht up to 0.05 m. Alt 800–1100
m. WC
- subditum* N.E.Br. = **G. difforme**
- surrectum** (Haw.) L.Bolus
G. arrectum N.E.Br. (1)
G. concavum N.E.Br. (1)
G. parvifolium L.Bolus (1)
G. rubrostigma L.Bolus (1)
Mesembryanthemum surrectum Haw. (1)

- Perennial. Succulent. Ht up to 0.15 m. Alt 800–1100
m. WC
- taurinum* (Haw.) N.E.Br. = **G. depressum**
- uncatum* (Salm-Dyck) N.E.Br. = **G. longum**
- uniondalense* L.Bolus = **G. depressum**

HALLIANTHUS H.E.K.Hartmann 2405150

- (1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 260.
(2) Hartmann. 1983. *Botanische Jahrbücher* 104: 143–169.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 53.
(4) Hammer. 2002. *Cactus and Succulent Journal (US)* 74: 228–232.

griseus S.A.Hammer & U.Schmiedel

- Perennial. Succulent. Ht up to 0.06 m. Alt up to 250 m.
WC

planus (L.Bolus) H.E.K.Hartmann

- Leipoldtia compressa* L.Bolus var. *compressa* (2)
Leipoldtia compressa L.Bolus var. *lekfersingensis* L.Bolus (2)
Leipoldtia plana L.Bolus (2)

- Perennial. Succulent. Ht up to 0.15 m. Alt up to 1200
m. NC, WC

HAMMERIA Burgoyne 2405190

- (1) Burgoyne *et al.* 1998. *Cactus and Succulent Journal (US)* 70:
203–208.
(2) Klak. 2000. *Bothalia* 30: 35–42.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 53, 54.

gracilis Burgoyne

- Perennial. Succulent. Ht up to 0.15 m. Alt 1400–1600
m. NC

meleagris (L.Bolus) Klak

- H. salteri* (L.Bolus) Burgoyne (2)

- Perennial. Succulent. Ht up to 0.06 m. Alt 600–700 m.
NC, WC

salteri (L.Bolus) Burgoyne = **H. meleagris****HARTMANTHUS** S.A.Hammer 2405189

- (1) Hammer. 1995. *Haseltonia* 3: 77–82.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 55.

hallii (L.Bolus) S.A.Hammer

- Perennial. Succulent. Ht up to 0.2 m. Alt 190–850 m.
N

pergamentaceus (L.Bolus) S.A.Hammer

- Delosperma pergamentaceum* L.Bolus var. *pergamentaceum* (2)
Delosperma pergamentaceum L.Bolus var. *roseum* Lavis (2)

- Perennial. Succulent. Ht up to 0.3 m. Alt 190–1100 m.
N, NC

HEREROA (Schwantes) Dinter 2405055
& Schwantes

- (1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 56–62.

acuminata L.Bolus

- Perennial. Succulent. Ht up to 0.05 m, when in flower.
Alt 800–1100 m. WC

albanensis L.Bolus = **Rhombophyllum albanense****aspera** L.Bolus

- Perennial. Succulent. Ht up to 0.08 m. Alt 190–550 m.
WC

brevifolia L.Bolus

- Perennial. Succulent. Ht up to 0.07 m. Alt 950–1200
m. WC

- calycina** L.Bolus
Perennial. Succulent. Ht up to 0.06 m. Alt 1200–1900 m. EC
- cana* in sense of L.Bolus, misapplied name = **Bijlia dilatata**
- carinans** (Haw.) Dinter & Schwantes ex H.Jacobsen
Perennial. Succulent. Ht up to 0.04 m. Alt? 'SA'
- concava** L.Bolus
Perennial. Succulent. Ht up to 0.07 m. Alt 850–1950 m. WC
- crassa** L.Bolus
Perennial. Succulent. Ht up to 0.12 m. Alt 800–1100 m. WC
- dolabriformis* (L.) L.Bolus = **Rhombophyllum dolabriforme**
- dyeri* L.Bolus = **Rhombophyllum dyeri**
- fimbriata** L.Bolus
Perennial. Succulent. Ht up to 0.35 m. Alt 850–1000 m. WC
- glenensis** (N.E.Br.) L.Bolus
Bergeranthus glenensis N.E.Br. (1)
Perennial. Succulent. Ht up to 0.05 m. Alt 1100–1750 m. G, FS, NC
- gracilis** L.Bolus
H. gracilis L.Bolus var. *compressa* L.Bolus (1)
Perennial. Succulent. Ht up to 0.15 m. Alt 900–1300 m. WC
- gracilis* L.Bolus var. *compressa* L.Bolus = **H. gracilis**
- granulata** (N.E.Br.) Dinter & Schwantes
Mesembryanthemum granulatum N.E.Br. (1)
Perennial. Succulent. Ht 0.03–0.04 m. Alt 30–240 m. EC
- herrei** Schwantes
Perennial. Succulent. Ht up to 0.6 m. Alt 630–1100 m. EC
- hesperantha** (Dinter & A.Berger) Dinter & Schwantes
Mesembryanthemum bergerianum Dinter (1)
Mesembryanthemum hesperanthum Dinter & A.Berger (1)
Perennial. Succulent. Ht 0.15–0.3 m. Alt 450–900 m. N, NC
- incurva** L.Bolus
Perennial. Succulent. Ht up to 0.07 m, when in flower. Alt 990–1200 m. EC
- joubertii** L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 880–1100 m. WC
- latipetala** L.Bolus
Perennial. Succulent. Ht up to 0.09 m. Alt 550–1000 m. WC
- muirii** L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt 190–380 m. WC
- nelii** Schwantes
Perennial. Succulent. Ht up to 0.1 m. Alt 500–880 m. WC
- odorata** (L.Bolus) L.Bolus
Aridaria odorata (L.Bolus) Schwantes ex H.Jacobsen (1)
Mesembryanthemum odoratum L.Bolus (1)
Nycteranthus odoratus (L.Bolus) Schwantes, illegitimate name (1)
Perennial. Succulent. Ht up to 0.1 m. Alt 190–950 m. WC
- pallens** L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt 800–1000 m. NC
- puttkameriana** (Dinter & A.Berger) Dinter & Schwantes
Mesembryanthemum puttkamerianum Dinter & A.Berger (1)
Perennial. Succulent. Ht up to 0.1 m. Alt 250–1250 m. N
- rehneltiana** (A.Berger) Dinter & Schwantes
Perennial. Succulent. Ht? Alt 960–1500 m. WC
- stanfordiae** L.Bolus
Perennial. Succulent. Ht up to 0.06 m. Alt 980–1200 m. NC
- stanleyi* (L.Bolus) L.Bolus = **Chasmatophyllum stanleyi**
- stenophylla** L.Bolus
Perennial. Succulent. Ht? Alt? 'SA'
- tenuifolia** L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 190–650 m. WC
- teretifolia** L.Bolus
Perennial. Succulent. Ht? Alt 300–650 m. NC, WC
- tugwelliae* in sense of L.Bolus (1927, 1928), not of L.Bolus (1930), misapplied name = **Bijlia dilatata**
- tugwelliae* (L.Bolus) L.Bolus = **Bijlia tugwelliae**
- uncipetala* (N.E.Br.) L.Bolus = **H. wilmaniae**
- willemorensis** L.Bolus
Perennial. Succulent. Ht up to 0.6 m, when in flower. Alt 700–950 m. WC, EC
- wilmaniae** L.Bolus
H. uncipectala (N.E.Br.) L.Bolus (1)
H. wilmaniae L.Bolus var. *langebergensis* L.Bolus (1)
Prepodesma uncipectala N.E.Br. (1)
Perennial. Succulent. Ht up to 0.1 m. Alt 1200–1600 m. NC
- wilmaniae* L.Bolus var. *langebergensis* L.Bolus = **H. wilmaniae**
- HERREA** Schwantes 2405056
- acocksii* L.Bolus = **Conicosia elongata**
- affinis* (N.E.Br.) L.Bolus = **Conicosia elongata**
- alba* L.Bolus = **Conicosia elongata**
- albolutea* L.Bolus = **Conicosia elongata**
- blanda* L.Bolus = **Conicosia elongata**
- brevisepala* L.Bolus = **Conicosia elongata**
- caledonica* L.Bolus = **Conicosia pugioniformis** subsp. **pugioniformis**
- elongata* (Haw.) L.Bolus var. *elongata* = **Conicosia elongata**
- elongata* (Haw.) L.Bolus var. *minor* (Haw.) L.Bolus = **Conicosia elongata**
- excavata* L.Bolus = **Conicosia elongata**
- fusiformis* (Haw.) L.Bolus = **Conicosia elongata**
- grandis* L.Bolus = **Conicosia elongata**
- gydouwensis* L.Bolus = **Conicosia elongata**
- inaequalis* L.Bolus = **Conicosia elongata**
- klaverensis* L.Bolus = **Conicosia elongata**
- laticalyx* L.Bolus = **Conicosia elongata**
- macrocalyx* L.Bolus = **Conicosia elongata**

nelii Schwantes = **Conicosia elongata**
obtusa L.Bolus = **Conicosia elongata**
plana L.Bolus = **Conicosia elongata**
porcina L.Bolus = **Conicosia elongata**
robusta (N.E.Br.) L.Bolus = **Conicosia elongata**
ronaldii L.Bolus = **Conicosia elongata**
roodiae (N.E.Br.) L.Bolus = **Conicosia elongata**
stipitata L.Bolus = **Conicosia elongata**

HERREANTHUS Schwantes 2405057

meyeri Schwantes = **Conophytum herreanthus** subsp.
herreanthus

HYMENOGYNE Haw. 2405059

- (1) Ihlenfeldt & Gerbault. 1990. *Botanische Jahrbücher* 111: 457–498.
- (2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 63, 64.

conica L.Bolus
 Annual. Succulent. Ht up to 0.18 m, when in flower.
 Alt 420–850 m. WC

glabra (Aiton) Haw.
 Annual. Succulent. Ht up to 0.15 m. Alt 30–550 m.
 WC

IHLENFELDTIA H.E.K.Hartmann 2405161

- (1) Hartmann & Dehn. 1987. *Botanische Jahrbücher* 108: 567–663.
- (2) Hartmann. 1992. *Botanische Jahrbücher* 114: 29–50.
- (3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 64, 65.

excavata (L.Bolus) H.E.K.Hartmann
Cheiridopsis albirosea L.Bolus (1)
Cheiridopsis dilatata L.Bolus (1)
Cheiridopsis excavata L.Bolus (1)
Cheiridopsis vanbredai L.Bolus (1)
 Perennial. Succulent. Ht up to 0.04 m. Alt 770–1050
 m. NC

vanzylii (L.Bolus) H.E.K.Hartmann
Cheiridopsis papillata L.Bolus (1)
Cheiridopsis richardiana L.Bolus (2)
Cheiridopsis vanzyltii L.Bolus (1)
 Perennial. Succulent. Ht up to 0.04 m. Alt 1070–1150
 m. NC

IMITARIA N.E.Br. 2405060

muirii N.E.Br. = **Gibbaeum nebrownii**

JACOBSENIA L.Bolus & Schwantes emend. Ihlenf. 2405061

- (1) Ihlenfeldt. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 65–67.

hallii L.Bolus
 Perennial. Succulent. Ht up to 0.15 m. Alt 170–230 m.
 NC, WC

kolbei (L.Bolus) L.Bolus & Schwantes
 Perennial. Succulent. Ht up to 0.5 m. Alt 190–370 m.
 WC

vaginata (L.Bolus) Ihlenf.
Anisocalyx salarius L.Bolus (1)
Anisocalyx vaginatus (L.Bolus) L.Bolus (1)
Anysocalyx vaginatus (L.Bolus) L.Bolus (1)
Drosanthemopsis salaria (L.Bolus) Rauschert (1)
Drosanthemopsis vaginata (L.Bolus) Rauschert (1)
Drosanthemum vaginatum L.Bolus (1)

Perennial. Succulent. Ht 0.08–0.2 m. Alt 50–550 m.
 WC

JENSENOBOTRYA A.G.J.Herre 2405062

- (1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 67.

lossowiana A.G.J.Herre
 Perennial. Succulent. Ht up to 0.25 m. Alt 20–100 m.
 N

vanheerdei L.Bolus = **Stoeberia carpii**

JORDANIELLA H.E.K.Hartmann 2405145

- (1) Bolus. 1962. *The Flowering Plants of Africa* 35: tt. 1397, 1398.
- (2) Hartmann. 1983. *Bibliographia Botanica* 136: 1–67.
- (3) Hartmann. 1984. *Botanische Jahrbücher* 104: 321–360.
- (4) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 67–69.

clavifolia (L.Bolus) H.E.K.Hartmann
Cephalophyllum clavifolium (L.Bolus) L.Bolus (2)
 Perennial. Succulent. Ht up to 0.05 m. Alt 10–220 m.
 NC

cuprea (L.Bolus) H.E.K.Hartmann
Cephalophyllum cupreum L.Bolus (3)
Cephalophyllum luxurians Dinter, naked name (3)
 Perennial. Succulent. Ht up to 0.12 m. Alt 10–100 m.
 N, NC

dubia (Haw.) H.E.K.Hartmann
Cephalophyllum albertiniense (L.Bolus) Schwantes (3)
Cephalophyllum anemoniflorum (L.Bolus) N.E.Br. (3)
Cephalophyllum dubium (Haw.) N.E.Br. (3)
Cephalophyllum maritimum (L.Bolus) Schwantes (3)
Cephalophyllum pittenii L.Bolus (3)
Cephalophyllum procumbens (Haw.) Schwantes (3)
Cephalophyllum vanputtenii L.Bolus (3)
Cephalophyllum watermeyeri L.Bolus (3)
 Perennial. Succulent. Ht up to 0.08 m. Alt 10–200 m.
 WC

spongiosa (L.Bolus) H.E.K.Hartmann
Cephalophyllum spongiosum (L.Bolus) L.Bolus (4)
 Perennial. Succulent. Ht up to 0.3 m. Alt 20–150 m.
 NC

uniflora (L.Bolus) H.E.K.Hartmann
Cephalophyllum uniflorum L.Bolus (3)
 Perennial. Succulent. Ht up to 0.08 m. Alt 10–100 m.
 NC

JUTTADINTERIA Schwantes 2405063

- (1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 273.
- (2) Bolus. 1958. *The Flowering Plants of Africa* 32: t. 1273.
- (3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 70–72.

albata (L.Bolus) L.Bolus
Mesembryanthemum albatum L.Bolus (3)
 Perennial. Succulent. Ht up to 0.2 m. Alt 50–590 m. N,
 NC

attenuata Walgate
 Perennial. Succulent. Ht up to 0.1 m. Alt? N, NC

ausensis (L.Bolus) Schwantes
J. suavissima (Dinter) Schwantes (3)
 Perennial. Succulent. Ht up to 0.15 m. Alt up to 1700
 m. N

decumbens Schick & Tischer = **J. deserticola**

deserticola (Marloth) Schwantes
J. decumbens Schick & Tischer (3)
J. elizae (Dinter & A.Berger) L.Bolus (3)
J. insolita (L.Bolus) L.Bolus (3)

J. tetrasepala L.Bolus (3)
Perennial. Succulent. Ht up to 0.25 m. Alt 50–750 m.
N, NC

elizae (Dinter & A.Berger) L.Bolus = **J. deserticola**

insolita (L.Bolus) L.Bolus = **J. deserticola**

kovisimontana (Dinter) Schwantes = **J. simpsonii**

longipetala L.Bolus = **Namibia cinerea**

proxima L.Bolus = **Dracophilus dealbatus**

simpsonii (Dinter) Schwantes

J. kovisimontana (Dinter) Schwantes (3)

Perennial. Succulent. Ht up to 0.25 m. Alt 530–590 m. N

suavissima (Dinter) Schwantes = **J. ausensis**

tetrasepala L.Bolus = **J. deserticola**

KENSITIA Fedde 2405064

pillansii (Kensit) Fedde = **Erepsia pillansii**

KHADIA N.E.Br. 2405065

(1) Bolus. 1958. *The Flowering Plants of Africa* 32: t. 1263.

(2) Chesselet & Hartmann. 1995. *Aloe* 32: 46–49.

(3) Chesselet *et al.* 1998. *Bothalia* 28: 25–33.

(4) Winter & Hahn. 1999. *Aloe* 36: 16–19.

(5) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 72–74.

acutipetala (N.E.Br.) N.E.Br.

K. nationae (N.E.Br.) N.E.Br. (2)

Perennial. Succulent. Ht up to 0.05 m. Alt 1200–1779 m. NW, G

alticola Chesselet & H.E.K.Hartmann

Perennial. Succulent. Ht up to 0.1 m. Alt up to 2331 m. M, KZN

beswickii (L.Bolus) N.E.Br.

K. nelsoniae N.E.Br. (2)

Perennial. Succulent. Ht up to 0.08 m. Alt 1600–1700 m. G

borealis L.Bolus

Perennial. Succulent. Ht up to 0.05 m. Alt 1500–1730 m. LIM

carolinensis (L.Bolus) L.Bolus

Perennial. Succulent. Ht up to 0.8 m. Alt 1690–2015 m. M

media P.Winter & N.Hahn

Perennial. Succulent. Ht up to 0.1 m. Alt 1500–1870 m. LIM

nationae (N.E.Br.) N.E.Br. = **K. acutipetala**

nelsoniae N.E.Br. = **K. beswickii**

LAMPRANTHUS N.E.Br. 2405066

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: tt. 253, 263.

(2) Bolus. 1931. *The Flowering Plants of South Africa* 11: t. 413.

(3) Bolus. 1947. *The Flowering Plants of Africa* 26: t. 1012.

(4) Bolus. 1949. *The Flowering Plants of Africa* 27: t. 1064.

(5) Hartmann. 1998. *Bradleya* 16: 44–91.

(6) Hartmann. 1999. *Bradleya* 17: 38–74.

(7) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 75–108.

(8) Klak. 2001. *Phylogeny and character evolution in the Lampranthus group (Aizoaceae–Ruschioideae)*. Unpublished Ph.D. thesis, University of Cape Town.

(9) Hartmann. 2001. *Bradleya* 19: 83–90.

acrosepalus (L.Bolus) L.Bolus

Perennial. Succulent. Ht 0.18–0.25 m. Alt 600–800 m. WC

acutifolius (L.Bolus) N.E.Br.

Perennial. Succulent. Ht ± 0.4 m. Alt 330–750 m. WC

aduncus (Haw.) N.E.Br.

Perennial. Succulent. Ht? Alt? ‘CP’

aestivus (L.Bolus) L.Bolus

Perennial. Succulent. Ht 0.2–0.3 m. Alt 500–1010 m. WC

affinis L.Bolus

Perennial. Succulent. Ht 0.4–0.6 m. Alt 300–1050 m. WC

albus (L.Bolus) L.Bolus = **Oscularia alba**

algoensis L.Bolus

Perennial. Succulent. Ht? Alt 20–100 m. EC

alpinus (L.Bolus) G.D.Rowley = **Esterhuysenia alpina**

altistylus N.E.Br.

Perennial. Succulent. Ht up to 0.15 m. Alt 200–880 m. WC

amabilis L.Bolus

Perennial. Succulent. Ht? Alt 30–360 m. WC

amoenus (Salm-Dyck ex DC.) N.E.Br.

Perennial. Succulent. Ht up to 0.15 m. Alt 200–880 m. WC

amphibolius (G.D.Rowley) H.E.K.Hartmann

Amphibolia hallii (L.Bolus) L.Bolus ex Tölken & Jessop (5)

Ruschia amphibolia G.D.Rowley (5)

Stoebria hallii L.Bolus (5)

Perennial. Succulent. Ht? Alt? ‘CP’

antemeridianus (L.Bolus) L.Bolus

Perennial. Succulent. Ht up to 0.5 m. Alt 50–450 m. WC

antonii L.Bolus

Perennial. Succulent. Ht? Alt 500–850 m. WC

arbuthnotiae (L.Bolus) L.Bolus

Perennial. Succulent, creeping. Ht 0.1–0.15 m. Alt? WC

arenarius H.E.K.Hartmann

Ruschia arenosa L.Bolus (5)

Perennial. Succulent. Ht 0.2–0.3 m. Alt 850–1500 m. NC

arenicola L.Bolus

Perennial. Succulent. Ht? Alt? WC

arenosus (L.Bolus) L.Bolus

Perennial. Succulent. Ht 0.2–0.3 m. Alt 300–650 m. WC

argenteus (L.Bolus) L.Bolus

Perennial. Succulent. Ht 0.23–0.4 m. Alt 300–800 m. WC

argillosus L.Bolus

Perennial. Succulent. Ht ± 0.2 m. Alt? WC

aurantiacus (DC.) Schwantes = **L. glaucoides**

aureus (L.) N.E.Br.

Perennial. Succulent. Ht 0.2–0.25 m. Alt 20–200 m. WC

austriicola (L.Bolus) L.Bolus

Perennial. Succulent. Ht 0.2–0.3 m. Alt 500–1010 m. WC

baylissii L.Bolus

Perennial. Succulent. Ht up to 0.5 m. Alt 50–450 m. WC

- berghiae** (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.5 m. Alt 600–1070 m.
WC
- bicolor** (L.) N.E.Br.
Perennial. Succulent. Ht up to 0.5 m. Alt 50–450 m.
WC
- bicolorus** (L.) N.E.Br.
Perennial. Succulent. Ht up to 0.5 m. Alt 50–450 m.
WC
- bicolorus* (L.) N.E.Br. var. *inaequale* (Haw.) Schwantes
= **L. inaequalis**
- blandus** (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.6 m. Alt 50–1000 m.
WC, EC
- bolusiae* Schwantes ex H.Jacobsen = **L. dilutus**
- borealis** L.Bolus
Perennial. Succulent. Ht 0.18–0.25 m. Alt 20–470 m.
N, NC
- brachyandrus** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht up to 0.7 m. Alt 250–1000 m.
N, NC
- brevistaminus** (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.14 m. Alt 1100–2000
m. WC
- brownii** (Hook.f.) N.E.Br.
Perennial. Succulent. Ht 0.15–0.3 m. Alt 20–120 m.
WC
- caespitosus** (L.Bolus) N.E.Br.
L. caespitosus (L.Bolus) N.E.Br. var. *luxurians* (L.Bolus) H.Jacob-
sen (7)
Perennial. Succulent, creeping. Ht 0.1–0.15 m. Alt?
WC
- caespitosus* (L.Bolus) N.E.Br. var. *luxurians* (L.Bolus)
H.Jacobsen = **L. caespitosus**
- calcaratus** (Wolley-Dod) N.E.Br.
Perennial. Succulent. Ht up to 0.26 m. Alt 20–80 m.
WC
- candidus** L.Bolus
Perennial. Succulent. Ht 0.25–0.3 m. Alt 300–980 m.
WC
- capillaceus** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht up to 0.3 m. Alt? WC
- capornii* (L.Bolus) L.Bolus = **Ruschia capornii**
- caudatus** L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 20–190 m.
WC
- cedarbergensis* (L.Bolus) L.Bolus = **Oscularia cedar-
bergensis**
- ceriseus** (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 100–320 m.
WC
- citrinus** (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.15–0.25 m. Alt 20–550 m.
WC
- coccineus** (Haw.) N.E.Br.
Perennial. Succulent. Ht 0.15–0.3 m. Alt 20–120 m.
WC
- compressus* L.Bolus = **Oscularia compressa**
- comptonii* (L.Bolus) N.E.Br. forma *roseus* (L.Bolus)
G.D.Rowley = **Oscularia comptonii**
- comptonii* (L.Bolus) N.E.Br. var. *angustifolius* (L.Bolus)
L.Bolus forma *angustifolius* = **Oscularia comp-
tonii**
- comptonii* (L.Bolus) N.E.Br. var. *angustifolius* (L.Bolus)
L.Bolus forma *roseus* (L.Bolus) G.D.Rowley =
Oscularia comptonii
- comptonii* (L.Bolus) N.E.Br. var. *comptonii* = **Oscularia
comptonii**
- comptonii* (L.Bolus) N.E.Br. var. *roseus* (L.Bolus) L.Bolus
ex H.Jacobsen = **Oscularia comptonii**
- conspicuus** (Haw.) N.E.Br.
Perennial. Succulent. Ht 0.4–0.6 m. Alt? WC
- convexus** (L.Bolus) L.Bolus
Perennial. Succulent. Ht? Alt 300–800 m. WC
- coralliflorus** (Salm-Dyck) N.E.Br.
Perennial. Succulent. Ht 0.4–0.6 m. Alt? EC
- creber** L.Bolus
Perennial. Succulent. Ht 0.15–0.3 m. Alt 110–300 m.
WC
- curviflorus** (Haw.) H.E.K.Hartmann
Perennial. Succulent. Ht up to 0.6 m. Alt 50–1000 m.
WC, EC
- curvifolius** (Haw.) N.E.Br.
Perennial. Succulent. Ht? Alt? ‘CP’
- curvifolius* (Haw.) N.E.Br. var. *minor* (Salm-Dyck)
G.D.Rowley = **L. flexifolius**
- cyathiformis** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht ± 0.2 m. Alt? ‘CP’
- debilis** (Haw.) N.E.Br.
Perennial. Succulent, creeping. Ht 0.1–0.15 m. Alt?
WC
- deflexus** (Aiton) N.E.Br.
Perennial. Succulent. Ht? Alt? WC
- deltoides* (L.) Glen = **Oscularia deltoides**
- deltoides* (L.) Glen var. *caulescens* (Mill.) G.D.Rowley
= **Oscularia caulescens**
- densifolius** (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.15–0.3 m. Alt 150–320 m.
WC
- densipetalus** (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.26 m. Alt up to 1200
m. NC
- dependens** (L.Bolus) L.Bolus
Perennial. Succulent. Ht? Alt 50–650 m. WC
- diffusus** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.3–0.4 m. Alt 500–850 m.
WC
- dilutus** N.E.Br.
L. bolusiae Schwantes ex H.Jacobsen (8)
Mesembryanthemum pallidum L.Bolus (7)
Perennial. Succulent. Ht 0.15–0.3 m. Alt 110–300 m.
WC
- disgregus** (N.E.Br.) N.E.Br.
Perennial. Succulent. Ht 0.3–0.6 m. Alt 120–1010 m.
NC, WC
- dissimilis** (G.D.Rowley) H.E.K.Hartmann

- Amphibolia staynerii* L.Bolus ex Tölken & Jessop (5)
Amphibolia stayneri L.Bolus, illegitimate name (5)
Ruschia dissimilis G.D.Rowley (5)
 Perennial. Succulent. Ht up to 0.05 m. Alt 500–900 m.
 WC
- diutinus** (L.Bolus) N.E.Br.
 Perennial. Succulent. Ht up to 0.2 m. Alt 100–320 m.
 WC
- dregeanus** (Sond.) N.E.Br.
 Perennial. Succulent. Ht 0.4–0.6 m. Alt 300–600 m.
 WC
- drepanophyllus* (Schltr. & A.Berger) N.E.Br. = **Esterhuysenia drepanophylla**
- dubitans** (L.Bolus) L.Bolus
Ruschia dubitans (L.Bolus) L.Bolus (7)
 Perennial. Succulent. Ht ± 0.16 m. Alt? WC
- dulcis** (L.Bolus) L.Bolus
 Perennial. Succulent. Ht 0.2–0.4 m. Alt 300–980 m.
 WC
- dyckii** (A.Berger) N.E.Br.
 Perennial. Succulent. Ht 0.3–0.6 m. Alt 120–1010 m.
 NC, WC
- ebracteatus** L.Bolus
 Perennial. Succulent. Ht up to 0.25 m. Alt? WC
- edwardsiae** (L.Bolus) L.Bolus
 Perennial. Succulent. Ht? Alt 300–600 m. WC
- egregius** (L.Bolus) L.Bolus
 Perennial. Succulent. Ht 0.4–0.6 m. Alt 300–1050 m.
 WC
- elegans** (Jacq.) Schwantes
 Perennial. Succulent. Ht up to 0.35 m. Alt 20–650 m.
 WC
- emarginatoides** (Haw.) N.E.Br.
 Perennial. Succulent. Ht up to 0.2 m. Alt 20–150 m.
 WC
- emarginatus** (L.) N.E.Br.
L. emarginatus (L.) N.E.Br. var. *puniceus* (Jacq.) Schwantes (7)
 Perennial. Succulent. Ht up to 0.2 m. Alt 20–150 m.
 WC
- emarginatus* (L.) N.E.Br. var. *puniceus* (Jacq.) Schwantes
 = **L. emarginatus**
- ernestii** (L.Bolus) L.Bolus
 Perennial. Succulent, creeping. Ht 0.1–0.15 m. Alt?
 WC
- erratus** N.E.Br.
 Perennial. Succulent. Ht? Alt? WC, EC
- esterhuyseniae** L.Bolus
 Perennial. Succulent. Ht 0.2–0.4 m. Alt 300–980 m.
 NC
- excedens* (L.Bolus) L.Bolus = **Oscularia excedens**
- eximius** L.Bolus
 Perennial. Succulent. Ht 0.15–0.3 m. Alt 150–320 m.
 WC
- explanatus** (L.Bolus) N.E.Br.
 Perennial. Succulent. Ht 0.03–0.08 m. Alt 10–100 m.
 WC
- falcatus** (L.) N.E.Br.
L. falcatus (L.) N.E.Br. var. *galpinii* (L.Bolus) L.Bolus (7)
 Perennial. Succulent. Ht up to 0.3 m. Alt? WC
- falcatus* (L.) N.E.Br. var. *galpinii* (L.Bolus) L.Bolus =
L. falcatus
- falciformis** (Haw.) N.E.Br.
L. falciformis (Haw.) N.E.Br. var. *maritimus* (L.Bolus) L.Bolus (8)
Mesembryanthemum falciforme Haw. (8)
Mesembryanthemum maritimum L.Bolus, illegitimate name (8)
Oscularia falciformis (Haw.) H.E.K.Hartmann (8)
 Perennial. Succulent. Ht 0.19–0.3 m. Alt 300–980 m.
 WC
- falciformis* (Haw.) N.E.Br. var. *maritimus* (L.Bolus) L.Bolus
 = **L. falciformis**
- fergusoniae** (L.Bolus) L.Bolus
L. fergusoniae (L.Bolus) L.Bolus var. *crassistigma* L.Bolus (7)
 Perennial. Succulent. Ht? Alt? WC
- fergusoniae* (L.Bolus) L.Bolus var. *crassistigma* L.Bolus
 = **L. fergusoniae**
- filicaulis** (Haw.) N.E.Br.
 Perennial. Succulent. Ht up to 0.03 m. Alt 20–80 m.
 WC
- flexifolius** (Haw.) N.E.Br.
L. curvifolius (Haw.) N.E.Br. var. *minor* (Salm-Dyck) G.D.Rowley (7)
 Perennial. Succulent. Ht? Alt? 'CP'
- flexilis** (Haw.) N.E.Br.
 Perennial. Succulent. Ht up to 0.35 m. Alt 20–650 m.
 WC
- foliosus** L.Bolus
 Perennial. Succulent. Ht up to 0.2 m. Alt 100–320 m.
 WC
- formosus** (Haw.) N.E.Br.
 Perennial. Succulent, creeping. Ht up to 0.1 m. Alt?
 EC
- framesii** (L.Bolus) N.E.Br.
 Perennial. Succulent. Ht up to 0.3 m. Alt? WC
- francesiae** H.E.K.Hartmann
Ruschia leightoniae L.Bolus (5)
 Perennial. Succulent. Ht up to 0.12 m. Alt 300–850 m.
 WC
- franciscii** L.Bolus
 Perennial. Succulent. Ht up to 0.6 m. Alt 500–950 m.
 WC
- fugitans** L.Bolus
 Perennial. Succulent, creeping. Ht up to 0.1 m. Alt?
 EC
- furvus** (L.Bolus) N.E.Br.
 Perennial. Succulent. Ht 0.2–0.3 m. Alt 500–1010 m.
 WC
- galpiniae** (L.Bolus) L.Bolus
 Perennial. Succulent. Ht 0.15–0.2 m. Alt 20–220 m.
 WC
- glaucoides** (Haw.) N.E.Br.
L. aurantiacus (DC.) Schwantes (7)
 Perennial. Succulent. Ht 0.2–0.25 m. Alt 20–100 m.
 WC
- glaucus** (L.) N.E.Br.
L. glaucus (L.) N.E.Br. var. *tortuosus* (Salm-Dyck) Schwantes (8)
 Perennial. Succulent. Ht 0.15–0.25 m. Alt 20–550 m.
 WC
- glaucus* (L.) N.E.Br. var. *tortuosus* (Salm-Dyck) Schwantes
 = **L. glaucus**
- globosus** (L.Bolus) L.Bolus

- Perennial. Succulent. Ht 0.2–0.4 m. Alt 300–980 m.
WC
- glomeratus** (L.) N.E.Br.
Perennial. Succulent. Ht 0.2–0.3 m. Alt 500–1010 m.
WC
- godmaniae** (L.Bolus) L.Bolus
L. godmaniae (L.Bolus) L.Bolus var. *grandiflorus* (L.Bolus) L.Bolus (7)
Perennial. Succulent. Ht 0.5–0.7 m. Alt up to 1200 m.
NC
- godmaniae* (L.Bolus) L.Bolus var. *grandiflorus* (L.Bolus)
L.Bolus = **L. godmaniae**
- gracilipes** (L.Bolus) N.E.Br.
L. gracilipes (L.Bolus) N.E.Br. forma *luxurians* L.Bolus (8)
Perennial. Succulent. Ht 0.2–0.4 m. Alt 300–980 m.
NC, WC
- gracilipes* (L.Bolus) N.E.Br. forma *luxurians* L.Bolus =
L. gracilipes
- guthrieae* (L.Bolus) N.E.Br. = **Oscularia guthrieae**
- gydouwensis** L.Bolus
Amphibolia gydouwensis (L.Bolus) L.Bolus ex Tölken & Jessop (7)
Ruschia gydouwensis (L.Bolus) G.D.Rowley (7)
Perennial. Shrub, succulent. Ht up to 0.45 m. Alt 300–
550 m. WC
- hallii** L.Bolus
Perennial. Succulent. Ht up to 0.36 m. Alt 150–380 m.
WC
- haworthii** (Haw.) N.E.Br.
Perennial. Succulent. Ht 0.4–0.6 m. Alt 300–1050 m.
WC
- henricii** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.2–0.35 m. Alt 300–1000 m.
WC
- hiemalis** (L.Bolus) L.Bolus
Perennial. Succulent. Ht? Alt 300–1000 m. WC
- hoerleinianus** (Dinter) Friedrich
Perennial. Succulent. Ht up to 0.7 m. Alt 250–1000 m.
N, NC
- holensis** L.Bolus
Perennial. Succulent. Ht 0.2–0.4 m. Alt 120–270 m.
NC
- hollandii** (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 10–350 m.
EC
- hurlingii** (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.3–0.45 m. Alt 300–450 m.
WC
- imbricans** (Haw.) N.E.Br.
Perennial. Succulent. Ht up to 0.2 m. Alt 20–150 m.
WC
- immelmaniae** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.15–0.3 m. Alt 150–320 m.
WC
- inaequalis** (Haw.) N.E.Br.
L. bicolorus (L.) N.E.Br. var. *inaequale* (Haw.) Schwantes (7)
Perennial. Succulent. Ht up to 0.3 m. Alt 50–450 m.
WC
- inconspicuus** (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.25 m. Alt 100–340 m.
WC
- incurvus** (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.6 m. Alt 50–1000 m.
WC, EC
- intervallaris** L.Bolus
Perennial. Succulent. Ht up to 0.16 m. Alt 800–1150
m. WC
- laetus** (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.35 m. Alt 20–650 m.
WC
- lavisii** (L.Bolus) L.Bolus
L. lavisii (L.Bolus) L.Bolus var. *concinus* L.Bolus (8)
Perennial. Succulent. Ht 0.25–0.35 m. Alt 100–400 m.
EC
- lavisii* (L.Bolus) L.Bolus var. *concinus* L.Bolus = **L.
lavisii**
- laxifolius** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.15–0.25 m. Alt? WC
- leightoniae** (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.5 m. Alt 600–1070 m.
WC
- leipoldtii** (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.4 m. Alt 300–600 m.
WC
- leptaleon** (Haw.) N.E.Br.
Perennial. Succulent. Ht up to 0.15 m. Alt 200–880 m.
WC
- leptosepalus** (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.4 m. Alt 300–850 m.
WC
- lerouxiae* (L.Bolus) N.E.Br. = **Ruschia lerouxii**
- lewisiae** (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.075 m. Alt 800–900
m. WC
- liberalis** (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.35 m. Alt 20–650 m.
WC
- littlewoodii** L.Bolus
Perennial. Succulent. Ht 0.2–0.4 m. Alt 300–980 m.
NC, WC
- longistamineus** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht up to 0.2 m. Alt 300–850 m.
WC
- lunatus* (Willd.) N.E.Br. = **Oscularia lunata**
- lunulatus** (A.Berger) L.Bolus
Perennial. Succulent. Ht? Alt 300–850 m. WC
- macrocarpus** (A.Berger) N.E.Br.
Perennial. Succulent, creeping. Ht up to 0.1 m. Alt?
EC
- macrosepalus** (L.Bolus) L.Bolus
Perennial. Succulent, creeping. Ht up to 0.1 m. Alt?
EC
- macrostigma** L.Bolus
Perennial. Succulent. Ht 0.13–0.22 m. Alt 300–950 m.
WC
- magnificus** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.1–0.15 m. Alt 30–1000 m.
WC
- marcidulus** N.E.Br.

- Perennial. Succulent. Ht 0.2–0.25 m. Alt 20–100 m.
WC
- marginatus** (L.Bolus) H.E.K.Hartmann
Ruschia marginata L.Bolus (5)
Perennial. Succulent. Ht? Alt 300–980 m. WC
- mariae** (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.2–0.35 m. Alt 300–1000 m.
WC
- martleyi** (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.5 m. Alt 600–1070 m.
WC
- maturus** N.E.Br.
Perennial. Succulent. Ht up to 0.15 m. Alt 200–880 m.
WC
- matutinus** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.2–0.25 m. Alt 20–100 m.
WC
- microsepalus** L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 200–880 m.
WC
- microstigma** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.3–0.4 m. Alt 500–850 m.
WC
- middlemostii** (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.15–0.2 m. Alt ± 700 m. WC
- montaguensis** (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.23–0.4 m. Alt 300–800 m.
WC
- monticola* (L.Bolus) L.Bolus = **L. stenus**
- mucronatus** L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 700–1400 m.
WC
- multiradiatus** (Jacq.) N.E.Br.
Perennial. Succulent. Ht up to 0.6 m. Alt 50–1000 m.
WC, EC
- multiseriatus** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht up to 0.2 m. Alt 100–320 m.
WC
- mutans** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht? Alt 100–350 m. EC
- mutatus** (G.D.Rowley) H.E.K.Hartmann
Amphibolia littlewoodii (L.Bolus) L.Bolus ex Tölken & Jessop (5)
Ruschia mutata G.D.Rowley (5)
Stoebria littlewoodii L.Bolus (5)
Perennial. Succulent. Ht? Alt 300–1000 m. WC
- nardouwensis** (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.23–0.4 m. Alt 300–800 m.
WC
- nelii** L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 100–340 m.
WC
- neostayneri** L.Bolus
Perennial. Succulent. Ht 0.15–0.3 m. Alt 110–300 m.
WC
- obconicus** (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.2–0.3 m. Alt 820–1500 m.
NC, WC
- occultans** L.Bolus
Perennial. Succulent. Ht 0.3–0.4 m. Alt 500–850 m.
WC
- ornatus* L.Bolus = **Oscularia ornata**
- otzenianus** (Dinter) Friedrich
Drosanthemum otzenianum (Dinter) Friedrich (7)
L. uniflorus (L.Bolus) L.Bolus var. *spathulatus* L.Bolus ex H.Jacobson (7)
Psilocaulon otzenianum (Dinter) L.Bolus (7)
Perennial. Succulent. Ht 0.2–0.45 m. Alt up to 1200 m. N, NC, WC
- paardebergensis* (L.Bolus) L.Bolus = **Oscularia paardebergensis**
- paarlensis** L.Bolus
Perennial. Succulent. Ht 0.2–0.3 m. Alt 180–300 m.
WC
- pakhuisensis** (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.5 m. Alt 600–1070 m.
WC
- pakpassensis** H.E.K.Hartmann
Ruschia pakhuisensis L.Bolus (5)
Perennial. Succulent. Ht up to 0.3 m. Alt 450–950 m.
WC
- palustris** (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.15–0.25 m. Alt 20–550 m.
WC
- parcus** N.E.Br.
Perennial. Succulent. Ht up to 0.15 m. Alt 200–880 m.
WC
- pauciflorus** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht up to 0.3 m. Alt 900–1500 m.
WC, EC
- paucifolius** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.2–0.3 m. Alt 820–1500 m.
NC, WC
- peacockiae** (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.02–0.04 m. Alt 240–360 m.
WC
- peersii** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht up to 0.35 m. Alt 250–440 m.
WC
- perreptans** L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 100–320 m.
WC
- persistens** (L.Bolus) L.Bolus
Perennial. Succulent. Ht? Alt 1200–1780 m. WC
- piquetbergensis* (L.Bolus) L.Bolus = **Oscularia piquetbergensis**
- plautus** N.E.Br.
Perennial. Succulent. Ht ± 0.26 m. Alt up to 1200 m.
NC
- pleniflorus** L.Bolus
Perennial. Succulent. Ht? Alt 300–650 m. WC
- plenus** (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.5 m. Alt 600–1070 m.
WC
- pocockiae** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht up to 0.14 m. Alt 1100–2000 m. WC
- polyanthon** (Haw.) N.E.Br.
Perennial. Succulent. Ht up to 0.35 m. Alt 20–650 m.
WC

- praecipitatus** (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.35 m. Alt 190–450 m.
EC
- prasinus* L.Bolus = **Oscularia prasina**
- productus** (Haw.) N.E.Br.
L. productus (Haw.) N.E.Br. var. *lepidus* (Haw.) Schwantes (7)
L. productus (Haw.) N.E.Br. var. *purpureus* (L.Bolus) L.Bolus (7)
Perennial. Succulent. Ht up to 0.35 m. Alt 190–450 m.
WC, EC
- productus* (Haw.) N.E.Br. var. *lepidus* (Haw.) Schwantes
= **L. productus**
- productus* (Haw.) N.E.Br. var. *purpureus* (L.Bolus) L.Bolus
= **L. productus**
- profundus** (L.Bolus) H.E.K.Hartmann
Ruschia profunda L.Bolus (5)
Perennial. Succulent. Ht up to 0.35 m. Alt 300–980 m.
WC
- prominulus** (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.35 m. Alt 20–650 m.
WC
- promontorii** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.2–0.25 m. Alt 50–310 m.
WC
- proximus** L.Bolus
Perennial. Succulent. Ht 0.15–0.3 m. Alt 110–300 m.
WC
- punctulatus* (L.Bolus) L.Bolus = **Ruschia punctulata**
- purpureus** L.Bolus
Perennial. Succulent. Ht up to 0.4 m. Alt 300–600 m.
WC
- rabiesbergensis** (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.3–0.4 m. Alt 500–850 m.
WC
- recurvus** (L.Bolus) Schwantes
Perennial. Succulent. Ht 0.15–0.3 m. Alt 110–300 m.
WC
- reptans** (Aiton) N.E.Br.
Perennial. Succulent, creeping. Ht 0.04–0.08 m. Alt
30–300 m. WC
- roseus** (Willd.) Schwantes
Perennial. Succulent. Ht up to 0.6 m. Alt 50–1000 m.
WC, EC
- ruber* (L.Bolus) L.Bolus = **Astridia rubra**
- rubroluteus** (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.18–0.25 m. Alt 600–800 m.
WC
- rupestris** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht up to 0.15 m. Alt 100–330 m.
WC
- rustii** (A.Berger) N.E.Br.
Perennial. Succulent. Ht up to 0.35 m. Alt 20–650 m.
WC
- salicola** (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.2–0.3 m. Alt 300–650 m.
WC
- salteri** (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 100–320 m.
WC
- saturatus** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.3–0.6 m. Alt 120–1010 m.
NC, WC
- saueriae** (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.15–0.3 m. Alt 20–120 m.
WC
- scaber** (L.) N.E.Br.
Perennial. Succulent. Ht 0.2–0.3 m. Alt 180–300 m.
WC
- schlechteri** (Zahlbr.) L.Bolus
Perennial. Succulent. Ht 0.2–0.3 m. Alt ± 160 m. WC
- serpens** (L.Bolus) L.Bolus
Perennial. Succulent, creeping. Ht 0.04–0.08 m. Alt
30–300 m. WC
- simulans** L.Bolus
Perennial. Succulent. Ht 0.2–0.3 m. Alt 40–300 m.
WC
- sociorum** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.04–0.05 m. Alt 140–320 m.
WC
- sparsiflorus** L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 900–1500 m.
WC, EC
- spectabilis** (Haw.) N.E.Br.
Perennial. Succulent, creeping. Ht up to 0.1 m. Alt?
EC
- spiniformis** (Haw.) N.E.Br.
Perennial. Succulent. Ht up to 0.25 m. Alt 100–340 m.
WC
- staminodosus** (L.Bolus) Schwantes
Perennial. Succulent. Ht 0.13–0.22 m. Alt 300–950 m.
WC
- stanfordiae** L.Bolus
Perennial. Succulent. Ht 0.2–0.25 m. Alt 20–100 m.
WC
- stayneri** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht up to 0.35 m. Alt 190–450 m.
EC
- steenbergensis* (L.Bolus) L.Bolus = **Oscularia steen-
bergensis**
- stenopetalus** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.12–0.25 m. Alt 170–350 m.
WC
- stenus** (Haw.) N.E.Br.
L. monticola (L.Bolus) L.Bolus (7)
Perennial. Succulent. Ht up to 0.3 m. Alt 30–900 m.
WC
- stephanii** (Schwantes) Schwantes
Perennial. Succulent. Ht? Alt? WC
- sternens** L.Bolus
Perennial. Succulent. Ht 0.03–0.08 m. Alt 10–100 m.
WC
- stipulaceus** (L.) N.E.Br.
Mesembryanthemum stipulaceum L. (9)
Perennial. Succulent. Ht up to 0.4 m. Alt 50–320 m.
WC
- suavissimus** (L.Bolus) L.Bolus
L. suavissimus (L.Bolus) L.Bolus var. *oculatus* (L.Bolus) L.Bolus (7)
L. suavissimus (L.Bolus) L.Bolus var. *suavissimus* forma *fera*
(L.Bolus) L.Bolus (7)

- Perennial. Succulent. Ht up to 0.7 m. Alt 250–1000 m. N, NC
- suavissimus* (L.Bolus) L.Bolus var. *oculatus* (L.Bolus) L.Bolus = **L. suavissimus**
- suavissimus* (L.Bolus) L.Bolus var. *suavissimus* forma *fera* (L.Bolus) L.Bolus = **L. suavissimus**
- subaequalis** (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.28 m. Alt 950–1150 m. WC
- sublaxus** (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.16 m. Alt 800–1150 m. WC
- subrotundus** L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 20–150 m. WC
- subtruncatus** L.Bolus
L. subtruncatus L.Bolus var. *wupperthalensis* L.Bolus (7)
Perennial. Succulent. Ht up to 0.5 m. Alt 600–1070 m. WC
- subtruncatus* L.Bolus var. *wupperthalensis* L.Bolus = **L. subtruncatus**
- superans* (L.Bolus) L.Bolus = **Oscularia superans**
- swartbergensis** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht? Alt 1100–2130 m. WC
- swartkopensis** Strohschn.
Perennial. Succulent. Ht? Alt? 'SA'
- tegens** (F.Muell.) N.E.Br.
Perennial. Succulent, creeping. Ht 0.1–0.15 m. Alt? WC
- tenuifolius** (L.) N.E.Br.
Perennial. Succulent. Ht 0.1–0.15 m. Alt 30–1000 m. WC
- tenuis** L.Bolus
Perennial. Succulent. Ht up to 0.26 m. Alt 20–80 m. WC
- thermarum* (L.Bolus) L.Bolus = **Oscularia thermarum**
- tulbaghensis** (A.Berger) N.E.Br.
Perennial. Succulent. Ht up to 0.3 m. Alt? WC
- turbinatus** (Jacq.) N.E.Br.
Perennial. Succulent, creeping. Ht up to 0.1 m. Alt? EC
- uncus** (L.Bolus) Schwantes
Ruschia unca (L.Bolus) L.Bolus (7)
Perennial. Succulent. Ht up to 0.25 m. Alt 2000–2200 m. WC
- uniflorus** (L.Bolus) L.Bolus
Drosanthemum uniflorum (L.Bolus) Friedrich ex H.Jacobsen (7)
Perennial. Shrub, succulent. Ht 0.2–0.45 m. Alt 600–1400 m. NC, WC
- uniflorus* (L.Bolus) L.Bolus var. *spathulatus* L.Bolus ex H.Jacobsen = **L. otzenianus**
- vallis-gratiae** (Schltr. & A.Berger) N.E.Br.
Perennial. Succulent. Ht 0.15–0.2 m. Alt ± 700 m. WC
- vanheerdei** L.Bolus
Perennial. Succulent. Ht 0.2–0.4 m. Alt 300–980 m. NC
- vanputtenii** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.3–0.6 m. Alt 120–1010 m. WC
- vanzijliae** (L.Bolus) N.E.Br.
Perennial. Succulent, creeping. Ht 0.05–0.12 m. Alt 300–550 m. WC
- variabilis** (Haw.) N.E.Br.
Perennial. Succulent. Ht 0.15–0.3 m. Alt 20–120 m. WC
- verecundus** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.15–0.2 m. Alt ± 700 m. WC
- vernalis** (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.2–0.3 m. Alt 300–650 m. WC
- vernicolor* (L.Bolus) L.Bolus = **Oscularia vernicolor**
- verruculatus* (L.) L.Bolus = **Scopelogena verruculata**
- viatorum** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht? Alt 500–1100 m. NC
- villiersii** (L.Bolus) L.Bolus
Perennial. Succulent. Ht 0.12–0.25 m. Alt 170–350 m. WC
- violaceus** (DC.) Schwantes in H.Jacobsen
Perennial. Succulent. Ht up to 0.2 m. Alt 20–150 m. WC
- virgatus** L.Bolus
Perennial. Succulent. Ht 0.2–0.3 m. Alt 180–300 m. WC
- vredenburgensis* L.Bolus = **Oscularia vredenburgensis**
- walgatae** L.Bolus
Perennial. Succulent. Ht up to 0.4 m. Alt 300–850 m. WC
- watermeyeri** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht 0.3–0.6 m. Alt 120–1010 m. NC
- woodburniae** (L.Bolus) N.E.Br.
Perennial. Succulent, creeping. Ht 0.04–0.08 m. Alt 30–300 m. WC
- wordsworthiae** (L.Bolus) N.E.Br.
Perennial. Succulent. Ht up to 0.03 m. Alt? WC
- zeyheri** (Salm-Dyck) N.E.Br.
Perennial. Succulent. Ht up to 0.35 m. Alt 190–450 m. EC
- LAPIDARIA** (Dinter & Schwantes) 2405067
N.E.Br.
(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 109.
- margaretae** (Schwantes) Dinter & Schwantes
Perennial. Succulent. Ht up to 0.08 m. Alt 660–1100 m. N, NC
- LEIPOLDTIA** L.Bolus 2405068
(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: tt. 256, 260.
(2) Hartmann. 1983. *Bibliographia Botanica* 136: 1–67.
(3) Hartmann. 1988. *Mitteilungen aus dem Institut für Allgemeine Botanik, Hamburg* 22: 93–187.
(4) Hartmann & Stüber. 1993. *Contributions from the Bolus Herbarium* 15: 1–75.
(5) Hartmann & Rust. 1994. *Verhandlungen des Naturwissenschaftlichen Vereins Hamburg* 34: 275–351.
(6) Hartmann. 1999. *Bradleya* 17: 38–74.
(7) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 109–114.
- alborosea** (L.Bolus) H.E.K.Hartmann & Stüber
Eberlanzia vanheerdei L.Bolus (4)
Mesembryanthemum alboroseum L.Bolus (7)

Perennial. Succulent. Ht up to 0.3 m. Alt 200–1200 m.
N, NC
amplexicaulis (L.Bolus) L.Bolus forma *amplexicaulis* =
L. schultzei
amplexicaulis (L.Bolus) L.Bolus forma *fera* L.Bolus =
L. schultzei
aprica (A.Berger) L.Bolus = **L. schultzei**
brevifolia L.Bolus = **L. schultzei**
britteniae (L.Bolus) L.Bolus = **L. schultzei**
calandra (L.Bolus) L.Bolus
Mesembryanthemum calandrum L.Bolus (5)
Perennial. Succulent. Ht up to 0.11 m. Alt up to 1200
m. NC
compacta L.Bolus
Ruschia gibbosa L.Bolus (6)
Perennial. Succulent. Ht up to 0.08 m. Alt 900–1200
m. NC
compressa L.Bolus var. *compressa* = **Hallianthus planus**
compressa L.Bolus var. *lekkersingensis* L.Bolus = **Hal-**
lianthus planus
constricta (L.Bolus) L.Bolus = **L. schultzei**
framesii L.Bolus = **L. laxa**
frutescens (L.Bolus) H.E.K.Hartmann
Cephalophyllum frutescens L.Bolus (2)
Cephalophyllum frutescens L.Bolus var. *decumbens* L.Bolus (3)
Perennial. Succulent. Ht up to 0.6 m. Alt 30–180 m.
NC, WC
herrei (Schwantes) Schwantes = **L. schultzei**
jacobseniana Schwantes = **L. schultzei**
klaverensis L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 120–350 m.
NC, WC
laxa L.Bolus
L. framesii L.Bolus (5)
Perennial. Succulent. Ht up to 0.35 m. Alt 190–650 m.
NC, WC
lunata H.E.K.Hartmann & Rust
Perennial. Succulent. Ht up to 0.4 m. Alt 190–1220 m.
NC
nelii L.Bolus = **L. schultzei**
pauciflora L.Bolus = **L. schultzei**
plana L.Bolus = **Hallianthus planus**
rosea L.Bolus
Cephalophyllum calvinianum L.Bolus (5)
Cephalophyllum roseum (L.Bolus) L.Bolus (3)
Perennial. Succulent. Ht up to 0.1 m. Alt 180–320 m.
NC, WC
schultzei (Schltr. & Diels) Friedrich
L. amplexicaulis (L.Bolus) L.Bolus forma *amplexicaulis* (5)
L. amplexicaulis (L.Bolus) L.Bolus forma *fera* L.Bolus (5)
L. aprica (A.Berger) L.Bolus (5)
L. brevifolia L.Bolus (5)
L. britteniae (L.Bolus) L.Bolus (5)
L. constricta (L.Bolus) L.Bolus (5)
L. herrei (Schwantes) Schwantes (5)
L. jacobsoniana Schwantes (5)
L. nelii L.Bolus (5)
L. pauciflora L.Bolus (5)
Mesembryanthemum amplexicaulis L.Bolus (5)
Mesembryanthemum apricum A.Berger (5)
Mesembryanthemum britteniae L.Bolus (5)
Mesembryanthemum constrictum L.Bolus (5)
Mesembryanthemum schultzei Schltr. & Diels (5)

Rhopalocyclus herrei Schwantes (5)
Rhopalocyclus nelii Schwantes (5)
Perennial. Succulent. Ht 0.1–0.7 m. Alt 230–1200 m.
NC, WC, EC
uniflora L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt up to 1200
m. NC
weingangiana (Dinter) Dinter & Schwantes subsp. **gran-**
diflora (L.Bolus) H.E.K.Hartmann & Rust
Perennial. Succulent. Ht up to 0.35 m. Alt? N, NC
weingangiana (Dinter) Dinter & Schwantes subsp. **little-**
woodii (L.Bolus) H.E.K.Hartmann & Rust
Perennial. Succulent. Ht up to 0.3 m. Alt? N, NC
weingangiana (Dinter) Dinter & Schwantes subsp.
weingangiana
Cephalophyllum weingangianum (Dinter) Dinter & Schwantes (5)
Mesembryanthemum weingangianum Dinter (5)
Rhopalocyclus weingangianus (Dinter) Dinter & Schwantes (5)
Perennial. Succulent. Ht up to 0.35 m. Alt? N, NC

LITHOPS N.E.Br. 2405069

- (1) Cole & Glen. 1984. *The Flowering Plants of Africa* 48: tt. 1895A, 1895B.
 - (2) Cole. 1988. *Lithops: flowering stones*: 1–254.
 - (3) Cole. 1990. *The Flowering Plants of Africa* 51: tt. 2005A, 2005B.
 - (4) Hammer & Ujjs. 1994. *Aloe* 31: 36–38
 - (5) Hammer. 1999. *Lithops—treasures of the veld*: 1–148.
 - (6) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 114–135.
- alpina* Dinter = **L. pseudotruncatella** subsp. **pseudo-**
truncatella var. **pseudotruncatella**
annae de Boer = **L. gesineae** var. **annae**
archerae de Boer = **L. pseudotruncatella** subsp. **archerae**
aucampiae L.Bolus subsp. **aucampiae**
L. aucampiae L.Bolus subsp. *aucampiae* var. *koelemanii* (de Boer)
D.T.Cole (6)
L. koelemanii de Boer (6)
Perennial. Succulent. Ht up to 0.02 m. Alt 1100–1640
m. NW, NC
aucampiae L.Bolus subsp. *aucampiae* var. *koelemanii*
(de Boer) D.T.Cole = **L. aucampiae** subsp. **aucampiae**
aucampiae L.Bolus subsp. **euniceae** (de Boer) D.T.Cole
L. aucampiae L.Bolus subsp. *euniceae* (de Boer) D.T.Cole var. *flum-*
inalis D.T.Cole (6)
L. aucampiae L.Bolus var. *euniceae* de Boer (2)
L. aucampiae L.Bolus var. *fluminalis* D.T.Cole (6)
Perennial. Succulent. Ht up to 0.02 m. Alt 1100–1250
m. NC
aucampiae L.Bolus subsp. *euniceae* (de Boer) D.T.Cole
var. *fluminalis* D.T.Cole = **L. aucampiae** subsp.
euniceae
aucampiae L.Bolus var. *euniceae* de Boer = **L. aucampiae**
subsp. **euniceae**
aucampiae L.Bolus var. *fluminalis* D.T.Cole = **L. aucampiae**
subsp. **euniceae**
aurantiaca L.Bolus = **L. hookeri**
bella N.E.Br. var. *bella* = **L. karasmontana** subsp. **bella**
bella N.E.Br. var. *eberlanzii* (Dinter & Schwantes) de Boer
& Boom = **L. karasmontana** subsp. **eberlanzii**
bella N.E.Br. var. *lericheana* (Dinter & Schwantes) de
Boer & Boom = **L. karasmontana** subsp. **karas-**
montana
brevis L.Bolus = **L. dinteri** subsp. **dinteri**

bromfieldii L.Bolus

- L. bromfieldii* L.Bolus var. *glaudivae* (de Boer) D.T.Cole (6)
L. bromfieldii L.Bolus var. *insularis* (L.Bolus) B.Fearn (6)
L. bromfieldii L.Bolus var. *insularis* (L.Bolus) B.Fearn forma *sulphurea* Y.Shimada (2)
L. bromfieldii L.Bolus var. *mennellii* (L.Bolus) B.Fearn (6)
L. glaudivae de Boer (2)
L. insularis L.Bolus (6)
L. mennellii L.Bolus (6)

Perennial. Succulent. Ht up to 0.03 m. Alt 980–1300 m. NC

bromfieldii L.Bolus var. *glaudivae* (de Boer) D.T.Cole = **L. bromfieldii**

bromfieldii L.Bolus var. *insularis* (L.Bolus) B.Fearn = **L. bromfieldii**

bromfieldii L.Bolus var. *insularis* (L.Bolus) B.Fearn forma *sulphurea* Y.Shimada = **L. bromfieldii**

bromfieldii L.Bolus var. *mennellii* (L.Bolus) B.Fearn = **L. bromfieldii**

christinae de Boer = **L. schwantesii** subsp. **schwantesii**

chrysocephala Nel = **L. julii** subsp. **julii**

coleorum S.A.Hammer & Uijs

Perennial. Succulent. Ht up to 0.02 m. Alt 920–1150 m. LIM

comptonii L.Bolus

- L. comptonii* L.Bolus var. *weberi* (Nel) D.T.Cole (6)
L. otzeniana Nel var. *weberi* (Nel) B.Fearn (6)
L. weberi Nel (6)

Perennial. Succulent. Ht up to 0.03 m. Alt 800–1550 m. NC, WC

comptonii L.Bolus var. *divergens* (L.Bolus) B.Fearn = **L. divergens**

comptonii L.Bolus var. *divergens* (L.Bolus) B.Fearn forma *amethystina* (de Boer) B.Fearn = **L. divergens**

comptonii L.Bolus var. *viridis* (H.A.Lüchh.) B.Fearn = **L. viridis**

comptonii L.Bolus var. *weberi* (Nel) D.T.Cole = **L. comptonii**

dabneri L.Bolus = **L. hookeri**

damarana (N.E.Br.) N.E.Br. = **L. karasmontana** subsp. **karasmontana**

deboeri Schwantes = **L. villetii** subsp. **deboeri**

dendritica Nel = **L. pseudotruncatella** subsp. **dendritica**

dinteri Schwantes subsp. **dinteri**

- L. brevis* L.Bolus (2)
L. dinteri Schwantes subsp. *dinteri* var. *brevis* (L.Bolus) B.Fearn (6)
 Perennial. Succulent. Ht up to 0.02 m. Alt 910–1070 m. N

dinteri Schwantes subsp. *dinteri* var. *brevis* (L.Bolus) B.Fearn = **L. dinteri** subsp. **dinteri**

dinteri Schwantes subsp. **frederici** (D.T.Cole) D.T.Cole
L. dinteri Schwantes var. *frederici* D.T.Cole (2)

Perennial. Succulent. Ht up to 0.02 m. Alt 890–1200 m. NC

dinteri Schwantes subsp. **multipunctata** (de Boer) D.T.Cole

- L. dinteri* Schwantes var. *multipunctata* de Boer (2)
 Perennial. Succulent. Ht up to 0.01 m. Alt 860–1080 m. N

dinteri Schwantes var. *frederici* D.T.Cole = **L. dinteri** subsp. **frederici**

dinteri Schwantes var. *marthae* (Loesch & Tischer) B.Fearn = **L. schwantesii** subsp. **schwantesii**

dinteri Schwantes var. *multipunctata* de Boer = **L. dinteri** subsp. **multipunctata**

diutina L.Bolus = **L. marmorata**

divergens L.Bolus

- L. comptonii* L.Bolus var. *divergens* (L.Bolus) B.Fearn (2)
L. comptonii L.Bolus var. *divergens* (L.Bolus) B.Fearn forma *amethystina* (de Boer) B.Fearn (2)
L. divergens L.Bolus var. *amethystina* de Boer (6)

Perennial. Succulent. Ht up to 0.02 m. Alt 380–1100 m. NC, WC

divergens L.Bolus var. *amethystina* de Boer = **L. divergens**

dorotheae Nel

- L. eksteeniae* L.Bolus (6)

Perennial. Succulent. Ht up to 0.02 m. Alt 1050–1160 m. NC

eberlanzii (Dinter & Schwantes) N.E.Br. = **L. karasmontana** subsp. **eberlanzii**

edithiae in sense of H.Jacobsen, misapplied name = **L. pseudotruncatella** subsp. **pseudotruncatella**

edithiae in sense of Schwantes, misapplied name = **L. pseudotruncatella** subsp. **pseudotruncatella**

edithiae N.E.Br. = **L. karasmontana** subsp. **eberlanzii**;

eksteeniae L.Bolus = **L. dorotheae**

elevata L.Bolus = **L. optica**

elisabethiae Dinter = **L. pseudotruncatella** subsp. **pseudotruncatella**

elisae de Boer = **L. marmorata**

erniana Tischer ex H.Jacobsen = **L. karasmontana** subsp. **eberlanzii**

erniana Tischer ex H.Jacobsen var. *aiaisensis* de Boer = **L. karasmontana** subsp. **karasmontana**

erniana Tischer ex H.Jacobsen var. *witputzensis* de Boer = **L. karasmontana** subsp. **eberlanzii**

framesii L.Bolus = **L. marmorata**

francisci (Dinter & Schwantes) N.E.Br.

- L. halenbergensis* Tischer (2)
Mesembryanthemum francisci Dinter & Schwantes (6)
 Perennial. Succulent. Ht up to 0.02 m. Alt 530–670 m. N

francisci (Dinter & Schwantes) N.E.Br. var. *annae* (de Boer) B.Fearn = **L. gesineae**

francisci (Dinter & Schwantes) N.E.Br. var. *gesinae* (de Boer) B.Fearn = **L. gesineae**

fulleri N.E.Br. var. *brunnea* de Boer = **L. julii** subsp. **fulleri**

fulleri N.E.Br. var. *chrysocephala* (Nel) de Boer = **L. julii** subsp. **julii**

fulleri N.E.Br. var. *fulleri* = **L. julii** subsp. **fulleri**

fulleri N.E.Br. var. *kennedyi* de Boer = **L. villetii** subsp. **kennedyi**

fulleri N.E.Br. var. *ochracea* de Boer = **L. hallii**

fulleri N.E.Br. var. *rouxii* (de Boer) D.T.Cole = **L. julii** subsp. **fulleri**

fulleri N.E.Br. var. *tapscottii* L.Bolus = **L. julii** subsp. **fulleri**

fulviceps (N.E.Br.) N.E.Br.*L. fulviceps* (N.E.Br.) N.E.Br. var. *lactinea* D.T.Cole (6)*Mesembryanthemum fulviceps* N.E.Br. (6)

Perennial. Succulent. Ht up to 0.03 m. Alt 700–1150 m. N, NC

fulviceps (N.E.Br.) N.E.Br. var. *lactinea* D.T.Cole = **L. fulviceps****gesinae** de Boer*L. annae* de Boer (2)*L. francisci* (Dinter & Schwantes) N.E.Br. var. *annae* (de Boer) B.Fearn (2)*L. francisci* (Dinter & Schwantes) N.E.Br. var. *gesinae* (de Boer) B.Fearn (2)*L. gesinae* de Boer var. *annae* (de Boer) D.T.Cole (2)

Perennial. Succulent. Ht up to 0.02 m. Alt 1200–1620 m. N

gesinae de Boer var. *annae* (de Boer) D.T.Cole = **L. gesinae****geyeri** Nel*L. herrei* L.Bolus var. *geyeri* (Nel) de Boer & Boom (2)*L. hillii* L.Bolus (6)

Perennial. Succulent. Ht up to 0.02 m. Alt 620–790 m. NC

glaudinae de Boer = **L. bromfieldii****gracilidelineata** Dinter subsp. **brandbergensis** (de Boer) D.T.Cole*L. pseudo truncatella* (A.Berger) N.E.Br. var. *brandbergensis* de Boer (2)

Perennial. Succulent. Ht up to 0.02 m. Alt 1900–2574 m. N

gracilidelineata Dinter subsp. **gracilidelineata***L. gracilidelineata* Dinter subsp. *gracilidelineata* var. *waldroniae* de Boer (6)*L. pseudo truncatella* (A.Berger) N.E.Br. var. *gracilidelineata* (Dinter) B.Fearn (2)*L. pseudo truncatella* (A.Berger) N.E.Br. var. *gracilidelineata* (Dinter) B.Fearn forma *waldroniae* (de Boer) B.Fearn (2)*L. streyi* Schwantes (2)

Perennial. Succulent. Ht up to 0.02 m. Alt 180–1430 m. N

gracilidelineata Dinter subsp. *gracilidelineata* var. *waldroniae* de Boer = **L. gracilidelineata** subsp. **gracilidelineata***guelmi* L.Bolus = **L. schwantesii** subsp. **schwantesii** *halenbergensis* Tischer (insufficiently known)**hallii** de Boer*L. fulleri* N.E.Br. var. *ochracea* de Boer (2)*L. hallii* de Boer var. *ochracea* (de Boer) D.T.Cole (6)

Perennial. Succulent. Ht up to 0.02 m. Alt 830–1500 m. NC

hallii de Boer var. *ochracea* (de Boer) D.T.Cole = **L. hallii****helmutii** L.Bolus

Perennial. Succulent. Ht up to 0.03 m, when in flower. Alt 1080–1160 m. NC

hermetica D.T.Cole

Perennial. Succulent. Ht up to 0.025 m. Alt 20–180 m. N

herrei L.Bolus*L. herrei* L.Bolus var. *plena* L.Bolus (2)*L. translucens* L.Bolus (2)

Perennial. Succulent. Ht up to 0.03 m. Alt 100–640 m. N, NC

herrei L.Bolus forma *albiflora* H.Jacobsen = **L. mar-morata***herrei* L.Bolus var. *geyeri* (Nel) de Boer & Boom = **L. geyeri***herrei* L.Bolus var. *plena* L.Bolus = **L. herrei***hillii* L.Bolus = **L. geyeri****hookeri** (A.Berger) Schwantes*L. aurantiaca* L.Bolus (2)*L. dabneri* L.Bolus (2)*L. hookeri* (A.Berger) Schwantes var. *dabneri* (L.Bolus) D.T.Cole (6)*L. hookeri* (A.Berger) Schwantes var. *elephina* (D.T.Cole) D.T.Cole (6)*L. hookeri* (A.Berger) Schwantes var. *lutea* (de Boer) D.T.Cole (6)*L. hookeri* (A.Berger) Schwantes var. *marginata* (Nel) D.T.Cole (6)*L. hookeri* (A.Berger) Schwantes var. *subfenestrata* (de Boer) D.T.Cole (6)*L. hookeri* (A.Berger) Schwantes var. *susannae* (D.T.Cole) D.T.Cole (6)*L. marginata* Nel (2)*L. turbiniformis* in sense of N.E.Br., not of Haw., misapplied name (2)*L. turbiniformis* in sense of N.E.Br. var. *brunneo-violacea* de Boer, misapplied name (2)*L. turbiniformis* in sense of N.E.Br. var. *dabneri* (L.Bolus) D.T.Cole, misapplied name (2)*L. turbiniformis* in sense of N.E.Br. var. *elephina* D.T.Cole, misapplied name (2)*L. turbiniformis* in sense of N.E.Br. var. *lutea* de Boer, misapplied name (2)*L. turbiniformis* in sense of N.E.Br. var. *marginata* (Nel) D.T.Cole, misapplied name (2)*L. turbiniformis* in sense of N.E.Br. var. *subfenestrata* de Boer, misapplied name (2)*L. turbiniformis* in sense of N.E.Br. var. *susannae* D.T.Cole, misapplied name (2)*Mesembryanthemum hookeri* A.Berger (6)*Mesembryanthemum truncatellum* Hook.f., not of Haw. (2)*Mesembryanthemum turbiniforme* in sense of N.E.Br., not of Haw., misapplied name (2)

Perennial. Succulent. Ht up to 0.02 m. Alt 890–1460 m. NC

hookeri (A.Berger) Schwantes var. *dabneri* (L.Bolus) D.T.Cole = **L. hookeri***hookeri* (A.Berger) Schwantes var. *elephina* (D.T.Cole) D.T.Cole = **L. hookeri***hookeri* (A.Berger) Schwantes var. *lutea* (de Boer) D.T.Cole = **L. hookeri***hookeri* (A.Berger) Schwantes var. *marginata* (Nel) D.T.Cole = **L. hookeri***hookeri* (A.Berger) Schwantes var. *subfenestrata* (de Boer) D.T.Cole = **L. hookeri***hookeri* (A.Berger) Schwantes var. *susannae* (D.T.Cole) D.T.Cole = **L. hookeri***inae* Nel = **L. verruculosa***insularis* L.Bolus = **L. bromfieldii****julii** (Dinter & Schwantes) N.E.Br. subsp. **fulleri** (N.E.Br.) B.Fearn*L. fulleri* N.E.Br. var. *brunnea* de Boer (2)*L. fulleri* N.E.Br. var. *fulleri* (2)*L. fulleri* N.E.Br. var. *rouxii* (de Boer) D.T.Cole (2)*L. fulleri* N.E.Br. var. *tapscottii* L.Bolus (2)*L. julii* (Dinter & Schwantes) N.E.Br. subsp. *fulleri* (N.E.Br.) B.Fearn var. *brunnea* de Boer (6)*L. julii* (Dinter & Schwantes) N.E.Br. subsp. *fulleri* (N.E.Br.) B.Fearn var. *rouxii* (de Boer) D.T.Cole (6)*L. julii* (Dinter & Schwantes) N.E.Br. var. *rouxii* de Boer (2)*L. maughanii* N.E.Br. (2)

Perennial. Succulent. Ht up to 0.02 m. Alt 870–1150 m. NC

julii (Dinter & Schwantes) N.E.Br. subsp. *fulleri* (N.E.Br.) B.Fearn var. *brunnea* de Boer = **L. julii** subsp. **fulleri**

julii (Dinter & Schwantes) N.E.Br. subsp. *fulleri* (N.E.Br.) B.Fearn var. *rouxii* (de Boer) D.T.Cole = **L. julii** subsp. **fulleri**

julii (Dinter & Schwantes) N.E.Br. subsp. **julii**

L. chrysocephala Nel (2)

L. fulleri N.E.Br. var. *chrysocephala* (Nel) de Boer (2)

L. julii (Dinter & Schwantes) N.E.Br. var. *littlewoodii* de Boer (2)

L. julii (Dinter & Schwantes) N.E.Br. var. *reticulata* Tischer ex de Boer (2)

L. lactea Schick & Tischer (2)

Mesembryanthemum julii Dinter & Schwantes (6)

Perennial. Succulent. Ht up to 0.02 m. Alt 550–1069 m. N

julii (Dinter & Schwantes) N.E.Br. var. *littlewoodii* de Boer = **L. julii** subsp. **julii**

julii (Dinter & Schwantes) N.E.Br. var. *reticulata* Tischer ex de Boer = **L. julii** subsp. **julii**

julii (Dinter & Schwantes) N.E.Br. var. *rouxii* de Boer = **L. julii** subsp. **fulleri**

karasmontana (Dinter & Schwantes) N.E.Br. subsp. **bella** (N.E.Br.) D.T.Cole

L. bella N.E.Br. var. *bella* (2)

Mesembryanthemum bellum (N.E.Br.) Dinter (2)

Perennial. Succulent. Ht up to 0.02 m. Alt 1200–1300 m. N

karasmontana (Dinter & Schwantes) N.E.Br. subsp. **eberlanzii** (Dinter & Schwantes) D.T.Cole

L. bella N.E.Br. var. *eberlanzii* (Dinter & Schwantes) de Boer & Boom (2)

L. eberlanzii (Dinter & Schwantes) N.E.Br. (2)

L. edithiae N.E.Br. (2)

L. erniana Tischer ex H.Jacobsen (2)

L. erniana Tischer ex H.Jacobsen var. *witputzensis* de Boer (2)

Mesembryanthemum eberlanzii Dinter & Schwantes (2)

Perennial. Succulent. Ht up to 0.02 m. Alt 1000–1550 m. N

karasmontana (Dinter & Schwantes) N.E.Br. subsp. **karasmontana**

L. bella N.E.Br. var. *lericheana* (Dinter & Schwantes) de Boer & Boom (2)

L. damarana (N.E.Br.) N.E.Br. (2)

L. erniana Tischer ex H.Jacobsen var. *aiasisensis* de Boer (2)

L. karasmontana (Dinter & Schwantes) N.E.Br. subsp. *karasmontana* var. *aiasisensis* (de Boer) D.T.Cole (6)

L. karasmontana (Dinter & Schwantes) N.E.Br. subsp. *karasmontana* var. *lericheana* (Dinter & Schwantes) D.T.Cole (6)

L. karasmontana (Dinter & Schwantes) N.E.Br. subsp. *karasmontana* var. *tischeri* D.T.Cole (6)

L. karasmontana (Dinter & Schwantes) N.E.Br. var. *mickbergensis* (Dinter) de Boer & Boom (2)

L. karasmontana (Dinter & Schwantes) N.E.Br. var. *opalina* (Dinter) de Boer & Boom (2)

L. karasmontana (Dinter & Schwantes) N.E.Br. var. *summitatum* (Dinter) de Boer & Boom (2)

L. lateritia Dinter (2)

L. lericheana Dinter & Schwantes (2)

L. lericheana (Dinter & Schwantes) Dinter & Schwantes (2)

L. lericheana (Dinter & Schwantes) N.E.Br. (2)

L. mickbergensis Dinter (2)

L. opalina Dinter (2)

L. summitatum Dinter (2)

Mesembryanthemum damaranum N.E.Br. (2)

Mesembryanthemum karasmontanum Dinter & Schwantes (6)

Mesembryanthemum lericheanum Dinter & Schwantes (2)

Perennial. Succulent. Ht up to 0.02 m. Alt 1200–2200 m. N

karasmontana (Dinter & Schwantes) N.E.Br. subsp. *karasmontana* var. *aiasisensis* (de Boer) D.T.Cole = **L. karasmontana** subsp. **karasmontana**

karasmontana (Dinter & Schwantes) N.E.Br. subsp. *karasmontana* var. *lericheana* (Dinter & Schwantes) D.T.Cole = **L. karasmontana** subsp. **karasmontana**

karasmontana (Dinter & Schwantes) N.E.Br. subsp. *karasmontana* var. *tischeri* D.T.Cole = **L. karasmontana** subsp. **karasmontana**

karasmontana (Dinter & Schwantes) N.E.Br. var. *mickbergensis* (Dinter) de Boer & Boom = **L. karasmontana** subsp. **karasmontana**

karasmontana (Dinter & Schwantes) N.E.Br. var. *opalina* (Dinter) de Boer & Boom = **L. karasmontana** subsp. **karasmontana**

karasmontana (Dinter & Schwantes) N.E.Br. var. *summitatum* (Dinter) de Boer & Boom = **L. karasmontana** subsp. **karasmontana**

koelemanii de Boer = **L. aucampiae** subsp. **aucampiae** *kuibisensis* Dinter ex H.Jacobsen = **L. schwantesii** subsp. **schwantesii**

kunjasensis Dinter = **L. schwantesii** subsp. **schwantesii** *lactea* Schick & Tischer = **L. julii** subsp. **julii**

lateritia Dinter = **L. karasmontana** subsp. **karasmontana**

lericheana Dinter & Schwantes = **L. karasmontana** subsp. **karasmontana**

lericheana (Dinter & Schwantes) Dinter & Schwantes = **L. karasmontana** subsp. **karasmontana**

lericheana (Dinter & Schwantes) N.E.Br. = **L. karasmontana** subsp. **karasmontana**

lesliei (N.E.Br.) N.E.Br. forma *minor* (de Boer) B.Fearn = **L. lesliei** subsp. **lesliei**

lesliei (N.E.Br.) N.E.Br. subsp. **burchellii** D.T.Cole
Perennial. Succulent. Ht up to 0.01 m. Alt 1030–1350 m. NC

lesliei (N.E.Br.) N.E.Br. subsp. **lesliei**

L. lesliei (N.E.Br.) N.E.Br. forma *minor* (de Boer) B.Fearn (2)

L. lesliei (N.E.Br.) N.E.Br. subsp. *lesliei* var. *hornii* de Boer (6)

L. lesliei (N.E.Br.) N.E.Br. subsp. *lesliei* var. *mariae* D.T.Cole (6)

L. lesliei (N.E.Br.) N.E.Br. subsp. *lesliei* var. *minor* de Boer (6)

L. lesliei (N.E.Br.) N.E.Br. subsp. *lesliei* var. *rubrobrunnea* de Boer (2)

L. lesliei (N.E.Br.) N.E.Br. subsp. *lesliei* var. *venteri* (Nel) de Boer & Boom (6)

L. lesliei (N.E.Br.) N.E.Br. var. *lesliei* ‘Albiflora’ D.T.Cole (2)

L. lesliei (N.E.Br.) N.E.Br. var. *lesliei* ‘Albinica’ D.T.Cole (2)

L. lesliei (N.E.Br.) N.E.Br. var. *luteoviridis* de Boer (2)

L. lesliei (N.E.Br.) N.E.Br. var. *maraisii* de Boer (2)

L. venteri Nel (2)

Mesembryanthemum ferrugineum Schwantes (2)

Mesembryanthemum lesliei N.E.Br. (6)

Perennial. Succulent. Ht up to 0.01 m. Alt 900–1950 m. B, LIM, NW, G, FS, NC

lesliei (N.E.Br.) N.E.Br. subsp. *lesliei* var. *hornii* de Boer = **L. lesliei** subsp. **lesliei**

lesliei (N.E.Br.) N.E.Br. subsp. *lesliei* var. *mariae* D.T.Cole = **L. lesliei** subsp. **lesliei**

lesliei (N.E.Br.) N.E.Br. subsp. *lesliei* var. *minor* de Boer = **L. lesliei** subsp. **lesliei**

lesliei (N.E.Br.) N.E.Br. subsp. *lesliei* var. *rubrobrunnea* de Boer = **L. lesliei** subsp. **lesliei**

lesliei (N.E.Br.) N.E.Br. subsp. *lesliei* var. *venteri* (Nel) de Boer & Boom = **L. lesliei** subsp. **lesliei**

lesliei (N.E.Br.) N.E.Br. var. *lesliei* ‘Albiflora’ D.T.Cole = **L. lesliei** subsp. **lesliei**

- lesliei* (N.E.Br.) N.E.Br. var. *lesliei* 'Albinica' D.T.Cole = **L. lesliei** subsp. **lesliei**
- lesliei* (N.E.Br.) N.E.Br. var. *luteoviridis* de Boer = **L. lesliei** subsp. **lesliei**
- lesliei* (N.E.Br.) N.E.Br. var. *maraisii* de Boer = **L. lesliei** subsp. **lesliei**
- lineata* Nel = **L. ruschiorum**
- localis** (N.E.Br.) Schwantes
L. localis in sense of de Boer, misapplied name (2)
L. localis in sense of de Boer & Boom, misapplied name (2)
L. localis in sense of de Boer & Boom var. *peersii* (L.Bolus) de Boer & Boom, misapplied name (2)
L. localis in sense of de Boer & Boom var. *terricolor* (N.E.Br.) de Boer & Boom, misapplied name (2)
L. peersii L.Bolus (6)
L. terricolor N.E.Br. (2)
 Perennial. Succulent. Ht up to 0.02 m. Alt 800–1150 m. NC, EC
- localis* in sense of de Boer, misapplied name = **L. localis**
- localis* in sense of de Boer & Boom, misapplied name = **L. localis**
- localis* in sense of de Boer & Boom var. *peersii* (L.Bolus) de Boer & Boom, misapplied name = **L. localis**
- localis* in sense of de Boer & Boom var. *terricolor* (N.E.Br.) de Boer & Boom, misapplied name = **L. localis**
- marginata* Nel = **L. hookeri**
- marmorata** (N.E.Br.) N.E.Br.
L. diutina L.Bolus (6)
L. elisae de Boer (6)
L. framesii L.Bolus (6)
L. herrei L.Bolus forma *albiflora* H.Jacobsen (2)
L. marmorata (N.E.Br.) N.E.Br. var. *elisae* (de Boer) D.T.Cole (6)
L. umdausensis L.Bolus (6)
Mesembryanthemum marmoratum N.E.Br. (6)
 Perennial. Succulent. Ht up to 0.01 m. Alt up to 1320 m. NC
- marmorata* (N.E.Br.) N.E.Br. var. *elisae* (de Boer) D.T.Cole = **L. marmorata**
- marthae* Loesch & Tischer = **L. schwantesii** subsp. **schwantesii**
- maughanii* N.E.Br. = **L. julii** subsp. **fulleri**
- mennellii* L.Bolus = **L. bromfieldii**
- meyeri** L.Bolus
 Perennial. Succulent. Ht up to 0.02 m. Alt 825–1000 m. NC
- mickbergensis* Dinter = **L. karasmontana** subsp. **karasmontana**
- mundtii* Tischer = **L. pseudotruncatella** subsp. **pseudotruncatella**
- naureniae** D.T.Cole
 Perennial. Succulent. Ht up to 0.01 m. Alt 1000–1200 m. NC
- nelii* Schwantes = **L. ruschiorum**
- olivacea** L.Bolus
L. olivacea L.Bolus var. *nebrownii* D.T.Cole (6)
 Perennial. Succulent. Ht up to 0.02 m. Alt 1030–1150 m. NC
- olivacea* L.Bolus var. *nebrownii* D.T.Cole = **L. olivacea**
- opalina* Dinter = **L. karasmontana** subsp. **karasmontana**
- optica** (Marloth) N.E.Br.
L. elevata L.Bolus (6)
L. optica (Marloth) N.E.Br. cv. 'rubra' (Tischer) H.Jacobsen (6)
Mesembryanthemum opticum Marloth (6)
 Perennial. Succulent. Ht up to 0.02 m. Alt 50–450 m. N
- optica* (Marloth) N.E.Br. cv. 'rubra' (Tischer) H.Jacobsen = **L. optica**
- otzeniana** Nel
 Perennial. Succulent. Ht up to 0.02 m. Alt 825–1000 m. NC
- otzeniana* Nel var. *weberi* (Nel) B.Fearn = **L. comptonii**
- peersii* L.Bolus = **L. localis**
- pillansii* L.Bolus = **L. ruschiorum**
- pseudotruncatella* (A.Berger) N.E.Br. forma *mundtii* (Tischer) H.Jacobsen = **L. pseudotruncatella** subsp. **pseudotruncatella**
- pseudotruncatella** (A.Berger) N.E.Br. subsp. **archerae** (de Boer) D.T.Cole
L. archerae de Boer (2)
L. pseudotruncatella (A.Berger) N.E.Br. var. *archerae* (de Boer) D.T.Cole (2)
 Perennial. Succulent. Ht up to 0.015 m. Alt 1500–1770 m. N
- pseudotruncatella** (A.Berger) N.E.Br. subsp. **dendritica** (Nel) D.T.Cole
L. dendritica Nel (2)
L. pseudotruncatella (A.Berger) N.E.Br. var. *dendritica* (Nel) de Boer & Boom (2)
 Perennial. Succulent. Ht up to 0.015 m. Alt 1500–1870 m. N
- pseudotruncatella** (A.Berger) N.E.Br. subsp. **groendrayensis** (H.Jacobsen) D.T.Cole
L. pseudotruncatella (A.Berger) N.E.Br. var. *groendrayensis* H.Jacobsen (2)
L. vallis-mariae (Dinter & Schwantes) N.E.Br. var. *groendraaiensis* (H.Jacobsen) de Boer (2)
 Perennial. Succulent. Ht up to 0.015 m. Alt 1490–1520 m. N
- pseudotruncatella** (A.Berger) N.E.Br. subsp. **pseudotruncatella**
L. alpina Dinter (2)
L. edithiae in sense of H.Jacobsen, misapplied name (2)
L. edithiae in sense of Schwantes, misapplied name (2)
L. elisabethiae Dinter (2)
L. mundtii Tischer (2)
L. pseudotruncatella (A.Berger) N.E.Br. forma *mundtii* (Tischer) H.Jacobsen (2)
L. pseudotruncatella (A.Berger) N.E.Br. subsp. *pseudotruncatella* var. *elisabethae* (Dinter) de Boer & Boom (6)
L. pseudotruncatella (A.Berger) N.E.Br. subsp. *pseudotruncatella* var. *riehmerae* D.T.Cole (6)
L. pseudotruncatella (A.Berger) N.E.Br. var. *alpina* (Dinter) Boom (2)
L. pseudotruncatella (A.Berger) N.E.Br. var. *alta* Tischer (2)
L. pseudotruncatella (A.Berger) N.E.Br. var. *edithiae* (N.E.Br.) de Boer & Boom (2)
L. pseudotruncatella (A.Berger) N.E.Br. var. *mundtii* (Tischer) H.Jacobsen (2)
Mesembryanthemum pseudotruncatellum A.Berger (6)
Mesembryanthemum truncatellum in sense of Dinter, not of Haw. (2)
 Perennial. Succulent. Ht up to 0.015 m. Alt 1800–2080 m. N
- pseudotruncatella* (A.Berger) N.E.Br. subsp. *pseudotruncatella* var. *elisabethae* (Dinter) de Boer & Boom = **L. pseudotruncatella** subsp. **pseudotruncatella**
- pseudotruncatella* (A.Berger) N.E.Br. subsp. *pseudotruncatella* var. *riehmerae* D.T.Cole = **L. pseudotruncatella** subsp. **pseudotruncatella**

pseudotruncatella (A.Berger) N.E.Br. subsp. **volkii** (Schwantes ex de Boer & Boom) D.T.Cole
L. pseudotruncatella (A.Berger) N.E.Br. var. *volkii* Schwantes ex de Boer & Boom (2)
 Perennial. Succulent. Ht up to 0.015 m. Alt 2000–2260 m. N

pseudotruncatella (A.Berger) N.E.Br. var. *alpina* (Dinter) Boom = **L. pseudotruncatella** subsp. **pseudotruncatella**

pseudotruncatella (A.Berger) N.E.Br. var. *alta* Tischer = **L. pseudotruncatella** subsp. **pseudotruncatella**

pseudotruncatella (A.Berger) N.E.Br. var. *archerae* (de Boer) D.T.Cole = **L. pseudotruncatella** subsp. **archerae**

pseudotruncatella (A.Berger) N.E.Br. var. *brandbergensis* de Boer = **L. gracilidelinata** subsp. **brandbergensis**

pseudotruncatella (A.Berger) N.E.Br. var. *dendritica* (Nel) de Boer & Boom = **L. pseudotruncatella** subsp. **dendritica**

pseudotruncatella (A.Berger) N.E.Br. var. *edithiae* (N.E.Br.) de Boer & Boom = **L. pseudotruncatella** subsp. **pseudotruncatella**

pseudotruncatella (A.Berger) N.E.Br. var. *gracilidelinata* (Dinter) B.Fearn = **L. gracilidelinata** subsp. **gracilidelinata**

pseudotruncatella (A.Berger) N.E.Br. var. *gracilidelinata* (Dinter) B.Fearn forma *waldronae* (de Boer) B.Fearn = **L. gracilidelinata** subsp. **gracilidelinata**

pseudotruncatella (A.Berger) N.E.Br. var. *groendrayensis* H.Jacobsen = **L. pseudotruncatella** subsp. **groendrayensis**

pseudotruncatella (A.Berger) N.E.Br. var. *mundtii* (Tischer) H.Jacobsen = **L. pseudotruncatella** subsp. **pseudotruncatella**

pseudotruncatella (A.Berger) N.E.Br. var. *volkii* Schwantes ex de Boer & Boom = **L. pseudotruncatella** subsp. **volkii**

rugosa Dinter = **L. schwantesii** subsp. **schwantesii**

ruschiorum (Dinter & Schwantes) N.E.Br.
L. lineata Nel (2)
L. nelii Schwantes (2)
L. pillansii L.Bolus (2)
L. ruschiorum (Dinter & Schwantes) N.E.Br. var. *lineata* (Nel) D.T.Cole (6)
L. ruschiorum (Dinter & Schwantes) N.E.Br. var. *nelii* (Schwantes) de Boer & Boom (2)
Mesembryanthemum ruschiorum Dinter & Schwantes (6)
 Perennial. Succulent. Ht up to 0.02 m. Alt 100–550 m. N

ruschiorum (Dinter & Schwantes) N.E.Br. var. *lineata* (Nel) D.T.Cole = **L. ruschiorum**

ruschiorum (Dinter & Schwantes) N.E.Br. var. *nelii* (Schwantes) de Boer & Boom = **L. ruschiorum**

salicola L.Bolus
 Perennial. Succulent. Ht up to 0.02 m. Alt 1000–1350 m. FS, NC

schwantesii Dinter subsp. **gebseri** (de Boer) D.T.Cole
L. schwantesii Dinter var. *gebseri* de Boer (2)
 Perennial. Succulent. Ht up to 0.02 m. Alt 1200–1650 m. N

schwantesii Dinter subsp. **schwantesii**
L. christinae de Boer (2)
L. dinteri Schwantes var. *marthae* (Loesch & Tischer) B.Fearn (2)
L. gulielmi L.Bolus (6)
L. kuibisensis Dinter ex H.Jacobsen (6)
L. kunjasensis Dinter (2)
L. marthae Loesch & Tischer (2)
L. rugosa Dinter (2)
L. schwantesii Dinter subsp. *schwantesii* var. *marthae* (Loesch & Tischer) D.T.Cole (6)
L. schwantesii Dinter subsp. *schwantesii* var. *rugosa* (Dinter) de Boer & Boom (6)
L. schwantesii Dinter subsp. *schwantesii* var. *urikosensis* (Dinter) de Boer & Boom (6)
L. schwantesii Dinter var. *christinae* (de Boer) B.Fearn (6)
L. schwantesii Dinter var. *kunjasensis* (Dinter) de Boer & Boom (2)
L. schwantesii Dinter var. *nutupsdriftensis* de Boer (2)
L. schwantesii Dinter var. *triebneri* (L.Bolus) de Boer & Boom (2)
L. triebneri L.Bolus (2)
L. urikosensis Dinter (2)
 Perennial. Succulent. Ht up to 0.02 m. Alt 1100–1500 m. N

schwantesii Dinter subsp. *schwantesii* var. *marthae* (Loesch & Tischer) D.T.Cole = **L. schwantesii** subsp. **schwantesii**

schwantesii Dinter subsp. *schwantesii* var. *rugosa* (Dinter) de Boer & Boom = **L. schwantesii** subsp. **schwantesii**

schwantesii Dinter subsp. *schwantesii* var. *urikosensis* (Dinter) de Boer & Boom = **L. schwantesii** subsp. **schwantesii**

schwantesii Dinter var. *christinae* (de Boer) B.Fearn = **L. schwantesii** subsp. **schwantesii**

schwantesii Dinter var. *gebseri* de Boer = **L. schwantesii** subsp. **gebseri**

schwantesii Dinter var. *kunjasensis* (Dinter) de Boer & Boom = **L. schwantesii** subsp. **schwantesii**

schwantesii Dinter var. *nutupsdriftensis* de Boer = **L. schwantesii** subsp. **schwantesii**

schwantesii Dinter var. *triebneri* (L.Bolus) de Boer & Boom = **L. schwantesii** subsp. **schwantesii**

streyi Schwantes = **L. gracilidelinata** subsp. **gracilidelinata**

summitatum Dinter = **L. karasmontana** subsp. **karasmontana**

terricolor N.E.Br. = **L. localis**

translucens L.Bolus = **L. herrei**

triebneri L.Bolus = **L. schwantesii** subsp. **schwantesii**

turbinformis in sense of N.E.Br., misapplied name = **L. hookeri**

turbinformis in sense of N.E.Br. var. *brunneo-violacea* de Boer, misapplied name = **L. hookeri**

turbinformis in sense of N.E.Br. var. *dabneri* (L.Bolus) D.T.Cole, misapplied name = **L. hookeri**

turbinformis in sense of N.E.Br. var. *elephina* D.T.Cole, misapplied name = **L. hookeri**

turbinformis in sense of N.E.Br. var. *lutea* de Boer, misapplied name = **L. hookeri**

turbinformis in sense of N.E.Br. var. *marginata* (Nel) D.T.Cole, misapplied name = **L. hookeri**

turbinformis in sense of N.E.Br. var. *subfenestrata* de Boer, misapplied name = **L. hookeri**

turbiniiformis in sense of N.E.Br. var. *susannae*
D.T.Cole, misapplied name = **L. hookeri**

umdausensis L.Bolus = **L. marmorata**

urikosensis Dinter = **L. schwantesii** subsp. **schwantesii**

vallis-mariae (Dinter & Schwantes) N.E.Br.

L. vallis-mariae (Dinter & Schwantes) N.E.Br. var. *margarethae* de Boer (6)

Mesembryanthemum vallis-mariae Dinter & Schwantes (6)

Perennial. Succulent. Ht up to 0.02 m. Alt 1100–1300 m. N

vallis-mariae (Dinter & Schwantes) N.E.Br. var. *groendraaiensis* (H.Jacobsen) de Boer = **L. pseudotruncatella** subsp. **groendrayensis**

vallis-mariae (Dinter & Schwantes) N.E.Br. var. *margarethae* de Boer = **L. vallis-mariae**

vanzylia L.Bolus = **Dinteranthus vanzylia**

venteri Nel = **L. lesliei** subsp. **lesliei**

verruculosa Nel

L. inae Nel (2)

L. verruculosa Nel var. *glabra* de Boer (6)

L. verruculosa Nel var. *inae* (Nel) de Boer & Boom (2)

Perennial. Succulent. Ht up to 0.02 m. Alt 950–1250 m. NC

verruculosa Nel var. *glabra* de Boer = **L. verruculosa**

verruculosa Nel var. *inae* (Nel) de Boer & Boom = **L. verruculosa**

villetii L.Bolus subsp. **deboeri** (Schwantes) D.T.Cole

L. deboeri Schwantes (2)

L. villetii L.Bolus var. *deboeri* (Schwantes) D.T.Cole (2)

Perennial. Succulent. Ht up to 0.02 m. Alt up to 1150 m. NC

villetii L.Bolus subsp. **kennedyi** (de Boer) D.T.Cole

L. fulleri N.E.Br. var. *kennedyi* de Boer (2)

L. villetii L.Bolus var. *kennedyi* (de Boer) D.T.Cole (2)

Perennial. Succulent. Ht up to 0.02 m. Alt 900–1200 m. NC

villetii L.Bolus subsp. **villetii**

Perennial. Succulent. Ht up to 0.02 m. Alt 920–1075 m. NC

villetii L.Bolus var. *deboeri* (Schwantes) D.T.Cole = **L. villetii** subsp. **deboeri**

villetii L.Bolus var. *kennedyi* (de Boer) D.T.Cole = **L. villetii** subsp. **kennedyi**

viridis H.A.Lückh.

L. comptonii L.Bolus var. *viridis* (H.A.Lückh.) B.Fearn (2)

Perennial. Succulent. Ht up to 0.02 m. Alt 690–930 m. NC

weberi Nel = **L. comptonii**

wernerii Schwantes & H.Jacobsen

Perennial. Succulent. Ht up to 0.02 m. Alt 1750–2300 m. N

MACHAIROPHYLLUM 2405070
Schwantes

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 136, 137.

(2) Kurzweil & Chesselet. 2003. *Bothalia* 33: 19–39.

acuminatum L.Bolus = **M. bijliae**

albidum (L.) Schwantes

M. cookii (L.Bolus) Schwantes (2)

Perennial. Succulent. Ht up to 0.17 m. Alt 330–600 m. WC

baxteri L.Bolus = **M. bijliae**

bijliae (N.E.Br.) L.Bolus

M. acuminatum L.Bolus (2)

M. baxteri L.Bolus (2)

M. stenopetalum L.Bolus (2)

M. vanbredai L.Bolus (2)

Perennial. Succulent. Ht up to 0.14 m. Alt 570–1560 m. WC, EC

brevifolium L.Bolus

M. latifolium L.Bolus (2)

Perennial. Succulent. Ht 0.03–0.05 m. Alt 500–600 m. WC

cookii (L.Bolus) Schwantes = **M. albidum**

latifolium L.Bolus = **M. brevifolium**

stayneri L.Bolus

Perennial. Succulent. Ht up to 0.15 m. Alt? EC

stenopetalum L.Bolus = **M. bijliae**

vanbredai L.Bolus = **M. bijliae**

MALEPHORA N.E.Br. 2405071

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 255.

(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 138–141.

crassa (L.Bolus) H.Jacobsen & Schwantes

Perennial. Succulent. Ht up to 0.3 m. Alt 470–600 m. NC, WC

crocea (Jacq.) Schwantes

Perennial. Succulent. Ht up to 0.3 m. Alt 1100–1600 m. NC

crocea (Jacq.) Schwantes var. *purpureo-crocea* (Haw.) H.Jacobsen = **M. purpureo-crocea**

engleriana (Dinter & A.Berger) Schwantes

Perennial. Succulent. Ht up to 0.3 m. Alt 1300–1700 m. N

flavo-crocea (Haw.) H.Jacobsen & Schwantes

Perennial. Succulent. Ht up to 0.4 m. Alt 1100–1600 m. NC

framesii (L.Bolus) H.Jacobsen & Schwantes

Perennial. Succulent. Ht up to 0.2 m. Alt 50–190 m. WC

herrei (Schwantes) Schwantes

Perennial. Succulent. Ht up to 0.3 m. Alt ± 1500 m. FS

latipetala (L.Bolus) H.Jacobsen & Schwantes

Perennial. Succulent. Ht up to 0.2 m. Alt 400–950 m. WC

lutea (Haw.) Schwantes

Perennial. Succulent. Ht up to 0.3 m. Alt 500–800 m. WC

luteola (Haw.) Schwantes

Perennial. Succulent. Ht up to 0.3 m. Alt 500–800 m. WC

mollis (Aiton) N.E.Br.

Perennial. Succulent. Ht up to 0.5 m. Alt 50–850 m. WC, EC

ochracea (A.Berger) H.E.K.Hartmann

Glottiphyllum ochraceum (A.Berger) N.E.Br. (2)

Perennial. Succulent. Ht? Alt? 'SA'

purpureo-crocea (Haw.) Schwantes

M. crocea (Jacq.) Schwantes var. *purpureo-crocea* (Haw.) H.Jacobsen (2)

Perennial. Succulent. Ht up to 0.3 m. Alt 175–1100 m.
NC, WC

smithii (L.Bolus) H.E.K.Hartmann

Perennial. Succulent. Ht 0.035–0.04 m. Alt 1400–1500 m. FS

thunbergii (Haw.) Schwantes

Crocanthus thunbergii (Haw.) L.Bolus (2)

Perennial. Succulent. Ht up to 0.2 m. Alt 250–1100 m.
EC

uitenhagensis (L.Bolus) H.Jacobsen & Schwantes

Perennial. Succulent. Ht up to 0.3 m. Alt 550–1200 m.
WC

verruculoides (Sond.) Schwantes

Perennial. Succulent. Ht up to 0.08 m. Alt 1100–1500 m. NC

MARLOTHISTELLA Schwantes 2405175

(1) Schwantes. 1928. *Gartenwelt* 32: 599.

(2) Hammer. 1995. *Bradleya* 13: 82–87.

(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F-Z*: 142.

stenophylla (L.Bolus) S.A.Hammer

Mesembryanthemum stenophyllum L.Bolus (2)

Ruschia stenophylla (L.Bolus) L.Bolus (2)

Perennial. Succulent. Ht up to 0.07 m. Alt 680–1400 m. EC

uniondalensis Schwantes

Perennial. Succulent. Ht up to 0.05 m. Alt 850–1250 m. WC

MAUGHANIELLA L.Bolus 2405072

luckhoffii (L.Bolus) L.Bolus = **Diplosoma luckhoffii**

MESEMBRYANTHEMUM L. 2405073

(1) Phillips. 1922. *The Flowering Plants of South Africa* 2: tt. 54, 73.

(2) Phillips. 1923. *The Flowering Plants of South Africa* 3: tt. 102, 110.

(3) Phillips. 1927. *The Flowering Plants of South Africa* 7: tt. 251, 256, 263, 271, 272, 279.

(4) Phillips. 1930. *The Flowering Plants of South Africa* 10: tt. 393, 397.

(5) Bolus. 1931. *The Flowering Plants of South Africa* 11: t. 413.

(6) Koutnik & O'Connor-Fenton. 1984. *Journal of South African Botany* 50: 365–371.

(7) Gerbaulet. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, F-Z*: 143–153.

abruptum A.Berger = **Octopoma abruptum**

acinaciforme Gouan = **Carpobrotus acinaciformis**

acinaciforme L. = **Carpobrotus acinaciformis**

acinaciforme L. var. *β flavum* L. = **Carpobrotus edulis** subsp. **edulis**

acinaciforme L. var. *purpureum* L. = **Carpobrotus acinaciformis**

aculeatum N.E.Br. = **Ruschia spinosa**

acuminatum Haw. = **Phyllobolus splendens** subsp. **splendens**

acutangulum Haw. = **Ruschia acutangula**

acutisepalum A.Berger = **Psilocaulon junceum**

adscendens Haw. = **Glottiphyllum longum**

aggregatum Haw. ex N.E.Br. = **Conophytum piluliforme** subsp. **piluliforme**

aitonis Jacq.

M. louiseae L.Bolus (7)

M. paulum (N.E.Br.) L.Bolus (7)

Micropterum puberulum (Haw.) Schwantes (7)

Micropterum sessiliflorum (Aiton) Schwantes var. *album* (Haw.) H.Jacobsen (7)

Annual, biennial. Succulent. Ht up to 0.2 m. Alt 20–1200 m. NC, WC, EC

alatum (L.Bolus) L.Bolus = **M. guerichianum**

albatum L.Bolus = **Juttadinteria albata**

albicaule Haw. = **Phyllobolus splendens** subsp. **splendens**

albicaule Salm-Dyck = **Phyllobolus splendens** subsp. **splendens**

albicute N.E.Br. = **Ruschia bolusiae**

alboroseum L.Bolus = **Leipoldtia alborosea**

album L.Bolus = **Oscularia alba**

aloides Haw. = **Nananthus aloides**

altigenum L.Bolus = **Ruschia altigena**

altile N.E.Br. = **Conophytum ficiforme**

amicorum L.Bolus = **Ruschia amicorum**

amplexicaule L.Bolus = **Leipoldtia schultzei**

amplexum N.E.Br. = **Ruschia inclusa**

ampliata (L.Bolus) N.E.Br. = **Ruschia ampliata**

anatomicum Haw. var. *anatomicum* = **Sceletium emarcidum**

anatomicum Haw. var. *emarcidum* (Thunb.) DC. = **Sceletium emarcidum**

anatomicum Haw. var. *fragile* Haw. = **Sceletium emarcidum**

androsaceum Marloth, naked name = **Antimima androsacea**

androsaceum (Schwantes) N.E.Br. = **Antimima androsacea**

angelicae (Dinter & Schwantes) N.E.Br. = **Conophytum angelicae** subsp. **angelicae**

angustum Haw. = **Glottiphyllum cruciatum**

angustum Haw. var. *heterophyllum* Haw. = **Glottiphyllum longum**

angustum Haw. var. *heterophyllum* in sense of Salm-Dyck, not of Haw. = **Glottiphyllum depressum**

annuum L.Bolus = **M. stenandrum**

apiatum N.E.Br. = **Conophytum bilobum** subsp. **bilobum**

approximatum L.Bolus = **Ruschia approximata**

apricum A.Berger = **Leipoldtia schultzei**

arenosum Schinz = **Brownanthus arenosus**

aridum Moench, illegitimate name = **Sceletium tortuosum**

aristulatum Sond. = **Antimima aristulata**

articulatum Thunb. = **Psilocaulon articulatum**

assimile N.E.Br. = **Conophytum ficiforme**

atratum (L.Bolus) N.E.Br. = **Ruschia atrata**

atrocinctum N.E.Br. = **Antimima saturata**

attenuatum Haw. = **Drosanthemum attenuatum**

augeiforme Schwantes = **Conophytum chauviniae**

auratum Sond. = **Phyllobolus nitidus**

aureum Thunb., illegitimate name = **Phyllobolus nitidus**
ausanum Dinter & A.Berger = **Prenia tetragona**
axthelmianum Dinter = **Ruschia axthelmiana**
barklyi N.E.Br.
M. macrophyllum L.Bolus (7)
 Biennial. Succulent. Ht up to 1.5 m, when in flower.
 Alt 30–1250 m. N, NC
barnardii (L.Bolus) N.E.Br. = **Ruschia barnardii**
beetzii Dinter = **Stoerberia beetzii**
bellidiflorum L. var. *subulatum* (Mill.) Haw. = **Acrodon subulatus**
bellum (N.E.Br.) Dinter = **Lithops karasmontana** subsp. **bella**
bergerianum Dinter = **Hereroa hesperantha**
bicorne Sond. = **Psilocaulon bicorne**
bidentatum Haw. = **Glottiphyllum difforme**
biforme N.E.Br. = **Antimima biformis**
bigibberatum Haw. = **Glottiphyllum difforme**
bijliae (L.Bolus) N.E.Br. = **Ruschia bijliae**
bilobum Marloth = **Conophytum bilobum** subsp. **bilobum**
bolusii Hook.f. = **Pleiospilos bolusii**
bosscheanum A.Berger = **Faucaria bosscheana**
brakdamense L.Bolus = **Ruschia brakdamensis**
breve L.Bolus = **M. crystallinum**
brevicolle N.E.Br. = **Antimima brevicollis**
brevifolium Aiton = **Drosanthemum brevifolium**
britteniae L.Bolus = **Leipoldtia schultzei**
calamiforme L. = **Cylindrophyllum calamiforme**
calandrum L.Bolus = **Leipoldtia calandra**
calcicola L.Bolus = **Ruschia calcicola**
calculus A.Berger = **Conophytum calculus** subsp. **calculus**
calycinum Haw. = **Drosanthemum calycinum**
campestre Burch. = **Ruschia campestris**
canaliculatum Haw. = **Phyllobolus canaliculatus**
candens Haw. = **Drosanthemum candens**
canonotatum L.Bolus = **Ruschia canonotata**
canum A.Berger = **Deilanthus peersii**
canum Haw. = **Pleiospilos compactus** subsp. **canus**
capornii L.Bolus = **Ruschia capornii**
capornii L.Bolus forma *ferum* L.Bolus = **Ruschia capornii**
capornii L.Bolus var. *longifolium* L.Bolus = **Ruschia capornii**
carneum Haw. = **Phyllobolus spinuliferus**
caroli L.Bolus = **Ruschia caroli**
catervum N.E.Br. = **Conophytum truncatum** subsp. **viridicatum**
caudatum L.Bolus = **Phyllobolus caudatus**
caulescens Mill. = **Oscularia caulescens**
cedarbergense L.Bolus = **Oscularia cedarbergensis**
chauviniae Schwantes = **Conophytum chauviniae**

chrysum L.Bolus = **M. excavatum**
ciliatum Aiton = **Brownanthus ciliatus** subsp. **ciliatus**
ciliolatum N.E.Br. = **Antimima dasyphylla**
cinctum L.Bolus = **Ruschia cincta**
clausum Dinter = **Eberlanzia clausa**
clavulatum A.Berger = **Psilocaulon subnodosum**
cleistum (L.Bolus) N.E.Br. = **Eberlanzia sedoides**
collinum Sond. = **Drosanthemum collinum**
commutatum A.Berger = **Phyllobolus grossus**
compactum Aiton = **Pleiospilos compactus** subsp. **compactus**
comptonii L.Bolus = **Oscularia comptonii**
comptonii L.Bolus var. *roseum* L.Bolus = **Oscularia comptonii**
comptum N.E.Br. = **Antimima concinna**
concauum Haw. = **Sceletium tortuosum**
condensum N.E.Br. = **Antimima condensa**
congestum Salm-Dyck = **Ruschia congesta**
connatum N.E.Br. = **Octopoma connatum**
constrictum L.Bolus = **Leipoldtia schultzei**
corallinum Thunb. = **Brownanthus corallinus**
coriarium Burch. ex N.E.Br. = **Psilocaulon coriarium**
cradockense Kuntze = **Ruschia cradockensis** subsp. **cradockensis**
crassicaule Haw. = **Sceletium crassicaule**
crassipes Marloth = **Aloinopsis spathulata**
crassulifolium (L.Bolus) N.E.Br. = **Eberlanzia sedoides**
crassum L.Bolus = **Ruschia crassa**
cruciatum Haw. = **Glottiphyllum cruciatum**
cryocalyx L.Bolus = **M. longistylum**
cryptanthum Hook.f.
Aizoon theurkauffii Maire (7)
 Annual. Succulent. Ht up to 0.25 m. Alt? N, NC, WC
crystallino-papillosum Bolus ex Fedde & J.Schust. = **Phyllobolus oculatus**
crystallinum L.
M. breve L.Bolus (7)
 Annual. Succulent. Ht up to 0.5 m, when in flower. Alt 20–1300 m. N, NC, WC, EC
cultratum Salm-Dyck = **Glottiphyllum longum**
cupreum L.Bolus = **Cephalophyllum caespitosum**
cupulatum L.Bolus = **Ruschia cupulata**
curtum Haw. = **Ruschia curta**
cylindricum Haw. = **Calamophyllum cylindricum**
cylindricum Haw. var. *teretifolium* Haw. = **Calamophyllum teretifolium**
cymbifolium Haw. = **Ruschia cymbifolia**
cymbiforme Haw. = **Corpuscularia cymbiformis**
damaranum N.E.Br. = **Lithops karasmontana** subsp. **karasmontana**
dasyphyllum Schltr. = **Antimima dasyphylla**
deceptum N.E.Br., illegitimate name = **Ruschia cymbifolia**

- decurrens* (L.Bolus) N.E.Br. = **Ruschia decurrens**
deflectum N.E.Br. = **Ruschia decumbens**
defoliatum Haw. = **Aridaria noctiflora** subsp. **defoliata**
dejagerae (L.Bolus) N.E.Br. = **Ruschia dejagerae**
dekenahi N.E.Br. = **Antimima dekenahi**
deliciosum L.Bolus = **Carpobrotus deliciosus**
deltoides L. var. *muricatum* A.Berger = **Oscularia deltoides**
deltoides L. var. *pedunculatum* N.E.Br. = **Oscularia pedunculata**
deltoides L. var. *simplex* DC. = **Oscularia caulescens**
delum L.Bolus = **Phyllobolus delus**
depressum Haw. = **Glottiphyllum depressum**
depressum Haw. var. *lividum* Haw. = **Glottiphyllum depressum**
derenbergiana Dinter = **Ebracteola derenbergiana**
dichroum Rolfe = **Ruschia dichroa**
difforme L. = **Glottiphyllum difforme**
difforme Thunb. = **Cheiridopsis namaquensis**
digitatum Aiton = **Dactyloopsis digitata**
digitatum Thunb. = **Dactyloopsis digitata**
digitiforme Thunb. = **Dactyloopsis digitata**
dilatatum Haw. = **Ruschia haworthii**
dimidiatum Haw. = **Carpobrotus dimidiatus**
dinterae Dinter = **Chasmatophyllum musculinum**
dinteri Engl. = **Psilocaulon dinteri**
diplosum N.E.Br. = **Ruschia patens**
dissitum N.E.Br. = **Mitrophyllum dissitum**
distans L.Bolus = **Antimima distans**
dolabriforme L. = **Rhombophyllum dolabriforme**
dolomiticum Dinter = **Antimima dolomitica**
drepanophyllum Schltr. & A.Berger = **Esterhuysenia drepanophylla**
duale N.E.Br. = **Antimima dualis**
duthiae L.Bolus = **Ruschia duthiae**
dyeri (L.Bolus) N.E.Br. = **Rhombophyllum albanense**
eberlanzii Dinter & Schwantes = **Lithops karasmontana** subsp. **eberlanzii**
edentulum Haw. = **Ruschia edentula**
edule L. = **Carpobrotus edulis** subsp. **edulis**
eendornense Dinter = **Antimima eendornensis**
elineatum (L.Bolus) N.E.Br. = **Ruschia elineata**
elishae N.E.Br. = **Conophytum bilobum** subsp. **bilobum**
emarcidum Thunb. = **Sceletium emarcidum**
englishiae L.Bolus = **Prenia englishiae**
enorme N.E.Br. = **Antimima tuberculosa**
erectum L.Bolus = **Ruschia erecta**
eurystigmatum Gerbaulet
Eurystigma clavatum (L.Bolus) L.Bolus (7)
 Annual. Succulent. Ht up to 0.2 m. Alt 600–1050 m.
 NC, WC
- evolutum* N.E.Br. = **Antimima evoluta**
exacutum N.E.Br. = **Ruschia acuminata**
excavatum L.Bolus
M. chrysum L.Bolus (7)
 Annual. Succulent. Ht up to 0.04 m. Alt 500–1100 m.
 WC
excedens L.Bolus = **Oscularia excedens**
exile N.E.Br. = **Ruschia gracilis**
expansum L. = **Sceletium expansum**
falciforme Haw. = **Lampranthus falciformis**
fastigiatum Haw., illegitimate name = **Phyllobolus splendens** subsp. **splendens**
fastigiatum Haw. var. *reflexum* (Haw.) Haw. = **Phyllobolus splendens** subsp. **splendens**
fastigiatum Salm-Dyck = **Phyllobolus splendens** subsp. **splendens**
fastigiatum Thunb.
M. pachypus L.Bolus (7)
Opophytum fastigiatum (Thunb.) N.E.Br. (7)
 Annual. Succulent. Ht up to 0.1 m. Alt 170–350 m.
 WC
felinum (L.) Weston = **Faucaria felina**
fergusoniae (L.Bolus) N.E.Br. = **Antimima fergusoniae**
ferrugineum Schwantes = **Lithops lesliei** subsp. **lesliei**
festivum N.E.Br. = **Ruschia festiva**
fibuliforme Haw. = **Conophytum fibuliforme**
ficiforme Haw. = **Conophytum ficiforme**
filipetalum (L.Bolus) N.E.Br. = **Ruschia filipetala**
firmum N.E.Br. = **Ruschia brevipes**
flexuosum Haw. = **Phyllobolus splendens** subsp. **splendens**
flexuosum Salm-Dyck = **Phyllobolus splendens** subsp. **splendens**
floribundum Haw. = **Drosanthemum floribundum**
floriferum N.E.Br. = **Eberlanzia schneideriana**
formosulum N.E.Br. = **Antimima peersii**
fourcadei in sense of (L.Bolus) N.E.Br., not of L.Bolus, illegitimate name = **Ruschia fourcadei**
fragrans Salm-Dyck = **Glottiphyllum depressum**
framesii (L.Bolus) N.E.Br., illegitimate name = **Ruschia framesii**
francisci Dinter & Schwantes = **Lithops francisci**
fraternum N.E.Br. = **Conophytum fraternum**
fredericii L.Bolus = **Ruschia fredericii**
friedrichiae Dinter = **Conophytum friedrichiae**
frutescens L.Bolus = **Stoerberia frutescens**
fulviceps N.E.Br. = **Lithops fulviceps**
fulvum Haw. = **Aridaria noctiflora** subsp. **straminea**
gariusanum Dinter
M. violense L.Bolus (7)
 Annual. Succulent. Ht up to 0.15 m. Alt 220–1200 m.
 N, NC
geminatum Jacq. = **Ruschia geminiflora**
geminatum Salm-Dyck = **Ruschia geminiflora**
geminiflorum Haw. = **Ruschia geminiflora**

- geminum* N.E.Br. = **Cerochlamys gemina**
gessertianum Dinter & A.Berger = **Psilocaulon gessertianum**
gigas Dinter = **Stoeberia gigas**
glareosum A.Berger = **Psilocaulon salicornioides**
globosum N.E.Br. = **Conophytum globosum**
goodiae (L.Bolus) N.E.Br. = **Ruschia goodiae**
gracistylum L.Bolus = **Conophytum bilobum** subsp. **gracilistylum**
grandiflorum Haw. = **Glottiphyllum grandiflorum**
graniticum L.Bolus = **Antimima granitica**
granulatum N.E.Br. = **Hereroa granulata**
granulicaule Haw. = **Psilocaulon granulicaule**
gratum N.E.Br. = **Conophytum jucundum** subsp. **jucundum**
griquense L.Bolus = **Ruschia griquensis**
griseum L.Bolus = **Ruschia grisea**
grossum Aiton = **Phyllobolus grossus**
guerichianum Pax
Amoebophyllum guerichianum (Pax) N.E.Br. (7)
M. alatum (L.Bolus) L.Bolus (7)
M. horridum Koutnik & Lavis (7)
M. intransparens L.Bolus var. *intransparens* (7)
M. intransparens L.Bolus var. *laxum* (L.Bolus) L.Bolus (7)
M. karrooense L.Bolus (7)
M. latisepalum (L.Bolus) L.Bolus (7)
M. macrostigma L.Bolus (7)
M. neilsoniae (L.Bolus) L.Bolus (7)
M. parvipapillatum L.Bolus (7)
M. perlatum Dinter (7)
M. purpureoeroseum L.Bolus (7)
M. quinangulatum L.Bolus (7)
M. rhodanthum L.Bolus (7)
M. rubroroseum L.Bolus (7)
M. sedentiflorum (L.Bolus) L.Bolus (7)
M. setosum (L.Bolus) L.Bolus (7)
M. squamulosum (L.Bolus) L.Bolus (7)
M. subrigidum L.Bolus (7)
M. subtereticaule L.Bolus (7)
 Annual, biennial. Succulent. Ht up to 0.6 m. Alt? N, NC, WC, EC
guthriae L.Bolus = **Oscularia guthriae**
halenbergense Dinter & Schwantes = **Conophytum halenbergense**
hamatile (L.Bolus) N.E.Br. = **Antimima hamatilis**
hamatum L.Bolus = **Ruschia hamata**
hantamense Engl. = **Antimima hantamensis**
hebes N.E.Br. = **Ruschia obtusa**
herrei (Schwantes) N.E.Br. = **Antimima herrei**
hesperanthum Dinter & A.Berger = **Hereroa hesperantha**
hexamerum (L.Bolus) N.E.Br. = **Ruschia hexamera**
hirtellum Haw. = **Drosanthemum hirtellum**
hispidum L. = **Drosanthemum hispidum**
hookeri A.Berger = **Lithops hookeri**
horizontale Haw. = **Aridaria noctiflora** subsp. **defoliata**
horridum Koutnik & Lavis = **M. guerichianum**
hospitale Dinter = **Ruschia spinosa**
hutchinsonii (L.Bolus) N.E.Br. = **Amphibolia laevis**
hypertropicum Dinter
Opophytum ampliatum L.Bolus (7)
Opophytum aquosum (L.Bolus) N.E.Br. (7)
Opophytum australe L.Bolus (7)
 Annual. Succulent. Ht up to 0.25 m. Alt 50–1000 m. N, NC
imbricatum Haw. = **Ruschia imbricata**
imbricatum Haw. var. *rubrum* Haw. = **Ruschia imbricata**
impressum (L.Bolus) J.W.Ingram = **Ruschia impressa**
inachabense Engl.
M. longipapillosum Dinter (7)
 Annual. Succulent. Ht up to 0.2 m. Alt 700–1100 m. N, NC
inclusum L.Bolus = **Octopoma inclusum**
incurvatum (L.Bolus) N.E.Br. = **Ruschia incurvata**
indecorum L.Bolus = **Ruschia indecora**
induratum L.Bolus = **Ruschia indurata**
inornatum L.Bolus = **M. nodiflorum**
insidens (L.Bolus) N.E.Br. = **Antimima insidens**
intransparens L.Bolus var. *intransparens* = **M. guerichianum**
intransparens L.Bolus var. *laxum* (L.Bolus) L.Bolus = **M. guerichianum**
intricatum N.E.Br. = **Ruschia intricata**
intrusum Kensit = **Brianhuntleya intrusa**
iteratum N.E.Br. = **Ruschia britteniae**
ivori N.E.Br. = **Antimima ivori**
johannis-winkleri Dinter & Schwantes = **Conophytum pageae**
jucundum N.E.Br. = **Conophytum jucundum** subsp. **jucundum**
jugiferum N.E.Br. = **Conophytum ficiforme**
julii Dinter & Schwantes = **Lithops julii** subsp. **julii**
junceum Haw. = **Psilocaulon junceum**
junceum Haw. var. *pauciflorum* Sond. = **Psilocaulon junceum**
juritzii L.Bolus = **Carpobrotus dimidiatus**
karasmontanum Dinter & Schwantes = **Lithops karasmontana** subsp. **karasmontana**
karrooense L.Bolus = **M. guerichianum**
karrooicum L.Bolus = **Ruschia karrooica**
klaverensis L.Bolus = **Antimima klaverensis**
knysnanum L.Bolus = **Ruschia knysnana**
kuntzei Schinz = **Brownanthus kuntzei**
labyrinthum N.E.Br. = **Conophytum minimum**
lacerum Haw. = **Erepsia lacera**
lacunatum N.E.Br. = **Eberlanzia schneideriana**
laeve Aiton = **Amphibolia laevis**
laevigatum Haw. = **Carpobrotus acinaciformis**
lanceum Thunb. = **Prenia pallens** subsp. **lancea**
latens N.E.Br. = **Ruschia inconspicua**
latisepalum (L.Bolus) L.Bolus = **M. guerichianum**
latum Haw. = **Glottiphyllum longum**
lawsonii L.Bolus = **Antimima lawsonii**
laxipetalum (L.Bolus) N.E.Br. = **Ruschia laxipetala**

- leipoldtii* (L.Bolus) N.E.Br. = **Antimima leipoldtii**
lene N.E.Br. = **Ruschia mollis**
leptarthron A.Berger = **Psilocaulon leptarthron**
lericheanum Dinter & Schwantes = **Lithops karasmontana** subsp. **karasmontana**
lerouxiae L.Bolus = **Ruschia lerouxii**
lesliei N.E.Br. = **Lithops lesliei** subsp. **lesliei**
leucantherum L.Bolus = **Antimima leucanthera**
leviculum N.E.Br. = **Conophytum minimum**
levynsiae L.Bolus = **Antimima pumila**
liebendalense L.Bolus = **M. stenandrum**
limbatum N.E.Br. = **Antimima limbata**
lindequistii Engl. = **Aridaria noctiflora** subsp. **noctiflora**
linearifolium L.Bolus = **M. longistylum**
lineolatum Haw. = **Ruschia lineolata**
linguaeforme Haw. = **Glottiphyllum depressum**
linguaeforme Haw. var. *rufescens* Haw., invalid name = **Glottiphyllum depressum**
linguiforme in sense of Haw., not of L. = **Glottiphyllum longum**
linguiforme L. = **Glottiphyllum linguiforme**
linguiforme (L.) N.E.Br. var. *scalpratum* (Haw.) A.Berger = **Glottiphyllum linguiforme**
linguiforme L. var. *adscendens* (Haw.) A.Berger = **Glottiphyllum longum**
linguiforme L. var. *angustum* (Haw.) A.Berger, invalid name = **Glottiphyllum depressum**
linguiforme L. var. *cultratum* (Salm-Dyck) A.Berger = **Glottiphyllum longum**
linguiforme L. var. *depressum* (Haw.) A.Berger, invalid name = **Glottiphyllum longum**
linguiforme L. var. *fragrans* (Salm-Dyck) A.Berger = **Glottiphyllum depressum**
linguiforme L. var. *grandiflorum* (Haw.) A.Berger = **Glottiphyllum grandiflorum**
linguiforme L. var. *longum* (Haw.) A.Berger = **Glottiphyllum longum**
linguiforme L. var. *obliquum* (Willd.) A.Berger = **Glottiphyllum longum**
linguiforme L. var. *pustulatum* (Haw.) A.Berger = **Glottiphyllum longum**
linguiforme L. var. *uncatum* (Haw.) A.Berger = **Glottiphyllum longum**
longifolium L.Bolus = **Astridia longifolia**
longipapillosum Dinter = **M. inachabense**
longipes (L.Bolus) N.E.Br. = **Antimima longipes**
longispinulum Haw. = **Phyllobolus grossus**
longispinulum Salm-Dyck = **Phyllobolus grossus**
longistylum DC.
M. cryocalyx L.Bolus (7)
M. linearifolium L.Bolus (7)
 Annual, biennial. Succulent. Ht 0.1–0.4 m. Alt 120–1100 m. NC, WC
longum Haw. = **Glottiphyllum longum**
- longum* Haw. var. *declive* Haw. = **Glottiphyllum depressum**
longum Haw. var. *flaccidum* Haw. = **Glottiphyllum depressum**
longum Haw. var. *uncatum* Haw. = **Glottiphyllum longum**
loratum Haw. = **Prenia pallens** subsp. **pallens**
louiseae L.Bolus = **M. aitonis**
lucidum Haw. = **Glottiphyllum longum**
luederitzii Engl. = **Drosanthemum luederitzii**
lunatum Willd. = **Oscularia lunata**
lupinum Haw. = **Faucaria felina**
macowanii L.Bolus = **Ruschia macowanii**
macrophyllum L.Bolus = **M. barklyi**
macrostigma L.Bolus = **M. guerichianum**
magnipunctatum Haw. = **Pleiospilos compactus** subsp. **canus**
maleolens (L.Bolus) N.E.Br. = **Antimima maleolens**
mallesoniae L.Bolus = **Esterhuysenia drepanophylla**
marianae L.Bolus = **Ruschia marianae**
maritimum L.Bolus, illegitimate name = **Lampranthus falciformis**
marlothii Pax = **Brownanthus marlothii**
marmoratum N.E.Br. = **Lithops marmorata**
maximum Haw. = **Ruschia maxima**
maxwellii (L.Bolus) N.E.Br. = **Antimima maxwellii**
medium Haw. = **Glottiphyllum longum**
melanospermum Dinter, illegitimate name = **Phyllobolus melanospermus**
mellei L.Bolus = **Carpobrotus mellei**
mentiens A.Berger = **Psilocaulon coriarium**
micans L. = **Drosanthemum micans**
micranthon Haw., illegitimate name = **Psilocaulon parviflorum**
microphyllum Haw. = **Antimima microphylla**
minimum Haw. = **Conophytum minimum**
minisculum N.E.Br. = **Conophytum minusculum** subsp. **minisculum**
minutum Haw. = **Conophytum minutum**
miserum L.Bolus = **Ruschia misera**
molle in sense of A.Berger, not of Aiton, illegitimate name = **Ruschia mollis**
montis-moltkei Dinter = **Ebracteola montis-moltkei**
mucronatum Haw. = **Antimima mucronata**
mucroniferum Haw. = **Ruschia spinosa**
mucronulatum Dinter = **Psilocaulon articulatum**
muelleri L.Bolus = **Ruschia muelleri**
muirianum L.Bolus = **Ruschia muiriana**
muirii L.Bolus = **Carpobrotus muirii**
multiflorum Haw. = **Ruschia multiflora**
multiflorum Haw. var. *rubrum* (Haw.) Haw. = **Ruschia imbricata**
munitum L.Bolus = **Ruschia intricata**

- muricatum* Haw. = **Oscularia deltoides**
musculinum Haw. = **Chasmatophyllum musculinum**
muticum (L.Bolus) N.E.Br. = **Antimima mutica**
namaquanum (L.Bolus) N.E.Br. = **Amphibolia rupis-arcuatae**
namibense Marloth = **Brownanthus namibensis**
neilsoniae (L.Bolus) L.Bolus = **M. guerichianum**
nevillei N.E.Br. = **Conophytum obcordellum** subsp. **obcordellum** var. **obcordellum**
nitidum Haw. = **Phyllobolus nitidus**
nobile Haw. = **Pleiospilos compactus** subsp. **canus**
noctiflorum L. var. *elatum* Haw. = **Aridaria noctiflora** subsp. **noctiflora**
noctiflorum L. var. *fulvum* (Haw.) Salm-Dyck = **Aridaria noctiflora** subsp. **straminea**
noctiflorum L. var. *noctiflorum* = **Aridaria noctiflora** subsp. **noctiflora**
noctiflorum L. var. *phoeniceum* Haw., illegitimate name = **Aridaria noctiflora** subsp. **noctiflora**
noctiflorum L. var. *stramineum* (Haw.) Haw. = **Aridaria noctiflora** subsp. **straminea**
nodiflorum L.
M. inornatum L.Bolus (7)
M. paucandrum L.Bolus (7)
 Annual. Succulent. Ht up to 0.15 m. Alt 20–1150 m. N, NC, WC
nothum N.E.Br. = **Phyllobolus splendens** subsp. **splendens**
obconellum Haw. = **Conophytum obcordellum** subsp. **obcordellum** var. **obcordellum**
obcordellum Haw. = **Conophytum obcordellum** subsp. **obcordellum** var. **obcordellum**
obliquum Willd. = **Glottiphyllum longum**
obmetale N.E.Br. = **Conophytum minimum**
obsubulatum Haw. = **Cylindrophyllum obsubulatum**
octojuge L.Bolus = **Octopoma octojuge**
octonarium L.Bolus = **Enarganthe octonaria**
oculatum N.E.Br. = **Phyllobolus oculatus**
odontocalyx Schltr. & Diels = **Ruschia odontocalyx**
odoratum L.Bolus = **Hereroa odorata**
odoratum N.E.Br. = **Conophytum ficiforme**
olivaceum Schltr. = **Phyllobolus tenuiflorus**
optatum N.E.Br. = **Pleiospilos compactus** subsp. **compactus**
opicum Marloth = **Lithops optica**
paardebergense L.Bolus = **Oscularia paardebergensis**
pachyphyllum L.Bolus = **Cerochlamys pachyphylla**
pachypus L.Bolus = **M. fastigiatum**
pageae N.E.Br. = **Conophytum pageae**
pageanum in sense of L.Bolus (1929), not of L.Bolus (1927), illegitimate name = **Oscularia ornata**
pallens Aiton = **Prenia pallens** subsp. **pallens**
pallescens Haw. = **Prenia pallens** subsp. **pallens**
pallidum L.Bolus = **Lampranthus dilutus**
pallidum N.E.Br. = **Conophytum ficiforme**
pansifolium N.E.Br. = **Amphibolia laevis**
papulosum L.f. = **Cleretum papulosum** subsp. **papulosum**
paripetalum L.Bolus = **Ruschia paripetala**
parvibracteatum (L.Bolus) N.E.Br. = **Eberlanzia parvibracteata**
parviflorum in sense of Haw., not of Jacq. = **Ruschia parviflora**
parviflorum Jacq. = **Psilocaulon parviflorum**
parvipapillatum L.Bolus = **M. guerichianum**
parvipetalum N.E.Br. = **Conophytum obcordellum** subsp. **obcordellum** var. **obcordellum**
parvulum Schltr. = **Cephalophyllum parvulum**
parvum N.E.Br. = **Antimima pusilla**
paucandrum L.Bolus = **M. nodiflorum**
paulum (N.E.Br.) L.Bolus = **M. aitonis**
pauxillum N.E.Br. = **Conophytum minimum**
paxianum Schltr. & Diels = **Drosanthemum luederitzii**
pellanum N.E.Br. = **Ruschia muricata**
pellitum Friedrich
 Annual, biennial. Succulent. Ht up to 0.5 m. Alt 30–350 m. N, NC
perfoliatum Mill. = **Ruschia perfoliata**
perforatum (L.Bolus) N.E.Br. = **Antimima perforata**
perlatum Dinter = **M. guerichianum**
perpusillum Haw. = **Conophytum minimum**
pfeilii Engl. = **Prenia tetragona**
phylicoides (L.Bolus) N.E.Br. = **Ruschia phylicoides**
pictum N.E.Br. = **Conophytum minimum**
pillansii Kensit = **Erepsia pillansii**
piluliforme N.E.Br. = **Conophytum piluliforme** subsp. **piluliforme**
piquetbergense L.Bolus = **Oscularia piquetbergensis**
pisinnum N.E.Br. = **Conophytum truncatum** subsp. **viridicatum**
placitum N.E.Br. = **Conophytum ficiforme**
plenifolium N.E.Br. = **Phyllobolus splendens** subsp. **splendens**
pomeridianum L.Bolus = **M. stenandrum**
praepingue Haw. = **Glottiphyllum cruciatum**
prismaticum Marloth ex Schwantes = **Tanquana prismatica**
propinquum N.E.Br. = **Antimima propinqua**
prostratum (L.Bolus) N.E.Br. = **Antimima prostrata**
pseudoausanum Dinter, naked name = **Prenia tetragona**
pseudorupicolum Dinter, naked name = **Ruschia barnardii**
pseudotruncatellum A.Berger = **Lithops pseudotruncatella** subsp. **pseudotruncatella**
pulchellum Haw., insufficiently known
pulverulentum Haw. = **Drosanthemum pulverulentum**
pumilum L.Bolus = **Antimima pumila**

- pumilum* (L.Bolus) N.E.Br., illegitimate name = **Antimima pumila**
- punctulatum* L.Bolus = **Ruschia punctulata**
- pungens* A.Berger = **Ruschia pungens**
- purpureoroseum* L.Bolus = **M. guerichianum**
- purpureostylum* L.Bolus = **Acrodon purpureostylus**
- purpusii* Schwantes = **Conophytum truncatum** subsp. **truncatum** var. **truncatum**
- pusillum* N.E.Br. = **Conophytum minimum**
- pustulatum* Haw. = **Glottiphyllum longum**
- pustulatum* Haw. var. *lividum* Salm-Dyck = **Glottiphyllum longum**
- puttkamerianum* Dinter & A.Berger = **Hereroa puttkameriana**
- pygmaeum* Haw. = **Antimima pygmaea**
- quaesitum* N.E.Br. = **Conophytum quaesitum** subsp. **quaesitum** var. **quaesitum**
- quartziticum* Dinter = **Antimima quartzitica**
- quinangulatum* L.Bolus = **M. guerichianum**
- recurvum* Moench = **Ruschia recurva**
- reductum* N.E.Br. in part N.E.Br. = **Octopoma subglobosum**
- reductum* N.E.Br. in part N.E.Br., illegitimate name = **Ruschia nana**
- reflexum* Haw. = **Phyllobolus splendens** subsp. **splendens**
- relaxatum* Willd. = **Prenia pallens** subsp. **pallens**
- resurgens* Kensit = **Phyllobolus resurgens**
- rhodanthum* L.Bolus = **M. guerichianum**
- rhomboideum* Salm-Dyck = **Rhombophyllum rhomboideum**
- rigidum* Haw. = **Ruschia rigida**
- ringens* L. var. *β felinum* L. = **Faucaria felina**
- roodiae* N.E.Br. = **Tanquana prismatica**
- roseolum* N.E.Br. = **Antimima roseola**
- rostellum* Haw. = **Ruschia rostella**
- rubrocinctum* Haw. = **Carpobrotus acinaciformis**
- rubroroseum* L.Bolus = **M. guerichianum**
- rubrum* L.Bolus = **Astridia rubra**
- rufescens* Haw. = **Glottiphyllum depressum**
- rugulosum* A.Berger ex Range, naked name = **Eberlanzia schneideriana**
- rupis-arcuatae* Dinter = **Amphibolia rupis-arcuatae**
- ruschiorum* Dinter & Schwantes = **Lithops ruschiorum**
- salicornioides* Pax = **Psilocaulon salicornioides**
- salmii* Haw. = **Glottiphyllum salmii**
- salmonium* Haw. = **Phyllobolus canaliculatus**
- salmonium* Salm-Dyck = **Phyllobolus canaliculatus**
- saxetanum* N.E.Br. = **Conophytum saxetanum**
- saxicolum* (L.Bolus) N.E.Br. = **Antimima saxicola**
- scalpratum* Haw., illegitimate name = **Glottiphyllum linguiforme**
- schenckii* Schinz = **Brownanthus ciliatus** subsp. **schenckii**
- schlechteri* (Schwantes) N.E.Br. = **Antimima schlechteri**
- schlichtianum* Sond. = **Brownanthus arenosus**
- schneiderianum* A.Berger = **Eberlanzia schneideriana**
- schultzei* Schltr. & Diels = **Leipoldtia schultzei**
- scintillans* Dinter = **Phyllobolus oculatus**
- scitulum* N.E.Br. = **Conophytum minimum**
- secundum* Thunb., naked name = **Psilocaulon articulatum**
- sedentiflorum* (L.Bolus) L.Bolus = **M. guerichianum**
- sedoides* Dinter & A.Berger = **Eberlanzia sedoides**
- semicylindricum* Haw. = **Glottiphyllum difforme**
- separatum* N.E.Br. = **Zeuktophyllum calycinum**
- serratum* L. = **Circandra serrata**
- sessile* Thunb. = **Ruschia sessilis**
- sessiliflorum* Aiton = **Cleretum papulosum** subsp. **papulosum**
- setosum* (L.Bolus) L.Bolus = **M. guerichianum**
- signatum* N.E.Br. = **Conophytum minimum**
- simile* Sond. = **Psilocaulon junceum**
- simile* Sond. var. *namaquense* Sond. = **Psilocaulon junceum**
- simulans* Marloth = **Pleiospilos simulans**
- sinuosum* L.Bolus = **Phyllobolus sinuosus**
- sinus-redfordiani* Dinter, naked name = **Psilocaulon salicornioides**
- sladenianum* L.Bolus = **Prenia sladeniana**
- sobrinum* N.E.Br. = **Antimima sobrina**
- socium* N.E.Br. = **Argyroderma fissum**
- solidum* L.Bolus = **Antimima solida**
- sororium* N.E.Br. = **Pleiospilos compactus** subsp. **sororius**
- spinescens* Pax, naked name = **Ruschia divaricata**
- spinosa* L. = **Ruschia spinosa**
- spinosa* L. var. *cradockense* (Kuntze) A.Berger ex Range, naked name = **Ruschia cradockensis** subsp. **cradockensis**
- spinosa* L. var. *micranthum* Pax = **Ruschia spinosa**
- spinuliferum* Haw. = **Phyllobolus spinuliferus**
- spinuliforme* Harv. & Sond. = **Phyllobolus spinuliferus**
- splendens* L. = **Phyllobolus splendens** subsp. **splendens**
- squamulosum* (L.Bolus) L.Bolus = **M. guerichianum**
- steenbergenense* L.Bolus = **Oscularia steenbergensis**
- stellans* (L.Bolus) N.E.Br. = **Antimima hantamensis**
- stenandrum** (L.Bolus) L.Bolus
M. annuum L.Bolus (7)
M. liebendalense L.Bolus (7)
M. pomeridianum L.Bolus (7)
Psilocaulon pomeridianum L.Bolus (7)
 Annual, occ. perennial. Succulent. Ht up to 0.2 m. Alt 250–1450 m. FS, NC, WC
- stenophyllum* L.Bolus = **Marlothistella stenophylla**
- stipulaceum* L. = **Lampranthus stipulaceus**

- stokoei* L.Bolus = **Esterhuysenia stokoei**
stramineum Haw. = **Aridaria noctiflora** subsp. **straminea**
striatum Haw. = **Drosanthemum striatum**
stylosum N.E.Br. = **Conophytum bilobum** subsp. **bilobum**
suaveolens L.Bolus, illegitimate name = **Phyllobolus lignescens**
subalatum Haw. = **Carpobrotus acinaciformis**
subcompressum Haw. = **Drosanthemum subcompressum**
subnodosum A.Berger = **Psilocaulon subnodosum**
subrigidum L.Bolus = **M. guerichianum**
subrisum N.E.Br. = **Conophytum pageae**
subtereticaule L.Bolus = **M. guerichianum**
subtruncatum L.Bolus
 Annual. Succulent. Ht up to 0.02 m. Alt 300–700 m. WC
succulentum (L.Bolus) N.E.Br. = **Amphibolia succulenta**
sulcatum Haw. = **Phyllobolus splendens** subsp. **splendens**
superans L.Bolus = **Oscularia superans**
suppositum L.Bolus = **Zeuktophyllum suppositum**
surrectum Haw. = **Glottiphyllum surrectum**
taurinum Haw. = **Glottiphyllum depressum**
taylori N.E.Br. = **Corpuscularia taylori**
taylorianum Dinter & Schwantes = **Conophytum taylorianum** subsp. **taylorianum**
tenellum Haw. = **Ruschia tenella**
tenue Haw. = **Psilocaulon parviflorum**
tenuiflorum Jacq. = **Phyllobolus tenuiflorus**
teretifolium Haw. = **Calamophyllum teretifolium**
tetragonum Thunb. = **Prenia tetragona**
thermarum L.Bolus = **Oscularia thermanum**
tigrinum Haw. = **Faucaria tigrina**
tinctum L.Bolus = **Meyerophytum meyeri**
tortuosum L. = **Sceletium tortuosum**
trichosanthum A.Berger = **Phyllobolus viridiflorus**
trichotomum Thunb. = **Phyllobolus trichotomus**
triquetrum (L.Bolus) N.E.Br. = **Antimima triquetra**
tritiforme L.Bolus = **Ruschia cradockensis** subsp. **tritiformis**
trothai Engl. = **Psilocaulon salicornioides**
truncatellum Hook.f., not of Haw. = **Lithops hookeri**
truncatellum in sense of Dinter, not of Haw. = **Lithops pseudotruncatella** subsp. **pseudotruncatella**
tuitum N.E.Br. on herbarium label, naked name = **Ruschia intricata**
tumidulum Haw. = **Ruschia tumidula**
turbiniforme in sense of N.E.Br., not of Haw., misapplied name = **Lithops hookeri**
turrigerum N.E.Br. = **Conophytum turrigerum**
umbellatum L. = **Ruschia umbellata**
umbelliflorum Jacq. = **Phyllobolus splendens** subsp. **splendens**
uncatum Salm-Dyck = **Glottiphyllum longum**
utile L.Bolus = **Stoeberia utilis**
uviforme (Haw.) N.E.Br. = **Conophytum uviforme** subsp. **uviforme**
vaginatum Haw. = **Ruschia vaginata**
vaginatum Haw. var. *acutangulum* A.Berger = **Ruschia acutangula**
vaginatum Haw. var. *curtum* (Haw.) A.Berger = **Ruschia curta**
valens N.E.Br. = **Ruschia glauca**
vallis-mariae Dinter & Schwantes = **Lithops vallis-mariae**
varians Haw. = **Sceletium varians**
variifolium N.E.Br. = **Ruschia diversifolia**
velutinum Dinter = **Astridia velutina**
ventricosum L.Bolus = **Antimima ventricosa**
vernicolor L.Bolus = **Oscularia vernicolor**
verruculatum L. = **Scopelogenia verruculata**
verruculosum (L.Bolus) N.E.Br. = **Antimima verruculosa**
violense L.Bolus = **M. gariusanum**
virgatum Haw. = **Ruschia virgata**
viridiflorum Aiton = **Phyllobolus viridiflorus**
weingangianum Dinter = **Leipoldtia weingangiana** subsp. **weingangiana**
wittebergense L.Bolus = **Antimima wittebergensis**
- MESTOKLEMA** N.E.Br. ex Glen 2405074
 (1) Glen. 1981. *Bothalia* 13: 454.
 (2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F-Z*: 168, 169.
- albanicum** N.E.Br. ex Glen
 Perennial. Succulent. Ht 0.25–0.4 m. Alt 450–860 m. EC
- arboriforme** (Burch.) N.E.Br. ex Glen
 Perennial. Succulent. Ht 0.25–0.5 m. Alt 1100–1450 m. FS, NC
- copiosum** N.E.Br. ex Glen
 Perennial. Succulent. Ht up to 0.5 m. Alt 800–1300 m. NC
- elatum** N.E.Br. ex Glen
 Perennial. Succulent. Ht up to 1.2 m. Alt 260–540 m. EC
- illepidum** N.E.Br. ex Glen
 Perennial. Succulent. Ht 0.23–0.25 m. Alt 400–880 m. EC
- tuberosum** (L.) N.E.Br. ex Glen
M. tuberosum (L.) N.E.Br. ex Glen var. *macrorrhizum* (Haw.) N.E.Br. ex Glen (1)
 Perennial. Succulent. Ht up to 0.6 m. Alt 100–800 m. EC
- tuberosum* (L.) N.E.Br. ex Glen var. *macrorrhizum* (Haw.) N.E.Br. ex Glen = **M. tuberosum**

MEYEROPHYTUM Schwantes 2405075

- (1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 279.
 (2) Ihlenfeldt. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, F-Z*: 170, 171.

globosum (L.Bolus) Ihlenf.*Conophyllum globosum* L.Bolus (2)*Monilaria globosa* (L.Bolus) L.Bolus (2)

Perennial. Succulent. Ht up to 0.1 m, 0.13 m when in flower. Alt 300–650 m. NC

meyeri (Schwantes) Schwantes*Mesembryanthemum tinctum* L.Bolus (2)*M. meyeri* (Schwantes) Schwantes var. *holgatense* L.Bolus (2)*M. tinctum* (L.Bolus) Schwantes (2)

Perennial. Succulent. Ht up to 0.2 m. Alt 100–370 m. NC

meyeri (Schwantes) Schwantes var. *holgatense* L.Bolus = **M. meyeri***microstigma* (L.Bolus) L.Bolus = **Dicrocaulon microstigma***primosii* (L.Bolus) L.Bolus = **Dicrocaulon microstigma tinctum** (L.Bolus) Schwantes = **M. meyeri****MICROPTERUM Schwantes 2405076***papulosum* (L.f.) Schwantes = **Cleretum papulosum** subsp. **papulosum***papulosum* (L.f.) Schwantes subsp. *multiflorum* Schwantes, naked name = **Cleretum papulosum** subsp. **multiflorum***puberulum* (Haw.) Schwantes = **Mesembryanthemum aitonis***sessiliflorum* (Aiton) Schwantes = **Cleretum papulosum** subsp. **papulosum***sessiliflorum* (Aiton) Schwantes var. *album* (Haw.) H.Jacobsen = **Mesembryanthemum aitonis****MITROPHYLLUM Schwantes 2405078**

- (1) Phillips. 1927. *The Flowering Plants of South Africa* 7: tt. 272, 274.
 (2) Poppendieck. 1976. *Botanische Jahrbücher* 97: 339–413.
 (3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F-Z*: 172–175.

abbreviatum L.Bolus

Perennial. Succulent. Ht up to 0.4 m. Alt 400–950 m. NC

clivorum (N.E.Br.) Schwantes

Perennial. Succulent. Ht up to 0.6 m. Alt up to 1200 m. NC

crassifolium (L.Bolus) G.D.Rowley = **M. grande***cuspidatum* (L.Bolus) de Boer = **M. grande****dissitum** (N.E.Br.) Schwantes*Mesembryanthemum dissitum* N.E.Br. (3)*M. parvifolium* (L.Bolus) G.D.Rowley (3)

Perennial. Succulent. Ht 0.4–0.6 m. Alt 350–1200 m. NC

grande N.E.Br.*M. crassifolium* (L.Bolus) G.D.Rowley (3)*M. cuspidatum* (L.Bolus) de Boer (3)

Perennial. Succulent. Ht up to 0.4 m, when in flower. Alt 360–710 m. NC

mitratum (Marloth) Schwantes

Perennial. Succulent. Ht up to 0.6 m. Alt 350–700 m. NC

parvifolium (L.Bolus) G.D.Rowley = **M. dissitum****roseum** L.Bolus

Perennial. Succulent. Ht up to 0.15 m. Alt 540–700 m. NC

MONILARIA (Schwantes) Schwantes 2405079(1) Ihlenfeldt *et al.* 1978. *Mitteilungen aus dem Institut für Allgemeine Botanik, Hamburg* 16: 171–182.(2) Ihlenfeldt. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, F-Z*: 176–178.*brevifolia* L.Bolus = **Dicrocaulon grandiflorum****chrysoleuca** (Schltr.) Schwantes*M. chrysoleuca* (Schltr.) Schwantes var. *polita* (L.Bolus) Ihlenf. & Jörg. (3)

Perennial. Succulent. Ht up to 0.2 m. Alt 220–350 m. WC

chrysoleuca (Schltr.) Schwantes var. *polita* (L.Bolus) Ihlenf. & Jörg. = **M. chrysoleuca***globosa* (L.Bolus) L.Bolus = **Meyerophytum globosum***microstigma* L.Bolus = **Dicrocaulon microstigma****moniliformis** (Thunb.) Ihlenf. & Jörg.

Perennial. Succulent. Ht up to 0.2 m. Alt 175–340 m. WC

obconica Ihlenf. & Jörg.

Perennial. Succulent. Ht up to 0.2 m. Alt 1000–1200 m. NC

pisiformis (Haw.) Schwantes

Perennial. Succulent. Ht up to 0.12 m. Alt 220–350 m. WC

scutata (L.Bolus) Schwantes subsp. *obovata* Ihlenf. & Jörg.

Perennial. Succulent. Ht? Alt? NC

scutata (L.Bolus) Schwantes subsp. *scutata*

Perennial. Succulent. Ht? Alt? NC

MOSSIA N.E.Br. 2405080

- (1) Smith & Hartzler. 1997. *Taxon* 46: 349, 350.
 (2) Smith *et al.* 1997. *Curtis's Botanical Magazine* 14: 16–22.
 (3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F-Z*: 178, 179.

intervallaris (L.Bolus) N.E.Br.

Perennial. Succulent. Ht up to 0.02 m. Alt 1100–3000 m. G, M, FS, L, EC

MUIRIA N.E.Br. 2405081

- (1) Klak. 2000. In Goldblatt & Manning, *Strelitzia* 9: 243, 244.
 (2) Chesselet, Burgoyne & Hammer. Personal communication.

hortenseae N.E.Br.*Gibbaeum hortenseae* (N.E.Br.) Thiede & Klak (2)

Perennial. Succulent. Ht up to 0.05 m. Alt 550–630 m. WC

NAMAQUANTHUS L.Bolus 2405082

- (1) Hartmann. 2001.
- Illustrated handbook of succulent plants. Aizoaceae, F-Z*
- : 180.

vanheerdei L.Bolus

Perennial. Succulent. Ht up to 0.3 m. Alt 700–900 m. NC

NAMIBIA (Schwantes) Schwantes 2405083

- (1) Walgate. 1939. In Bolus,
- Notes on Mesembryanthemum and allied genera*
- , part 3: 171–188.

- (2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F-Z*: 180, 181.

cinerea (Marloth) Dinter & Schwantes*Juttadinteria longipetala* L.Bolus (2)

Perennial. Succulent. Ht up to 0.15 m. Alt? N

pomona (Dinter) Dinter & Schwantes ex Walgate

Perennial. Succulent. Ht up to 0.15 m. Alt? N

NANANTHUS N.E.Br. 2405084

- (1) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 54.
 (2) Bolus. 1947. *The Flowering Plants of Africa* 26: tt. 1036, 1037.
 (3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F-Z*: 181–184.

aloides (Haw.) Schwantes*Mesembryanthemum aloides* Haw. (3)*N. aloides* (Haw.) Schwantes var. *latus* L.Bolus (3)*N. wilmaniae* (L.Bolus) L.Bolus (3)

Perennial. Succulent. Ht up to 0.02 m. Alt up to 1400 m. B, NW, NC

aloides (Haw.) Schwantes var. *latus* L.Bolus = **N. aloides***aloides* (Haw.) Schwantes var. *striatus* (L.Bolus) L.Bolus = **N. vittatus***broomii* (L.Bolus) L.Bolus = **N. vittatus****gerstneri** (L.Bolus) L.Bolus

Perennial. Succulent. Ht up to 0.02 m. Alt 1400–1800 m. FS, EC

margaritiferus L.Bolus

Perennial. Succulent. Ht up to 0.01 m. Alt 900–1300 m. N, B, NC

pallens (L.Bolus) L.Bolus

Perennial. Succulent. Ht up to 0.03 m. Alt 950–1250 m. NC

peersii L.Bolus = **Deilantha peersii****pole-evansii** N.E.Br.

Perennial. Succulent. Ht up to 0.03 m. Alt 1100–1750 m. FS, EC

transvaalensis (Rolfe) L.Bolus var. *latus* L.Bolus = **N. vittatus***transvaalensis* (Rolfe) L.Bolus var. *transvaalensis* = **N. vittatus****vittatus** (N.E.Br.) Schwantes*N. aloides* (Haw.) Schwantes var. *striatus* (L.Bolus) L.Bolus (3)*N. broomii* (L.Bolus) L.Bolus (3)*N. transvaalensis* (Rolfe) L.Bolus var. *latus* L.Bolus (3)*N. transvaalensis* (Rolfe) L.Bolus var. *transvaalensis* (3)

Perennial. Succulent. Ht up to 0.01 m. Alt? NW, FS, NC

wilmaniae (L.Bolus) L.Bolus = **N. aloides****NELIA** Schwantes 2405085

- (1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F-Z*: 184, 185.

meyeri Schwantes = **N. pillansii****pillansii** (N.E.Br.) Schwantes*N. meyeri* Schwantes (1)*N. robusta* Schwantes (1)

Perennial. Succulent. Ht up to 0.08 m. Alt 100–350 m. NC

robusta Schwantes = **N. pillansii****schlechteri** Schwantes

Perennial. Succulent. Ht up to 0.12 m. Alt 190–680 m. NC

NEOHENRICIA L.Bolus 2405086

- (1) Hammer. 1994. *Cactus and Succulent Journal (US)* 66: 84–86.

- (2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F-Z*: 186.

sibbettii (L.Bolus) L.Bolus

Perennial. Succulent. Ht up to 0.01 m. Alt 1120–1380 m. FS, NC, EC

spiculata S.A.Hammer

Perennial. Succulent. Ht up to 0.01 m. Alt 1400–1900 m. EC

NYCTERANTHUS Neck. 2405151*abbreviatus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus abbreviatus***acuminatus* (Haw.) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens***albertensis* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus pumilus***albicaulis* (Haw.) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens***anguineus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus oculatus***arcuatus* (L.Bolus) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **noctiflora***arenicolus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus oculatus***aureus* (Thunb.) Schwantes, illegitimate name = **Phyllobolus nitidus***ausanus* (Dinter & A.Berger) Schwantes, illegitimate name = **Prekia tetragona***bijliae* (N.E.Br.) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens***blandus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens***brevicarpus* (L.Bolus) Schwantes, illegitimate name = **Aridaria brevicarpa***brevifolius* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens***calycinus* (L.Bolus) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **noctiflora***canaliculatus* (Haw.) Schwantes, illegitimate name = **Phyllobolus canaliculatus***carneus* (Haw.) Schwantes, illegitimate name = **Phyllobolus spinuliferus***caudatus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus caudatus***celans* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens***commutatus* (A.Berger) Schwantes, illegitimate name = **Phyllobolus grossus***compactus* (L.Bolus) Schwantes, illegitimate name = **Aridaria serotina***congestus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus congestus***constrictus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens***debilis* (L.Bolus) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **noctiflora**

- deciduus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus deciduus**
- decurvatus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus decurvatus**
- defoliatus* (Haw.) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **defoliata**
- dejagerae* (L.Bolus) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **straminea**
- delus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus delus**
- dinteri* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus melanospermus**
- dyeri* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**
- ebracteatus* (N.E.Br.) Schwantes var. *brevipetalus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus trichotomus**
- ebracteatus* (N.E.Br.) Schwantes var. *ebracteatus*, illegitimate name = **Phyllobolus trichotomus**
- elongatus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus prasinus**
- englishiae* (L.Bolus) Schwantes, illegitimate name = **Prenia englishiae**
- esterhuyseniae* (L.Bolus) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **straminea**
- flexuosus* (Haw.) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**
- floribundus* (L.Bolus) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **noctiflora**
- fourcadei* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**
- fragilis* (N.E.Br.) Schwantes, illegitimate name = **Phyllobolus oculatus**
- framesii* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus spinuliferus**
- fulvus* (Haw.) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **straminea**
- glanduliferus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus sinuosus**
- globosus* (L.Bolus) Schwantes, illegitimate name = **Aridaria serotina**
- godmaniae* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus sinuosus**
- gracilis* (L.Bolus) Schwantes, illegitimate name = **Aridaria serotina**
- gratiae* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus grossus**
- grossus* (Aiton) Schwantes, illegitimate name = **Phyllobolus grossus**
- herbertii* (N.E.Br.) Schwantes, illegitimate name = **Phyllobolus herbertii**
- horizontalis* (Haw.) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **defoliata**
- inaequalis* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus nitidus**
- intricatus* (L.Bolus) Schwantes, illegitimate name = **Aridaria brevicarpa**
- latipetalus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus latipetalus**
- laxipetalus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus grossus**
- laxus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus decurvatus**
- leptopetalus* (L.Bolus) Friedrich = **Phyllobolus splendens** subsp. **splendens**
- ligneus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus melanospermus**
- longisepalus* (L.Bolus) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **defoliata**
- longispinulus* (Haw.) Schwantes, illegitimate name = **Phyllobolus grossus**
- longitubus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus tenuiflorus**
- luteoalbus* (L.Bolus) Schwantes, illegitimate name = **Prenia tetragona**
- macrosiphon* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus tenuiflorus**
- meridianus* (L.Bolus) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **defoliata**
- meyeri* (L.Bolus) Schwantes, illegitimate name = **Aridaria brevicarpa**
- muirii* (L.Bolus) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **defoliata**
- multiseriatus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus prasinus**
- mutans* (L.Bolus) Schwantes, illegitimate name = **Prenia tetragona**
- noctiflorus* (L.) Rothm., illegitimate name = **Aridaria noctiflora** subsp. **noctiflora**
- nothus* (N.E.Br.) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**
- obtusus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus decurvatus**
- oculatus* (N.E.Br.) Schwantes, illegitimate name = **Phyllobolus oculatus**
- odoratus* (L.Bolus) Schwantes, illegitimate name = **Hereroa odorata**
- oubergensis* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus pumilus**
- ovalis* (L.Bolus) Schwantes, illegitimate name = **Aridaria serotina**
- parvisepalus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus spinuliferus**
- paucandrus* L.Bolus var. *gracillima* (L.Bolus) Schwantes, illegitimate name = **Aridaria serotina**
- paucandrus* (L.Bolus) Schwantes var. *paucandrus*, illegitimate name = **Aridaria serotina**
- peersii* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus tenuiflorus**
- pentagonus* (L.Bolus) Schwantes var. *occidentalis* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **pentagonus**
- pentagonus* (L.Bolus) Schwantes var. *pentagonus*, illegitimate name = **Phyllobolus splendens** subsp. **pentagonus**

- platysepalus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus grossus**
- plenifolius* (N.E.Br.) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**
- pomona* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus oculatus**
- prasinus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus prasinus**
- primulinus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**
- pumilus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus pumilus**
- quartziticus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus quartziticus**
- quaternus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus spinuliferus**
- rabiei* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus rabiei**
- rabiesbergensis* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**
- radicans* (L.Bolus) Schwantes, illegitimate name = **Prenia radicans**
- recurvus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus sinuosus**
- rhodandrus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus nitidus**
- roseus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**
- salmoneus* (Haw.) Schwantes, illegitimate name = **Phyllobolus canaliculatus**
- saturatus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus saturatus**
- scintillans* (Dinter) Schwantes, illegitimate name = **Phyllobolus oculatus**
- serotinus* (L.Bolus) Schwantes, illegitimate name = **Aridaria serotina**
- sinuosus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus sinuosus**
- spinuliferus* (Haw.) Schwantes, illegitimate name = **Phyllobolus spinuliferus**
- splendens* (L.) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**
- stramineus* (Haw.) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **straminea**
- straminicolor* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus sinuosus**
- striatus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**
- strictus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus spinuliferus**
- subaequans* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **pentagonus**
- subpatens* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **pentagonus**
- subtruncatus* (L.Bolus) Schwantes, illegitimate name = **Aridaria noctiflora** subsp. **straminea**
- suffusus* (L.Bolus) Schwantes, illegitimate name = **Prenia tetragona**
- sulcatus* (Haw.) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**
- tenuiflorus* (Jacq.) Schwantes, illegitimate name = **Phyllobolus tenuiflorus**
- tenuifolius* (L.Bolus) Schwantes var. *speciosa* L.Bolus, illegitimate name = **Aridaria serotina**
- tenuifolius* (L.Bolus) Schwantes var. *tenuifolius*, illegitimate name = **Aridaria serotina**
- tetragonus* (Thunb.) Schwantes, illegitimate name = **Prenia tetragona**
- tetramerus* (L.Bolus) Schwantes var. *parviflorus* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus trichotomus**
- tetramerus* (L.Bolus) Schwantes var. *tetramerus*, illegitimate name = **Phyllobolus trichotomus**
- trichotomus* (Thunb.) Schwantes, illegitimate name = **Phyllobolus trichotomus**
- umbelliflorus* (Jacq.) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**
- varians* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus oculatus**
- vernalis* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus splendens** subsp. **splendens**
- vespertinus* (L.Bolus) Schwantes, illegitimate name = **Aridaria vespertina**
- viridiflorus* (Aiton) Schwantes, illegitimate name = **Phyllobolus viridiflorus**
- watermeyereri* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus spinuliferus**
- willowmorensis* (L.Bolus) Schwantes, illegitimate name = **Phyllobolus grossus**

OCTOPOMA N.E.Br. 2405087(1) Hartmann. 1998. *Bradleya* 16: 44–91.(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 188–190.**abruptum** (A.Berger) N.E.Br.*Mesembryanthemum abruptum* A.Berger (1)*Ruschia abrupta* (A.Berger) G.D.Rowley (1)

Perennial. Succulent. Ht up to 0.25 m. Alt 300–800 m.

WC

calycinum (L.Bolus) L.Bolus = **Zeuktophyllum calycinum****conjunctum** (L.Bolus) L.Bolus = **O. connatum****connatum** (L.Bolus) L.Bolus*Mesembryanthemum connatum* N.E.Br. (1)*O. conjunctum* (L.Bolus) L.Bolus (1)*Ruschia conjuncta* L.Bolus (1)*Ruschia connata* L.Bolus (1)

Perennial. Succulent. Ht up to 0.3 m. Alt 180–650 m.

NC, WC

inclusum (L.Bolus) N.E.Br.*Mesembryanthemum inclusum* L.Bolus (1)*Ruschia restituta* G.D.Rowley (1)

Perennial. Succulent. Ht up to 0.25 m. Alt up to 1200 m.

m. NC

octojuge (L.Bolus) N.E.Br.*Mesembryanthemum octojuge* L.Bolus (1)*Ruschia octojugis* (L.Bolus) L.Bolus (1)

Perennial. Succulent. Ht up to 0.08 m. Alt 190–560 m.
WC

quadrisepalum (L.Bolus) H.E.K.Hartmann
Ruschia quadrisepala L.Bolus (1)

Perennial. Succulent. Ht up to 0.1 m. Alt 190–560 m.
WC

rupigenum (L.Bolus) L.Bolus

Ruschia rupicola L.Bolus, illegitimate name (1)
Ruschia rupigena L.Bolus (1)

Perennial. Succulent. Ht up to 0.2 m. Alt 300–850 m.
WC

subglobosum (L.Bolus) L.Bolus

Mesembryanthemum reductum N.E.Br. in part (1)
Ruschia subglobosa L.Bolus (1)

Perennial. Succulent. Ht up to 0.2 m. Alt 650–1200 m.
NC

tetrasepalum (L.Bolus) H.E.K.Hartmann

Ruschia tetrasepala L.Bolus (1)

Perennial. Succulent. Ht up to 0.2 m. Alt 200–270 m.
WC

ODONTOPHORUS N.E.Br. 2405088

- (1) Hartmann. 1976. *Botanische Jahrbücher* 97: 161–225.
- (2) Hammer. 1993. *Bradleya* 11: 75–85.
- (3) Hammer. 1995. *Piante Grasse* 15,4 Suppl.: 59–87.
- (4) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 191, 192.

albus L.Bolus = **O. nanus**

angustifolius L.Bolus subsp. **angustifolius**

Perennial. Succulent. Ht up to 0.08 m. Alt up to 1200 m. NC

angustifolius L.Bolus subsp. **protoparcooides** S.A.Hammer

Perennial. Succulent. Ht up to 0.01 m. Alt 700–1200 m. NC

herrei L.Bolus = **O. nanus**

marlothii N.E.Br.

Perennial. Succulent. Ht up to 0.4 m. Alt 450–1200 m. NC

nanus L.Bolus

O. albus L.Bolus (1)
O. herrei L.Bolus (1)
O. prumulinus L.Bolus (1)

Perennial. Succulent. Ht up to 0.05 m. Alt 850–1200 m. NC

prumulinus L.Bolus = **O. nanus**

pusillus S.A.Hammer

Perennial. Succulent. Ht up to 0.08 m. Alt 1000–1200 m. NC

OOPHYTUM N.E.Br. 2405089

- (1) Ihlenfeldt. 1978. *Botanische Jahrbücher* 99: 303–328.
- (2) Ihlenfeldt. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 192, 193.

nanum (Schltr.) L.Bolus

Perennial. Succulent. Ht up to 0.015 m. Alt 200–350 m. WC

nordenstamii L.Bolus = **O. oviforme**

oviforme (N.E.Br.) N.E.Br.

O. nordenstamii L.Bolus (1)

Perennial. Succulent. Ht up to 0.015 m. Alt 200–350 m. WC

OPHTHALMOPHYLLUM Dinter 2405090 & Schwantes

australe L.Bolus = **Conophytum caroli**

caroli (Lavis) Tischer = **Conophytum caroli**

dinteri Schwantes ex H.Jacobsen = **Conophytum friedrichiae**

friedrichiae (Dinter) Dinter & Schwantes = **Conophytum friedrichiae**

fulleri Lavis = **Conophytum longum**

harmoepense L.Bolus = **Conophytum marginatum** subsp. **harmoepense**

latum Tischer forma *latum* = **Conophytum maughanii** subsp. **latum**

latum Tischer forma *rubrum* (Tischer) G.D.Rowley = **Conophytum maughanii** subsp. **latum**

littlewoodii L.Bolus = **Conophytum devium** subsp. **devium**

longitubum L.Bolus = **Conophytum longum**

longum (N.E.Br.) Tischer = **Conophytum longum**

lydiae H.Jacobsen = **Conophytum lydiae**

maughanii (N.E.Br.) Schwantes = **Conophytum maughanii** subsp. **maughanii**

noctiflorum L.Bolus = **Conophytum maughanii** subsp. **latum**

praesectum (N.E.Br.) Schwantes = **Conophytum praesectum**

pubescens Tischer = **Conophytum pubescens**

rufescens (N.E.Br.) Tischer = **Conophytum maughanii** subsp. **maughanii**

schlechteri Schwantes = **Conophytum longum**

schuldtii Schwantes = **Conophytum maughanii** subsp. **maughanii**

spathulatum L.Bolus = **Conophytum lydiae**

subfenestratum (Schwantes) Tischer = **Conophytum subfenestratum**

triebneri Schwantes = **Conophytum friedrichiae**

vanheerdei L.Bolus = **Conophytum friedrichiae**

verrucosum Lavis = **Conophytum verrucosum**

villetii L.Bolus = **Conophytum concordans**

OPOPHYTUM N.E.Br. 2405091

ampliatum L.Bolus = **Mesembryanthemum hypertrophicum**

aquosum (L.Bolus) N.E.Br. = **Mesembryanthemum hypertrophicum**

australe L.Bolus = **Mesembryanthemum hypertrophicum**

fastigiatum (Thunb.) N.E.Br. = **Mesembryanthemum fastigiatum**

ORTHOPTERUM L.Bolus 2405092

- (1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 195.

coegana L.Bolus

Perennial. Succulent. Ht up to 0.03 m. Alt 100–145 m. EC

waltoniae L.Bolus

Perennial. Succulent. Ht up to 0.05 m. Alt 300–830 m.
EC

OSCULARIA Schwantes 2405093

- (1) Hartmann. 1998. *Bradleya* 16: 44–91.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 195–200.
(3) Klak. 2001. *Phylogeny and character evolution in the Lampranthus group (Aizoaceae–Ruschioideae)*. Unpublished Ph.D. thesis, University of Cape Town.

alba (L.Bolus) H.E.K.Hartmann

Lampranthus albus (L.Bolus) L.Bolus (1)
Mesembryanthemum album L.Bolus (1)
Perennial. Succulent. Ht up to 0.2 m. Alt 300–1000 m.
WC

caulescens (Mill.) Schwantes

Lampranthus deltooides (L.) Glen var. *caulescens* (Mill.) G.D.Rowley (1)
Mesembryanthemum caulescens Mill. (1)
Mesembryanthemum deltooides L. var. *simplex* DC. (1)
Perennial. Succulent. Ht up to 0.3 m. Alt 300–1200 m.
WC

cedarbergensis (L.Bolus) H.E.K.Hartmann

Lampranthus cedarbergensis (L.Bolus) L.Bolus (1)
Mesembryanthemum cedarbergense L.Bolus (1)
Perennial. Succulent. Ht up to 0.15 m. Alt up to 2000 m. WC

compressa (L.Bolus) H.E.K.Hartmann

Lampranthus compressus L.Bolus (1)
Perennial. Succulent. Ht up to 0.18 m. Alt 300–2000 m. WC

comptonii (L.Bolus) H.E.K.Hartmann

Lampranthus comptonii (L.Bolus) N.E.Br. forma *roseus* (L.Bolus) G.D.Rowley (1)
Lampranthus comptonii (L.Bolus) N.E.Br. var. *angustifolius* (L.Bolus) L.Bolus forma *angustifolius* (3)
Lampranthus comptonii (L.Bolus) N.E.Br. var. *angustifolius* forma *roseus* (L.Bolus) G.D.Rowley (1)
Lampranthus comptonii (L.Bolus) N.E.Br. var. *comptonii* (1)
Lampranthus comptonii (L.Bolus) N.E.Br. var. *roseus* (L.Bolus) L.Bolus ex H.Jacobsen (1)
Mesembryanthemum comptonii L.Bolus (1)
Mesembryanthemum comptonii L.Bolus var. *roseum* L.Bolus (1)
Perennial. Succulent. Ht 0.15–0.23 m. Alt 400–1000 m. WC

copiosa (L.Bolus) H.E.K.Hartmann

Perennial. Succulent. Ht? Alt? ‘SA’

deltata (Mill.) Schwantes, illegitimate name = **O. deltooides****deltooides** (L.) Schwantes

Lampranthus deltooides (L.) Glen (1)
Mesembryanthemum deltooides L. var. *muricatum* A.Berger (1)
Mesembryanthemum muricatum Haw. (1)
O. deltata (Mill.) Schwantes, illegitimate name (1)
O. deltooides (L.) Schwantes var. *muricata* (A.Berger) Schwantes (1)
O. muricata (Haw.) Schwantes ex H.Jacobsen, illegitimate name (1)
Perennial. Succulent. Ht up to 0.5 m. Alt 450–1250 m.
WC

deltooides (L.) Schwantes var. *muricata* (A.Berger) Schwantes = **O. deltooides**

deltooides (L.) Schwantes var. *pedunculata* (N.E.Br.) Schwantes = **O. pedunculata**

excedens (L.Bolus) H.E.K.Hartmann

Lampranthus excedens (L.Bolus) L.Bolus (1)
Mesembryanthemum excedens L.Bolus (1)
Perennial. Succulent. Ht up to 0.16 m. Alt 300–980 m.
WC

falciforme Haw. = **Lampranthus falciformis**

falciformis (Haw.) H.E.K.Hartmann = **Lampranthus falciformis**

guthriae (L.Bolus) H.E.K.Hartmann

Lampranthus guthriae (L.Bolus) N.E.Br. (1)
Mesembryanthemum guthriae L.Bolus (1)
Perennial. Succulent. Ht up to 0.12 m. Alt? WC

lunata (Willd.) H.E.K.Hartmann

Lampranthus lunatus (Willd.) N.E.Br. (1)
Mesembryanthemum lunatum Willd. (1)
Perennial. Succulent. Ht up to 0.4 m. Alt 50–450 m.
WC

major (Weston) Schwantes

Perennial. Succulent. Ht? Alt? ‘SA’

muricata (Haw.) Schwantes ex H.Jacobsen, illegitimate name = **O. deltooides**

ornata (L.Bolus) H.E.K.Hartmann

Lampranthus ornatus L.Bolus (1)
Mesembryanthemum pageanum in sense of L.Bolus (1929), not of L.Bolus (1927), illegitimate name (1)
Perennial. Succulent. Ht up to 0.25 m. Alt 300–850 m.
WC

paardebergensis (L.Bolus) H.E.K.Hartmann

Lampranthus paardebergensis (L.Bolus) L.Bolus (1)
Mesembryanthemum paardebergense L.Bolus (1)
Perennial. Succulent. Ht up to 0.2 m. Alt 180–340 m.
WC

pedunculata (N.E.Br.) Schwantes

Mesembryanthemum deltooides L. var. *pedunculatum* N.E.Br. (1)
O. deltooides (L.) Schwantes var. *pedunculata* (N.E.Br.) Schwantes (1)
Perennial. Succulent. Ht? Alt? WC

piquetbergensis (L.Bolus) H.E.K.Hartmann

Lampranthus piquetbergensis (L.Bolus) L.Bolus (1)
Mesembryanthemum piquetbergense L.Bolus (1)
Perennial. Succulent. Ht up to 0.1 m. Alt 300–980 m.
WC

prasina (L.Bolus) H.E.K.Hartmann

Lampranthus prasinus L.Bolus (1)
Perennial. Succulent. Ht up to 0.12 m. Alt 350–550 m.
WC

primiverna (L.Bolus) H.E.K.Hartmann

Perennial. Succulent. Ht up to 0.3 m. Alt 300–960 m.
WC

steenbergensis (L.Bolus) H.E.K.Hartmann

Lampranthus steenbergensis (L.Bolus) L.Bolus (1)
Mesembryanthemum steenbergense L.Bolus (1)
Perennial. Succulent. Ht up to 0.25 m. Alt 30–350 m.
WC

superans (L.Bolus) H.E.K.Hartmann

Lampranthus superans (L.Bolus) L.Bolus (1)
Mesembryanthemum superans L.Bolus (1)
Perennial. Succulent. Ht up to 0.25 m. Alt 200–1016 m. WC

thermarum (L.Bolus) H.E.K.Hartmann

Lampranthus thermarum (L.Bolus) L.Bolus (1)
Mesembryanthemum thermarum L.Bolus (1)
Perennial. Succulent. Ht 0.1–0.2 m. Alt 100–420 m.
WC

vernicolor (L.Bolus) H.E.K.Hartmann

Lampranthus vernicolor (L.Bolus) L.Bolus (1)
Mesembryanthemum vernicolor L.Bolus (1)
Perennial. Succulent. Ht up to 0.1 m. Alt 300–900 m.
WC

vredenburgensis (L.Bolus) H.E.K.Hartmann

- Lampranthus vredenburgeris* L.Bolus (1)
Perennial. Succulent. Ht 0.15–0.24 m. Alt 20–260 m.
WC
- OTTOSONDERIA** L.Bolus 2405094
(1) Hartmann. 1999. *Bradleya* 17: 38–74.
(2) Chesselet *et al.* 2000. *Aloe* 37: 88–90.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 200.
- monticola** (Sond.) L.Bolus
Ruschia monticola (Sond.) G.D.Rowley (1)
Ruschia ottosonderi G.D.Rowley (1)
Perennial. Succulent. Ht up to 0.22 m. Alt 300–550 m.
NC, WC
- obtusa** L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 200–450 m.
NC, WC
- PEERSIA** L.Bolus 2405153
(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 201.
- frithii** (L.Bolus) L.Bolus
Rhinephyllum frithii (L.Bolus) L.Bolus (1)
Perennial. Succulent. Ht up to 0.2 m. Alt 600–950 m.
WC, EC
- macradenia** (L.Bolus) L.Bolus
Rhinephyllum macradenium (L.Bolus) L.Bolus (1)
Perennial. Succulent. Ht up to 0.25 m. Alt 600–1200 m.
WC
- vanheerdei** (L.Bolus) H.E.K.Hartmann
Rhinephyllum vanheerdei L.Bolus (1)
Perennial. Succulent. Ht up to 0.7 m. Alt 1020–1170 m.
m. NC, WC
- PENTACOILANTHUS** Rappa & Camarrone 2405187
Camarrone
crassicaulis (Haw.) Rappa & Camarrone, invalid name
= **Sceletium crassicaule**
expansus (L.) Rappa & Camarrone, invalid name =
Sceletium expansum
splendens (L.) Rappa & Camarrone, invalid name =
Phyllobolus splendens subsp. **splendens**
tortuosus (L.) Rappa & Camarrone, invalid name =
Sceletium tortuosum
- PERAPENTACOILANTHUS** Rappa & Camarrone 2405186
& Camarrone
acuminatus (Haw.) Rappa & Camarrone, invalid name =
Phyllobolus splendens subsp. **splendens**
brevifolius (L.Bolus) Rappa & Camarrone, invalid name
= **Phyllobolus splendens** subsp. **splendens**
delus (L.Bolus) Rappa & Camarrone, invalid name =
Phyllobolus delus
granulicaulis (Haw.) Rappa & Camarrone, invalid name
= **Psilocaulon granulicaule**
grossus (Aiton) Rappa & Camarrone, invalid name =
Phyllobolus grossus
longispinulus (Haw.) Rappa & Camarrone, invalid name
= **Phyllobolus grossus**
scintillans (Dinter) Rappa & Camarrone, invalid name =
Phyllobolus oculatus
- spinuliferus* (Haw.) Rappa & Camarrone, invalid name
= **Phyllobolus spinuliferus**
splendens (L.) Rappa & Camarrone, invalid name =
Phyllobolus splendens subsp. **splendens**
sulcatus (Haw.) Rappa & Camarrone, invalid name =
Phyllobolus splendens subsp. **splendens**
vanrensburgii (L.Bolus) Rappa & Camarrone = **Prenia
vanrensburgii**
viridiflorus (Aiton) Rappa & Camarrone, invalid name
= **Phyllobolus viridiflorus**
- PERATETRACOILANTHUS** Rappa 2405188
& Camarrone
defolius (Haw.) Rappa & Camarrone, invalid name =
Aridaria noctiflora subsp. **defoliata**
noctiflorus (L.) Rappa & Camarrone, invalid name =
Aridaria noctiflora subsp. **noctiflora**
tetragonus (Thunb.) Rappa & Camarrone = **Prenia tetra-
gona**
junceus (Haw.) Rappa & Camarrone = **Psilocaulon jun-
ceum**
parviflorus (Jacq.) Rappa & Camarrone = **Psilocaulon
parviflorum**
- PHEROLOBUS** N.E.Br. 2405095
maughanii N.E.Br. var. *maughanii* = **Dorotheanthus
maughanii**
maughanii N.E.Br. var. *stayneri* L.Bolus = **Dorothe-
anthus maughanii**
- PHYLLOBOLUS** N.E.Br. 2405152
(1) Gerbaulet. 1997. *Botanische Jahrbücher* 119: 145–211.
(2) Gerbaulet. 2001. In Hartmann, *Illustrated handbook of succulent
plants. Aizoaceae, F–Z*: 203–217.
- abbreviatus** (L.Bolus) Gerbaulet
Aridaria abbreviata L.Bolus (1)
Nycteranthis abbreviatus (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus abbreviatus (L.Bolus) L.Bolus, invalid name (1)
Perennial. Succulent, geophyte. Ht up to 0.03 m. Alt
180–350 m. WC
- amabilis** Gerbaulet & Struck
Perennial. Succulent, geophyte. Ht up to 0.1 m. Alt
1200–1600 m. NC
- canaliculatus** (Haw.) Bittrich
Aridaria canaliculata (Haw.) Friedrich (1)
Mesembryanthemum canaliculatum Haw. (1)
Mesembryanthemum salmoneum Haw. (1)
Mesembryanthemum salmoneum Salm-Dyck (1)
Nycteranthis canaliculatus (Haw.) Schwantes, illegitimate name (1)
Nycteranthis salmoneus (Haw.) Schwantes, illegitimate name (1)
Sphalmanthus calycinus L.Bolus (1)
Sphalmanthus canaliculatus (Haw.) N.E.Br. (1)
Sphalmanthus salmoneus (Haw.) N.E.Br. (1)
Perennial. Succulent, geophyte. Ht up to 0.05 m. Alt
40–370 m. WC, EC
- caudatus** (L.Bolus) Gerbaulet
Aridaria caudata (L.Bolus) L.Bolus (1)
Mesembryanthemum caudatum L.Bolus (1)
Nycteranthis caudatus (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus caudatus (L.Bolus) N.E.Br. (1)
Perennial. Succulent, geophyte. Ht up to 0.08 m. Alt
500–980 m. WC
- chrysophthalmus** Gerbaulet & Struck

- Perennial. Succulent. Ht up to 0.15 m. Alt 180–350 m.
WC
- congestus** (L.Bolus) Gerbaulet
Aridaria congesta L.Bolus (1)
Nycteranthus congestus (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus congestus (L.Bolus) L.Bolus, invalid name (1)
Perennial. Succulent. Ht up to 0.05 m. Alt 200–350 m.
WC
- deciduus** (L.Bolus) Gerbaulet
Aridaria decida L.Bolus (1)
Nycteranthus deciduus (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus deciduus (L.Bolus) L.Bolus (1)
Perennial. Succulent. Ht up to 0.7 m. Alt 800–1200 m.
WC
- decurvatus** (L.Bolus) Gerbaulet
Aridaria decurvata L.Bolus (1)
Aridaria laxa L.Bolus (1)
Aridaria obtusa L.Bolus (1)
Nycteranthus decurvatus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus laxus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus obtusus (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus decurvatus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus laxus (L.Bolus) N.E.Br. (1)
Sphalmanthus obtusus (L.Bolus) L.Bolus, invalid name (1)
Perennial. Succulent. Ht up to 0.4 m. Alt up to 1200 m.
NC
- delus** (L.Bolus) Gerbaulet
Aridaria dela (L.Bolus) L.Bolus (1)
Mesembryanthemum delum L.Bolus (1)
Nycteranthus delus (L.Bolus) Schwantes, illegitimate name (1)
Perapentacoilanthus delus (L.Bolus) Rappa & Camarrone, invalid name (1)
Sphalmanthus delus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus hallii L.Bolus (1)
Sphalmanthus stayneri L.Bolus (1)
Perennial. Succulent. Ht up to 0.2 m. Alt 200–1300 m.
NC, WC
- digitatus** (Aiton) Gerbaulet subsp. *digitatus* = **Dactylopsis digitata**
- digitatus** (Aiton) Gerbaulet subsp. *littlewoodii* (L.Bolus) Gerbaulet = **Dactylopsis littlewoodii**
- gariopensis** Gerbaulet & Struck
Perennial. Succulent. Ht 0.2–0.3 m. Alt 190–1100 m. NC
- grossus** (Aiton) Gerbaulet
Aridaria gratiae L.Bolus (1)
Aridaria grossa (Aiton) Friedrich (1)
Aridaria laxipetala L.Bolus (1)
Aridaria longispinula (Haw.) L.Bolus (1)
Aridaria platysepalus L.Bolus (1)
Aridaria subpetiolata L.Bolus (1)
Aridaria willowmorensis L.Bolus (1)
Mesembryanthemum commutatum A.Berger (1)
Mesembryanthemum grossum Aiton (1)
Mesembryanthemum longispinulum Haw. (1)
Mesembryanthemum longispinulum Salm-Dyck (1)
Nycteranthus commutatus (A.Berger) Schwantes, illegitimate name (1)
Nycteranthus gratiae (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus grossus (Aiton) Schwantes, illegitimate name (1)
Nycteranthus laxipetalus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus longispinulus (Haw.) Schwantes, illegitimate name (1)
Nycteranthus platysepalus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus willowmorensis (L.Bolus) Schwantes, illegitimate name (1)
Perapentacoilanthus grossus (Aiton) Rappa & Camarrone, invalid name (1)
Perapentacoilanthus longispinulus (Haw.) Rappa & Camarrone, invalid name (1)
Sphalmanthus commutatus (A.Berger) N.E.Br. (1)
Sphalmanthus gratiae (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus grossus (Aiton) N.E.Br. (1)
Sphalmanthus gydowensis L.Bolus (1)
Sphalmanthus laxipetalus (L.Bolus) L.Bolus, invalid name (1)
- Sphalmanthus leipoldtii* L.Bolus (1)
Sphalmanthus longispinulus (Haw.) N.E.Br. (1)
Sphalmanthus platysepalus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus subpetiolatus (L.Bolus) L.Bolus (1)
Sphalmanthus willowmorensis (L.Bolus) L.Bolus, invalid name (1)
Perennial. Succulent, geophyte. Ht up to 0.15 m. Alt 300–1100 m. WC, EC
- herbertii** (N.E.Br.) Gerbaulet
Aridaria herbertii (N.E.Br.) Friedrich (1)
Nycteranthus herbertii (N.E.Br.) Schwantes, illegitimate name (1)
Sphalmanthus herbertii N.E.Br. (1)
Sphalmanthus humilis L.Bolus (1)
Perennial. Succulent, geophyte. Ht up to 0.03 m. Alt 200–350 m. WC
- latipetalus** (L.Bolus) Gerbaulet
Aridaria latipetala L.Bolus (1)
Nycteranthus latipetalus (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus latipetalus (L.Bolus) L.Bolus, invalid name (1)
Perennial. Succulent. Ht up to 0.05 m. Alt 920–1150 m. NC
- lesliei** N.E.Br. = **P. resurgens**
- lignescens** (L.Bolus) Gerbaulet
Cryophytum suaveolens (L.Bolus) J.W.Ingram (1)
Mesembryanthemum suaveolens L.Bolus, illegitimate name (1)
Sphalmanthus lignescens L.Bolus (1)
Sphalmanthus suaveolens (L.Bolus) H.Jacobsen (2)
Perennial. Succulent. Ht up to 0.5 m. Alt 950–1650 m.
N, NC
- melanospermus** (Dinter & Schwantes) Gerbaulet
Aridaria dinteri L.Bolus, illegitimate name (1)
Aridaria lignea L.Bolus (1)
Mesembryanthemum melanospermum Dinter, illegitimate name (1)
Nycteranthus dinteri (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus ligneus (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus dinteri (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus ligneus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus melanospermus Dinter & Schwantes (1)
Perennial. Succulent. Ht up to 0.25 m. Alt 10–1150 m.
N, NC
- nitidus** (Haw.) Gerbaulet
Aridaria aurea (Thunb.) L.Bolus (1)
Aridaria inaequalis L.Bolus (1)
Aridaria nitida (Haw.) N.E.Br. (1)
Aridaria rhodandra L.Bolus (1)
Drosanthemum nitidum (Haw.) Schwantes (1)
Mesembryanthemum auratum Sond. (1)
Mesembryanthemum aureum Thunb., illegitimate name (1)
Mesembryanthemum nitidum Haw. (1)
Nycteranthus aureus (Thunb.) Schwantes, illegitimate name (1)
Nycteranthus inaequalis (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus rhodandrus (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus auratus (Sond.) L.Bolus, invalid name (1)
Sphalmanthus littlewoodii L.Bolus (1)
Sphalmanthus nitidus (Haw.) L.Bolus, invalid name (1)
Sphalmanthus rhodandrus (L.Bolus) L.Bolus, invalid name (1)
Perennial. Succulent. Ht up to 0.3 m. Alt 300–1600 m.
NC, WC
- noctiflorus** (L.) Bittrich = **Aridaria noctiflora** subsp. **noctiflora**
- oculatus** (N.E.Br.) Gerbaulet
Amoebophyllum rangei N.E.Br. (1)
Aridaria anguinea L.Bolus (1)
Aridaria arenicola L.Bolus (1)
Aridaria fragilis (N.E.Br.) Friedrich (1)
Aridaria oculata (N.E.Br.) L.Bolus (1)
Aridaria pomonae L.Bolus (1)
Aridaria rangei (N.E.Br.) Friedrich (1)
Aridaria scintillans (Dinter) Friedrich (1)
Aridaria varians L.Bolus (1)
Mesembryanthemum crystallino-papillosum Bolus ex Fedde & J.Schust. (1)

Mesembryanthemum oculatum N.E.Br. (1)
Mesembryanthemum scintillans Dinter (1)
Nycteranthus anguineus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus arenicolus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus fragilis (N.E.Br.) Schwantes, illegitimate name (1)
Nycteranthus oculatus (N.E.Br.) Schwantes, illegitimate name (1)
Nycteranthus pomonae (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus scintillans (Dinter) Schwantes, illegitimate name (1)
Nycteranthus varians (L.Bolus) Schwantes, illegitimate name (1)
Perapentacoilanthus scintillans (Dinter) Rappa & Camarrone, invalid name (1)
Sphalmanthus anguineus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus arenicolus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus fragilis N.E.Br. (1)
Sphalmanthus longipapillatus L.Bolus (1)
Sphalmanthus oculatus (N.E.Br.) N.E.Br. (1)
Sphalmanthus pomonae (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus scintillans (Dinter) Dinter & Schwantes (1)
Sphalmanthus varians (L.Bolus) L.Bolus (2)
 Perennial. Succulent, geophyte. Ht up to 0.08 m. Alt 10–1200 m. N, NC

pallens (Aiton) Bittrich = **Prenia pallens** subsp. **pallens**

pearsonii N.E.Br., invalid name = **P. resurgens**

prasinus (L.Bolus) Gerbaulet

Aridaria elongata L.Bolus (1)
Aridaria multiseriata L.Bolus (1)
Aridaria prasina L.Bolus (1)
Nycteranthus elongatus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus multiseriatus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus prasinus (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus crassus L.Bolus (1)
Sphalmanthus herrei L.Bolus (1)
Sphalmanthus prasinus (L.Bolus) L.Bolus, invalid name (1)
 Perennial. Succulent, geophyte. Ht up to 0.05 m. Alt up to 1200 m. NC

pubicalyx N.E.Br. = **P. resurgens**

pumilus (L.Bolus) Gerbaulet

Aridaria albertensis L.Bolus (1)
Aridaria oubergensis L.Bolus (1)
Aridaria pumila L.Bolus (1)
Nycteranthus albertensis (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus oubergensis (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus pumilus (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus albertensis (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus oubergensis (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus pumilus (L.Bolus) L.Bolus, invalid name (1)
 Perennial. Succulent, geophyte. Ht up to 0.03 m. Alt 300–1000 m. NC, WC

quartziticus (L.Bolus) Gerbaulet

Aridaria quartzitica L.Bolus (1)
Nycteranthus quartziticus (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus quartziticus (L.Bolus) L.Bolus, invalid name (1)
 Perennial. Succulent. Ht up to 0.3 m. Alt 100–350 m. NC, WC

rabiei (L.Bolus) Gerbaulet

Aridaria rabiei L.Bolus (1)
Nycteranthus rabiei (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus rabiei (L.Bolus) N.E.Br. (1)
 Perennial. Succulent. Ht up to 0.05 m. Alt 1100–1450 m. FS

resurgens (Kensit) Schwantes

Aridaria resurgens (Kensit) L.Bolus (1)
Mesembryanthemum resurgens Kensit (1)
P. lesliei N.E.Br. (1)
P. pearsonii N.E.Br., invalid name (1)
P. publicalyx N.E.Br. (1)
Sphalmanthus micans L.Bolus (1)
Sphalmanthus resurgens (Kensit) L.Bolus (1)
 Perennial. Succulent, geophyte. Ht up to 0.03 m. Alt 500–1200 m. NC, WC

roseus (L.Bolus) Gerbaulet

Amoebophyllum angustum N.E.Br., illegitimate name (1)
Amoebophyllum roseum L.Bolus (1)
Sphalmanthus vanheerdei L.Bolus (1)
 Perennial. Succulent. Ht up to 1 m. Alt up to 1200 m. NC

saturatus (L.Bolus) Gerbaulet

Aridaria saturata L.Bolus (1)
Nycteranthus saturatus (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus acocksii L.Bolus (1)
Sphalmanthus baylissii L.Bolus (1)
Sphalmanthus saturatus (L.Bolus) L.Bolus, invalid name (1)
 Perennial. Succulent. Ht up to 0.2 m. Alt 30–1000 m. NC, WC

sinuosus (L.Bolus) Gerbaulet

Aridaria glandulifera L.Bolus (1)
Aridaria godmaniae L.Bolus (1)
Aridaria recurva L.Bolus (1)
Aridaria straminea L.Bolus (1)
Aridaria straminicolor L.Bolus (1)
Mesembryanthemum sinuosum L.Bolus (1)
Nycteranthus glanduliferus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus godmaniae (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus recurvus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus sinuosus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus straminicolor (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus glanduliferus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus godmaniae (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus praecox L.Bolus (1)
Sphalmanthus recurvus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus sinuosus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus straminicolor (L.Bolus) L.Bolus, invalid name (1)
 Perennial. Succulent, geophyte. Ht up to 0.2 m. Alt up to 1200 m. NC

spinuliferus (Haw.) Gerbaulet

Aridaria brevisepala L.Bolus (1)
Aridaria framesii L.Bolus (1)
Aridaria gibbosa L.Bolus, illegitimate name (1)
Aridaria parvisepala L.Bolus (1)
Aridaria quaterna L.Bolus (1)
Aridaria spinulifera (Haw.) N.E.Br. (1)
Aridaria stricta L.Bolus (1)
Aridaria watermeyeri L.Bolus (1)
Mesembryanthemum carneum Haw. (1)
Mesembryanthemum spinuliferum Haw. (1)
Mesembryanthemum spinuliforme Harv. & Sond. (1)
Nycteranthus carneus (Haw.) Schwantes, illegitimate name (1)
Nycteranthus framesii (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus parvisepalus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus quaternus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus spinuliferus (Haw.) Schwantes, illegitimate name (1)
Nycteranthus strictus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus watermeyeri (L.Bolus) Schwantes, illegitimate name (1)
Perapentacoilanthus spinuliferus (Haw.) Rappa & Camarrone, invalid name (1)
Sphalmanthus brevisepalus (L.Bolus) L.Bolus var. *brevisepalus*, invalid name (1)
Sphalmanthus carneus (Haw.) N.E.Br. (1)
Sphalmanthus framesii (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus quaternus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus rejuvenalis L.Bolus (1)
Sphalmanthus spinuliferus (Haw.) L.Bolus (1)
Sphalmanthus strictus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus watermeyeri (L.Bolus) L.Bolus, invalid name (1)
 Perennial. Succulent. Ht up to 0.3 m. Alt 10–650 m. NC, WC

splendens (L.) Gerbaulet subsp. **pentagonus** (L.Bolus) Gerbaulet

Aridaria pentagona L.Bolus (1)
Aridaria pentagona L.Bolus var. *occidentalis* L.Bolus (1)
Aridaria subaequans L.Bolus (1)
Aridaria subpatens L.Bolus (1)
Nycteranthus pentagonus (L.Bolus) Schwantes var. *occidentalis* (L.Bolus) Schwantes, illegitimate name (1)

Nycteranthus pentagonus (L.Bolus) Schwantes var. *pentagonus*, illegitimate name (1)
Nycteranthus subaequans (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus subpatens (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus pentagonus (L.Bolus) L.Bolus var. *occidentalis* (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus pentagonus (L.Bolus) L.Bolus var. *pentagonus*, invalid name (1)
Sphalmanthus subaequans (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus subpatens (L.Bolus) L.Bolus, invalid name (1)
 Perennial. Succulent. Ht up to 0.3 m. Alt 980–1500 m.
 FS, NC, WC, EC

splendens (L.) Gerbaulet subsp. **splendens**

Aridaria acuminata (Haw.) Schwantes (1)
Aridaria albicaulis (Haw.) N.E.Br. (1)
Aridaria bijliae (Haw.) N.E.Br. (1)
Aridaria blanda L.Bolus (1)
Aridaria brevifolia L.Bolus (1)
Aridaria celans L.Bolus (1)
Aridaria constricta L.Bolus (1)
Aridaria dyeri L.Bolus (1)
Aridaria fastigiata (Haw.) Schwantes, illegitimate name (1)
Aridaria flexuosa (Haw.) Schwantes (1)
Aridaria fourcadei L.Bolus (1)
Aridaria leptopetalum L.Bolus (1)
Aridaria nocta (N.E.Br.) N.E.Br. (1)
Aridaria plenifolia (N.E.Br.) Stearn (1)
Aridaria primulina L.Bolus (1)
Aridaria rabiesbergensis L.Bolus (1)
Aridaria reflexa (Haw.) N.E.Br. (1)
Aridaria rosea L.Bolus (1)
Aridaria splendens (L.) Schwantes (1)
Aridaria striata L.Bolus (1)
Aridaria sulcata (Haw.) Schwantes (1)
Aridaria umbelliflora (Jacq.) Schwantes (1)
Aridaria vernalis L.Bolus (1)
Mesembryanthemum acuminatum Haw. (1)
Mesembryanthemum albicaule Haw. (1)
Mesembryanthemum albicaule Salm-Dyck (1)
Mesembryanthemum fastigiatum Haw., illegitimate name (1)
Mesembryanthemum fastigiatum Haw. var. *reflexum* (Haw.) Haw. (1)
Mesembryanthemum fastigiatum Salm-Dyck (1)
Mesembryanthemum flexuosum Haw. (1)
Mesembryanthemum flexuosum Salm-Dyck (1)
Mesembryanthemum nothum N.E.Br. (1)
Mesembryanthemum plenifolium N.E.Br. (1)
Mesembryanthemum reflexum Haw. (1)
Mesembryanthemum splendens L. (1)
Mesembryanthemum sulcatum Haw. (1)
Mesembryanthemum umbelliflorum Jacq. (1)
Nycteranthus acuminatus (Haw.) Schwantes, illegitimate name (1)
Nycteranthus albicaulis (Haw.) Schwantes, illegitimate name (1)
Nycteranthus bijliae (N.E.Br.) Schwantes, illegitimate name (1)
Nycteranthus blandus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus brevifolius (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus celans (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus constrictus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus dyeri (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus flexuosus (Haw.) Schwantes, illegitimate name (1)
Nycteranthus fourcadei (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus leptopetalus (L.Bolus) Friedrich (1)
Nycteranthus nothus (N.E.Br.) Schwantes, illegitimate name (1)
Nycteranthus plenifolius (N.E.Br.) Schwantes, illegitimate name (1)
Nycteranthus primulinus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus rabiesbergensis (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus roseus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus splendens (L.) Schwantes, illegitimate name (1)
Nycteranthus striatus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus sulcatus (Haw.) Schwantes, illegitimate name (1)
Nycteranthus umbelliflorus (Jacq.) Schwantes, illegitimate name (1)
Nycteranthus vernalis (L.Bolus) Schwantes, illegitimate name (1)
Pentacoilanthus splendens (L.) Rappa & Camarrone, invalid name (1)
Perapentacoilanthus acuminatus (Haw.) Rappa & Camarrone, invalid name (1)
Perapentacoilanthus brevifolius (L.Bolus) Rappa & Camarrone, invalid name (1)

Perapentacoilanthus splendens (L.) Rappa & Camarrone, invalid name (1)
Perapentacoilanthus sulcatus (Haw.) Rappa & Camarrone, invalid name (1)
Sphalmanthus acuminatus (Haw.) L.Bolus (1)
Sphalmanthus albicaulis (Haw.) L.Bolus (1)
Sphalmanthus bijliae (N.E.Br.) L.Bolus (1)
Sphalmanthus blandus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus celans (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus constrictus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus dyeri (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus flexuosus (Haw.) L.Bolus (1)
Sphalmanthus fourcadei (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus leptopetalus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus nothus (N.E.Br.) Schwantes (2)
Sphalmanthus plenifolius (N.E.Br.) L.Bolus, invalid name (1)
Sphalmanthus primulinus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus rabiesbergensis (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus reflexus (Haw.) L.Bolus (2)
Sphalmanthus roseus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus splendens (L.) L.Bolus, invalid name (1)
Sphalmanthus striatus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus sulcatus (Haw.) L.Bolus (1)
Sphalmanthus umbelliflorus (Jacq.) L.Bolus, invalid name (1)
Sphalmanthus vernalis (L.Bolus) L.Bolus, invalid name (1)
 Perennial. Succulent. Ht up to 1 m. Alt 10–890 m.
 WC, EC

suffruticosus (L.Bolus) Gerbaulet

Cryophytum suffruticosum L.Bolus (1)
 Perennial. Succulent. Ht up to 0.7 m. Alt 200–350 m.
 WC

tenuiflorus (Jacq.) Gerbaulet

Aridaria longituba L.Bolus (1)
Aridaria macrosiphon L.Bolus (1)
Aridaria peersii L.Bolus (1)
Mesembryanthemum olivaceum Schltr. (1)
Mesembryanthemum tenuiflorum Jacq. (1)
Nycteranthus longitubus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus macrosiphon (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus peersii (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus tenuiflorus (Jacq.) Schwantes, illegitimate name (1)
Prenia olivacea (Schltr.) H.Jacobsen (1)
Sphalmanthus longitubus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus macrosiphon (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus nanus L.Bolus (1)
Sphalmanthus olivaceus (Schltr. & A.Berger) L.Bolus (2)
Sphalmanthus tenuiflorus (Jacq.) N.E.Br. (1)
 Perennial. Succulent. Ht up to 0.03 m. Alt 180–350 m.
 WC

tortuosus (L.) Bittrich = **Sceletium tortuosum**

trichotomus (Thunb.) Gerbaulet

Aridaria ebracteata N.E.Br. (1)
Aridaria ebracteata N.E.Br. var. *brevipetala* L.Bolus (1)
Aridaria tetramera L.Bolus var. *parviflora* L.Bolus (1)
Aridaria tetramera L.Bolus var. *tetramera* (1)
Aridaria trichotoma (Thunb.) L.Bolus (1)
Dicrocaulon trichotomum (Thunb.) N.E.Br. (1)
Mesembryanthemum trichotomum Thunb. (1)
Nycteranthus ebracteatus (N.E.Br.) Schwantes var. *brevipetalus* (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus ebracteatus (N.E.Br.) Schwantes var. *ebracteatus*, illegitimate name (1)
Nycteranthus tetramerus (L.Bolus) Schwantes var. *parviflorus* (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus tetramerus (L.Bolus) Schwantes var. *tetramerus*, illegitimate name (1)
Nycteranthus trichotomus (Thunb.) Schwantes, illegitimate name (1)
Sphalmanthus tetramerus (L.Bolus) L.Bolus var. *parviflorus* (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus tetramerus (L.Bolus) L.Bolus var. *tetramerus*, invalid name (1)
Sphalmanthus trichotomus (Thunb.) L.Bolus, invalid name (1)
 Perennial. Succulent. Ht up to 0.2 m. Alt 20–980 m.
 NC, WC

viridiflorus (Aiton) Gerbault

- Aridaria trichosantha* (A. Berger) N.E.Br. (1)
Aridaria viridiflora (Aiton) L. Bolus (1)
Mesembryanthemum trichosanthum A. Berger (1)
Mesembryanthemum viridiflorum Aiton (1)
Nycteranthis viridiflorus (Aiton) Schwantes, illegitimate name (1)
Perapentacoilanthis viridiflorus (Aiton) Rappa & Camarrone, invalid name (1)
Sphalmanthus viridiflorus (Aiton) N.E.Br. (1)
 Perennial. Succulent. Ht up to 0.1 m. Alt 300–650 m. WC

PLATYTHYRA N.E.Br. 2405096

haeckeliana (A. Berger) N.E.Br. = **Aptenia haeckeliana pallens** (Aiton) L. Bolus = **Prenia pallens** subsp. **pallens**

relaxata (Willd.) Schwantes = **Prenia pallens** subsp. **pallens**

PLEIOSPILOS N.E.Br. 2405097

- (1) Phillips. 1940. *The Flowering Plants of South Africa* 20: t. 769.
 (2) Bolus. 1953. *The Flowering Plants of Africa* 29: t. 1154.
 (3) Glen. 1983. *The Flowering Plants of Africa* 47: tt. 1864, 1865B.
 (4) Hartmann & Liede. 1986. *Botanische Jahrbücher* 106: 433–485.
 (5) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 218–221.

archeri L. Bolus = **Tanquana archeri**

barbarae Karrer = **P. bolusii**

beaufortensis L. Bolus = **P. bolusii**

bolusii (Hook.f.) N.E.Br.

- Mesembryanthemum bolusii* Hook.f. (4)
P. barbarae Karrer (4)
P. beaufortensis L. Bolus (4)

Perennial. Succulent. Ht up to 0.08 m. Alt 750–1100 m. WC, EC

borealis L. Bolus = **P. compactus** subsp. **canus**

brevisepalus L. Bolus = **P. compactus** subsp. **canus**

canus (Haw.) L. Bolus = **P. compactus** subsp. **canus**

clavatus L. Bolus = **Tanquana archeri**

compactus (Aiton) Schwantes subsp. **canus** (Haw.) H.E.K. Hartmann & Liede

- Mesembryanthemum canum* Haw. (4)
Mesembryanthemum magnipunctatum Haw. (4)
Mesembryanthemum nobile Haw. (5)
P. borealis L. Bolus (4)
P. brevisepalus L. Bolus (4)
P. canus (Haw.) L. Bolus (4)
P. dekenahi (N.E.Br.) Schwantes (4)
P. framesii L. Bolus (4)
P. grandiflorus L. Bolus (4)
P. kingiae L. Bolus (4)
P. latifolius L. Bolus (4)
P. latipetalus L. Bolus (4)
P. leipoldtii L. Bolus (4)
P. longisepalus L. Bolus (4)
P. magnipunctatus (Haw.) Schwantes (4)
P. magnipunctatus (Haw.) Schwantes var. *inaequalis* L. Bolus (4)
P. magnipunctatus (Haw.) Schwantes var. *sesquiuncialis* L. Bolus (4)
P. nobile (Haw.) Schwantes (4)
P. peersii L. Bolus (4)
P. rouxii L. Bolus (4)
P. sesquiuncialis (N.E.Br.) Schwantes (4)
P. willowmorensis L. Bolus (4)
Punctillaria cana L. Bolus (4)
Punctillaria dekenahi N.E.Br. (4)
Punctillaria magnipunctata (Haw.) N.E.Br. (4)
Punctillaria sesquiuncialis N.E.Br. (4)

Perennial. Succulent. Ht up to 0.04 m. Alt 600–1700 m. NC, WC, EC

compactus (Aiton) Schwantes subsp. **compactus**

- Mesembryanthemum compactum* Aiton (4)
Mesembryanthemum optatum N.E.Br. (5)
P. longibracteatus L. Bolus (4)
P. optatus (N.E.Br.) Schwantes (4)
Punctillaria compacta (Aiton) N.E.Br. (4)
Punctillaria optata (N.E.Br.) N.E.Br. (4)

Perennial. Succulent. Ht up to 0.05 m. Alt 950–1200 m. WC

compactus (Aiton) Schwantes subsp. **fergusoniae** (L. Bolus) H.E.K. Hartmann & Liede

- P. fergusoniae* L. Bolus (4)

Perennial. Succulent. Ht up to 0.05 m. Alt 800–1000 m. WC

compactus (Aiton) Schwantes subsp. **minor** (L. Bolus) H.E.K. Hartmann & Liede

- P. minor* L. Bolus (4)

Perennial. Succulent. Ht up to 0.03 m. Alt 440–960 m. EC

compactus (Aiton) Schwantes subsp. **sororius** (N.E.Br.) H.E.K. Hartmann & Liede

- Mesembryanthemum sororium* N.E.Br. (5)
P. dimidiatus L. Bolus (4)
P. sororius (N.E.Br.) Schwantes (4)
Punctillaria sororia (N.E.Br.) N.E.Br. (4)

Perennial. Succulent. Ht up to 0.05 m. Alt 750–1000 m. WC

dekenahi (N.E.Br.) Schwantes = **P. compactus** subsp. **canus**

dimidiatus L. Bolus = **P. compactus** subsp. **sororius**

fergusoniae L. Bolus = **P. compactus** subsp. **fergusoniae**

framesii L. Bolus = **P. compactus** subsp. **canus**

grandiflorus L. Bolus = **P. compactus** subsp. **canus**

hilmarii L. Bolus = **Tanquana hilmarii**

kingiae L. Bolus = **P. compactus** subsp. **canus**

latifolius L. Bolus = **P. compactus** subsp. **canus**

latipetalus L. Bolus = **P. compactus** subsp. **canus**

leipoldtii L. Bolus = **P. compactus** subsp. **canus**

loganii L. Bolus = **Tanquana archeri**

longibracteatus L. Bolus = **P. compactus** subsp. **compactus**

longisepalus L. Bolus = **P. compactus** subsp. **canus**

magnipunctatus (Haw.) Schwantes = **P. compactus** subsp. **canus**

magnipunctatus (Haw.) Schwantes var. *inaequalis* L. Bolus = **P. compactus** subsp. **canus**

magnipunctatus (Haw.) Schwantes var. *sesquiuncialis* L. Bolus = **P. compactus** subsp. **canus**

minor L. Bolus = **P. compactus** subsp. **minor**

nelii Schwantes

- P. pedunculatus* L. Bolus (4)
P. tricolor N.E.Br. (4)

Perennial. Succulent. Ht up to 0.05 m. Alt 870–1250 m. WC, EC

nobile (Haw.) Schwantes = **P. compactus** subsp. **canus**

optatus (N.E.Br.) Schwantes = **P. compactus** subsp. **compactus**

- pedunculatus* L.Bolus = **P. nelii**
peersii L.Bolus = **P. compactus** subsp. **canus**
prismaticus (Schwantes) Schwantes = **Tanquana prismatica**
roodiae (N.E.Br.) Schwantes = **Tanquana prismatica**
rouxii L.Bolus = **P. compactus** subsp. **canus**
sesquiuncialis (N.E.Br.) Schwantes = **P. compactus** subsp. **canus**
simulans (Marloth) N.E.Br.
Mesembryanthemum simulans Marloth (4)
 Perennial. Succulent. Ht up to 0.05 m. Alt 370–1000 m. EC
sororius (N.E.Br.) Schwantes = **P. compactus** subsp. **sororius**
tricolor N.E.Br. = **P. nelii**
willowmorensis L.Bolus = **P. compactus** subsp. **canus**

POLYMITA N.E.Br. 2405098

- (1) Hartmann. 1996. *Bradleya* 14: 29–56.
 (2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 223.

- albiflora** (L.Bolus) L.Bolus
P. diutina (L.Bolus) L.Bolus (1)
P. pearsonii N.E.Br., naked name (1)
Ruschia albiflora L.Bolus (1)
Ruschia diutina L.Bolus (1)
 Perennial. Succulent. Ht up to 0.45 m. Alt 670–1340 m. NC

- diutina* (L.Bolus) L.Bolus = **P. albiflora**
pearsonii N.E.Br., naked name = **P. albiflora**

- steenbokensis** H.E.K.Hartmann
 Perennial. Succulent, shrub. Ht up to 0.4 m. Alt 750–1050 m. NC

PRENIA N.E.Br. 2405099

- (1) Gerbaulet. 1996. *Botanische Jahrbücher* 118: 25–40.
 (2) Gerbaulet. 1997. *Botanische Jahrbücher* 119: 145–211.
 (3) Gerbaulet. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 224–227.

- englishiae** (L.Bolus) Gerbaulet
Aridaria englishiae (L.Bolus) N.E.Br. (1)
Mesembryanthemum englishiae L.Bolus (1)
Nycteranthus englishiae (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus englishiae (L.Bolus) L.Bolus, invalid name (1)
 Perennial. Succulent. Ht up to 0.1 m. Alt 250–750 m. WC

- olivacea* (Schltr.) H.Jacobsen = **Phyllobolus tenuiflorus**
pallens (Aiton) N.E.Br. subsp. **lancea** (Thunb.) Gerbaulet
Mesembryanthemum lanceum Thunb. (1)
 Perennial. Succulent. Ht up to 0.15 m. Alt 150–1290 m. NC, WC

- pallens** (Aiton) N.E.Br. subsp. **lutea** L.Bolus
 Perennial. Succulent. Ht up to 0.1 m. Alt 10–260 m. WC

- pallens** (Aiton) N.E.Br. subsp. **namaquensis** Gerbaulet
 Perennial. Succulent. Ht up to 0.25 m. Alt 250–1100 m. NC

- pallens** (Aiton) N.E.Br. subsp. **pallens**
Mesembryanthemum loratum Haw. (1)
Mesembryanthemum pallens Aiton (1)
Mesembryanthemum pallescens Haw. (1)
Mesembryanthemum relaxatum Willd. (1)
Phyllobolus pallens (Aiton) Bittrich (2)

- Platythyra pallens* (Aiton) L.Bolus (1)
Platythyra relaxata (Willd.) Schwantes (1)
P. relaxata (Willd.) N.E.Br. (1)
 Perennial. Succulent. Ht up to 0.15 m. Alt 10–950 m. WC

- radicans** (L.Bolus) Gerbaulet
Aridaria radicans L.Bolus (1)
Nycteranthus radicans (L.Bolus) Schwantes, illegitimate name (1)
Sphalmanthus radicans (L.Bolus) L.Bolus, invalid name (1)
 Perennial. Succulent. Ht up to 0.05 m. Alt 950–1250 m. EC

- relaxata* (Willd.) N.E.Br. = **P. pallens** subsp. **pallens**

- sladeniana** (L.Bolus) L.Bolus
Mesembryanthemum sladenianum L.Bolus (1)
Synaptophyllum sladenianum (L.Bolus) N.E.Br. (1)
 Perennial. Succulent. Ht up to 0.3 m. Alt 190–1050 m. N, NC

- tetragona** (Thunb.) Gerbaulet
Aridaria ausana (Dinter & A.Berger) Dinter & Schwantes (1)
Aridaria luteoalba L.Bolus (1)
Aridaria mutans L.Bolus (1)
Aridaria suffusa L.Bolus (1)
Aridaria tetragona (Thunb.) L.Bolus (1)
Mesembryanthemum ausanum Dinter & A.Berger (1)
Mesembryanthemum pfeilii Engl. (1)
Mesembryanthemum pseudoausanum Dinter, naked name (1)
Mesembryanthemum tetragonum Thunb. (1)
Nycteranthus ausanus (Dinter & A.Berger) Schwantes, illegitimate name (1)
Nycteranthus luteoalbus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus mutans (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus suffusus (L.Bolus) Schwantes, illegitimate name (1)
Nycteranthus tetragonus (Thunb.) Schwantes, illegitimate name (1)
Peratetracolanthus tetragonus (Thunb.) Rappa & Camarrone, invalid name (1)
Psilocaulon pfeilii (Engl.) Schwantes (1)
Sphalmanthus suffusus (L.Bolus) L.Bolus, invalid name (1)
Sphalmanthus tetragonus (Thunb.) L.Bolus, invalid name (1)
 Perennial. Succulent. Ht up to 0.7 m. Alt 350–1300 m. N, FS, NC, WC

- vanrensburgii** L.Bolus
Perapentacolanthus vanrensburgii (L.Bolus) Rappa & Camarrone (1)
 Perennial. Succulent. Ht up to 0.15 m. Alt 10–100 m. WC

PREPODESMA N.E.Br. 2405210

- (1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 227.

- orpenii** (N.E.Br.) N.E.Br.
Aloinopsis orpenii (N.E.Br.) L.Bolus (1)
Rabiea tersa N.E.Br. (1)
 Perennial. Succulent. Ht up to 0.05 m. Alt 1200–1500 m. NC

- uncipetala* N.E.Br. = **Hereroa wilmaniae**

PSAMMOPHORA Dinter & Schwantes 2405100

- (1) Phillips. 1927. *The Flowering Plants of South Africa* 7: tt. 280A, 280B.
 (2) Hartmann. 1996. *Bradleya* 14: 29–56.
 (3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 228–230.

- herrei* L.Bolus = **P. longifolia**

- longifolia** L.Bolus
P. herrei L.Bolus (3)
 Perennial. Succulent. Ht up to 0.05 m. Alt 10–750 m. N, NC

- modesta** (Dinter & A.Berger) Dinter & Schwantes

- Perennial. Succulent. Ht up to 0.15 m. Alt 10–1050 m. N, NC
- nissenii** (Dinter) Dinter & Schwantes
Perennial. Succulent. Ht up to 0.03 m. Alt 20–550 m. N
- pillansii* L.Bolus = **Arenifera pillansii**
- saxicola** H.E.K.Hartmann
Perennial. Succulent, shrub. Ht up to 0.6 m. Alt 10–300 m. N
- PSEUDOBROWNANTHUS** Ihlenf. 2405155 & Bittrich
nucifer Ihlenf. & Bittrich = **Brownanthus nucifer**
- PSILOCAULON** N.E.Br. 2405101
- (1) Bolus. 1931. *The Flowering Plants of South Africa* 11: t. 414.
 - (2) Ihlenfeldt & Bittrich. 1985. *Botanische Jahrbücher* 105: 289–322.
 - (3) Klak & Linder. 1998. *Botanische Jahrbücher* 120: 301–375.
 - (4) Klak & Gerbaulet. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 230–236.
- absimile* N.E.Br. = **P. coriarium**
- acutisepalum* (A.Berger) N.E.Br. = **P. junceum**
- album* L.Bolus = **P. leptarthron**
- annuum* L.Bolus = **P. articulatum**
- arenosum* (Schinz) L.Bolus = **Brownanthus arenosus**
- articulatum** (Thunb.) N.E.Br.
Mesembryanthemum articulatum Thunb. (3)
Mesembryanthemum mucronulatum Dinter (3)
Mesembryanthemum secundum Thunb., naked name (3)
P. annum L.Bolus (3)
P. asperulum N.E.Br. (3)
P. bryantii L.Bolus (3)
P. dejagerae L.Bolus (3)
P. duthiae L.Bolus (3)
P. hirtellum L.Bolus (3)
P. liebenbergii L.Bolus (3)
P. mucronulatum (Dinter) N.E.Br. (3)
P. puberulum Dinter, naked name (3)
P. pubescens N.E.Br. (3)
P. roseoalbum L.Bolus (3)
Perennial, occ. annual. Succulent. Ht 0.1–0.3 m. Alt up to 1500 m. N, FS, NC, WC, EC
- asperulum* N.E.Br. = **P. articulatum**
- baylissii* L.Bolus = **P. dinteri**
- bicorne** (Sond.) Schwantes
Mesembryanthemum bicorne Sond. (3)
Perennial, occ. annual. Succulent. Ht up to 0.05 m. Alt 20–1200 m. WC, EC
- bijliae* N.E.Br. = **P. junceum**
- bryantii* L.Bolus = **P. articulatum**
- calvinianum* L.Bolus = **P. junceum**
- candidum* L.Bolus = **P. junceum**
- ciliatum* (Aiton) Friedrich = **Brownanthus ciliatus** subsp. **ciliatus**
- clavulatum* (A.Berger) N.E.Br. = **P. subnodosum**
- corallinum* (Thunb.) Schwantes = **Brownanthus coral-linus**
- coriarium** (Burch. ex N.E.Br.) N.E.Br.
Mesembryanthemum coriarium Burch. ex N.E.Br. (4)
Mesembryanthemum mentiense A.Berger (3)
P. absimile N.E.Br. (3)
P. mentiense (A.Berger) N.E.Br. (3)
P. stenopetalum L.Bolus (3)
- P. uncinatum* L.Bolus (3)
Ruschia coriaria (Burch. ex N.E.Br.) Schwantes (3)
Perennial, occ. annual. Shrub, succulent. Ht 1.5–3 m. Alt 500–2000 m. N, FS, NC, WC, EC
- dejagerae* L.Bolus = **P. articulatum**
- delosepalum* L.Bolus = **P. junceum**
- densum** N.E.Br.
Perennial. Succulent. Ht? Alt up to 1100 m. NC
- dinteri** (Engl.) Schwantes
Mesembryanthemum dinteri Engl. (3)
P. baylissii L.Bolus (3)
P. fasciculatum N.E.Br. (3)
P. godmaniae L.Bolus var. *godmaniae* (3)
P. godmaniae L.Bolus var. *gracile* L.Bolus (3)
P. herrei L.Bolus (3)
P. littlewoodii L.Bolus (3)
P. littlewoodii L.Bolus forma *laxum* L.Bolus (3)
P. pageae L.Bolus var. *grandiflorum* L.Bolus (3)
P. pageae L.Bolus var. *pageae* (3)
P. variabile L.Bolus (3)
Perennial, occ. annual. Succulent. Ht up to 0.25 m. Alt 5–900 m. N, NC, WC
- duthiae* L.Bolus = **P. articulatum**
- fasciculatum* N.E.Br. = **P. dinteri**
- filipetalum* L.Bolus = **P. subnodosum**
- fimbriatum* L.Bolus = **P. salicornioides**
- foliosum** L.Bolus
Perennial, occ. annual. Succulent. Ht up to 1.2 m. Alt 20–750 m. NC
- framesii* L.Bolus = **P. junceum**
- gessertianum** (Dinter & A.Berger) Dinter & Schwantes
Mesembryanthemum gessertianum Dinter & A.Berger (3)
P. luteum L.Bolus (4)
Perennial, occ. annual. Succulent. Ht up to 0.25 m. Alt 750–2200 m. N
- glareosum** (A.Berger) Dinter & Schwantes = **P. salicornioides**
- godmaniae* L.Bolus var. *godmaniae* = **P. dinteri**
- godmaniae* L.Bolus var. *gracile* L.Bolus = **P. dinteri**
- granulicaule** (Haw.) Schwantes
Mesembryanthemum granulicaule Haw. (3)
Perapentacoilanthus granulicaulis (Haw.) Rappa & Camarrone, invalid name (3)
P. pauper L.Bolus (3)
Perennial, occ. annual. Succulent. Ht up to 0.25 m. Alt 20–1500 m. N, FS, NC, WC, EC
- herrei* L.Bolus = **P. dinteri**
- hirtellum* L.Bolus = **P. articulatum**
- imitans* L.Bolus = **P. junceum**
- implexum* N.E.Br. = **P. parviflorum**
- inachabense* L.Bolus = **P. salicornioides**
- inconspicuum* L.Bolus = **P. salicornioides**
- inconstriatum* L.Bolus = **P. subnodosum**
- junceum** (Haw.) Schwantes
Mesembryanthemum acutisepalum A.Berger (3)
Mesembryanthemum junceum Haw. (3)
Mesembryanthemum junceum Haw. var. *pauciflorum* Sond. (3)
Mesembryanthemum simile Sond. (3)
Mesembryanthemum simile Sond. var. *namaquense* Sond. (3)
Peratetracoilanthus junceus (Haw.) Rappa & Camarrone (3)
P. acutisepalum (A.Berger) N.E.Br. (3)
P. bijliae N.E.Br. (3)
P. calvinianum L.Bolus (3)

- P. candidum* L.Bolus (3)
P. delosepalum L.Bolus (3)
P. framesii L.Bolus (3)
P. imitans L.Bolus (3)
P. laxiflorum L.Bolus (3)
P. leightoniae L.Bolus (3)
P. levynsiae N.E.Br. (3)
P. lewisiae L.Bolus (3)
P. namaquense (Sond.) Schwantes (3)
P. oculatum L.Bolus (3)
P. pauciflorum (Sond.) Schwantes (3)
P. planisepalum L.Bolus (3)
P. rogersiae L.Bolus (3)
P. semilunatum L.Bolus (3)
P. simile (Sond.) Schwantes (3)
P. simulans L.Bolus (3)
P. squamifolium N.E.Br. (3)
P. stayneri L.Bolus (3)
P. subintegrum L.Bolus (3)
P. utile L.Bolus (3)
 Perennial, occ. annual. Succulent. Ht 0.1–0.6 m. Alt 20–1100 m. NC, WC, EC
- kuntzei* (Schinz) Dinter & Schwantes = **Brownanthus kuntzei**
- laxiflorum* L.Bolus = **P. junceum**
- leightoniae* L.Bolus = **P. junceum**
- leptarthron** (A.Berger) N.E.Br.
Mesembryanthemum leptarthron A.Berger (3)
P. album L.Bolus (3)
 Perennial, occ. annual. Succulent. Ht 0.5–1 m. Alt 200–350 m. WC
- levynsiae* N.E.Br. = **P. junceum**
- lewisiae* L.Bolus = **P. junceum**
- liebenbergii* L.Bolus = **P. articulatum**
- lindequistii* (Engl.) Schwantes = **Aridaria noctiflora** subsp. **noctiflora**
- littlewoodii* L.Bolus = **P. dinteri**
- littlewoodii* L.Bolus forma *laxum* L.Bolus = **P. dinteri**
- longipes* L.Bolus = **Caulipsolon rapaceum**
- luteum* L.Bolus = **P. gessertianum**
- marlothii* (Pax) Friedrich = **Brownanthus marlothii**
- melanospermum* (A.Berger) N.E.Br. = **Apteniageniculiflora**
- mentiens* (A.Berger) N.E.Br. = **P. coriarium**
- micranthon* L.Bolus, illegitimate name = **P. parviflorum**
- mucronulatum* (Dinter) N.E.Br. = **P. articulatum**
- namaquense* (Sond.) Schwantes = **P. junceum**
- namibense* (Marloth) Friedrich = **Brownanthus namibensis**
- oculatum* L.Bolus = **P. junceum**
- otzenianum* (Dinter) L.Bolus = **Lampranthus otzenianus**
- pageae* L.Bolus var. *grandiflorum* L.Bolus = **P. dinteri**
- pageae* L.Bolus var. *pageae* = **P. dinteri**
- parviflorum** (Jacq.) Schwantes
Mesembryanthemum micranthon Haw., illegitimate name (3)
Mesembryanthemum parviflorum Jacq. (3)
Mesembryanthemum tenue Haw. (3)
Peratetracoilanthus parviflorus (Jacq.) Rappa & Camarrone (3)
P. implexum N.E.Br. (3)
P. micranthon L.Bolus, illegitimate name (3)
P. tenue (Haw.) Schwantes (3)
 Perennial, occ. annual. Succulent. Ht up to 0.02 m. Alt 20–360 m. WC
- pauciflorum* (Sond.) Schwantes = **P. junceum**
- pauper* L.Bolus = **P. granulicaule**
- peersii* L.Bolus = **Brownanthus corallinus**
- pfeilii* (Engl.) Schwantes = **Prenia tetragona**
- pillansii* (L.Bolus) Friedrich = **Brownanthus pubescens**
- planisepalum* L.Bolus = **P. junceum**
- planum* L.Bolus = **P. salicornioides**
- pomeridianum* L.Bolus = **Mesembryanthemum stanandrum**
- puberulum* Dinter, naked name = **P. articulatum**
- pubescens* N.E.Br. = **P. articulatum**
- rapaceum* (Jacq.) Schwantes = **Caulipsolon rapaceum**
- rogersiae* L.Bolus = **P. junceum**
- roseoalbum* L.Bolus = **P. articulatum**
- salicornioides** (Pax) Schwantes
Mesembryanthemum glareosum A.Berger (3)
Mesembryanthemum salicornioides Pax (3)
Mesembryanthemum sinus-redfordiani Dinter, naked name (3)
Mesembryanthemum trothai Engl. (3)
P. fimbriatum L.Bolus (3)
P. glareosum (A.Berger) Dinter & Schwantes (3)
P. inachabense L.Bolus (3)
P. inconspicuum L.Bolus (3)
P. planum L.Bolus (3)
P. sinus-redfordiani Dinter ex Range, naked name (3)
P. trothai (Engl.) Schwantes (3)
P. woodii L.Bolus (3)
 Perennial, occ. annual. Succulent. Ht up to 0.4 m. Alt 10–650 m. N, NC
- schlichtianum* (Sond.) Schwantes = **Brownanthus arenosus**
- semilunatum* L.Bolus = **P. junceum**
- simile* (Sond.) Schwantes = **P. junceum**
- simulans* L.Bolus = **P. junceum**
- sinus-redfordiani* Dinter ex Range, naked name = **P. salicornioides**
- squamifolium* N.E.Br. = **P. junceum**
- stayneri* L.Bolus = **P. junceum**
- stenopetalum* L.Bolus = **P. coriarium**
- subintegrum* L.Bolus = **P. junceum**
- subnodosum** (A.Berger) N.E.Br.
Mesembryanthemum clavulatum A.Berger (3)
Mesembryanthemum subnodosum A.Berger (3)
P. clavulatum (A.Berger) N.E.Br. (3)
P. filipetalum L.Bolus (3)
P. inconstriatum L.Bolus (3)
 Perennial, occ. annual. Succulent. Ht up to 0.7 m. Alt 20–850 m. N, NC
- tenue* (Haw.) Schwantes = **P. parviflorum**
- trothai* (Engl.) Schwantes = **P. salicornioides**
- uncinatum* L.Bolus = **P. coriarium**
- utile* L.Bolus = **P. junceum**
- variabile* L.Bolus = **P. dinteri**
- woodii* L.Bolus = **P. salicornioides**
- PUNCTILLARIA** N.E.Br. 2405157
- cana* L.Bolus = **Pleiospilos compactus** subsp. **canus**
- compacta* (Aiton) N.E.Br. = **Pleiospilos compactus** subsp. **compactus**

dekenahi N.E.Br. = **Pleiospilos compactus** subsp. **canus**
magnipunctata (Haw.) N.E.Br. = **Pleiospilos compactus**
 subsp. **canus**
optata (N.E.Br.) N.E.Br. = **Pleiospilos compactus** subsp.
compactus
roodiae N.E.Br. = **Tanquana prismatica**
sesquiuncialis N.E.Br. = **Pleiospilos compactus** subsp.
canus
sororia (N.E.Br.) N.E.Br. = **Pleiospilos compactus** subsp.
sororius

RABIEA N.E.Br. 2405102

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F-Z*: 237, 238.

albinota (Haw.) N.E.Br.

R. albinota (Haw.) N.E.Br. var. *longipetala* L.Bolus (1)

R. albinota (Haw.) N.E.Br. var. *microstigma* L.Bolus (1)

Perennial. Succulent. Ht up to 0.08 m. Alt? 'CP'

albinota (Haw.) N.E.Br. var. *longipetala* L.Bolus = **R.**
albinota

albinota (Haw.) N.E.Br. var. *microstigma* L.Bolus = **R.**
albinota

albipuncta (Haw.) N.E.Br.

R. albipuncta (Haw.) N.E.Br. var. *major* L.Bolus (1)

Perennial. Succulent. Ht up to 0.03 m. Alt 1400–1700
 m. FS

albipuncta (Haw.) N.E.Br. var. *major* L.Bolus = **R.**
albipuncta

comptonii (L.Bolus) L.Bolus

Perennial. Succulent. Ht up to 0.04 m. Alt 1400–1600
 m. FS

difformis (L.Bolus) L.Bolus

Perennial. Succulent. Ht up to 0.03 m. Alt 990–1500
 m. EC

jamesii (L.Bolus) L.Bolus

Perennial. Succulent. Ht up to 0.03 m. Alt 990–1500
 m. EC

lesliei N.E.Br.

Perennial. Succulent. Ht up to 0.05 m. Alt 1600–1880
 m. FS

tersa N.E.Br. = **Prepodesma orpenii**

RHINEPHYLLUM N.E.Br. 2405103

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 264.

(2) Hartmann. 1999. *Bradleya* 17: 38–74.

(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F-Z*: 239–241.

broomii L.Bolus

Perennial. Succulent. Ht up to 0.03 m, when in flower.
 Alt 1200–1700 m. NC

comptonii L.Bolus

Perennial. Succulent. Ht up to 0.03 m. Alt 1400–1600
 m. FS, WC

frithii (L.Bolus) L.Bolus = **Peersia frithii**

graniforme (Haw.) L.Bolus

Perennial. Succulent. Ht up to 0.15 m. Alt 800–1100
 m. WC

inaequale L.Bolus

R. inaequale L.Bolus var. *latipetalum* L.Bolus (3)

Perennial. Succulent. Ht up to 0.05 m. Alt 1100–1600
 m. EC

inaequale L.Bolus var. *latipetalum* L.Bolus = **R. inae-**
quale

luteum (L.Bolus) L.Bolus

Ruschia lutea L.Bolus (2)

Perennial. Succulent. Ht up to 0.05 m. Alt 800–1100
 m. WC

macradenium (L.Bolus) L.Bolus = **Peersia macradenia**

muirii N.E.Br.

Perennial. Succulent. Ht up to 0.03 m. Alt 300–850 m.
 WC

obliquum L.Bolus

Perennial. Succulent. Ht up to 0.04 m. Alt 1200–1500
 m. NC

parvifolium L.Bolus

Perennial. Succulent. Ht up to 0.03 m. Alt 300–900 m.
 EC

pillansii N.E.Br.

Perennial. Succulent. Ht up to 0.04 m. Alt 1000–1200
 m. WC

rouxii (L.Bolus) L.Bolus = **Chasmatophyllum rouxii**

schonlandii L.Bolus

Perennial. Succulent. Ht up to 0.04 m. Alt 800–1500
 m. NC

vanheerdei L.Bolus = **Peersia vanheerdei**

RHOMBOPHYLLUM (Schwantes) 2405104
 Schwantes

(1) Hartmann. 1998. *Bradleya* 16: 44–91.

(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F-Z*: 241–243.

albanense (L.Bolus) H.E.K.Hartmann

Hereroa albanensis L.Bolus (1)

Mesembryanthemum dyeri (L.Bolus) N.E.Br. (1)

Ruschia dyeri L.Bolus (1)

Perennial. Succulent. Ht up to 0.1 m. Alt 650–820 m.
 EC

dolabriforme (L.) Schwantes

Hereroa dolabriformis (L.) L.Bolus (1)

Mesembryanthemum dolabriforme L. (1)

Perennial. Succulent. Ht up to 0.3 m. Alt 700–1100 m.
 EC

dyeri (L.Bolus) H.E.K.Hartmann

Hereroa dyeri L.Bolus (1)

Perennial. Succulent. Ht up to 0.1 m. Alt 750–1000 m.
 EC

nelii Schwantes

Perennial. Succulent. Ht? Alt 450–1200 m. EC

rhomboideum (Salm-Dyck) Schwantes

Bergeranthus rhomboideus (Salm-Dyck) Schwantes (1)

Mesembryanthemum rhomboideum Salm-Dyck (1)

R. rhomboideum (Salm-Dyck) Schwantes var. *gropiorum* Heinrich (1)

Perennial. Succulent. Ht ± 0.03 m, 0.1 m when in
 flower. Alt? EC

rhomboideum (Salm-Dyck) Schwantes var. *gropiorum*

Heinrich = **R. rhomboideum**

RHOPALOCYCLUS Schwantes 2405201

herrei Schwantes = **Leipoldtia schultzei**

nelii Schwantes = **Leipoldtia schultzei**

weigangianus (Dinter) Dinter & Schwantes = **Lei-**
poldtia weigangiana subsp. **weigangiana**

ROODIA N.E.Br. 2405158

digitifolia N.E.Br. = **Argyroderma fissum**

RUSCHIA Schwantes 2405105

- (1) Phillips. 1927. *The Flowering Plants of South Africa* 7: tt. 251, 277.
- (2) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 393.
- (3) Bolus. 1931. *The Flowering Plants of South Africa* 11: tt. 416, 418.
- (4) Bolus. 1947. *The Flowering Plants of Africa* 26: t. 1013.
- (5) Bolus. 1969. *The Flowering Plants of Africa* 39: t. 1530.
- (6) Glen. 1986. *The Flowering Plants of Africa* 49: t. 1937.
- (7) Glen. 1987. *The Flowering Plants of Africa* 49: t. 1960.
- (8) Hartmann & Stüber. 1993. *Contributions from the Bolus Herbarium* 15: 1–75.
- (9) Hartmann. 1996. *Bradleya* 14: 29–56.
- (10) Hartmann. 1998. *Bothalia* 28: 67–82.
- (11) Hartmann. 1998. *Bradleya* 16: 44–91.
- (12) Hartmann. 1999. *Bradleya* 17: 38–74.
- (13) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 244–284.
- (14) Klak. 2001. *Phylogeny and character evolution in the Lampranthus group (Aizoaceae–Ruschioideae)*. Unpublished Ph.D. thesis. University of Cape Town.

abbreviata L.Bolus

R. subaphylla Friedrich (12)

Perennial. Shrub, succulent. Ht up to 0.3 m. Alt 250–1500 m. N, NC

abrupta (A.Berger) G.D.Rowley = **Octopoma abruptum**

acocksii L.Bolus

Perennial. Succulent. Ht up to 0.3 m. Alt 700–900 m. NC

acuminata L.Bolus

Mesembryanthemum exacutum N.E.Br. (12)

Perennial. Succulent. Ht up to 0.2 m. Alt 500–900 m. WC

acutangula (Haw.) Schwantes

Mesembryanthemum acutangulum Haw. (12)

Mesembryanthemum vaginatum Haw. var. *acutangulum* A.Berger (12)
Perennial. Succulent. Ht up to 1.2 m. Alt ± 700 m. WC

addita L.Bolus = **Antimima addita**

aggregata L.Bolus

Perennial. Succulent. Ht up to 0.36 m. Alt ± 1200 m. NC

alata L.Bolus

Perennial. Succulent. Ht up to 0.18 m. Alt 200–350 m. WC

albertensis L.Bolus = **R. spinosa**

albiflora L.Bolus = **Polymita albiflora**

alborubra L.Bolus = **Antimima alborubra**

altigena (L.Bolus) L.Bolus

Mesembryanthemum altigenum L.Bolus (12)

Perennial. Succulent. Ht up to 0.13 m. Alt ± 1700 m. WC

amicorum (L.Bolus) Schwantes

Mesembryanthemum amicum L.Bolus (13)

Perennial. Succulent. Ht 0.3–0.4 m. Alt? WC

amoena Schwantes = **Antimima amoena**

amphibolia G.D.Rowley = **Lampranthus amphibolius**

ampliata L.Bolus

Mesembryanthemum ampliatum (L.Bolus) N.E.Br. (12)

Perennial. Succulent. Ht up to 0.25 m. Alt 20–250 m. NC

androsacea Marloth & Schwantes = **Antimima androsacea**

androsacea Marloth & Schwantes, naked name = **Antimima androsacea**

approximata (L.Bolus) Schwantes

Mesembryanthemum approximatum L.Bolus (12)

Perennial. Succulent. Ht 0.09–0.14 m. Alt 500–850 m. WC

archeri L.Bolus

R. archeri L.Bolus var. *sexpartita* L.Bolus (13)

Perennial. Succulent. Ht up to 0.33 m. Alt 750–1600 m. WC

archeri L.Bolus var. *sexpartita* L.Bolus = **R. archeri**

arenosa L.Bolus = **Lampranthus arenarius**

argentea L.Bolus = **Antimima argentea**

aristata L.Bolus = **Erepsia aristata**

aristulata (Sond.) Schwantes = **Antimima aristulata**

armata L.Bolus = **Arenifera stylosa**

aspera L.Bolus

Perennial. Succulent. Ht up to 0.22 m. Alt up to 1200 m. NC

atrata L.Bolus

Mesembryanthemum atratum (L.Bolus) N.E.Br. (12)

Perennial. Succulent. Ht up to 0.28 m. Alt up to 1000 m. NC

axthelmiana (Dinter) Schwantes

Mesembryanthemum axthelmianum Dinter (12)

Perennial. Succulent. Ht up to 0.5 m. Alt 900–2000 m. N

barnardii L.Bolus

Mesembryanthemum barnardii (L.Bolus) N.E.Br. (12)

Mesembryanthemum pseudorupicolium Dinter, naked name (12)

R. kamasensis L.Bolus (12)

Perennial. Succulent, shrub. Ht up to 0.3 m. Alt 900–1200 m. N, NC

beaufortensis L.Bolus

Perennial. Succulent. Ht up to 0.12 m. Alt 950–1950 m. WC

bicolorata L.Bolus = **Stoerberia beetzii**

biformis (N.E.Br.) Schwantes = **Antimima biformis**

bijliae L.Bolus

Mesembryanthemum bijliae (L.Bolus) N.E.Br. (12)

Perennial. Succulent. Ht 0.06–0.09 m. Alt 800–950 m. WC

bina L.Bolus = **Antimima bina**

bipapillata L.Bolus

Perennial. Succulent. Ht up to 0.22 m. Alt 200–300 m. WC

bolusiae Schwantes

Mesembryanthemum albicute N.E.Br. (12)

R. rigida L.Bolus, not of (Haw.) Schwantes (12)

Perennial. Shrub, succulent. Ht up to 0.12 m. Alt 300–550 m. WC

bracteata L.Bolus = **Antimima bracteata**

brakdamensis (L.Bolus) L.Bolus

Mesembryanthemum brakdamense L.Bolus (12)

Perennial. Succulent. Ht 0.1–0.25 m. Alt up to 1200 m. NC

breekpoortensis L.Bolus

Perennial. Shrub, succulent. Ht up to 0.3 m. Alt? NC

- brevibracteata** L.Bolus
Perennial. Succulent, shrub. Ht? Alt up to 1200 m. NC
- brevicarpa** L.Bolus = **Antimima brevicarpa**
- brevicollis** (N.E.Br.) Schwantes = **Antimima brevicollis**
- brevicyma** L.Bolus
Perennial. Shrub, succulent. Ht up to 0.45 m. Alt? 'SA'
- brevifolia** L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt up to 1200 m. NC
- brevipes** L.Bolus
Mesembryanthemum firmum N.E.Br. (12)
R. brevipes L.Bolus var. *gracilis* L.Bolus (12)
Perennial. Succulent. Ht 0.3–0.45 m. Alt 800–950 m. WC
- brevipes* L.Bolus var. *gracilis* L.Bolus = **R. brevipes**
- britteniae** L.Bolus
Mesembryanthemum iteratum N.E.Br. (12)
Perennial. Succulent. Ht? Alt 600–900 m. EC
- buchbergensis** Dinter = **Antimima buchbergensis**
- burtoniae** L.Bolus
Perennial. Succulent. Ht up to 0.6 m. Alt 200–900 m. NC, WC
- calcareia** L.Bolus
Perennial. Succulent. Ht? Alt 1110–1210 m. NC
- calcicola** (L.Bolus) L.Bolus
Mesembryanthemum calcicola L.Bolus (12)
Perennial. Shrub, succulent. Ht? Alt 200–320 m. WC
- callifera** L.Bolus
Perennial. Succulent. Ht up to 0.13 m. Alt 800–950 m. WC
- calycina** L.Bolus = **Zeuktophyllum calycinum**
- campestris** (Burch.) Schwantes
Mesembryanthemum campestre Burch. (13)
Perennial. Succulent. Ht up to 0.45 m. Alt 800–950 m. NC
- canonotata** (L.Bolus) Schwantes
Mesembryanthemum canonotatum L.Bolus (12)
R. orsondiae L.Bolus (12)
Perennial. Succulent. Ht up to 0.2 m. Alt 1100–1500 m. FS, NC
- capornii** (L.Bolus) L.Bolus
Lampranthus capornii (L.Bolus) L.Bolus (12)
Mesembryanthemum capornii L.Bolus (12)
Mesembryanthemum capornii L.Bolus forma *ferum* L.Bolus (12)
Mesembryanthemum capornii L.Bolus var. *longifolium* L.Bolus (12)
Perennial. Succulent. Ht? Alt 200–400 m. NC
- capulata** (L.Bolus) Schwantes = **R. cupulata**
- caroli** (L.Bolus) Schwantes
Mesembryanthemum caroli L.Bolus (13)
Perennial. Shrub, succulent. Ht? Alt 300–550 m. WC
- caudata** L.Bolus
Perennial. Succulent. Ht 0.25–0.4 m. Alt 200–460 m. WC
- cedarbergensis** L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 600–1300 m. WC
- centrocapsula** H.E.K.Hartmann & Stüber
Perennial. Succulent. Ht? Alt 850–1250 m. NC
- ceresiana** L.Bolus
Perennial. Succulent. Ht? Alt 500–1200 m. WC
- cincta** (L.Bolus) L.Bolus
Mesembryanthemum cinctum L.Bolus (12)
Perennial. Succulent. Ht? Alt 150–330 m. WC
- clavata** L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 200–350 m. WC
- cleista** L.Bolus = **Eberlanzia sedoides**
- compacta** L.Bolus = **Antimima compacta**
- complanata** L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 1000–1800 m. EC
- compressa** L.Bolus = **Antimima compressa**
- comptonii** L.Bolus = **Drosanthemum pulverulentum**
- concava** L.Bolus = **Antimima dasyphylla**
- concinna** L.Bolus = **Antimima concinna**
- condensa** (N.E.Br.) Schwantes = **Antimima condensa**
- congesta** (Salm-Dyck) L.Bolus
Mesembryanthemum congestum Salm-Dyck (12)
Perennial. Succulent. Ht? Alt 50–750 m. EC
- conjuncta** L.Bolus = **Octopoma connatum**
- connata** L.Bolus = **Octopoma connatum**
- constricta** L.Bolus = **Acrodon bellidiflorus**
- copiosa** L.Bolus
Perennial. Succulent. Ht 0.3–0.5 m. Alt 300–550 m. WC
- coriaria** (Burch. ex N.E.Br.) Schwantes = **Psilocaulon coriarium**
- costata** L.Bolus
Perennial. Succulent. Ht? Alt 500–800 m. WC
- cradockensis** (Kuntze) H.E.K.Hartmann & Stüber
subsp. **cradockensis**
Eberlanzia cradockensis (Kuntze) Schwantes (8)
Eberlanzia horrescens (L.Bolus) L.Bolus (8)
Eberlanzia horrescens (L.Bolus) L.Bolus var. *densa* (L.Bolus) H.Jacobsen, invalid name (8)
Eberlanzia horrida (L.Bolus) L.Bolus (11)
Mesembryanthemum cradockense Kuntze (8)
Mesembryanthemum spinosum L. var. *cradockense* (Kuntze) A.Berger ex Range, naked name (12)
R. horrescens L.Bolus (8)
R. horrescens L.Bolus var. *densa* L.Bolus (8)
R. horrida L.Bolus (8)
Perennial. Succulent. Ht? Alt 500–1300 m. WC, EC
- cradockensis** (Kuntze) H.E.K.Hartmann & Stüber
subsp. **triticiformis** (L.Bolus) H.E.K.Hartmann & Stüber
Eberlanzia triticiformis (L.Bolus) L.Bolus (8)
Eberlanzia triticiformis (L.Bolus) L.Bolus var. *subglobosa* L.Bolus (11)
Mesembryanthemum triticiforme L.Bolus (8)
Perennial. Succulent. Ht up to 0.5 m. Alt 800–1200 m. NC
- crassa** (L.Bolus) Schwantes
Mesembryanthemum crassum L.Bolus (12)
Perennial. Succulent. Ht up to 0.8 m. Alt 800–1300 m. WC
- crassifolia** L.Bolus = **Antimima crassifolia**
- crassisepala** L.Bolus
R. crassisepala L.Bolus var. *major* L.Bolus (12)
Perennial. Succulent. Ht? Alt 200–350 m. WC
- crassisepala** L.Bolus var. *major* L.Bolus = **R. crassisepala**

crassuloides L.Bolus = **Eberlanzia sedoides**

cupulata (L.Bolus) Schwantes

Mesembryanthemum cupulatum L.Bolus (12)

R. capulata (L.Bolus) Schwantes (12)

Perennial. Succulent. Ht up to 0.2 m. Alt 100–260 m.

WC

curta (Haw.) Schwantes

Mesembryanthemum curtum Haw. (12)

Mesembryanthemum vaginatum Haw. var. *curtum* (Haw.) A.Berger (12)

Perennial. Shrub, succulent. Ht? Alt? 'SA'

cyathiformis L.Bolus = **Eberlanzia cyathiformis**

cymbifolia (Haw.) L.Bolus

Mesembryanthemum cymbifolium Haw. (12)

Mesembryanthemum deceptum N.E.Br., illegitimate name (12)

Perennial. Shrub, succulent. Ht up to 0.3 m. Alt 350–

490 m. WC

cymosa (L.Bolus) Schwantes

Perennial. Succulent. Ht 0.2–0.4 m. Alt 500–850 m.

WC

dasyphylla (Schltr.) Schwantes = **Antimima dasyphylla**

decumbens L.Bolus

Mesembryanthemum deflectum N.E.Br. (12)

Perennial. Succulent. Ht? Alt 800–1050 m. WC

decurrens L.Bolus

Mesembryanthemum decurrens (L.Bolus) N.E.Br. (12)

Perennial. Succulent. Ht? Alt 200–350 m. WC

decurvans L.Bolus

Perennial. Shrub, succulent. Ht up to 0.45 m. Alt 175–

350 m. WC

defecta L.Bolus = **Antimima defecta**

deflecta L.Bolus = **Antimima defecta**

dejagerae L.Bolus

Mesembryanthemum dejagerae (L.Bolus) N.E.Br. (12)

Perennial. Succulent. Ht up to 0.07 m. Alt 800–1200

m. WC

dekenahi (N.E.Br.) Schwantes = **Antimima dekenahi**

deminuta L.Bolus

Perennial. Succulent. Ht up to 0.05 m. Alt 1100–1700

m. N

densiflora L.Bolus

Perennial. Succulent. Ht up to 0.45 m. Alt 300–500 m.

WC

depressa L.Bolus

Perennial. Succulent. Ht? Alt 50–275 m. EC

derenbergiana (Dinter) C.Weber = **Ebracteola derenbergiana**

dichotoma L.Bolus = **Eberlanzia dichotoma**

dichroa (Rolfe) L.Bolus

Cylindrophyllum dichroum (Rolfe) Schwantes (12)

Mesembryanthemum dichroum Rolfe (12)

R. dichroa (Rolfe) L.Bolus var. *alba* L.Bolus (12)

Perennial. Succulent. Ht up to 0.3 m. Alt 760–850 m.

NC, WC

dichroa (Rolfe) L.Bolus var. *alba* L.Bolus = **R. dichroa**

dilatata L.Bolus

Perennial. Shrub, succulent. Ht? Alt 150–250 m. WC

disarticulata L.Bolus = **Antimima hantamensis**

dissimilis G.D.Rowley = **Lampranthus dissimilis**

distans (L.Bolus) L.Bolus = **Antimima distans**

diutina L.Bolus = **Polymita albiflora**

divaricata L.Bolus

Eberlanzia divaricata (L.Bolus) L.Bolus (8)

Eberlanzia tatasbergensis L.Bolus (8)

Eberlanzia vulnerans (L.Bolus) L.Bolus (8)

Mesembryanthemum spinescens Pax, naked name (12)

R. vulnerans L.Bolus (8)

Perennial. Succulent. Ht up to 0.35 m. Alt 150–1100

m. N, FS, NC

diversifolia L.Bolus

Mesembryanthemum variifolium N.E.Br. (12)

Perennial. Shrub, succulent. Ht up to 0.14 m. Alt 300–

550 m. WC

dolomitica (Dinter) Dinter & Schwantes = **Antimima dolomitica**

drepanophylla (Schltr. & A.Berger) L.Bolus = **Esterhuysenia drepanophylla**

drepanophylla (Schltr. & A.Berger) L.Bolus var. *sneeu-bergensis* L.Bolus = **Esterhuysenia drepanophylla**

dualis (N.E.Br.) L.Bolus = **Antimima dualis**

dubitans (L.Bolus) L.Bolus = **Lampranthus dubitans**

duplessiae L.Bolus = **Acrodon bellidiflorus**

duthiae (L.Bolus) Schwantes

Mesembryanthemum duthiae L.Bolus (12)

Perennial. Succulent. Ht 0.07–0.1 m. Alt 20–650 m.

WC

dyeri L.Bolus = **Rhombophyllum albanense**

ebracteata L.Bolus = **Eberlanzia ebracteata**

edentula (Haw.) L.Bolus

Braunsia edentula (Haw.) N.E.Br. (12)

Echinus edentulus (Haw.) N.E.Br. (12)

Mesembryanthemum edentulum Haw. (12)

Perennial. Shrub, succulent. Ht up to 0.3 m. Alt? 'SA'

elevata L.Bolus = **Antimima elevata**

elineata L.Bolus

Mesembryanthemum elineatum (L.Bolus) N.E.Br. (12)

Perennial. Shrub, succulent. Ht? Alt ± 1200 m. NC

emarcescens L.Bolus = **Antimima emarcescens**

emarcidens L.Bolus ex Jacobsen = **Antimima emarcidens**

erecta (L.Bolus) Schwantes

Mesembryanthemum erectum L.Bolus (12)

Perennial. Shrub, succulent. Ht up to 0.6 m. Alt 1000–

1200 m. NC

erosa L.Bolus = **Antimima erosa**

esterhuyseniae L.Bolus

Perennial. Shrub, succulent. Ht up to 0.2 m. Alt 1000–

1700 m. WC

evoluta (N.E.Br.) L.Bolus = **Antimima evoluta**

excedens L.Bolus = **Antimima excedens**

exigua L.Bolus

Perennial. Succulent. Ht? Alt 500–850 m. WC

exurgens L.Bolus = **Antimima exurgens**

extensa L.Bolus

Perennial. Shrub, succulent. Ht? Alt 1000–1200 m.

NC

fenestrata L.Bolus = **Antimima fenestrata**

fergusoniae L.Bolus = **Antimima fergusoniae**

- ferox* L.Bolus = **R. intricata**
- festiva** (N.E.Br.) Schwantes
Mesembryanthemum festivum N.E.Br. (6)
Perennial. Succulent. Ht up to 0.3 m. Alt 200–350 m.
WC
- filamentosa* (L.) L.Bolus = **Erepsia forficata**
- filipetala** L.Bolus
Mesembryanthemum filipetalum (L.Bolus) N.E.Br. (12)
Perennial. Succulent. Ht up to 0.32 m. Alt 300–550 m.
WC
- firma** L.Bolus
Perennial. Succulent. Ht up to 0.4 m. Alt 200–350 m.
WC
- floribunda** L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 200–350 m.
WC
- foliosa** (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.6 m. Alt? ‘SA’
- forficata* in sense of L.Bolus in part, misapplied name =
Acrodon purpureostylus
- forficata* (L.) L.Bolus = **Erepsia forficata**
- fourcadei** L.Bolus
Mesembryanthemum fourcadei in sense of (L.Bolus) N.E.Br., not of
L.Bolus, illegitimate name (12)
Perennial. Succulent. Ht? Alt 700–1100 m. WC, EC
- framesii** L.Bolus
Mesembryanthemum framesii (L.Bolus) N.E.Br., illegitimate name (12)
Perennial. Succulent. Ht up to 0.07 m. Alt 620–920 m.
EC
- fredericii** (L.Bolus) L.Bolus
Mesembryanthemum fredericii L.Bolus (12)
Perennial. Succulent. Ht? Alt 300–700 m. WC
- frutescens* (L.Bolus) L.Bolus = **Stoeberia frutescens**
- fugitans** L.Bolus
Perennial. Succulent. Ht? Alt 200–550 m. NC, WC
- fulleri* L.Bolus = **Ebracteola fulleri**
- gemina* L.Bolus = **Cerochlamys gemina**
- geminiflora** (Haw.) Schwantes
Mesembryanthemum geminatum Jacq. (12)
Mesembryanthemum geminatum Salm-Dyck (12)
Mesembryanthemum geminiflorum Haw. (12)
Perennial. Shrub, succulent. Ht? Alt 50–500 m. WC
- gibbosa* L.Bolus = **Leipoldtia compacta**
- glauca** L.Bolus
Mesembryanthemum valens N.E.Br. (12)
Perennial. Succulent. Ht up to 0.03 m. Alt up to 1200
m. NC
- globularis* L.Bolus = **R. spinosa**
- goodiae** L.Bolus
Mesembryanthemum goodiae (L.Bolus) N.E.Br. (12)
Perennial. Succulent. Ht? Alt 700–1120 m. NC
- gracilipes** L.Bolus
Perennial. Succulent. Ht? Alt 1200–1500 m. NC
- gracilis** L.Bolus
Mesembryanthemum exile N.E.Br. (12)
Perennial. Shrub, succulent. Ht up to 0.15 m. Alt ± 120
m. WC
- gracillima* L.Bolus = **Antimima gracillima**
- graminea* H.Jacobsen = **Acrodon bellidiflorus**
- granitica* (L.Bolus) L.Bolus = **Antimima granitica**
- gravida* L.Bolus = **Eberlanzia gravida**
- griquensis** (L.Bolus) Schwantes
Mesembryanthemum griquense L.Bolus (12)
Perennial. Shrub, succulent. Ht up to 0.4 m. Alt 800–
1400 m. FS, NC
- grisea** (L.Bolus) Schwantes
Mesembryanthemum griseum L.Bolus (12)
Perennial. Succulent. Ht up to 0.3 m. Alt 500–1000 m.
NC, WC
- gydouwensis* (L.Bolus) G.D.Rowley = **Lampranthus
gydouwensis**
- hallii* L.Bolus = **Antimima hallii**
- hallowayana* L.Bolus = **Eberlanzia schneideriana**
- hamata** (L.Bolus) Schwantes
Mesembryanthemum hamatum L.Bolus (12)
Perennial. Shrub, succulent. Ht up to 0.45 m. Alt up to
3000 m. NW, FS, L, NC
- hamatilis* L.Bolus = **Antimima hamatilis**
- haworthii** H.Jacobsen & G.D.Rowley
Mesembryanthemum dilatatum Haw. (12)
Perennial. Shrub, succulent. Ht up to 0.9 m. Alt? ‘CP’
- herrei* Schwantes = **Antimima herrei**
- heteropetala** L.Bolus
Perennial. Shrub, succulent. Ht up to 0.2 m. Alt 800–
1100 m. WC
- hexamera** L.Bolus
Mesembryanthemum hexamerum (L.Bolus) N.E.Br. (12)
R. hexamera L.Bolus var. *longipetala* L.Bolus (12)
Perennial. Succulent. Ht? Alt 700–1100 m. NC
- hexamera* L.Bolus var. *longipetala* L.Bolus = **R. hexa-
mera**
- holensis** L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 200–350 m.
WC
- hollowayana* L.Bolus = **Eberlanzia schneideriana**
- horrescens* L.Bolus = **R. cradockensis** subsp. **cradockensis**
- horrescens* L.Bolus var. *densa* L.Bolus = **R. cradockensis**
subsp. **cradockensis**
- horrida* L.Bolus = **R. cradockensis** subsp. **cradockensis**
- hutchinsonii* L.Bolus = **Amphibolia laevis**
- imbricata** (Haw.) Schwantes
Mesembryanthemum imbricatum Haw. (13)
Mesembryanthemum imbricatum Haw. var. *rubrum* Haw. (12)
Mesembryanthemum multiflorum Haw. var. *rubrum* (Haw.) Haw. (12)
Perennial. Shrub, succulent. Ht up to 0.6 m. Alt ± 175
m. WC
- impressa** L.Bolus
Mesembryanthemum impressum (L.Bolus) J.W.Ingram (12)
Perennial. Succulent. Ht up to 0.06 m. Alt 730–1100
m. WC
- includens* L.Bolus = **Esterhuysenia includens**
- inclusa** L.Bolus
Mesembryanthemum amplexum N.E.Br. (12)
Perennial. Succulent. Ht 0.06–0.08 m. Alt 800–1100
m. WC
- inconspicua** L.Bolus
Mesembryanthemum latens N.E.Br. (12)
Perennial. Succulent. Ht up to 0.15 m. Alt 100–1000
m. N, NC

- incumbens** L.Bolus
Perennial. Shrub, succulent. Ht up to 0.45 m. Alt 300–550 m. WC
- incurvata** L.Bolus
Mesembryanthemum incurvatum (L.Bolus) N.E.Br. (12)
Perennial. Succulent. Ht up to 0.5 m. Alt 300–550 m. WC
- indecora** (L.Bolus) Schwantes
Mesembryanthemum indecorum L.Bolus (12)
Perennial. Shrub, succulent. Ht up to 0.3 m. Alt 50–175 m. WC
- indurata** (L.Bolus) Schwantes
Mesembryanthemum induratum L.Bolus (12)
Perennial. Succulent. Ht? Alt 700–1400 m. EC
- insidens** L.Bolus = **Antimima insidens**
- integra** Schwantes = **Smicrostigma viride**
- intermedia** L.Bolus
Perennial. Succulent. Ht 0.22–0.34 m. Alt 800–1450 m. WC
- intervallaris** L.Bolus = **Antimima intervallaris**
- intricata** (N.E.Br.) H.E.K.Hartmann & Stüber
Eberlanzia ferox (L.Bolus) L.Bolus (8)
Eberlanzia intricata (N.E.Br.) Schwantes (8)
Eberlanzia munita (L.Bolus) Schwantes (8)
Eberlanzia persistens (L.Bolus) L.Bolus (8)
Eberlanzia puniens (L.Bolus) L.Bolus (8)
Mesembryanthemum intricatum N.E.Br. (8)
Mesembryanthemum munitum L.Bolus (8)
Mesembryanthemum tuitum N.E.Br. on herbarium label, naked name (12)
R. ferox L.Bolus (8)
R. persistens L.Bolus (8)
R. puniens L.Bolus (8)
Perennial. Succulent. Ht up to 0.7 m. Alt 800–1500 m. FS, NC, WC, EC
- intrusa** (Kensit) L.Bolus = **Brianhuntleya intrusa**
- ivori** (N.E.Br.) Schwantes = **Antimima ivori**
- jacobseniana** L.Bolus = **Astridia longifolia**
- kakamasensis** L.Bolus = **R. barnardii**
- karrachabensis** L.Bolus
Perennial. Succulent. Ht? Alt 400–900 m. NC
- karroidea** L.Bolus = **Antimima karroidea**
- karrooica** (L.Bolus) L.Bolus
Mesembryanthemum karrooicum L.Bolus (12)
Perennial. Shrub, succulent. Ht up to 0.3 m. Alt 800–1100 m. WC
- kenhardtensis** L.Bolus
Perennial. Succulent. Ht up to 0.35 m. Alt 900–1150 m. NC
- klaverensis** (L.Bolus) Schwantes = **Antimima klaverensis**
- klipbergensis** L.Bolus
Perennial. Succulent. Ht up to 0.33 m. Alt 250–380 m. WC
- knysnana** (L.Bolus) L.Bolus
Mesembryanthemum knysnanum L.Bolus (12)
R. knysnana (L.Bolus) L.Bolus var. *angustifolia* L.Bolus (12)
Perennial. Shrub, succulent. Ht 0.3–0.4 m. Alt 50–650 m. WC, EC
- knysnana** (L.Bolus) L.Bolus var. *angustifolia* L.Bolus = **R. knysnana**
- koekenaapensis** L.Bolus = **Antimima koekenaapensis**
- komkansica** L.Bolus = **Antimima komkansica**
- kuboosana** L.Bolus
Perennial. Succulent. Ht? Alt 700–1150 m. NC
- langebaanensis** L.Bolus
Perennial. Succulent. Ht? Alt 20–175 m. WC
- lapidicola** L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 600–1070 m. WC
- lavisii** L.Bolus
Perennial. Succulent. Ht up to 0.4 m. Alt 20–220 m. WC
- lawsonii** (L.Bolus) L.Bolus = **Antimima lawsonii**
- laxa** (Willd.) Schwantes
Perennial. Succulent. Ht? Alt? ‘SA’
- laxiflora** L.Bolus
Perennial. Succulent. Ht up to 0.5 m. Alt? NC
- laxipetala** L.Bolus
Mesembryanthemum laxipetalum (L.Bolus) N.E.Br. (12)
Perennial. Succulent. Ht 0.6–0.7 m. Alt 800–1100 m. WC
- leightoniae** L.Bolus = **Lampranthus francesiae**
- leipoldtii** L.Bolus = **Antimima leipoldtii**
- leptocalyx** L.Bolus
Perennial. Succulent. Ht? Alt 175–350 m. WC
- lerouxiae** (L.Bolus) L.Bolus
Lampranthus lerouxiae (L.Bolus) N.E.Br. (12)
Mesembryanthemum lerouxiae L.Bolus (12)
Perennial. Succulent. Ht? Alt 750–1200 m. NC
- leucanthera** (L.Bolus) L.Bolus = **Antimima leucanthera**
- leucosperma** L.Bolus
Perennial. Shrub, succulent. Ht 0.1–0.2 m. Alt 175–1200 m. NC
- levynsiae** (L.Bolus) Schwantes = **Antimima pumila**
- limbata** (N.E.Br.) Schwantes = **Antimima limbata**
- lineolata** (Haw.) Schwantes
Mesembryanthemum lineolatum Haw. (6)
Perennial. Shrub, succulent. Ht up to 0.15 m. Alt 250–550 m. WC
- lisabeliae** L.Bolus
Perennial. Shrub, succulent. Ht? Alt 100–200 m. WC
- littlewoodii** L.Bolus
Perennial. Succulent. Ht? Alt 500–1050 m. WC
- lodewykii** L.Bolus = **Antimima lodewykii**
- loganii** L.Bolus = **Antimima loganii**
- lokenbergensis** L.Bolus = **Antimima lokenbergensis**
- longifolia** L.Bolus = **Acrodon bellidiflorus**
- longipes** L.Bolus = **Antimima longipes**
- luckhoffii** L.Bolus = **Antimima luckhoffii**
- lutea** L.Bolus = **Rhinephyllum luteum**
- macovanii** (L.Bolus) Schwantes ex H.Jacobsen = **R. macovanii**
- macovanii** (L.Bolus) Schwantes
Mesembryanthemum macovanii L.Bolus (12)
R. macovanii (L.Bolus) Schwantes ex H.Jacobsen (12)
Perennial. Shrub, succulent. Ht 0.15–0.2 m. Alt 20–175 m. WC
- macrophylla** L.Bolus = **Acrodon bellidiflorus**

- macroura* L.Bolus = **R. spinosa**
- maleolens* L.Bolus = **Antimima maleolens**
- mallesoniae* (L.Bolus) L.Bolus = **Esterhuysenia drepanophylla**
- marginata* L.Bolus = **Lampranthus marginatus**
- mariae** L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 400–1100 m. EC
- marianae** (L.Bolus) Schwantes
Mesembryanthemum marianae L.Bolus (12)
Perennial. Succulent. Ht up to 0.35 m. Alt 300–850 m. NC, WC
- maritima* (L.Bolus ex Tölken & Jessop) G.D.Rowley = **Amphibolia laevis**
- mathewsii* L.Bolus = **Antimima mucronata**
- maxima** (Haw.) L.Bolus
Astridia maxima (Haw.) Schwantes (12)
Mesembryanthemum maximum Haw. (12)
Perennial. Shrub, succulent. Ht up to 1.5 m. Alt 300–800 m. WC
- maxwellii* L.Bolus = **Antimima maxwellii**
- menniei* L.Bolus = **Antimima menniei**
- mesklipensis* L.Bolus = **Antimima mesklipensis**
- meyerae* Schwantes = **Antimima meyerae**
- meyeri* Schwantes = **Antimima papillata**
- microphylla* (Haw.) Schwantes = **Antimima microphylla**
- middlemostii** L.Bolus
Perennial. Shrub, succulent. Ht up to 0.4 m. Alt? NC
- milleflora* L.Bolus = **Eberlanzia dichotoma**
- minutifolia* L.Bolus = **Antimima minutifolia**
- misera** (L.Bolus) L.Bolus
Mesembryanthemum miserum L.Bolus (12)
Perennial. Shrub, succulent. Ht up to 0.37 m. Alt? 'SA'
- modesta* L.Bolus forma *glabrescens* L.Bolus = **Antimima modesta**
- modesta* L.Bolus forma *modesta* = **Antimima modesta**
- mollis** (A.Berger) Schwantes
Mesembryanthemum lene N.E.Br. (12)
Mesembryanthemum molle in sense of A.Berger, not of Aiton, illegitimate name (12)
Perennial. Shrub, succulent. Ht? Alt? 'SA'
- montaguensis** L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 850–1250 m. WC
- monticola* (Sond.) G.D.Rowley = **Ottosonderia monticola**
- mucronata* (Haw.) Schwantes = **Antimima mucronata**
- muelleri** (L.Bolus) Schwantes
Mesembryanthemum muelleri L.Bolus (13)
Perennial. Shrub, succulent. Ht up to 1.2 m. Alt 350–1200 m. N, NC
- muiriana** (L.Bolus) Schwantes
Mesembryanthemum muirianum L.Bolus (12)
Perennial. Succulent. Ht up to 0.25 m. Alt 700–1100 m. WC
- multiflora** (Haw.) Schwantes
Mesembryanthemum multiflorum Haw. (6)
Perennial. Shrub, succulent. Ht up to 1 m. Alt 250–850 m. WC
- muricata** L.Bolus
Mesembryanthemum pellanum N.E.Br. (12)
Perennial. Succulent. Ht? Alt 700–1100 m. N, NC
- mutata* G.D.Rowley = **Lampranthus mutatus**
- mutica* L.Bolus = **Antimima mutica**
- namaquana* L.Bolus = **Amphibolia rupis-arcuatae**
- namaquana* L.Bolus var. *quinqueflora* L.Bolus = **Eberlanzia ebracteata**
- namusmontana** Friedrich
Perennial. Succulent. Ht up to 0.35 m. Alt 450–1000 m. N
- nana** L.Bolus
Mesembryanthemum reductum N.E.Br. in part, illegitimate name (12)
Perennial. Succulent. Ht up to 0.04 m. Alt 750–1100 m. WC
- neilii* L.Bolus = **Stayneria neilii**
- nelii** Schwantes
Perennial. Succulent. Ht? Alt? 'SA'
- neovirens** Schwantes
Perennial. Succulent. Ht? Alt 50–175 m. EC
- nieuwerustensis** L.Bolus
Perennial. Succulent. Ht? Alt 350–590 m. WC
- nobilis* Schwantes = **Antimima nobilis**
- nonimpressa** L.Bolus
Perennial. Succulent. Ht? Alt 990–1500 m. EC
- nordenstamii* L.Bolus = **Antimima nordenstamii**
- obtusa** L.Bolus
Mesembryanthemum hebes N.E.Br. (12)
Perennial. Shrub, succulent. Ht up to 0.4 m. Alt up to 1200 m. NC
- obtusifolia* L.Bolus = **Antimima watermeyeri**
- octojugis* (L.Bolus) L.Bolus = **Octopoma octojuge**
- octonaria* (L.Bolus) G.D.Rowley = **Enarganthe octonaria**
- odontocalyx** (Schltr. & Diels) Schwantes
Mesembryanthemum odontocalyx Schltr. & Diels (12)
Perennial. Shrub, succulent. Ht? Alt 1000–1600 m. N
- orientalis** L.Bolus
Perennial. Succulent. Ht up to 0.35 m. Alt 700–950 m. EC
- orsmondiae* L.Bolus = **R. canonotata**
- ottosonderi* G.D.Rowley = **Ottosonderia monticola**
- oviformis* L.Bolus = **Antimima oviformis**
- pakhuisensis* L.Bolus = **Lampranthus pakpassensis**
- pallens** L.Bolus
Perennial. Succulent. Ht up to 0.6 m. Alt 20–175 m. NC
- papillata* L.Bolus = **Antimima papillata**
- paripetala** (L.Bolus) L.Bolus
Mesembryanthemum paripetalum L.Bolus (12)
Perennial. Succulent. Ht 0.3–0.6 m. Alt 20–175 m. NC
- paripetala* (L.Bolus) L.Bolus var. *occultans* L.Bolus = **Antimima perforata**
- parvibracteata* L.Bolus = **Eberlanzia parvibracteata**
- parviflora** (Haw.) Schwantes
Mesembryanthemum parviflorum in sense of Haw., not of Jacq. (13)
Perennial. Shrub, succulent. Ht up to 0.9 m. Alt? 'SA'
- parvifolia** L.Bolus

- Perennial. Shrub, succulent. Ht? Alt 800–1200 m. WC
- patens** L.Bolus
Mesembryanthemum diplosum N.E.Br. (12)
Perennial. Succulent. Ht up to 0.25 m. Alt 800–1400 m. WC
- patulifolia** L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 250–350 m. WC
- pauciflora** L.Bolus
Perennial. Succulent. Ht? Alt 800–1400 m. WC
- paucifolia* L.Bolus = **Antimima paucifolia**
- paucipetala** L.Bolus
Perennial. Shrub, succulent. Ht up to 0.24 m. Alt 980–1100 m. NC
- pauper* L.Bolus = **Antimima pauper**
- peersii* L.Bolus = **Antimima peersii**
- perfoliata** (Mill.) Schwantes
Mesembryanthemum perfoliatum Mill. (12)
Perennial. Shrub, succulent. Ht up to 0.6 m. Alt 800–1200 m. WC, EC
- perforata* L.Bolus = **Antimima perforata**
- persistens* L.Bolus = **R. intricata**
- persistens* L.Bolus (1963), not of L.Bolus (1932), illegitimate name = **Antimima persistens**
- phylicoides** L.Bolus
Mesembryanthemum phylicoides (L.Bolus) N.E.Br. (12)
Perennial. Shrub, succulent. Ht up to 0.15 m. Alt 100–330 m. NC
- pillansii* L.Bolus = **Eberlanzia schneideriana**
- pilosula* L.Bolus = **Antimima pilosula**
- pinguis** L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt 900–1200 m. NC
- piscodora* L.Bolus = **Antimima piscodora**
- polita* L.Bolus = **Braunsia geminata**
- pollardii** Friedrich
Perennial. Shrub, succulent. Ht up to 0.3 m. Alt 250–980 m. N
- primosii** L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 1000–1200 m. NC
- profunda* L.Bolus = **Lampranthus profundus**
- prolongata* L.Bolus = **Antimima prolongata**
- promontorii** L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 120–175 m. WC
- propinqua* (N.E.Br.) Schwantes = **Antimima propinqua**
- prostrata* L.Bolus = **Antimima prostrata**
- pulchella* (Haw.) Schwantes (insufficiently known)
- pulchella* (Haw.) Schwantes var. *caespitosa* L.Bolus = **Antimima aristulata**
- pulvinaris** L.Bolus
Perennial. Succulent. Ht up to 0.07 m. Alt 1200–1800 m. EC
- pumila* L.Bolus = **Antimima pumila**
- punctulata** (L.Bolus) L.Bolus ex H.E.K.Hartmann
Lampranthus punctulatus (L.Bolus) L.Bolus (11)
Mesembryanthemum punctulatum L.Bolus (11)
R. unca (L.Bolus) L.Bolus var. *punctulata* (L.Bolus) L.Bolus (11)
Perennial. Succulent. Ht up to 0.1 m. Alt 800–1100 m. NC
- pungens** (A.Berger) H.Jacobsen
Mesembryanthemum pungens A.Berger (12)
Perennial. Succulent. Ht? Alt 170–800 m. EC
- puniens* L.Bolus = **R. intricata**
- purpureostyla* (L.Bolus) Bruyns = **Acrodon purpureostylus**
- pusilla* Schwantes = **Antimima pusilla**
- putterillii** (L.Bolus) L.Bolus
Perennial. Succulent. Ht? Alt 1400–3000 m. FS, L, EC
- pygmaea* (Haw.) Schwantes = **Antimima pygmaea**
- quadrisejala* L.Bolus = **Octopoma quadrisejalum**
- quarzitica* (Dinter) Dinter & Schwantes = **Antimima quarzitica**
- radicans** L.Bolus
Perennial. Succulent. Ht? Alt 300–550 m. WC
- rariflora** L.Bolus
Perennial. Succulent. Ht? Alt 300–550 m. WC
- recurva** (Moench) H.E.K.Hartmann
Mesembryanthemum recurvum Moench (11)
Perennial. Succulent. Ht up to 0.35 m. Alt 120–350 m. EC
- restituta* G.D.Rowley = **Octopoma inclusum**
- rigens** L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 1200–1500 m. FS
- rigida** (Haw.) Schwantes
Mesembryanthemum rigidum Haw. (6)
Perennial. Succulent. Ht up to 0.4 m. Alt 50–250 m. WC
- rigida* L.Bolus, not of (Haw.) Schwantes = **R. bolusiae**
- rigidicaulis** (Haw.) Schwantes
Perennial. Succulent. Ht? Alt 300–550 m. WC?
- robusta** L.Bolus
Perennial. Succulent. Ht up to 0.5 m. Alt 700–1200 m. NC
- roseola* (N.E.Br.) Schwantes = **Antimima roseola**
- rostella** (Haw.) Schwantes
Mesembryanthemum rostellum Haw. (13)
Perennial. Succulent. Ht? Alt? ‘SA’
- rubra* (L.Bolus) L.Bolus = **Astridia rubra**
- rubricaulis** (Haw.) L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 50–300 m. WC
- rupicola** (Engl.) Schwantes
Perennial. Succulent. Ht up to 0.7 m. Alt 50–1100 m. N
- rupicola* L.Bolus, illegitimate name = **Octopoma rupigenum**
- rupigena* L.Bolus = **Octopoma rupigenum**
- rupis-arcuatae* (Dinter) Friedrich = **Amphibolia rupis-arcuatae**
- ruralis** (N.E.Br.) Schwantes

- Perennial. Succulent. Ht up to 0.15 m. Alt 1000–1400 m. NW
- ruschiana** (Dinter) Dinter & Schwantes
Perennial. Succulent. Ht up to 0.6 m. Alt 850–1000 m. N
- sabulicola** Dinter
Perennial. Succulent. Ht up to 0.3 m. Alt 800–1200 m. N
- saginata* L.Bolus = **Amphibolia saginata**
- sandbergensis** L.Bolus
Perennial. Succulent. Ht up to 0.16 m. Alt 600–800 m. NC
- sarmentosa** (Haw.) Schwantes
R. sarmentosa (Haw.) Schwantes var. *rigida* (Salm-Dyck) Schwantes (13)
Perennial. Succulent. Ht? Alt? WC
- sarmentosa* (Haw.) Schwantes var. *rigida* (Salm-Dyck) Schwantes = **R. sarmentosa**
- saturata* L.Bolus = **Antimima saturata**
- saxicola* L.Bolus = **Antimima saxicola**
- scabra** H.E.K.Hartmann
Perennial. Succulent. Ht up to 0.05 m. Alt 700–1300 m. NC
- schlechteri* Schwantes = **Antimima schlechteri**
- schneideriana* (A.Berger) L.Bolus = **Eberlanzia schneideriana**
- schollii** (Salm-Dyck) Schwantes
R. schollii (Salm-Dyck) Schwantes var. *caledonica* (L.Bolus) Schwantes (13)
Perennial. Succulent. Ht? Alt 400–650 m. WC
- schollii* (Salm-Dyck) Schwantes var. *caledonica* (L.Bolus) Schwantes = **R. schollii**
- scopelogenae* G.D.Rowley = **Scopelogenae verruculata**
- sedoides* (Dinter & A.Berger) Friedrich = **Eberlanzia sedoides**
- semidentata** (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.25 m. Alt 550–900 m. WC
- semiglobosa** L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 150–250 m. WC
- senaria** L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 190–650 m. NC
- serrulata** (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.15 m. Alt? WC
- sessilis** (Thunb.) H.E.K.Hartmann
Drosanthemum sessile (Thunb.) Schwantes (11)
Mesembryanthemum sessile Thunb. (11)
Perennial. Succulent. Ht? Alt 250–350 m. WC
- simulans* L.Bolus = **Antimima simulans**
- singula** L.Bolus
Perennial. Succulent. Ht? Alt? NC
- sobrina* (N.E.Br.) Schwantes = **Antimima sobrina**
- socia* (N.E.Br.) Schwantes = **Argyroderma fissum**
- solida* (L.Bolus) L.Bolus var. *solida* = **Antimima solida**
- solida* (L.Bolus) L.Bolus var. *stigmatica* L.Bolus = **Antimima solida**
- solitaria** L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 100–350 m. WC
- spathulata* L.Bolus = **Eberlanzia schneideriana**
- sphaerophylla* Dinter, naked name = **Eberlanzia schneideriana**
- spinescens* L.Bolus = **Arenifera spinescens**
- spinosa** (L.) Dehn
Eberlanzia aculeata (N.E.Br.) Schwantes (8)
Eberlanzia albertensis (L.Bolus) L.Bolus (8)
Eberlanzia globularis (L.Bolus) L.Bolus (8)
Eberlanzia hospitalis (Dinter) Schwantes (8)
Eberlanzia macroura (L.Bolus) L.Bolus (8)
Eberlanzia micrantha (Pax) Schwantes (8)
Eberlanzia mucronifera (Haw.) Schwantes (8)
Eberlanzia spinosa (L.) Schwantes (8)
Mesembryanthemum aculeatum N.E.Br. (8)
Mesembryanthemum hospitale Dinter (8)
Mesembryanthemum mucroniferum Haw. (8)
Mesembryanthemum spinosum L. (8)
Mesembryanthemum spinosum L. var. *micranthum* Pax (8)
R. albertensis L.Bolus (8)
R. globularis L.Bolus (8)
R. macroura L.Bolus (8)
Perennial. Succulent. Ht up to 0.35 m. Alt 250–1100 m. N, NC, WC, EC
- staminodiosa** L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 200–350 m. WC
- stayneri* L.Bolus = **Antimima stayneri**
- stellata* L.Bolus = **Antimima hantamensis**
- stenopetala* L.Bolus = **Antimima watermeyeri**
- stenophylla* (L.Bolus) L.Bolus = **Marlothistella stenophylla**
- stokoei* L.Bolus = **Antimima stokoei**
- stricta** L.Bolus
Perennial. Succulent. Ht up to 1 m. Alt up to 1200 m. NC
- stricta* L.Bolus var. *turgida* L.Bolus = **Amphibolia saginata**
- strubeniae** (L.Bolus) Schwantes
Perennial. Succulent. Ht up to 0.75 m. Alt 300–980 m. WC
- stylosa* L.Bolus = **Arenifera stylosa**
- suaveolens** L.Bolus
Perennial. Succulent. Ht up to 0.5 m. Alt 350–800 m. WC
- subaphylla* Friedrich = **R. abbreviata**
- subglobosa* L.Bolus = **Octopoma subglobosum**
- subpaniculata** L.Bolus
Perennial. Succulent. Ht? Alt 50–300 m. WC
- subsphaerica** L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 175–1200 m. NC
- subteres** L.Bolus
Perennial. Succulent. Ht? Alt 300–1200 m. WC
- subtruncata* L.Bolus var. *minor* L.Bolus = **Antimima subtruncata**
- subtruncata* L.Bolus var. *subtruncata* = **Antimima subtruncata**
- succulenta* L.Bolus = **Amphibolia succulenta**

- tardissima** L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 600–900 m.
NC, WC
- tecta** L.Bolus
Perennial. Succulent. Ht up to 0.57 m. Alt 250–370 m.
WC
- tenella** (Haw.) Schwantes
Mesembryanthemum tenellum Haw. (6)
Perennial. Succulent. Ht up to 0.3 m. Alt 600–900 m.
WC
- testacea** L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 350–550 m.
WC
- tetrasepala** L.Bolus = **Octopoma tetrasepalum**
- thomae** L.Bolus var. *microstigma* L.Bolus = **Esterhuysenia stokoei**
- thomae** L.Bolus var. *thomae* = **Esterhuysenia stokoei**
- translucens** L.Bolus = **Stoeberia beetzii**
- tribractea** L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt up to 1200 m.
NC
- triflora** L.Bolus
Perennial. Succulent. Ht up to 0.1 m. Alt 300–550 m.
WC
- triquetra** L.Bolus = **Antimima triquetra**
- truteri** L.Bolus
Perennial. Succulent. Ht? Alt 700–1600 m. EC
- tuberculosa** L.Bolus = **Antimima tuberculosa**
- tumidula** (Haw.) Schwantes
Mesembryanthemum tumidulum Haw. (13)
Perennial. Succulent. Ht up to 0.6 m. Alt 170–450 m.
WC
- turneriana** L.Bolus = **Antimima turneriana**
- uitenhagensis** (L.Bolus) Schwantes
Perennial. Succulent. Ht up to 0.35 m. Alt 120–450 m.
EC
- umbellata** (L.) Schwantes
Mesembryanthemum umbellatum L. (13)
Perennial. Succulent. Ht 0.3–0.6 m. Alt 50–300 m.
WC
- unca** (L.Bolus) L.Bolus = **Lampranthus uncus**
- unca** (L.Bolus) L.Bolus var. *punctulata* (L.Bolus) L.Bolus
= **R. punctulata**
- uncinata** (L.) Schwantes
Perennial. Succulent. Ht up to 0.25 m. Alt? WC
- unidens** (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.16 m. Alt? ‘CP’
- utilis** (L.Bolus) L.Bolus var. *giftbergensis* L.Bolus =
Stoeberia utilis
- utilis** (L.Bolus) L.Bolus var. *utilis* = **Stoeberia utilis**
- vaginata** (Haw.) Schwantes
Mesembryanthemum vaginatum Haw. (6)
Perennial. Succulent. Ht up to 0.6 m. Alt? WC
- valida** Schwantes
Perennial. Succulent. Ht? Alt 350–700 m. NC
- vanbredai** L.Bolus
Perennial. Succulent. Ht up to 0.12 m. Alt 900–1200
m. EC
- vanderbergiae** L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 600–1200 m.
EC
- vanheerdei** L.Bolus
Perennial. Succulent. Ht? Alt 100–420 m. NC
- vanniekerkiae** L.Bolus
Perennial. Succulent. Ht? Alt 500–950 m. WC
- vanzylia** L.Bolus = **Antimima vanzylia**
- varians** L.Bolus = **Antimima varians**
- velutina** L.Bolus = **Eberlanzia schneideriana**
- ventricosa** (L.Bolus) Schwantes = **Antimima ventricosa**
- verruculata** (L.) G.D.Rowley = **Scopelogenia verruculata**
- verruculosa** L.Bolus = **Antimima verrucosula**
- versicolor** L.Bolus
Perennial. Succulent. Ht? Alt 20–250 m. NC
- vetovalida** H.E.K.Hartmann
Perennial. Succulent. Ht? Alt? ‘SA’
- victoris** (L.Bolus) L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 300–550 m.
WC
- villetii** L.Bolus = **Antimima dualis**
- virens** L.Bolus
Perennial. Succulent. Ht? Alt ± 360 m. WC
- virgata** (Haw.) L.Bolus
Mesembryanthemum virgatum Haw. (13)
Antimima virgata (Haw.) Dehn (13)
Perennial. Succulent. Ht? Alt 900–1300 m. WC
- viridifolia** L.Bolus
Perennial. Succulent. Ht? Alt 800–1200 m. NC
- vulnerans** L.Bolus = **R. divaricata**
- vulvaria** (Dinter) Schwantes
Perennial. Succulent. Ht 0.3–0.4 m. Alt 900–1200 m.
N
- watermeyerii** L.Bolus = **Antimima watermeyerii**
- willdenowii** Schwantes
Perennial. Succulent. Ht? Alt? ‘CP’
- wilmaniae** (L.Bolus) L.Bolus var. *angustifolia* L.Bolus
= **Ebracteola wilmaniae**
- wilmaniae** (L.Bolus) L.Bolus var. *vermeuleniae* (L.Bolus)
L.Bolus = **Ebracteola wilmaniae**
- wilmaniae** (L.Bolus) L.Bolus var. *wilmaniae* = **Ebracteola wilmaniae**
- wittebergensis** (L.Bolus) Schwantes = **Antimima wittebergensis**
- RUSCHIANTHEMUM** Friedr. 2405106
- gigas** (Dinter) Friedrich = **Stoeberia gigas**
- RUSCHIANTHUS** L.Bolus 2405107
- (1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 285, 286.
- falcatus** L.Bolus
Perennial. Succulent. Ht up to 0.2 m. Alt 1000–1590
m. N
- SAPHESIA** N.E.Br. 2405108
- (1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 286.

flaccida (Jacq.) N.E.Br.

Perennial. Succulent. Ht up to 0.3 m. Alt 175–350 m.
WC

SCELETIUM N.E.Br. 2405109

- (1) Gerbaulet. 1996. *Botanische Jahrbücher* 118: 9–24.
(2) Gerbaulet. 1997. *Botanische Jahrbücher* 119: 145–211.
(3) Gerbaulet. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 287–290.

albanense L.Bolus = **S. crassicaule**

anatomicum (Haw.) L.Bolus = **S. emarcidum**

archeri L.Bolus = **S. rigidum**

boreale L.Bolus = **S. tortuosum**

compactum L.Bolus = **S. tortuosum**

concauum (Haw.) Schwantes = **S. tortuosum**

crassicaule (Haw.) L.Bolus

Mesembryanthemum crassicaule Haw. (1)
Pentacoilanthus crassicaulis (Haw.) Rappa & Camarrone, invalid name (1)

S. albanense L.Bolus (1)

Perennial. Succulent. Ht 0.15–0.25 m. Alt 50–950 m.
WC, EC

dejagerae L.Bolus = **S. emarcidum**

emarcidum (Thunb.) L.Bolus ex H.Jacobsen

Mesembryanthemum anatomicum Haw. var. *anatomicum* (1)
Mesembryanthemum anatomicum Haw. var. *emarcidum* (Thunb.) DC. (1)

Mesembryanthemum anatomicum Haw. var. *fragile* Haw. (1)

Mesembryanthemum emarcidum Thunb. (1)

S. anatomicum (Haw.) L.Bolus (1)

S. dejagerae L.Bolus (1)

Tetracoilanthus anatomicus (Haw.) Rappa & Camarrone, invalid name (1)

Perennial. Succulent. Ht 0.1–0.15 m. Alt 700–1300 m.
NC, WC, EC

exalatum Gerbaulet

Perennial. Succulent. Ht up to 0.15 m. Alt 700–1300 m.
NC

expansum (L.) L.Bolus

Mesembryanthemum expansum L. (1)
Pentacoilanthus expansus (L.) Rappa & Camarrone, invalid name (1)

S. regium L.Bolus (1)

Perennial. Succulent. Ht up to 0.3 m. Alt 250–750 m.
WC

framesii L.Bolus = **S. tortuosum**

gracile L.Bolus = **S. tortuosum**

joubertii L.Bolus = **S. tortuosum**

namaquense L.Bolus var. *namaquense* = **S. tortuosum**

namaquense L.Bolus var. *subglobosum* L.Bolus = **S. tortuosum**

ovatum L.Bolus = **S. tortuosum**

regium L.Bolus = **S. expansum**

rigidum L.Bolus

S. archeri L.Bolus (1)

Perennial. Succulent. Ht 0.1–0.2 m. Alt 550–950 m.
WC

strictum L.Bolus

Perennial. Succulent. Ht up to 0.15 m. Alt 750–1100 m.
WC

subvelutinum L.Bolus forma *luxurians* L.Bolus = **S. varians**

subvelutinum L.Bolus forma *subvelutinum* = **S. varians**

tortuosum (L.) N.E.Br.

Mesembryanthemum aridum Moench, illegitimate name (1)
Mesembryanthemum concauum Haw. (1)
Mesembryanthemum tortuosum L. (1)
Pentacoilanthus tortuosus (L.) Rappa & Camarrone, invalid name (1)
Phyllobolus tortuosus (L.) Bittrich (2)
S. boreale L.Bolus (1)
S. compactum L.Bolus (1)
S. concauum (Haw.) Schwantes (1)
S. framesii L.Bolus (1)
S. gracile L.Bolus (1)
S. joubertii L.Bolus (1)
S. namaquense L.Bolus var. *namaquense* (1)
S. namaquense L.Bolus var. *subglobosum* L.Bolus (1)
S. ovatum L.Bolus (1)
S. tugwelliae L.Bolus (1)
Tetracoilanthus concauus (Haw.) Rappa & Camarrone, invalid name (1)
Perennial. Succulent. Ht up to 0.2 m. Alt 500–950 m.
NC, WC, EC

tugwelliae L.Bolus = **S. tortuosum**

varians (Haw.) Gerbaulet

Mesembryanthemum varians Haw. (1)
S. subvelutinum L.Bolus forma *luxurians* L.Bolus (1)
S. subvelutinum L.Bolus forma *subvelutinum* (1)
Perennial. Succulent. Ht up to 0.3 m. Alt 300–500 m.
WC

SCHLECHTERANTHUS 2405110
Schwantes

- (1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 290, 291.

hallii L.Bolus

Perennial. Succulent. Ht up to 0.4 m. Alt 350–1200 m.
NC

maximiliani Schwantes

Perennial. Succulent. Ht up to 0.3 m. Alt 350–1000 m.
NC

SCHONLANDIA L.Bolus 2405159

lehmannii (Eckl. & Zeyh.) L.Bolus = **Corpuscularia lehmannii**

SCHWANTESIA Dinter 2405111

- (1) Zimmerman. 1996. *Cactus and Succulent Journal (US)* 68: 257–266.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 291–294.

acutipetala L.Bolus

Perennial. Succulent. Ht up to 0.2 m. Alt 800–1000 m.
N, NC

australis L.Bolus = **S. ruedebuschii**

borcherdsii L.Bolus

Perennial. Succulent. Ht up to 0.15 m. Alt 700–950 m.
NC

constanceae N.Zimm.

Perennial. Succulent. Ht up to 0.2 m. Alt 800–980 m.
N

herrei L.Bolus

S. herrei L.Bolus var. *herrei* forma *major* G.D.Rowley (2)

S. herrei L.Bolus var. *minor* L.Bolus (2)

Perennial. Succulent. Ht up to 0.2 m. Alt 650–980 m.
NC

herrei L.Bolus var. *herrei* forma *major* G.D.Rowley = **S. herrei**

herrei L.Bolus var. *minor* L.Bolus = **S. herrei**

loeschiana Tischer
Perennial. Succulent. Ht up to 0.2 m. Alt 10–150 m. N

marlothii L.Bolus
Perennial. Succulent. Ht up to 0.25 m. Alt 450–650 m. NC

pillansii L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 700–1050 m. NC

ruedebuschii Dinter
S. australis L.Bolus (2)
Perennial. Succulent. Ht 0.1–0.3 m. Alt 900–1150 m. N, NC

speciosa L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 540–780 m. NC

succumbens (Dinter) Dinter in H.Jacobsen
Perennial. Succulent. Ht up to 0.2 m. Alt 800–1050 m. N

triebneri L.Bolus
Perennial. Succulent. Ht up to 0.15 m. Alt 1000–1160 m. NC

SCOPELOGENA L.Bolus 2405112

- (1) Klak. 2000. *Bothalia* 30: 35–42.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 294, 295.

bruynsii Klak
Perennial. Shrub. Ht 0.3–0.6 m. Alt 800–2000 m. NC, WC

gracilis L.Bolus = **S. verruculata**

verruculata (L.) L.Bolus
Lampranthus verruculatus (L.) L.Bolus (1)
Mesembryanthemum verruculatum L. (1)
Ruschia scopelogenae G.D.Rowley (1)
Ruschia verruculata (L.) G.D.Rowley (1)
S. gracilis L.Bolus (1)
Perennial. Shrub. Ht 0.3–0.6 m. Alt 100–1000 m. WC

SEMANTHE N.E.Br. 2405113

lacera (Haw.) N.E.Br. var. *densipetala* L.Bolus = **Erepsia lacera**

lacera (Haw.) N.E.Br. var. *lacera* = **Erepsia lacera**

SINEOPERCULUM Van Jaarsv. 2405128

rouркеi (L.Bolus) Van Jaarsv. = **Dorotheanthus rouркеi**

SKIATOPHYTUM L.Bolus 2405114

- (1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 301.

tripolium (L.) L.Bolus
Annual. Succulent. Ht up to 0.25 m. Alt 100–600 m. WC

SMICROSTIGMA N.E.Br. 2405115

- (1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 270.
(2) Hartmann. 1999. *Bradleya* 17: 38–74.
(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 302.

viride (Haw.) N.E.Br.
Erepsia viridis L.Bolus (3)
Ruschia integra Schwantes (2)
Perennial. Succulent. Ht up to 0.6 m. Alt 250–1300 m. WC

SPHALMANTHUS N.E.Br. 2405116

abbreviatus (L.Bolus) L.Bolus, invalid name = **Phyllobolus abbreviatus**

acocksii L.Bolus = **Phyllobolus saturatus**

acuminatus (Haw.) L.Bolus = **Phyllobolus splendens** subsp. **splendens**

albertensis (L.Bolus) L.Bolus, invalid name = **Phyllobolus pumilus**

albicaulis (Haw.) L.Bolus = **Phyllobolus splendens** subsp. **splendens**

anguineus (L.Bolus) L.Bolus, invalid name = **Phyllobolus oculatus**

arenicolus (L.Bolus) L.Bolus, invalid name = **Phyllobolus oculatus**

auratus (Sond.) L.Bolus, invalid name = **Phyllobolus nitidus**

baylissii L.Bolus = **Phyllobolus saturatus**

bijliae (N.E.Br.) L.Bolus = **Phyllobolus splendens** subsp. **splendens**

blandus (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**

brevisepalus (L.Bolus) L.Bolus var. *brevisepalus*, invalid name = **Phyllobolus spinuliferus**

calycinus L.Bolus = **Phyllobolus canaliculatus**

canaliculatus (Haw.) N.E.Br. = **Phyllobolus canaliculatus**

carneus (Haw.) N.E.Br. = **Phyllobolus spinuliferus**

caudatus (L.Bolus) N.E.Br. = **Phyllobolus caudatus**

celans (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**

commutatus (A.Berger) N.E.Br. = **Phyllobolus grossus**

congestus (L.Bolus) L.Bolus, invalid name = **Phyllobolus congestus**

constrictus (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**

crassus L.Bolus = **Phyllobolus prasinus**

deciduus (L.Bolus) L.Bolus = **Phyllobolus deciduus**

decurvatus (L.Bolus) L.Bolus, invalid name = **Phyllobolus decurvatus**

decussatus (Thunb.) L.Bolus = **Aptenia geniculiflora**

defoliatus (Haw.) L.Bolus = **Aridaria noctiflora** subsp. **defoliata**

delus (L.Bolus) L.Bolus, invalid name = **Phyllobolus delus**

dinteri (L.Bolus) L.Bolus, invalid name = **Phyllobolus melanospermus**

dyeri (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**

englishiae (L.Bolus) L.Bolus, invalid name = **Prenia englishiae**

flexuosus (Haw.) L.Bolus = **Phyllobolus splendens** subsp. **splendens**

fourcadei (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**

fragilis N.E.Br. = **Phyllobolus oculatus**

- framesii* (L.Bolus) L.Bolus, invalid name = **Phyllobolus spinuliferus**
- geniculiflorus* (L.) L.Bolus = **Aptenia geniculiflora**
- glanduliferus* (L.Bolus) L.Bolus, invalid name = **Phyllobolus sinuosus**
- godmaniae* (L.Bolus) L.Bolus, invalid name = **Phyllobolus sinuosus**
- gratiae* (L.Bolus) L.Bolus, invalid name = **Phyllobolus grossus**
- grossus* (Aiton) N.E.Br. = **Phyllobolus grossus**
- gydouwensis* L.Bolus = **Phyllobolus grossus**
- hallii* L.Bolus = **Phyllobolus delus**
- herbertii* N.E.Br. = **Phyllobolus herbertii**
- herrei* L.Bolus = **Phyllobolus prasinus**
- humilis* L.Bolus = **Phyllobolus herbertii**
- latipetalus* (L.Bolus) L.Bolus, invalid name = **Phyllobolus latipetalus**
- laxipetalus* (L.Bolus) L.Bolus, invalid name = **Phyllobolus grossus**
- laxus* (L.Bolus) N.E.Br. = **Phyllobolus decurvatus**
- leipoldtii* L.Bolus = **Phyllobolus grossus**
- leptopetalus* (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**
- lignescens* L.Bolus = **Phyllobolus lignescens**
- ligneus* (L.Bolus) L.Bolus, invalid name = **Phyllobolus melanospermus**
- littlewoodii* L.Bolus = **Phyllobolus nitidus**
- longipapillatus* L.Bolus = **Phyllobolus oculatus**
- longispinulus* (Haw.) N.E.Br. = **Phyllobolus grossus**
- longitubus* (L.Bolus) L.Bolus, invalid name = **Phyllobolus tenuiflorus**
- macrosiphon* (L.Bolus) L.Bolus, invalid name = **Phyllobolus tenuiflorus**
- melanospermus* Dinter & Schwantes = **Phyllobolus melanospermus**
- micans* L.Bolus = **Phyllobolus resurgens**
- nanus* L.Bolus = **Phyllobolus tenuiflorus**
- nitidus* (Haw.) L.Bolus, invalid name = **Phyllobolus nitidus**
- nothus* (N.E.Br.) Schwantes = **Phyllobolus splendens** subsp. **splendens**
- obtusus* (L.Bolus) L.Bolus, invalid name = **Phyllobolus decurvatus**
- oculatus* (N.E.Br.) N.E.Br. = **Phyllobolus oculatus**
- olivaceus* (Schltr. & A.Berger) L.Bolus = **Phyllobolus tenuiflorus**
- oubergensis* (L.Bolus) L.Bolus, invalid name = **Phyllobolus pumilus**
- pentagonus* (L.Bolus) L.Bolus var. *occidentalis* (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **pentagonus**
- pentagonus* (L.Bolus) L.Bolus var. *pentagonus*, invalid name = **Phyllobolus splendens** subsp. **pentagonus**
- platysepalus* (L.Bolus) L.Bolus, invalid name = **Phyllobolus grossus**
- plenifolius* (N.E.Br.) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**
- pomona* (L.Bolus) L.Bolus, invalid name = **Phyllobolus oculatus**
- praecox* L.Bolus = **Phyllobolus sinuosus**
- prasinus* (L.Bolus) L.Bolus, invalid name = **Phyllobolus prasinus**
- primulinus* (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**
- pumilus* (L.Bolus) L.Bolus, invalid name = **Phyllobolus pumilus**
- quarternus* (L.Bolus) L.Bolus, invalid name = **Phyllobolus spinuliferus**
- quartziticus* (L.Bolus) L.Bolus, invalid name = **Phyllobolus quartziticus**
- rabiei* (L.Bolus) N.E.Br. = **Phyllobolus rabiei**
- rabiesbergensis* (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**
- radicans* (L.Bolus) L.Bolus, invalid name = **Prenia radicans**
- recurvus* (L.Bolus) L.Bolus, invalid name = **Phyllobolus sinuosus**
- reflexus* (Haw.) L.Bolus = **Phyllobolus splendens** subsp. **splendens**
- rejuvenalis* L.Bolus = **Phyllobolus spinuliferus**
- resurgens* (Kensit) L.Bolus = **Phyllobolus resurgens**
- rhodandrus* (L.Bolus) L.Bolus, invalid name = **Phyllobolus nitidus**
- roseus* (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**
- salmonaeus* (Haw.) N.E.Br. = **Phyllobolus canaliculatus**
- saturatus* (L.Bolus) L.Bolus, invalid name = **Phyllobolus saturatus**
- scintillans* (Dinter) Dinter & Schwantes = **Phyllobolus oculatus**
- sinuosus* (L.Bolus) L.Bolus, invalid name = **Phyllobolus sinuosus**
- spinuliferus* (Haw.) L.Bolus = **Phyllobolus spinuliferus**
- splendens* (L.) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**
- stayneri* L.Bolus = **Phyllobolus delus**
- straminicolor* (L.Bolus) L.Bolus, invalid name = **Phyllobolus sinuosus**
- striatus* (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**
- strictus* (L.Bolus) L.Bolus, invalid name = **Phyllobolus spinuliferus**
- suaveolens* (L.Bolus) H.Jacobsen = **Phyllobolus lignescens**
- subaequans* (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **pentagonus**
- subpatens* (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **pentagonus**
- subpetiolatus* (L.Bolus) L.Bolus = **Phyllobolus grossus**
- suffusus* (L.Bolus) L.Bolus, invalid name = **Prenia tetragona**

sulcatus (Haw.) L.Bolus = **Phyllobolus splendens** subsp. **splendens**

tenuiflorus (Jacq.) N.E.Br. = **Phyllobolus tenuiflorus**

tetragonus (Thunb.) L.Bolus, invalid name = **Prenia tetragona**

tetramerus (L.Bolus) L.Bolus var. *parviflorus* (L.Bolus) L.Bolus, invalid name = **Phyllobolus trichotomus**

tetramerus (L.Bolus) L.Bolus var. *tetramerus*, invalid name = **Phyllobolus trichotomus**

trichotomus (Thunb.) L.Bolus, invalid name = **Phyllobolus trichotomus**

umbelliflorus (Jacq.) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**

vanheerdei L.Bolus = **Phyllobolus roseus**

varians (L.Bolus) L.Bolus = **Phyllobolus oculatus**

vernalis (L.Bolus) L.Bolus, invalid name = **Phyllobolus splendens** subsp. **splendens**

viridiflorus (Aiton) N.E.Br. = **Phyllobolus viridiflorus**

watermeyerii (L.Bolus) L.Bolus, invalid name = **Phyllobolus spinuliferus**

willowmorensis (L.Bolus) L.Bolus, invalid name = **Phyllobolus grossus**

STAYNERIA L.Bolus 2405117

(1) Hartmann. 1999. *Bradleya* 17: 38–74.

(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 304.

neilii (L.Bolus) L.Bolus

Ruschia neilii L.Bolus (1)

Perennial. Succulent. Ht up to 1.5 m. Alt 300–700 m. WC

STOEBERIA Dinter & Schwantes 2405118

(1) Van Jaarsveld. 1994. *Aloe* 31: 68–76.

(2) Hartmann. 1996. *Bradleya* 14: 29–56.

(3) Hartmann. 1999. *Bradleya* 17: 38–74.

(4) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 305–308.

(5) Chesselet. 2002. *Bothalia* 32: 187–190.

apetala L.Bolus = **S. beetzii**

arborea Van Jaarsv.

S. porphyrea H.E.K.Hartmann (1)

Perennial. Succulent tree. Ht 2–3.5 m. Alt 50–1000 m. N, NC, WC

beetzii (Dinter) Dinter & Schwantes

Mesembryanthemum beetzii Dinter (4)

Ruschia bicolorata L.Bolus (3)

Ruschia translucens L.Bolus (5)

S. apetala L.Bolus (1)

S. beetzii (Dinter) Dinter & Schwantes var. *arborescens* Friedrich (1)

Perennial. Succulent. Ht 0.4–0.6 m. Alt 20–150 m. N, NC

beetzii (Dinter) Dinter & Schwantes var. *arborescens* Friedrich = **S. beetzii**

carpii Friedrich

Jensenobotrya vanheerdei L.Bolus (1)

Perennial. Succulent. Ht up to 1.5 m. Alt 50–850 m. N, NC

frutescens (L.Bolus) Van Jaarsv.

Mesembryanthemum frutescens L.Bolus (1)

Ruschia frutescens (L.Bolus) L.Bolus (1)

Perennial. Succulent. Ht up to 2.5 m. Alt 300–1300 m. N, NC, WC

gigas (Dinter) Dinter & Schwantes

Mesembryanthemum gigas Dinter (5)

Ruschianthemum gigas (Dinter) Friedrich (5)

Perennial. Succulent. Ht 0.4–0.6 m. Alt 150–600 m. N, NC

hallii L.Bolus = **Lampranthus amphibolius**

littlewoodii L.Bolus = **Lampranthus mutatus**

porphyrea H.E.K.Hartmann = **S. arborea**

rupis-arcuatae (Dinter) Dinter & Schwantes = **Amphibolia rupis-arcuatae**

utilis (L.Bolus) Van Jaarsv.

Mesembryanthemum utile L.Bolus (1)

Ruschia utilis (L.Bolus) L.Bolus var. *giftbergensis* L.Bolus (4)

Ruschia utilis (L.Bolus) L.Bolus var. *utilis* (1)

Perennial. Succulent. Ht up to 2 m. Alt 50–1000 m. N, NC, WC

STOMATIUM Schwantes 2405119

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 265.

(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 308–314.

acutifolium L.Bolus

Perennial. Succulent. Ht up to 0.03 m. Alt 800–1000 m. WC

agninum (Haw.) Schwantes

S. agninum (Haw.) Schwantes var. *integrifolium* (Salm-Dyck) Volk (2)

Perennial. Succulent. Ht up to 0.04 m. Alt 900–1500 m. EC

agninum (Haw.) Schwantes var. *integrifolium* (Salm-Dyck) Volk = **S. agninum**

alboroseum L.Bolus

S. niveum L.Bolus (2)

Perennial. Succulent. Ht up to 0.03 m. Alt 200–1150 m. NC, WC

angustifolium L.Bolus

Perennial. Succulent. Ht up to 0.02 m. Alt 900–1300 m. WC, EC

beaufortense L.Bolus

Perennial. Succulent. Ht up to 0.04 m. Alt 800–1100 m. WC

bolusiae Schwantes

Perennial. Succulent. Ht up to 0.02 m. Alt 1200–1500 m. FS, EC

braunsii L.Bolus

Perennial. Succulent. Ht? Alt? WC

bryantii L.Bolus

Perennial. Succulent. Ht up to 0.03 m. Alt 980–1300 m. NC

deficiens L.Bolus

Perennial. Succulent. Ht up to 0.02 m. Alt 990–1400 m. EC

difforme L.Bolus

Perennial. Succulent. Ht up to 0.03 m. Alt 800–1100 m. WC

duthiae L.Bolus

Perennial. Succulent. Ht up to 0.03 m. Alt 1150–1900 m. EC

erminium (Haw.) Schwantes

- Perennial. Succulent. Ht? Alt? 'CP'
- fulleri** L.Bolus
Perennial. Succulent. Ht up to 0.02 m. Alt 950–1050 m. NC
- geoffreyi** L.Bolus
Perennial. Succulent. Ht up to 0.02 m. Alt ± 2700 m. EC
- gerstneri** L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 1700–2200 m. EC
- grandidens** L.Bolus
Perennial. Succulent. Ht? Alt? 'CP'
- integrum** L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 1600–1800 m. EC
- jamesii** L.Bolus
Perennial. Succulent. Ht up to 0.04 m. Alt 900–1500 m. EC
- latifolium** L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 1190–1280 m. NC
- lesliei** (Schwantes) Volk
Perennial. Succulent. Ht? Alt? 'CP'
- leve** L.Bolus
Perennial. Succulent. Ht up to 0.04 m. Alt 900–1500 m. EC
- loganii** L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 800–1100 m. WC
- meyeri** L.Bolus
Perennial. Succulent. Ht up to 0.04 m. Alt 560–880 m. NC
- middelburgense** L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 1150–1900 m. EC
- murinum** (Haw.) Schwantes
Perennial. Succulent. Ht up to 0.04 m. Alt 1300–1500 m. NC
- musculinum** Schwantes = **Chasmatophyllum musculinum**
- mustelinum** (Salm-Dyck) Schwantes
S. pyrodorum (Diels) L.Bolus (2)
Perennial. Succulent. Ht up to 0.04 m. Alt 900–1200 m. NC
- niveum** L.Bolus = **S. alboroseum**
- patulum** H.Jacobsen
Perennial. Succulent. Ht? Alt? 'CP'
- paucidens** L.Bolus
Perennial. Succulent. Ht? Alt? 'CP'
- peersii** L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 1200–1500 m. NC
- pluridens** L.Bolus
Perennial. Succulent. Ht up to 0.3 m. Alt 900–1100 m. NC
- pyrodorum** (Diels) L.Bolus = **S. mustelinum**
- resedolens** L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 1500–1750 m. NC
- ronaldii** L.Bolus
Perennial. Succulent. Ht up to 0.02 m. Alt 1400–1800 m. EC
- rouxii** L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 1250–1750 m. NC
- ryderae** L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 1400–1800 m. EC
- suaveolens** Schwantes
Perennial. Succulent. Ht up to 0.03 m. Alt 1200–1750 m. NC
- suricatinum** L.Bolus
Perennial. Succulent. Ht up to 0.05 m. Alt 800–1100 m. WC
- trifarium** L.Bolus
Perennial. Succulent. Ht up to 0.04 m. Alt 1300–1700 m. NC
- villetii** L.Bolus
Perennial. Succulent. Ht up to 0.03 m. Alt 800–1100 m. WC
- viride** L.Bolus
Perennial. Succulent. Ht up to 0.04 m. Alt 800–1100 m. WC
- SYNAPTOPHYLLUM** N.E.Br. 2405120
(1) Gerbaulet. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 314.
- juttae** (Dinter & A.Berger) N.E.Br.
Annual. Succulent. Ht up to 0.25 m. Alt 50–500 m. N
- sladenianum** (L.Bolus) N.E.Br. = **Prenia sladeniana**
- TANQUANA** H.E.K.Hartmann 2405160 & Liede
(1) Hartmann & Liede. 1986. *Botanische Jahrbücher* 106: 433–485.
(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 315.
- archeri** (L.Bolus) H.E.K.Hartmann & Liede
Pleiospilos archeri L.Bolus (1)
Pleiospilos clavatus L.Bolus (1)
Pleiospilos loganii L.Bolus (1)
Perennial. Succulent. Ht up to 0.03 m. Alt 300–600 m. WC
- hilmarii** (L.Bolus) H.E.K.Hartmann & Liede
Pleiospilos hilmarii L.Bolus (1)
Perennial. Succulent. Ht up to 0.04 m. Alt 300–600 m. WC
- prismatica** (Schwantes) H.E.K.Hartmann & Liede
Mesembryanthemum prismaticum Marloth ex Schwantes (1)
Mesembryanthemum roodiae N.E.Br. (1)
Pleiospilos prismaticus (Schwantes) Schwantes (1)
Pleiospilos roodiae (N.E.Br.) Schwantes (1)
Punctillaria roodiae N.E.Br. (2)
Perennial. Succulent. Ht up to 0.05 m. Alt 300–600 m. WC
- TETRACOILANTHUS** Rappa & Camarrone 2405182
anatomicus (Haw.) Rappa & Camarrone, invalid name = **Sceletium emarcidum**
concaucus (Haw.) Rappa & Camarrone, invalid name = **Sceletium tortuosum**

TITANOPSIS Schwantes 2405121

- (1) Hammer. 1990. *Aloe* 27: 10–13.
 (2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 328–330.

calcareae (Marloth) Schwantes*T. fulleri* Tischer (2)

Perennial. Succulent. Ht up to 0.04 m. Alt 850–1600 m. NW, FS, NC

fulleri Tischer = **T. calcareae****hugo-schlechteri** (Tischer) Dinter & Schwantes*T. hugo-schlechteri* (Tischer) Dinter & Schwantes var. *alboviridis* Dinter (2)

Perennial. Succulent. Ht up to 0.3 m. Alt 550–1100 m. Distr.?

hugo-schlechteri (Tischer) Dinter & Schwantes var. *alboviridis* Dinter = **T. hugo-schlechteri***luckhoffii* L.Bolus = **Aloinopsis luckhoffii***luederitzii* Tischer = **T. schwantesii***primosii* L.Bolus = **T. schwantesii****schwantesii** (Dinter) Schwantes*T. luederitzii* Tischer (2)*T. primosii* L.Bolus (2)

Perennial. Succulent. Ht up to 0.04 m. Alt 100–1000 m. N

TRICHOCYCLUS N.E.Br. 2405203*ciliatus* N.E.Br. = **Brownanthus ciliatus** subsp. *ciliatus**pubescens* N.E.Br. ex C.A.Maass = **Brownanthus pubescens****TRICHODIADEMA** Schwantes 2405122

- (1) Bolus. 1962. *The Flowering Plants of Africa* 35: t. 1367.
 (2) Niesler. 1997. *Bradleya* 15: 13–27.
 (3) Niesler. 2001. In Hartmann, *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 338–349.

attonsum (L.Bolus) Schwantes

Perennial. Succulent. Ht 0.1–0.15 m. Alt 300–1200 m. WC

aureum L.Bolus

Perennial. Succulent. Ht 0.12–0.13 m. Alt 890–1400 m. EC

barbatum (L.) Schwantes*T. stellatum* (Mill.) Schwantes (2)*T. stelligerum* (Haw.) Schwantes (2)

Perennial. Succulent. Ht up to 0.15 m. Alt 250–1500 m. EC

bulbosum (Haw.) Schwantes

Perennial. Succulent. Ht up to 0.2 m. Alt 50–850 m. EC

burgeri L.Bolus

Perennial. Succulent. Ht 0.02–0.06 m. Alt 400–950 m. WC

calvatum L.Bolus

Perennial. Succulent. Ht 0.09–0.13 m. Alt 200–530 m. WC

concinnum L.Bolus

Perennial. Succulent. Ht 0.035–0.13 m. Alt 100–300 m. EC

decorum (N.E.Br.) Stearn ex H.Jacobsen

Perennial. Succulent. Ht ± 0.18 m. Alt 250–816 m. EC

densum (Haw.) Schwantes

Perennial. Succulent. Ht ± 0.15 m. Alt 900–1400 m. EC

echinatum L.Bolus = **Delosperma echinatum****emarginatum** L.Bolus

Perennial. Succulent. Ht ± 0.035 m. Alt? ‘CP’

fergusoniae L.Bolus

Perennial. Succulent. Ht ± 0.03 m. Alt 160–300 m. WC

fourcadei L.Bolus

Perennial. Succulent. Ht 0.08–0.11 m. Alt 50–400 m. EC

gracile L.Bolus*T. gracile* L.Bolus var. *piliferum* L.Bolus (3)*T. gracile* L.Bolus var. *setiferum* L.Bolus (3)

Perennial. Succulent. Ht up to 0.2 m. Alt 150–350 m. WC

gracile L.Bolus var. *piliferum* L.Bolus = **T. gracile***gracile* L.Bolus var. *setiferum* L.Bolus = **T. gracile****hallii** L.Bolus

Perennial. Succulent. Ht up to 0.06 m. Alt 560–1020 m. WC

hirsutum (Haw.) Stearn

Perennial. Succulent. Ht? Alt? ‘CP’

imitans L.Bolus

Perennial. Succulent. Ht up to 0.33 m. Alt? ‘CP’

inornatum L.Bolus = **Drosanthemum inornatum****intonsum** (Haw.) Schwantes

Perennial. Succulent. Ht 0.05–0.15 m. Alt 20–150 m. EC

introrsum (Haw. ex Hook.f.) Niesler

Perennial. Succulent. Ht up to 0.25 m. Alt 50–170 m. EC

littlewoodii L.Bolus*T. littlewoodii* L.Bolus forma *alba* L.Bolus (3)

Perennial. Succulent. Ht 0.19–0.25 m. Alt 890–1050 m. N, NC

littlewoodii L.Bolus forma *alba* L.Bolus = **T. littlewoodii****marlothii** L.Bolus

Perennial. Succulent. Ht up to 0.04 m. Alt 190–380 m. WC

mirabile (N.E.Br.) Schwantes*T. mirabile* (N.E.Br.) Schwantes var. *leptum* L.Bolus (3)

Perennial. Succulent. Ht 0.025–0.08 m. Alt 750–1200 m. WC

mirabile (N.E.Br.) Schwantes var. *leptum* L.Bolus = **T. mirabile****obliquum** L.Bolus

Perennial. Succulent. Ht up to 0.11 m. Alt 800–1500 m. WC

occidentale L.Bolus

Perennial. Succulent. Ht up to 0.022 m. Alt 50–365 m. WC

olivaceum L.Bolus

Perennial. Succulent. Ht up to 0.11 m. Alt 100–930 m. EC

orientale L.Bolus

Perennial. Succulent. Ht 0.065–0.1 m. Alt 50–1200 m. EC

peersii L.Bolus

Perennial. Succulent. Ht 0.07–0.09 m. Alt 800–1400 m. EC

pomeridianum L.Bolus

Perennial. Succulent. Ht up to 0.3 m. Alt up to 1250 m. N, NW, FS, NC, WC, EC

pygmaeum L.Bolus

Perennial. Succulent. Ht 0.01–0.03 m. Alt 20–250 m. WC

rogersiae L.Bolus

Perennial. Succulent. Ht up to 0.11 m. Alt 900–1650 m. EC

rupicola L.Bolus

Perennial. Succulent. Ht up to 0.28 m. Alt 30–500 m. EC

ryderae L.Bolus

Perennial. Succulent. Ht up to 0.08 m. Alt 600–1400 m. EC

setuliferum (N.E.Br.) Schwantes

T. setuliferum (N.E.Br.) Schwantes var. *niveum* L.Bolus (3)

Perennial. Succulent. Ht up to 0.23 m. Alt 150–1100 m. EC

setuliferum (N.E.Br.) Schwantes var. *niveum* L.Bolus = **T. setuliferum**

stayneri L.Bolus

Perennial. Succulent. Ht 0.04–0.06 m. Alt 50–500 m. EC

stellatum (Mill.) Schwantes = **T. barbatum**

stelligerum (Haw.) Schwantes = **T. barbatum**

strumosum (Haw.) L.Bolus

Perennial. Succulent. Ht up to 0.05 m. Alt? 'CP'

tenuis L.Bolus = **Delosperma neethlingiae**

VANHEERDEA L.Bolus ex H.E.K.Hartmann 2405123

(1) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 347, 348.

angusta (L.Bolus) L.Bolus = **V. roodiae**

divergens (L.Bolus) L.Bolus = **V. roodiae**

primosii (L.Bolus) L.Bolus ex H.E.K.Hartmann

Perennial. Succulent. Ht ± 0.03 m. Alt 900–1000 m. NC

roodiae (N.E.Br.) L.Bolus ex H.E.K.Hartmann

V. angusta (L.Bolus) L.Bolus (1)

V. divergens (L.Bolus) L.Bolus (1)

Perennial. Succulent. Ht up to 0.6 m, when in flower. Alt 800–1100 m. NC

VANZIJLIA L.Bolus 2405124

(1) Phillips. 1927. *The Flowering Plants of South Africa* 7: t. 262.

(2) Hartmann. 1983. *Botanische Jahrbücher* 103: 499–538.

(3) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 348, 349.

angustipetala (L.Bolus) N.E.Br. = **V. annulata**

annulata (A.Berger) L.Bolus

V. angustipetala (L.Bolus) N.E.Br. (2)

Perennial. Succulent. Ht up to 0.4 m. Alt 20–350 m. NC, WC

rostella L.Bolus = **Cephalophyllum rostellum**

VLOKIA S.A.Hammer 2405185

(1) Hammer. 1994. *Cactus and Succulent Journal (US)* 66: 256.

(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 350.

ater S.A.Hammer

Perennial. Succulent. Ht ± 0.15 m. Alt 1200–1350 m. WC

WOOLEYA L.Bolus 2405125

(1) Bolus. 1960. *Journal of South African Botany* 27: 47–63.

(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 351.

farinosa (L.Bolus) L.Bolus

Perennial. Succulent. Ht ± 0.7 m. Alt up to 100 m. NC

ZEUKTOPHYLLUM N.E.Br. 2405126

(1) Hartmann. 1998. *Bradleya* 16: 44–91.

(2) Hartmann. 2001. *Illustrated handbook of succulent plants. Aizoaceae, F–Z*: 354.

calycinum (L.Bolus) H.E.K.Hartmann

Mesembryanthemum separatum N.E.Br. (1)

Octopoma calycinum (L.Bolus) L.Bolus (1)

Ruschia calycina L.Bolus (1)

Perennial. Succulent. Ht up to 0.09 m. Alt 700–850 m. WC

suppositum (L.Bolus) N.E.Br.

Mesembryanthemum suppositum L.Bolus (1)

Perennial. Succulent. Ht ± 0.2 m. Alt 550–850 m. WC

MOLLUGINACEAE

Compiled by M.C. Makgakga

ADENOGRAMMA Rchb. 2374000

(1) Adamson. 1955. *Journal of South African Botany* 21: 83–90.

(2) Adamson. 1957. *Journal of South African Botany* 23: 13.

(3) Friedrich. 1966. *FSWA* 26: 3.

asparagoides Adamson = **A. teretifolia**

capillaris (Eckl. & Zeyh.) Druce

A. lampocarpa E.Mey. ex Fenzl (1)

Stuedelia capillaris Eckl. & Zeyh. (1)

Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt up to 549 m. WC

congesta Adamson

Annual. Herb. Ht 0.05–0.2 m. Alt? WC

diffusa Fenzl = **A. lichtensteiniana**

dregeana Gand. = **A. physocalyx**

galioides Fenzl = **A. glomerata**

glomerata (L.f.) Druce

A. galioides Fenzl (3)

Annual. Herb. Ht up to 0.5 m. Alt 15–1350 m. NC, WC

lampocarpa E.Mey. ex Fenzl = **A. capillaris**

lichtensteiniana (Schult.) Druce

A. diffusa Fenzl (1)

- Mollugo lichtensteiniana* Ser. (1)
Pharnaceum lichtensteinianum Schult. (1)
Stuedelia diffusa Eckl. & Zeyh. (1)
 Annual. Dwarf shrub. Ht 0.5–1 m. Alt 100–765 m.
 WC
- littoralis** Adamson
 Annual. Herb. Ht 0.05–0.15 m. Alt ± 915 m. WC
- mollugo** Rchb.f.
 Annual. Herb. Ht 0.05–0.3 m. Alt 90–960 m. WC
- physocalyx** Fenzl
A. dregeana Gand. (1)
 Annual. Herb. Ht 0.05–0.15 m. Alt? WC
- rigida** (Bartl.) Sond.
Pharnaceum rigidum Bartl. (1)
Psammotropha rigida Fenzl (1)
 Annual, occ. perennial. Herb. Ht 0.2–0.6 m. Alt? WC
- sylvatica** (Eckl. & Zeyh.) Fenzl
Stuedelia sylvatica Eckl. & Zeyh. (1)
Stuedelia viridis Gand. (1)
 Perennial. Herb. Ht 0.1–1 m. Alt 120–1645 m. WC,
 EC
- teretifolia** (Thunb.) Adamson
A. asparagoides Adamson (2)
 Perennial. Dwarf shrub. Ht 0.1–0.25 m. Alt ± 670 m.
 NC
- BLEPHAROLEPIS** Nees 2375010
eckloniana Nees = **Polpoda capensis**
- COELANTHUM** E.Mey. ex Fenzl 2391000
 (1) Adamson. 1958. *Journal of South African Botany* 24: 48–57.
 (2) Friedrich. 1966. *FSWA* 26: 3.
- grandiflorum** E.Mey. ex Fenzl
Pharnaceum longearistatum Dinter (2)
 Annual. Herb. Ht ± 0.1 m. Alt 45–365 m. N, NC, WC
- semiquinquefidum** (Hook.f.) Druce
 Annual. Herb. Ht up to 0.15 m. Alt up to 914 m. WC
- verticillatum** Adamson
 Annual. Herb. Ht ± 0.15 m. Alt ± 40 m. WC
- CORBICHONIA** Scop. 2393000
 (1) Adamson. 1958. *Journal of South African Botany* 24: 67–69.
 (2) Jeffrey. 1960. *Kew Bulletin* 14: 35.
 (3) Watt & Breyer-Brandwijk. 1962. *Medicinal and poisonous plants of southern and eastern Africa*: 7.
 (4) Friedrich. 1966. *FSWA* 26: 4.
- decumbens** (Forssk.) Exell
Orygia decumbens Forssk. (3)
 Annual, occ. perennial. Herb. Ht ± 0.5 m. Alt 60–1465 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC
- rubriviolacea** (Friedrich) Jeffrey
Orygia rubriviolacea Friedrich (4)
 Perennial. Herb. Ht 0.02–0.05 m. Alt? N, LIM
- GLINUS** L. 2388000
 (1) Adamson. 1961. *Journal of South African Botany* 27: 125–130.
 (2) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 161.
 (3) Gonçalves. 1978. *FZ* 4,4: 537–541.
- bainesii** (Oliv.) Pax
 Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 450–896 m. B, LIM
- *lotoides** L. var. **lotoides**
 Perennial. Herb. Ht 0.1–0.3 m. Alt 30–1250 m. N, B, LIM, NW, FS, KZN, NC, WC
- lotoides** L. var. **virens** Fenzl
 Perennial. Herb. Ht 0.1–0.3 m. Alt ± 135 m. N, B, LIM, KZN
- oppositifolius** (L.) DC. var. **oppositifolius**
Mollugo serrulata Sond. (2)
 Perennial. Herb. Ht up to 0.5 m. Alt 3–1435 m. N, B, LIM, M, S, FS, KZN, EC
- HYPERTELIS** E.Mey. ex Fenzl 2390000
 (1) Adamson. 1958. *Journal of South African Botany* 24: 51–65.
 (2) Friedrich. 1966. *FSWA* 26: 7–9.
 (3) Gonçalves. 1978. *FZ* 4,1: 546–548.
- angrae-pequenae** Friedrich
 Perennial. Herb. Ht 0.1–0.2 m. Alt? N, NC, WC
- arenicola** Sond.
 Annual. Herb. Ht 0.02–0.12 m. Alt up to 640 m. NW, WC, EC
- bowkeriana** Sond.
Mollugo suffruticosa Peter (2)
 Perennial. Herb. Ht 0.01–0.05 m. Alt 30–1340 m. N, B, LIM, NW, FS, NC, EC
- caespitosa** Friedrich
 Perennial. Herb. Ht 0.02–0.06 m. Alt ± 1370 m. N, FS
- salsoloides** (Burch.) Adamson var. **salsoloides**
Pharnaceum salsoloides Burch. (2)
Pharnaceum verrucosum Eckl. & Zeyh. (2)
 Perennial. Dwarf shrub. Ht 0.05–0.45 m. Alt 5–1675 m. N, LIM, NW, G, S, FS, KZN, NC, WC, EC
- spergulacea** E.Mey. ex Fenzl
Mollugo linearis of author, not of Ser. emended DC., concept invalid (2)
 Perennial. Herb. Ht 0.1–0.3 m. Alt 100–600 m. N, NC
- trachysperma** Adamson
 Annual. Herb. Ht ± 0.02 m. Alt? NC, WC
- LIMEUM** L. 2376000
 (1) Friedrich. 1956. *Mitteilungen der Botanischen Staatssammlung München* 2: 134–166.
 (2) Watt & Breyer-Brandwijk. 1962. *Medicinal and poisonous plants of southern and eastern Africa*: 834.
 (3) Friedrich. 1966. *FSWA* 26: 9–15.
 (4) Smith *et al.* 1966. *Memoirs of the Botanical Survey of South Africa* No. 35: 557, 620.
 (5) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 161.
 (6) Gonçalves. 1978. *FZ* 4,1: 525–533.
 (7) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 87, 88.
- aethiopicum** Burm. subsp. **aethiopicum** var. **aethiopicum**
L. capense Thunb. (3)
 Perennial. Dwarf shrub, herb. Ht 0.1–0.45 m. Alt 365–1980 m. B, NW, G, FS, NC, WC, EC
- aethiopicum** Burm. subsp. **aethiopicum** var. **fluviale** (Eckl. & Zeyh.) Friedrich
 Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 5–1175 m. L, WC, EC
- aethiopicum** Burm. subsp. **aethiopicum** var. **intermedium** Friedrich
 Perennial. Dwarf shrub, herb. Ht 0.2–0.4 m. Alt 365–1220 m. FS, NC, WC, EC
- aethiopicum** Burm. subsp. **namaense** Friedrich var. **lanceolatum** Friedrich
 Perennial. Dwarf shrub, herb. Ht 0.08–0.4 m. Alt 165–1090 m. N, NC, WC

- aethiopicum** Burm. subsp. **namaense** Friedrich var. **namaense**
L. aethiopicum Burm. var. *glabrum* Moq. (3)
L. capense of author, not of Thunb., concept invalid (3)
L. suffruticosum G.Schellenb. (4)
 Perennial. Dwarf shrub, herb. Ht 0.15–0.25 m. Alt 915–2000 m. N, B, NC
- aethiopicum* Burm. var. *glabrum* Moq. = **L. aethiopicum** subsp. **namaense** var. **namaense**
- aethiopicum* Burt Davy = **L. argute-carinatum** var. **argute-carinatum**
- africanum** L. subsp. **africanum**
 Perennial. Dwarf shrub, herb. Ht 0.13–0.16 m. Alt 5–1350 m. B, M, NC, WC
- africanum** L. subsp. **canescens** (E.Mey. ex Fenzl) Friedrich
 Perennial. Dwarf shrub, herb. Ht 0.1–0.2 m. Alt 550–1370 m. NC, WC
- arenicolum** G.Schellenb.
 Annual. Herb. Ht ± 0.3 m. Alt 855–1220 m. N, B, NW, G, FS, NC
- argute-carinatum** Wawra ex Wawra & Peyr. var. **argute-carinatum**
L. aethiopicum Burt Davy (4)
L. viscosum Burt Davy (4)
 Annual. Herb. Ht ± 0.3 m. Alt 500–1405 m. N, B, NW, FS, KZN, NC, WC
- capense* of author, not of Thunb., concept invalid = **L. aethiopicum** subsp. **namaense** var. **namaense**
- capense* Thunb. = **L. aethiopicum** subsp. **aethiopicum** var. **aethiopicum**
- deserticolum** Dinter & G.Schellenb.
 Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt up to 610 m. N, NC
- dinteri** G.Schellenb.
 Perennial. Herb. Ht 0.3–0.5 m. Alt 610–2000 m. N, LIM, FS, NC, WC
- fenestratum** (Fenzl) Heimerl var. **fenestratum**
Semonvillea fenestrata Fenzl (5)
 Annual. Herb. Ht 0.3–0.9 m. Alt 90–1740 m. N, B, LIM, NW, G, M, FS, KZN, NC
- fenestratum** (Fenzl) Heimerl var. **frutescens** (Dinter) Friedrich
 Annual. Herb. Ht up to 0.9 m. Alt? N
- glomeratum* Eckl. & Zeyh. = **L. viscosum** subsp. **viscosum** var. **glomeratum**
- humifusum** Friedrich
 Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt up to 2440 m. B, L, NC
- myosotis** H.Walter var. **confusum** Friedrich
L. pseudomyosotis G.Schellenb. (4)
 Annual. Herb. Ht 0.05–0.15 m. Alt 640–1275 m. N, B, NC
- myosotis** H.Walter var. **myosotis**
 Annual. Herb. Ht ± 0.3 m. Alt 700–1350 m. N, B, NC
- myosotis** H.Walter var. **rotundifolia** Friedrich
 Annual. Herb. Ht? Alt? N
- natalense* G.Schellenb. = **L. viscosum** subsp. **viscosum** var. **kraussii**
- neglectum* Dinter = **L. pterocarpum** var. **pterocarpum**
- pauciflorum** Moq.
 Perennial. Herb. Ht 0.1–0.2 m. Alt ± 1800 m. LIM, NW, G, M, FS
- pseudomyosotis* G.Schellenb. = **L. myosotis** var. **confusum**
- pterocarpum** (J.Gay) Heimerl var. **apterum** Friedrich
 Annual. Herb. Ht 0.3–0.4 m. Alt? N
- pterocarpum** (J.Gay) Heimerl var. **pterocarpum**
L. neglectum Dinter (4)
 Annual. Herb. Ht 0.07–0.6 m. Alt 441–1340 m. N, B, LIM, FS, NC
- rhombifolium** G.Schellenb.
 Annual. Herb. Ht ± 0.3 m. Alt ± 915 m. N, NC
- subnudum** Friedrich
 Perennial. Herb. Ht? Alt? NC
- suffruticosum* G.Schellenb. = **L. aethiopicum** subsp. **namaense** var. **namaense**
- sulcatum** (Klotzsch) Hutch. var. **gracile** Friedrich
 Annual, occ. perennial. Herb. Ht 0.15–0.21 m. Alt 440–1370 m. N, B, LIM, FS, NC
- sulcatum** (Klotzsch) Hutch. var. **robustum** Friedrich
 Annual. Herb. Ht 0.1–0.6 m. Alt? N, B, LIM, FS, KZN, NC
- sulcatum** (Klotzsch) Hutch. var. **scabridum** (Klotzsch) Friedrich
 Perennial. Herb. Ht 0.1–0.7 m. Alt ± 915 m. N, LIM, NW, G, M, FS, NC
- sulcatum** (Klotzsch) Hutch. var. **sulcatum**
 Annual. Herb. Ht 0.03–0.6 m. Alt 60–2105 m. N, B, LIM, NW, G, M, FS, NC
- telephioides** E.Mey. ex Fenzl var. **schlechteri** (G.Schellenb.) Friedrich
 Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt? WC
- telephioides** E.Mey. ex Fenzl var. **telephioides**
 Perennial. Dwarf shrub. Ht 0.1–0.35 m. Alt 18–610 m. NC, WC, EC
- viscosum* Burt Davy = **L. argute-carinatum** var. **argute-carinatum**
- viscosum** (J.Gay) Fenzl subsp. **nummulifolium** (H.Walter) Friedrich
 Annual. Herb. Ht 0.08–0.3 m. Alt ± 1360 m. N, NW, NC
- viscosum** (J.Gay) Fenzl subsp. **transvaalense** Friedrich
 Annual. Herb. Ht up to 0.6 m. Alt ± 1620 m. LIM, NW, G, M, NC
- viscosum** (J.Gay) Fenzl subsp. **viscosum** var. **dubium** Friedrich
 Annual. Herb. Ht 0.1–0.22 m. Alt ± 950 m. B, LIM, M
- viscosum** (J.Gay) Fenzl subsp. **viscosum** var. **glomeratum** (Eckl. & Zeyh.) Friedrich
L. glomeratum Eckl. & Zeyh. (4)
L. viscosum Sond. (5)
L. viscosum Sond. var. *kotschyi* Burt Davy (4)
 Annual. Herb. Ht 0.05–0.3 m. Alt 55–2400 m. LIM, NW, G, M, S, FS, KZN, NC, EC
- viscosum** (J.Gay) Fenzl subsp. **viscosum** var. **kraussii** Friedrich
L. natalense G.Schellenb. (6)
 Annual. Herb. Ht 0.25–0.3 m. Alt 5–305 m. B, LIM, NW, G, M, S, KZN, NC

viscosum (J.Gay) Fenzl subsp. **viscosum** var. **macrocarpum** Friedrich

Annual. Herb. Ht 0.1–0.3 m. Alt ± 1220 m. N, B, NW, FS, NC

viscosum (J.Gay) Fenzl subsp. **viscosum** var. **viscosum**
Annual. Herb. Ht 0.08–0.8 m. Alt 200–1675 m. N, LIM, NW, G, M, S, KZN, L

viscosum Sond. = **L. viscosum** subsp. **viscosum** var. **glomeratum**

viscosum Sond. var. *kotschyi* Burtt Davy = **L. viscosum** subsp. **viscosum** var. **glomeratum**

MOLLUGO L. 2387000

(1) Candolle. 1824. *Prodromus* 1: 391–393.

(2) Fenzl. 1836. *Annalen des Naturhistorischen Museum*, Wien 1: 379.

(3) Adamson. 1958. *Journal of South African Botany* 24: 13–18.

(4) Friedrich. 1966. *FSWA* 26: 15–17.

(5) Gonçalves. 1978. *FZ* 4,1: 541–544.

cerviana (L.) Ser. ex DC. var. **cerviana**

Annual. Herb. Ht 0.05–0.2 m. Alt 400–2400 m. N, B, LIM, NW, G, FS, L, NC, WC

cerviana (L.) Ser. ex DC. var. **spathulifolia** Fenzl

Annual. Herb. Ht 0.05–0.2 m. Alt? LIM

cerviana (L.) Ser. ex DC. var. *walteri* (Friedrich) Adamson = **M. walteri**

lichtensteiniana Ser. = **Adenogramma lichtensteiniana linearis** of author, not of Ser. emended DC., concept invalid = **Hypertelis spergulacea**

namaquensis Bolus

Annual. Herb. Ht 0.02–0.04 m. Alt ± 915 m. WC

***nudicaulis** Lam.

Annual. Herb. Ht 0.05–0.3 m. Alt 185–1350 m. N, B, LIM, NW, S, KZN

pusilla (Schltr.) Adamson

Annual. Herb. Ht 0.04–0.1 m. Alt? N, NC

serrulata Sond. = **Glinus oppositifolius** var. **oppositifolius**

suffruticosa Peter = **Hypertelis bowkeriana**

tenella Bolus

Annual. Herb. Ht 0.02–0.4 m. Alt 130–945 m. NC

walteri Friedrich

M. cerviana (L.) Ser. ex DC. var. *walteri* (Friedrich) Adamson (4)

Annual. Herb. Ht 0.05–0.1 m. Alt 30–915 m. N

ORYGIA Forssk. 2393010

decumbens Forssk. = **Corbichonia decumbens**

rubriviolacea Friedrich = **Corbichonia rubriviolacea**

PHARNACEUM L. 2389000

(1) Ecklon & Zeyher. 1836. *Enumeratio plantarum*: 285, 286.

(2) Harvey & Sonder. 1860. *FC* 1: 138–144.

(3) Oliver. 1871. *FTA* 2: 592.

(4) Adamson. 1955. *Journal of South African Botany* 21: 83.

(5) Friedrich. 1966. *FSWA* 26: 17–20.

(6) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 57–99.

(7) Gonçalves. 1978. *FZ* 4,1: 544–546.

albens L.f.

P. lanatum of author, not of Bartl.; Dinter, concept invalid (5)

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 425–1124 m. N, NC, WC

alpinum Adamson

Perennial. Herb. Ht ± 0.3 m. Alt ± 2955 m. EC

aurantium (DC.) Druce

Perennial. Dwarf shrub. Ht 0.1–0.8 m. Alt 60–1525 m. NC, WC

brevicaule (DC.) Bartl.

P. merxmulleri Friedrich (5)

Perennial. Herb. Ht 0.01–0.05 m. Alt 61–2337 m. N, B, NW, FS, L, NC, WC

ciliare Adamson

Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt ± 1370 m. WC, EC

confertum (DC.) Eckl. & Zeyh. var. **brachyphyllum** Adamson

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt? N, NC, WC

confertum (DC.) Eckl. & Zeyh. var. **confertum**

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 10–840 m. N, NC, WC

cordifolium L.

Perennial. Herb. Ht up to 0.5 m. Alt 2–30 m. WC

croceum E.Mey. ex Fenzl

Annual, occ. perennial. Herb. Ht 0.05–0.1 m. Alt 130–1220 m. N, NW, NC

detonsum Fenzl

Perennial. Herb. Ht 0.01–0.02 m. Alt ± 1920 m. FS, L, NC, WC, EC

dichotomum L.f.

Perennial. Dwarf shrub, herb. Ht 0.1–0.35 m. Alt 5–2815 m. N, NW, G, FS, L, NC, WC, EC

distichum in sense of Thunb., not of L. = **P. thunbergii**

elongatum (DC.) Adamson

Perennial. Dwarf shrub. Ht 0.03–0.25 m. Alt 10–820 m. NC, WC, EC

exiguum Adamson

Annual. Herb. Ht 0.03–0.3 m. Alt 40–460 m. NC, WC, EC

fluviale Eckl. & Zeyh.

Perennial. Herb. Ht 0.05–0.2 m. Alt 70–789 m. NC, WC, EC

gracile Fenzl

Annual. Herb. Ht 0.01–0.15 m. Alt? N

incanum L.

Perennial. Dwarf shrub. Ht 0.02–0.2 m. Alt 4–1066 m. NC, WC

lanatum Bartl.

Perennial. Dwarf shrub. Ht 0.15–0.7 m. Alt 15–1060 m. NC, WC

lanatum of author, not of Bartl.; Dinter, concept invalid = **P. albens**

lichtensteinianum Schult. = **Adenogramma lichtensteiniana**

lineare L.f.

Perennial. Herb. Ht up to 1 m. Alt 30–915 m. WC

longearistatum Dinter = **Coelanthum grandiflorum**

merxmulleri Friedrich = **P. brevicaule**

microphyllum L.f. var. **albens** Adamson

Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt? WC

microphyllum L.f. var. **microphyllum**

Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt ± 760 m. NC, WC

mucronatum Thunb. = **Psammotropha mucronata** var. **mucronata**

rigidum Bartl. = **Adenogramma rigida**

rubens Adamson

Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt? WC

salsoloides Burch. = **Hypertelis salsoloides** var. **salsoloides**

scleranthoides Sond. = **Suessenguthiella scleranthoides**

serpyllifolium L.f.

Perennial. Herb. Ht 0.03–0.05 m. Alt ± 1770 m. WC

subtile E.Mey.

Annual. Herb. Ht 0.03–0.08 m. Alt? NC

thunbergii Adamson

P. distichum in sense of Thunb., not of L. (6)

Perennial. Herb. Ht up to 0.6 m. Alt 5–45 m. KZN, NC, WC, EC

trigonum Eckl. & Zeyh.

Perennial. Dwarf shrub. Ht 0.03–0.05 m. Alt 155–1980 m. FS, L, WC, EC

verrucosum Eckl. & Zeyh. = **Hypertelis salsoloides** var. **salsoloides**

viride Adamson

Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? NC

POLPODA C.Presl

2375000

(1) Adamson. 1955. *Journal of South African Botany* 21: 93–95.

capensis C.Presl

Blepharolepis eckloniana Nees (1)

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 30–700 m. WC

stipulacea (F.M.Leight.) Adamson

Psammotropha stipulacea F.M.Leight. (1)

Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt? WC

PSAMMOTROPHA Eckl. & Zeyh. 2379000

(1) Adamson. 1959. *Journal of South African Botany* 25: 51–68.

(2) Jacot Guillarmod. 1971. *Flora of Lesotho*: 168, 169.

(3) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 161.

(4) Bond & Goldblatt. 1984. *Journal of South African Botany* Suppl. Vol. 13: 135.

alternifolia Killick

Perennial. Herb. Ht 0.02–0.07 m. Alt ± 3355 m. KZN, L

androsacea Fenzl = **P. mucronata** var. **mucronata**

androsacea Fenzl var. *enervis* Fenzl = **P. mucronata** var. **mucronata**

anguina Compton

Perennial. Dwarf shrub. Ht 0.08–0.15 m. Alt 457–1615 m. NC, WC

breviscapa Burt Davy = **P. myriantha**

diffusa Adamson

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt? WC

frigida Schltr.

Perennial. Herb. Ht 0.03–0.1 m. Alt ± 2100 m. WC, EC

marginata (Thunb.) Druce

Perennial. Herb. Ht 0.1–0.15 m. Alt ± 85 m. NC

mucronata (Thunb.) Fenzl var. **foliosa** Adamson

Perennial. Herb. Ht 0.04–0.25 m. Alt 155–3000 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC

mucronata (Thunb.) Fenzl var. **marginata** Adamson

Perennial. Herb. Ht 0.04–0.06 m. Alt 92–2875 m. FS, L, EC

mucronata (Thunb.) Fenzl var. **mucronata**

Pharnaceum mucronatum Thunb. (2)

P. androsacea Fenzl (2)

P. androsacea Fenzl var. *enervis* Fenzl (2)

Perennial. Herb. Ht 0.05–0.5 m. Alt 30–2940 m. LIM, NW, G, M, S, FS, KZN, L, NC, EC

myriantha Sond.

P. breviscapa Burt Davy (1)

Perennial. Herb. Ht 0.01–0.08 m. Alt 30–2416 m. LIM, NW, G, M, S, FS, KZN, L, NC, EC

obovata Adamson

Perennial. Herb. Ht 0.1–0.2 m. Alt? KZN

obtusa Adamson

Perennial. Herb. Ht 0.03–0.05 m. Alt 2897–3485 m. KZN, L, NC

quadrangularis (L.f.) Fenzl

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 105–2200 m. NC, WC

rigida Fenzl = **Adenogramma rigida**

spicata Adamson

Perennial. Dwarf shrub. Ht 0.1–0.25 m. Alt ± 670 m. NC, WC

stipulacea F.M.Leight. = **Polpoda stipulacea**

SEMONVILLEA Heimerl

2376010

fenestrata Fenzl = **Limeum fenestratum** var. **fenestratum**

STEUDELIA C.Presl

2374010

capillaris Eckl. & Zeyh. = **Adenogramma capillaris**

diffusa Eckl. & Zeyh. = **Adenogramma lichtensteiniana**

sylvatica Eckl. & Zeyh. = **Adenogramma sylvatica**

viridis Gand. = **Adenogramma sylvatica**

SUESSENGUTHIELLA Friedr.

2389010

(1) Friedrich. 1955. *Mitteilungen der Botanischen Staatssammlung München* 2: 60–62.

(2) Friedrich. 1960. *Mitteilungen der Botanischen Staatssammlung München* 3: 616, 617.

(3) Friedrich. 1966. *FSWA* 26: 20, 21.

(4) Bond & Goldblatt. 1984. *Journal of South African Botany* Suppl. Vol. 13: 136.

caespitosa Friedrich

Annual. Herb. Ht 0.01–0.04 m. Alt? N

scleranthoides (Sond.) Friedrich

Pharnaceum scleranthoides Sond. (4)

Annual. Herb. Ht up to 2.5 m. Alt 280–885 m. N, NC, WC

MONIMIACEAE

Compiled by M. Jordaan

XYMALOS Baill.

2759010

monospora (Harv.) Baill.(1) Verdcourt. 1968. *FTEA* Monimiaceae: 1–3.Perennial. Tree or shrub. Ht 3–25 m. Alt 90–2075 m.
LIM, M, S, KZN, EC

MONTINIACEAE

Compiled by E. Retief

MONTINIA Thunb.

3238000

caryophyllacea Thunb.

- (1) Harvey. 1862. *FC* 2: 307, 308.
 (2) Milne-Redhead. 1956. *Hooker's Icones Plantarum* 36: tt. 3541a, 3542.
 (3) Friedrich-Holzhammer. 1968. *FSWA* 54: 1.
 (4) Jordaan. 2000. In Leistner, *Strelitzia* 10: 414, 415.
 (5) Goldblatt & Manning. 2000. *Strelitzia* 9: 546.

M. acris L.f. (2)
M. frutescens Gaertn. (1, 3)Perennial. Shrub. Ht up to 1.5 m. Alt 50–2000 m. N,
B, NC, WC, EC*acris* L.f. = **M. caryophyllacea***frutescens* Gaertn. = **M. caryophyllacea**

MORACEAE

Compiled by M. Jordaan

BOSQUIEA Thouars ex Baill.

1960000

phoberos Baill. = **Trilepisium madagascariense**Perennial. Shrub or climber. Ht 0.5–5 m. Alt 5–1525
m. KZN, WC, EC**FICUS** L.

1961000

- (1) Marais. 1956. *The Flowering Plants of Africa* 31: t. 1215.
 (2) Dyer. 1959. *The Flowering Plants of Africa* 33: t. 1319.
 (3) Friedrich-Holzhammer. 1967. *FSWA* 16: 1–5.
 (4) Von Breitenbach. 1974. *Trees in South Africa* 26,3: 58–80.
 (5) Aweke. 1979. *Mededelingen van de Landbouwhogeschool Wageningen*
79-3: 1–96.
 (6) Berg *et al.* 1984. *Flore du Gabon* 26: 123–249.
 (7) Barker. 1987. *The Flowering Plants of Africa* 49: t. 1957.
 (8) Berg. 1989. *FTEA* Moraceae: 43–86.
 (9) Van Greuning. 1990. *South African Journal of Botany* 56: 599–630.
 (10) Berg. 1991. *FZ* 9,6: 39–76.
 (11) Lebrun & Stork. 1992. *Énumération des plantes à fleurs d'Afrique*
tropicale 2: 134–141.
 (12) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern*
Africa, edn 3: 132–153.

abutifolia (Miq.) Miq.*F. soldanella* Warb. (8)Perennial. Tree or shrub. Ht 1–15 m. Alt 152–1600 m.
B, LIM, NW, G, M, S, KZN*antithetophylla* Steud. = **F. capreifolia****bizanae** Hutch. & Burt Davy

Perennial. Tree. Ht 9–18 m. Alt 0–90 m. KZN, EC

bubu Warb.

Perennial. Tree. Ht 4–20 m. Alt 0–300 m. S, KZN

burkei (Miq.) Miq.*F. erici-rosenii* R.E.Fr. (12)*F. thonningii* Blume in part (12)Perennial. Tree. Ht 1–15 m. Alt 900–1800 m. N, B,
LIM, NW, G, M, S, KZN, EC**burt-davyi** Hutch.*capensis* Thunb. = **F. sur****capreifolia** Delile*F. antithetophylla* Steud. (5)*F. capreifolia* Delile var. *ovalifolia* Hutch. (11)Perennial. Shrub. Ht 1–6 m. Alt 45–1600 m. N, B,
LIM, M, S, KZN*capreifolia* Delile var. *ovalifolia* Hutch. = **F. capreifolia***chrysocerasus* Welw. ex Warb. = **F. natalensis** subsp.
natalensis**cordata** Thunb.*F. rupium* Dinter (9)*F. welwitschii* Warb. (9)Perennial. Tree. Ht 1–7 m. Alt 105–1850 m. N, B, NC,
WC*cordata* Thunb. subsp. *salicifolia* (Vahl) C.C.Berg = **F.**
salicifolia**craterostoma** Warb. ex Mildbr. & BurretPerennial. Tree or shrub. Ht 1–15 m. Alt 200–2135 m.
LIM, M, S, KZN, EC*erici-rosenii* R.E.Fr. = **F. burkei****fischeri** Warb. ex Mildbr. & Burret*F. kiloneura* Hornby (8)

Perennial. Tree. Ht 12–20 m. Alt 900–1500 m. N, B

gnaphalocarpa (Miq.) A.Rich. = **F. sycomorus** subsp.**gnaphalocarpa****glumosa** Delile*F. glumosa* Delile var. *glaberrima* Mart. (5)*F. glumosa* Delile var. *intermedia* Mart. (5)*F. glumosa* Delile var. *lanuginosa* Mart. (5)*F. glumosoides* Hutch. (10)*F. rehmanii* Warb. var. *villosa* Warb. (10)

- F. sonderi* Miq. (8)
Perennial. Tree. Ht 1–10 m. Alt 245–1850 m. N, LIM, M, S, KZN, EC
- glumosa* Delile var. *glaberrima* Mart. = **F. glumosa**
glumosa Delile var. *intermedia* Mart. = **F. glumosa**
glumosa Delile var. *lanuginosa* Mart. = **F. glumosa**
glumosoides Hutch. = **F. glumosa**
- ilicina** (Sond.) Miq.
Perennial. Tree or shrub. Ht 1–5 m. Alt 133–1450 m. N, NC
- ingens** (Miq.) Miq. var. **ingens**
F. ingens Miq. var. *tomentosa* Hutch. (6)
F. ingens Miq. var. *tristis* Warb. (9)
Perennial. Tree. Ht 1–18 m. Alt 70–1700 m. B, LIM, NW, G, M, S, KZN, EC
- ingens* Miq. var. *tomentosa* Hutch. = **F. ingens** var. **ingens**
- ingens* Miq. var. *tristis* Warb. = **F. ingens** var. **ingens**
- kilonoura* Hornby = **F. fischeri**
- lingua** De Wild. & T. Durand subsp. **depauperata** (Sim) C.C. Berg
Perennial. Tree. Ht up to 30 m. Alt 0–50 m. KZN
- lutea** Vahl
F. nekbudu Warb. (6)
F. quebeba Welw. ex Ficalho (6)
F. vogelii (Miq.) Miq. (6)
Perennial. Tree. Ht 3–20 m. Alt 15–915 m. S, KZN
- mallotocarpa* Warb. = **F. sur**
- natalensis** Hochst. subsp. **natalensis**
F. chrysocerasus Welw. ex Warb. (6)
F. natalensis Hochst. var. *latifolia* Warb. (6)
F. natalensis Hochst. var. *pedunculata* Sim (6)
Perennial. Tree. Ht 2–30 m. Alt 15–1250 m. LIM, S, KZN
- natalensis* Hochst. var. *latifolia* Warb. = **F. natalensis** subsp. **natalensis**
- natalensis* Hochst. var. *pedunculata* Sim = **F. natalensis** subsp. **natalensis**
- nekbudu* Warb. = **F. lutea**
- nigropunctata** Mildbr. & Burret
Perennial. Tree or shrub. Ht 1–7 m. Alt 0–1300 m. B
- petersii** Warb.
F. thonningii Blume in part (12)
Perennial. Tree. Ht 4–15 m. Alt 10–1350 m. LIM, M, S
- polita** Vahl subsp. **polita**
Perennial. Tree. Ht 4–15 m. Alt 15–300 m. S, KZN
- pretoriae* Burt Davy = **F. salicifolia**
- pygmaea** Welw. ex Hiern
Perennial. Shrub. Ht 0.6–1.5 m. Alt 940–1200 m. N, B
- quebeba* Welw. ex Ficalho = **F. lutea**
- rehmanii* Warb. var. *villosa* Warb. = **F. glumosa**
- rupium* Dinter = **F. cordata**
- salicifolia** Vahl
F. cordata Thunb. subsp. *salicifolia* (Vahl) C.C. Berg (12)
F. pretoriae Burt Davy (5)
Perennial. Tree. Ht 1–20 m. Alt 100–2000 m. B, LIM, NW, G, M, S, KZN
- sansibarica** Warb. subsp. **sansibarica**
Perennial. Tree. Ht 4–20 m. Alt 30–900 m. LIM, M
- smutsii* I. Verd. = **F. tettensis**
- soldanella* Warb. = **F. abutilifolia**
- sonderi* Miq. = **F. glumosa**
- stuhlmannii** Warb.
Perennial. Tree. Ht 1.5–10 m. Alt 60–1260 m. LIM, M, S, KZN
- sur** Forssk.
F. capensis Thunb. (5)
F. mallotocarpa Warb. (6)
Perennial. Tree. Ht 1–25 m. Alt 15–2300 m. B, LIM, M, S, KZN, WC, EC
- sycomorus** L. subsp. **gnaphalocarpa** (Miq.) C.C. Berg
F. gnaphalocarpa (Miq.) A. Rich. (11)
Perennial. Tree. Ht 4–20 m. Alt 6–1200 m. N, B
- sycomorus** L. subsp. **sycomorus**
Perennial. Tree. Ht 2–20 m. Alt 6–1500 m. B, LIM, M, S, KZN
- tettensis** Hutch.
F. smutsii I. Verd. (9)
Perennial. Tree. Ht 2–7 m. Alt 275–1600 m. B, LIM
- thonningii* Blume in part = **F. burkei**
- thonningii* Blume in part = **F. petersii**
- tremula** Warb. subsp. **tremula**
Perennial. Tree. Ht 4–10 m. Alt 45–60 m. S, KZN
- trichopoda** Baker
Perennial. Tree or shrub. Ht 1.5–10 m. Alt 30–300 m. S, KZN
- verruculosa** Warb.
Perennial. Shrub. Ht 1–7 m. Alt 5–1850 m. N, B, KZN
- vogelii* (Miq.) Miq. = **F. lutea**
- welwitschii* Warb. = **F. cordata**
- MACLURA** Nutt. 1918000
(1) Corner. 1962. *Gardens' Bulletin Singapore* 19: 235–240.
(2) Berg. 1989. *FTEA* Moraceae: 6–8.
(3) Berg. 1991. *FZ* 9,6: 18–21.
- africana** (Bureau) Corner
Perennial. Tree, shrub or climber. Ht 2–12 m. Alt 275–790 m. LIM, M
- MORUS** L. 1913000
(1) Nelson. 1989. *European garden flora* 3: 86, 87.
(2) Berg. 1989. *FTEA* Moraceae: 2–4.
(3) Berg. 1991. *FZ* 9,6: 14–16.
- ***alba** L. var. **alba**
M. bombycis Koidz. (1)
Perennial. Tree. Ht 1–10 m. Alt? LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- bombycis* Koidz. = **M. alba** var. **alba**
- ***japonica** Audub.
Perennial. Tree. Ht 3–6 m. Alt? M
- lactea* (Sim) Mildbr. = **M. mesozygia**
- mesozygia** Stapf ex A. Chev.
M. lactea (Sim) Mildbr. (2)
Perennial. Tree. Ht 5–35 m. Alt 30–90 m. KZN
- TRILEPISIUM** Thouars 1960020
(1) Berg *et al.* 1984. *Flore du Gabon* 26: 104–108.
(2) Berg. 1989. *FTEA* Moraceae: 17–20.
(3) Berg. 1991. *FZ* 9,6: 28–30.
- madagascariense** DC.
Bosquiea phoberos Baill. (1)
Perennial. Tree. Ht 2–25 m. Alt 730–1450 m. LIM

MORINGACEAE

Compiled by M. Jordaan

MORINGA Adans.

3128000

- (1) Friedrich-Holzhammer. 1966. *FSWA* 50: 1.
 (2) Leistner. 1970. *FSA* 13: 184–186.
 (3) Verdcourt. 1985. *Kew Bulletin* 40: 1–23.
 (4) Knees. 1995. *European garden flora* 4: 165.

oleifera in sense of Exell & Mendonça, misapplied name = **M. ovalifolia**

ovalifolia Dinter & A. Berger

M. oleifera in sense of Exell & Mendonça, misapplied name (2)
M. ovalifoliolata Dinter & A. Berger, superfluous name (2)

Perennial. Tree or shrub, succulent. Ht 2–7 m. Alt 176–1600 m. N

ovalifoliolata Dinter & A. Berger, superfluous name = **M. ovalifolia**

*MYOPORACEAE

Compiled by W.G. Welman

***MYOPORUM** G. Forst.

8112000

- (1) Richardson. 2000. *European garden flora* 6: 413.

acuminatum R.Br. = **M. tenuifolium**

tenuifolium G. Forst.

M. acuminatum R.Br. (1)

Perennial. Tree, shrub. Ht 1.5–6 m. Alt 5–100 m. N, WC, EC

SPIELMANNIA Medik.

8114000

africana (L.) Willd. = **Oftia africana**

decurrens Moench, illegitimate name = **Oftia africana**
desertorum Eckl. & Zeyh. ex Schauer, invalid name =

Oftia revoluta

jasminum Medik. = **Oftia africana**

revoluta E.Mey. = **Oftia revoluta**

MYRICACEAE

Compiled by H.F. Glen

MORELLA Lour.

1874010

- (1) Killick. 1969. *Bothalia* 10: 5–17.
 (2) Killick *et al.* 1998. *Kew Bulletin* 53: 993–995.

brevifolia (E. Mey. ex C. DC.) Killick

Myrica brevifolia E. Mey. ex C. DC. (2)

Perennial. Shrub. Ht 0.5–1 m. Alt 200–2150 m. KZN, EC

cordifolia (L.) Killick

Myrica cordifolia L. (2)

Myrica cordifolia L. var. *microphylla* A. Chev. (2)

Perennial. Shrub. Ht 0.5–3 m. Alt 0–250 m. WC, EC

diversifolia (Adamson) Killick

Myrica diversifolia Adamson (2)

Perennial. Shrub. Ht 0.5–1 m. Alt 0–750 m. WC, EC

humilis (Cham. & Schltld.) Killick

Myrica burmannii E. Mey. ex C. DC. (2)

Myrica dregeana A. Chev. (2)

Myrica glabrissima A. Chev. (2)

Myrica humilis Cham. & Schltld. (2)

Myrica myrtifolia A. Chev. (2)

Perennial. Shrub. Ht 0.5–1 m. Alt 0–1450 m. WC, EC

integra (A. Chev.) Killick

Myrica conifera Burm.f. var. *integra* A. Chev. (2)

Myrica integra (A. Chev.) Killick (2)

Myrica linearis in sense of A. Chev.; Hutch., misapplied name (2)

Perennial. Tree, shrub. Ht 2–3 m. Alt 100–1250 m. WC

kraussiana (Buchinger ex Meisn.) Killick

Myrica humilis in sense of C. DC.; Hutch.; Salter, not of Cham. & Schltld., misapplied name (2)

Myrica kraussiana Buchinger ex Meisn. (2)

Perennial. Shrub. Ht 0.2–0.6 m. Alt 100–1550 m. WC, EC

microbracteata (Weim.) Verdc. & Polhill

Myrica microbracteata Weim. (2)

Perennial. Shrub. Ht 0.6–2 m. Alt 1150–1900 m. M, KZN

pilulifera (Rendle) Killick

Myrica pilulifera Rendle (2)

Myrica pilulifera Rendle var. *puberula* Rendle (2)

Perennial. Tree, shrub. Ht 3–30 m. Alt 350–2000 m. LIM, NW, M, S, KZN, EC

quercifolia (L.) Killick

Myrica incisa A. Chev. (2)

Myrica quercifolia L. (2)

Myrica zeyheri C. DC. (2)

Perennial. Shrub. Ht 0.1–0.6 m. Alt 0–1450 m. NW, NC, WC, EC

serrata (Lam.) Killick

Myrica conifera in sense of Hutch.; Adamson, not of Burm.f., misapplied name (2)

Myrica mossii Burt Davy (2)

Myrica serrata Lam. (2)

Perennial. Tree, shrub. Ht 1–6 m. Alt 0–2150 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

MYRICA L. 1874000
brevifolia E.Mey. ex C.DC. = **Morella brevifolia**
burmannii E.Mey. ex C.DC. = **Morella humilis**
conifera Burm.f. var. *integra* A.Chev. = **Morella integra**
conifera in sense of Hutch.; Adamson, not of Burm.f.,
 misapplied name = **Morella serrata**
cordifolia L. = **Morella cordifolia**
cordifolia L. var. *microphylla* A.Chev. = **Morella cordi-**
folia
diversifolia Adamson = **Morella diversifolia**
dregeana A.Chev. = **Morella humilis**
glabrissima A.Chev. = **Morella humilis**
humilis Cham. & Schltdl. = **Morella humilis**
humilis in sense of C.DC.; Hutch.; Salter, not of Cham.
 & Schltdl., misapplied name = **Morella kraus-**
siana

incisa A.Chev. = **Morella quercifolia**
integra (A.Chev.) Killick = **Morella integra**
kraussiana Buchinger ex Meisn. = **Morella kraussiana**
linearis in sense of A.Chev.; Hutch., misapplied name =
Morella integra
microbracteata Weim. = **Morella microbracteata**
mossii Burt Davy = **Morella serrata**
myrtifolia A.Chev. = **Morella humilis**
pilulifera Rendle = **Morella pilulifera**
pilulifera Rendle var. *puberula* Rendle = **Morella pilu-**
lifera
quercifolia L. = **Morella quercifolia**
serrata Lam. = **Morella serrata**
zeyheri C.DC. = **Morella quercifolia**

MYROTHAMNACEAE

Compiled by M. Jordaan

MYROTHAMNUS Welw. 3282000

- (1) Weimarck. 1936. *Botaniska Notiser* 1936: 451–462.
- (2) Friedrich-Holzhammer. 1966. *FSWA* 51: 1.
- (3) Mendes. 1978. *FZ* 4: 69–71.
- (4) Bywater. 1984. *FTEA* Myrothamnaceae: 1–3.

(5) Glen *et al.* 1999. *Flowering Plants of Africa* 56: 62–68, t. 2151.

flabellifolius Welw.

Cliffortia flabellifolia Sond. (1)

Perennial. Shrub or dwarf shrub. Ht 0.3–0.9 m. Alt
 365–1850 m. N, B, LIM, NW, G, M, S, KZN

MYRSINACEAE

Compiled by M.A. Ngwenya & C.L. Bredenkamp

EMBELIA Burm.f. 6310000

- (1) Dyer. 1963. *FSA* 26: 3–5.
- (2) Kupicha. 1983. *FZ* 7,1: 206–210.
- (3) Halliday. 1984. *FTEA* Myrsinaceae: 11–16.

abyssinica Baker = **E. schimperi**

erythrocarpa Gilg = **E. schimperi**

guineensis Baker = **E. schimperi**

kilimandscharica Gilg = **E. schimperi**

kraussii Harv. = **E. ruminata**

pellucida (Hiern) K.Schum. = **E. schimperi**

ruminata (E.Mey. ex A.DC.) Mez

E. kraussii Harv. (1)

Myrsine ruminata E.Mey. ex A.DC. (1)

Perennial. Tree, shrub, climber. Ht 3–10.75 m. Alt 5–
 795 m. KZN, EC

schimperi Vatke

E. abyssinica Baker (2, 3)

E. erythrocarpa Gilg (3)

E. guineensis Baker (2)

E. kilimandscharica Gilg (2, 3)

E. pellucida (Hiern) K.Schum. (2, 3)

Perennial. Scandent shrub or liane. Ht 2–5 m. Alt ±
 910 m. N

MYRSINE L. 6313000

(1) Dyer. 1963. *FSA* 26: 5, 6.

(2) Killick. 1969. *The Flowering Plants of Africa* 40: t. 1564.

(3) Kupicha. 1983. *FZ* 7,1: 201–203.

(4) Halliday. 1984. *FTEA* Myrsinaceae: 6–8.

(5) Burrows. 1999. *Plantlife* 20: 25, 26.

Note: although included in southern African *Floras*, there are indica-
 tions that *M. pillansii* is merely a genetic aberration of *M.*
africana. Seeds of *M. pillansii* are sterile as only female flowers
 are produced. (5)

africana L.

Perennial. Shrub. Ht 0.4–5 m. Alt 5–2400 m. LIM,
 NW, G, M, S, FS, KZN, L, WC, EC

gerrardii Harv. & C.H.Wright = **Robsonodendron**
eucleiforme

gilliana Sond. = **Rapanea gilliana**

melanophloeos (L.) R.Br. = **Rapanea melanophloeos**

pillansii Adamson

Perennial. Tree, shrub. Ht 0.91–9.15 m. Alt 155–2135
 m. LIM, G, KZN, WC

ruminata E.Mey. ex A.DC. = **Embelia ruminata**

RAPANEA Aubl. 6314000

(1) Dyer. 1963. *FSA* 26: 6–9.

(2) Kupicha. 1983. *FZ* 7,1: 203–206.

(3) Halliday. 1984. *FTEA* Myrsinaceae: 8–11.

gilliana (Sond.) Mez*Myrsine gilliana* Sond. (1)

Perennial. Shrub. Ht 0.76–1.25 m. Alt 10–30 m. EC

melanophloeos (L.) Mez*Myrsine melanophloeos* (L.) R.Br. (1)*Sideroxylon melanophloeos* L. (1)

Perennial. Tree. Ht 1.21–20 m. Alt 5–2000 m. LIM, M, S, KZN, WC, EC

MYRTACEAE

Compiled by H.F. Glen & M. Jordaan

***CALLISTEMON** R.Br. 5602000(1) Bentham. 1866. *Flora australiensis* 3: 118–123.(2) Mitchem. 1997. *European garden flora* 5: 318–320.**rigidus** R.Br.

Perennial. Tree or shrub. Ht 1.5–2.5 m. Alt 550–750 m. EC

speciosus (Sims) DC.

Perennial. Tree. Ht 1–2 m. Alt 550–750 m. EC

***EUCALYPTUS** L'Hér. 5598000(1) Chippendale. 1988. *Flora of Australia* 19: 1–448.**camaldulensis** Dehnh.*E. rostrata* Schltld. (1)

Perennial. Tree. Ht up to 30 m. Alt 100–1500 m. FS, NC, WC

cladocalyx F.Muell.

Perennial. Tree. Ht up to 20 m. Alt 0–200 m. NC, WC

globulus Labill. subsp. **maidenii** (F.Muell.) Kirkp.*E. maidenii* F.Muell. (1)

Perennial. Tree. Ht up to 45 m. Alt 1400–1500 m. FS

gomphocephala A.DC.

Perennial. Tree. Ht up to 20 m. Alt 0–100 m. WC

grandis W.Hill ex Maiden

Perennial. Tree. Ht up to 20 m. Alt 0–200 m. EC

lehmannii (Schauer) Benth.

Perennial. Tree, mallee. Ht up to 6 m. Alt 0–450 m. WC, EC

longifolia Link & Otto

Perennial. Tree. Ht up to 15 m. Alt 800–1000 m. WC

maidenii F.Muell. = **E. globulus** subsp. **maidenii****microtheca** F.Muell.

Perennial. Tree. Ht up to 15 m. Alt 800–1000 m. NC

regnans F.Muell.

Perennial. Tree. Ht up to 20 m. Alt 200–300 m. WC

rostrata Schltld. = **E. camaldulensis****sideroxylon** A.Cunn.

Perennial. Tree. Ht up to 10 m. Alt 1300–1500 m. FS

EUGENIA L. 5578000(1) Brown. 1912. *Kew Bulletin* 1912: 276, 277.(2) Dümmer. 1912. *The Gardeners' Chronicle* 52: 127, 128, 152, 153, 179, 180, 192, 193.(3) Strey. 1972. *Bothalia* 10: 569–571.(4) White. 1977. *Kirkia* 10: 401–404.(5) White. 1978. *FZ* 4: 186–193.(6) Van Wyk. 1979. *Journal of South African Botany* 45: 273–277.(7) Van Wyk. 1982. *South African Journal of Botany* 1: 158–162.(8) Van Wyk. 1985. *Contributions towards a new classification of Eugenia L. (Myrtaceae) in southern Africa*. Unpublished D.Sc. thesis, University of Pretoria.(9) Verdcourt. 1999. *Kew Bulletin* 54: 41–62.**albanensis** Sond.

Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 15–1300 m. KZN, EC

capensis (Eckl. & Zeyh.) Sond. subsp. **capensis***E. capensis* (Eckl. & Zeyh.) Sond. var. *major* Sond. (5)

Perennial. Tree or shrub. Ht 1–6 m. Alt 5–1150 m. KZN, EC

capensis (Eckl. & Zeyh.) Sond. subsp. **gueinzii** (Sond.) F.White*E. gueinzii* Sond. (4)

Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 5–30 m. KZN, EC

capensis (Eckl. & Zeyh.) Sond. subsp. **A***E. mossambicensis* Engl., misapplied name (8)

Perennial. Dwarf shrub or shrub. Ht 0.4–2 m. Alt 300–1640 m. LIM, M, KZN

capensis (Eckl. & Zeyh.) Sond. var. *major* Sond. = **E. capensis** subsp. **capensis****erythrophylla** Strey

Perennial. Tree or shrub. Ht 1.5–6 m. Alt 300–1300 m. KZN, EC

gueinzii Sond. = **E. capensis** subsp. **gueinzii***mossambicensis* Engl., misapplied name = **E. capensis** subsp. **A****natalitia** Sond.*E. rudatisii* Engl. & Brehmer (8)

Perennial. Tree or shrub. Ht 1–20 m. Alt 15–1400 m. LIM, M, S, KZN

pusilla N.E.Br.

Perennial. Dwarf shrub. Ht 0.2–0.8 m. Alt ?–1780 m. M

rudatisii Engl. & Brehmer = **E. natalitia****simii** Dummer

Perennial. Shrub. Ht 1–3 m. Alt 0–300 m. KZN, EC

umtamvunensis A.E.van Wyk

Perennial. Tree or shrub. Ht 1–10 m. Alt 0–300 m. KZN, EC

***uniflora** L.

Perennial. Tree or shrub. Ht 1–7 m. Alt? KZN

verdoorniae A.E.van Wyk

Perennial. Tree or shrub. Ht 1–5 m. Alt 0–300 m. KZN, EC

woodii Dummer

Perennial. Tree or shrub. Ht 0.7–10 m. Alt 10–1740 m. LIM, M, S, KZN

zeyheri (Harv.) Harv.

Perennial. Tree or shrub. Ht 1–4 m. Alt 6–300 m. EC

zuluensis Dummer

- Perennial. Tree or shrub. Ht 1.5–12 m. Alt 900–1800 m. LIM, KZN, EC
- *LEPTOSPERMUM** J.R.Forst & G.Forst. 5599000
(1) Levyns. 1966. *Guide to the flora of the Cape Peninsula* edn 2: 207.
(2) Thompson. 1989. *Telopea* 3: 301–449.
- laevigatum** (Gaertn.) F.Muell.
Perennial. Tree or shrub. Ht 1.5–4.5 m. Alt 30–1400 m. M, WC, EC
- METROSIDEROS** Banks ex Gaertn. 5588000
(1) Sonder. 1862. *FC* 2: 520–523.
(2) Killick. 1971. *The Flowering Plants of Africa* 41: t. 1624.
(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 548.
- angustifolia** (L.) Sm.
Perennial. Tree or shrub. Ht 1–7 m. Alt 30–1200 m. WC
- *MYRTUS** L. 5558000
(1) Campbell. 1968. *Flora europaea* 2: 303, 304.
(2) Wann 1997. *European garden flora* 5: 306.
- communis** L. var. **communis**
Perennial. Shrub. Ht 0.5–1.2 m. Alt 300–450 m. WC
- *PSIDIUM** L. 5559000
(1) Adams 1972. *Flowering Plants of Jamaica* 518–520.
(2) White. 1978. *FZ* 4: 185, 186.
(3) Knees 1997. *European garden flora* 5: 306.
- cattleianum** Sabine
Perennial. Tree or shrub. Ht 1–8 m. Alt 0–400 m. KZN, WC, EC
- guajava** L.
Perennial. Tree or shrub. Ht up to 4 m. Alt 0–1300 m. M, KZN, WC, EC
- guineense** Sw.
Perennial. Shrub. Ht 1–2 m. Alt 0–400 m. KZN
- *SYNCARPIA** Ten. 5593000
(1) Bean. 1995. *Austrobaileya* 4: 337–344.
- glomulifera** (Sm.) Nied.
Perennial. Tree. Ht up to 10 m. Alt 0–1250 m. LIM, EC
- SYZYGIIUM** Gaertn. 5583000
(1) Burt Davy. 1912. *Annals of the Transvaal Museum* 3: 154.
(2) Engler & Brehmer. 1917. *Botanische Jahrbücher* 54: 339–341.
(3) Burt Davy. 1926. *A manual of the flowering plants and ferns of the Transvaal with Swaziland* 1: 240, 241.
(4) White. 1978. *FZ* 4: 193–204.
(5) Killick. 1991. *The Flowering Plants of Africa* 51: t. 2025.
- cordatum** Hochst. ex C.Krauss.
Perennial. Tree or shrub. Ht 3–15 m. Alt 5–2300 m. LIM, M, S, KZN, EC
- gerrardii** (Harv. ex Hook.f.) Burt Davy
Perennial. Tree or shrub. Ht 1–20 m. Alt 90–1980 m. LIM, M, S, KZN, EC
- guineense** (Willd.) DC. subsp. **barotsense** F.White
Perennial. Tree. Ht 2–12 m. Alt 0–900 m. N, B, LIM, M, KZN
- guineense** (Willd.) DC. subsp. **guineense**
Perennial. Tree or shrub. Ht 3–18 m. Alt 10–1457 m. LIM, M, S, KZN
- intermedium** Engl. & Brehmer
Perennial. Tree. Ht 4–15 m. Alt? B, LIM, KZN, EC
- legatii** Burt Davy & Greenway
Perennial. Tree or shrub. Ht 1.5–9 m. Alt 1000–1770 m. LIM, M, KZN
- pondoense** Engl.
Perennial. Shrub or tree. Ht 1–3 m. Alt 0–60 m. KZN, EC

NEURADACEAE

Compiled by H.F. Glen

- GRIELUM** L. 3391000
(1) Harvey. 1862. *FC* 2: 285–305.
(2) Adamson & Salter. 1950. *Flora of the Cape Peninsula*: 451, 452.
(3) Hutchinson. 1964. *The genera of flowering plants* 1: 186.
(4) Friedrich-Holzhammer. 1968. *FSWA* 56: 1, 2.
- cuneifolium** Schinz
Annual. Herb, prostrate. Ht up to 0.4 m. Alt 850–1500 m. B, NW, G
- flagelliforme** E.Mey. = **G. humifusum** var. **humifusum**
- grandiflorum** (L.) Druce
G. tenuifolium L. (2)
Annual. Herb, prostrate. Ht up to 0.2 m. Alt 0–300 m. NC, WC, EC
- humifusum** Thunb. var. **humifusum**
G. flagelliforme E.Mey. (1)
Annual. Herb, prostrate. Ht up to 0.1 m. Alt 0–1500 m. N, B, NC, WC
- humifusum** Thunb. var. **parviflorum** Harv.
- Annual. Herb, prostrate. Ht up to 0.1 m. Alt 0–1350 m. N, NC, WC
- marlothii** Engl. = **G. sinuatum**
- obtusifolium** E.Mey. ex Harv. = **G. sinuatum**
- sinuatum** Licht. ex Burch.
G. marlothii Engl. (4)
G. obtusifolium E.Mey. ex Harv. (4)
Annual. Herb, prostrate. Ht up to 0.2 m. Alt 0–1350 m. N, NC, WC
- tenuifolium** L. = **G. grandiflorum**
- NEURADA** L. 3390000
austroafricana Schinz = **Neuradopsis austro-africana**
- NEURADOPSIS** Bremek. & Oberm. 3390010
(1) Bremekamp & Obermeyer. 1935. *Annals of the Transvaal Museum* 16: 399–442.
(2) Hutchinson. 1964. *The genera of flowering plants* 1: 186.

(3) Friedrich-Holzhammer. 1968. *FSWA* 56: 2.(4) Mendes. 1978. *FZ* 4: 8–10.**austro-africana** (Schinz) Bremek. & Oberm.*Neurada austroafricana* Schinz (1)

Annual. Herb, prostrate. Ht up to 0.3 m. Alt 750–1500 m. N, B, NC

bechuanensis Bremek. & Schweick.*grieloidea* Bremek. & Oberm. (4)

Annual. Herb, prostrate. Ht up to 0.4 m. Alt 750–1200 m. N, B, NC

grieloidea Bremek. & Oberm. = **N. bechuanensis**

NYCTAGINACEAE

Compiled by A.M. Makwarela

AMPHORANTHUS Moore 2351010*spinus* S.Moore = **Phaeoptilum spinosum****BOERHAVIA** L. 2349000(1) Codd. 1966. *Bothalia* 9: 113–121.(2) Merxmüller. 1969. *FSWA* 25: 1–4.(3) Stirton. 1982. *Bothalia* 14,1: 79, 80.(4) Stannard. 1988. *FZ* 9,1: 20–25.(5) Whitehouse. 1996. *FTEA* Nyctaginaceae: 2–8.*adscendens* Willd. = **B. diffusa** var. **diffusa***bracteata* T.Cooke = **B. coccinea** var. **coccinea****coccinea** Mill. var. **coccinea***B. bracteata* T.Cooke (4)*B. diffusa* L. var. *hirsuta* Heimerl (4)*B. diffusa* L. var. *viscosa* (Lag. & Rodr.) Heimerl (4)*B. marlothii* Heimerl (4)

Annual or perennial. Herb. Ht 0.3–2 m. Alt 155–2000 m. N, B, LIM, G, M, S, KZN, NC, EC

***cordobensis** Kuntze

Annual. Herb. Ht up to 0.4 m. Alt 310–1340 m. FS, NC, WC, EC

deserticola Codd

Perennial. Decumbent herb. Length 0.4–0.8 m. Alt? N

diffusa** L. var. **diffusaB. adscendens* Willd. (1)

Perennial or annual. Herb. Ht up to 1 m. Alt 5–1370 m. N, B, LIM, G, M, S, KZN, NC, WC

diffusa L. var. *hirsuta* Heimerl = **B. coccinea** var. **coccinea***diffusa* L. var. *minor* (Delile) Cufod. = **B. repens** subsp. **repens***diffusa* L. var. *viscosa* (Lag. & Rodr.) Heimerl = **B. coccinea** var. **coccinea*****erecta** L.

Annual. Herb. Ht up to 1 m. Alt 650–1250 m. N, B, LIM, G, M, FS, KZN, NC, WC, EC

hereroensis Heimerl

Perennial. Herb. Ht 0.3–0.4 m. Alt 500–1700 m. N, NC

marlothii Heimerl = **B. coccinea** var. **coccinea***pentandra* Burch. = **Commicarpus pentandrus****repens** L. subsp. **repens***B. diffusa* L. var. *minor* (Delile) Cufod. (1)

Annual or perennial. Prostrate herb. Length? Alt 640–1370 m. N, LIM, NC

COMMICARPUS Standl. 2347010(1) Merxmüller. 1969. *FSWA* 25: 4, 5.(2) Meikle. 1978. *Notes from the Royal Botanic Garden Edinburgh* 36,2: 235–249.(3) Meikle. 1979. *Kew Bulletin* 34: 341–343.(4) Stannard. 1988. *FZ* 9,1: 15–20.(5) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 118.(6) Whitehouse. 1996. *FTEA* Nyctaginaceae: 8–15.*africanus* of authors, not of (Lour.) Dandy, concept invalid = **C. plumbagineus** var. **plumbagineus****chinensis** (L.) Heimerl subsp. **natalensis** Meikle

Perennial. Climber or prostrate herb. Length? Alt 10–150 m. KZN

decipiens Meikle

Perennial. Climber, herb. Ht up to 2 m. Alt? N, LIM

fallacissimus (Heimerl) Heimerl ex Oberm., Schweick. & I. Verd.*C. fallacissimus* (Heimerl) Pohnert (1)

Perennial. Herb. Ht 0.2–1.5 m. Alt 152–1460 m. N, B

fallacissimus (Heimerl) Pohnert = **C. fallacissimus****fruticosus** Pohnert

Perennial. Dwarf shrub. Ht 0.5–1 m. Alt? N

helenae (Roem. & Schult.) Meikle var. **helenae**

Perennial. Scrambler or prostrate herb. Ht 1–1.5 m. Alt 200–1100 m. B, LIM

pentandrus (Burch.) Heimerl*Boerhavia pentandra* Burch. (4)

Perennial. Prostrate, scrambler or ascending herb. Ht up to 2 m. Alt 5–1525 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

pilosus (Heimerl) Meikle

Perennial. Procumbent herb. Ht up to 0.7 m. Alt 200–1350 m. N, B, LIM, NW, M

plumbagineus (Cav.) Standl. var. **plumbagineus***C. africanus* of authors, not of (Lour.) Dandy, concept invalid (4)

Perennial. Procumbent or scrambler, herb. Ht 4–10 m. Alt 50–1420 m. N, B, LIM, G, M, S, FS, KZN

squarrosus (Heimerl) Standl.

Perennial. Suffrutex. Ht up to 1 m. Alt ?–1200 m. N

***MIRABILIS** L. 2347000(1) Cooke. 1910. *FC* 5: 393.(2) Stannard. 1988. *FZ* 9,1: 13, 14.**jalapa** L.

Perennial. Herb. Ht 0.5–1.5 m. Alt 650–1590 m. NW, G, FS, EC

viscosa Cav.*Oxybaphus viscosus* (Cav.) L'Hér. (1)

Perennial. Herb. Ht 0.2–0.7 m. Alt? N

NACHTIGALIA Schinz 2351020

protectoratus Schinz ex Engl. = **Phaeoptilum spinosum**

OXYBAPHUS Vahl 2347020

viscosus (Cav.) L'Hér. = **Mirabilis viscosa**

PHAEOPTILUM Radlk. 2351000

(1) Merxmüller. 1969. *FSWA* 25: 6, 7.

(2) Stannard. 1988. *FZ* 9,1: 28.

heimerli Engl. = **P. spinosum**

spinosum Radlk.

Amphoranthus spinosus S.Moore (1)

Nachtigalia protectoratus Schinz ex Engl. (1)

P. heimerli Engl. (1)

Perennial. Shrub. Ht 1–4 m. Alt 400–1675 m. N, B, LIM, FS, NC

PISONIA L. 2354000

(1) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 160.

(2) Stannard. 1988. *FZ* 9,1: 25, 26.

(3) Whitehouse. 1996. *FTEA* Nyctaginaceae: 17–19.

aculeata L.

Perennial. Shrub, climber. Ht 2–20 m. Alt 6–165 m. KZN

NYMPHAEACEAE

Compiled by R.P. Glen & C.D.K. Cook

NYMPHAEA L. 2513000

(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 29.

(2) Mendonça. 1961. *FZ* 1,1: 175–180.

(3) Obermeyer. 1969. *The Flowering Plants of Africa* 39: t. 1541.

(4) Mendonça. 1973. *Flora de Moçambique* 8: 1–5.

(5) Landon. 1984. *Phytologia* 55: 109–111.

(6) Verdcourt. 1989. *FTEA* Nymphaeaceae: 3–11.

Note: Borsch & Wiersma are currently working on a long-term global investigation of the genus *Nymphaea*. Borsch states: 'While Verdcourt's treatment of the East African *Nymphaea* is the most comprehensive one available at this time, it is based entirely on herbarium study of these plants. Such studies cannot adequately address the effects of hybridization, resulting in largely sterile intermediate plants that blur the distinctions between species if they are not recognised as such. Based on field experience studying *Nymphaea* in North and South America and Australia, I cannot accept Verdcourt's grouping of such diverse taxa as *N. caerulea*, *N. capensis* (its nomenclature problems aside), and *N. petersiana* under the largely Asiatic *N. nouchali*. I have mostly reverted to the earlier treatment of Conard in accepting these and others at species rank' (pers. comm.). Refer to http://www.victoria-adventure.org/waterlilies/family_tree.html for their proposed preliminary classification.

caerulea Savigny = **N. nouchali** var. **caerulea**

calliantha Conard = **N. nouchali** var. **caerulea**

capensis Thunb. var. *alba* K.C.Landon = **N. nouchali** var. **caerulea**

capensis Thunb. var. *capensis* = **N. nouchali** var. **caerulea**

capensis Thunb. var. *zanzibarensis* (Casp.) Conard = **N. nouchali** var. **zanzibariensis**

colorata Peter = **N. nouchali** var. **zanzibariensis**

lotus L.

Perennial, occ. annual. Herb, hydrophyte: epihydate.

Ht depending on depth of water. Alt 550–1500 m. B, LIM, G, M, S, KZN

***mexicana** Zucc.

Perennial, occ. annual. Herb, hydrophyte: epihydate.

Ht depending on depth of water. Alt ± 1500 m. G, FS

mildbraedii Gilg = **N. nouchali** var. **caerulea**

nelsonii Burt Davy = **N. nouchali** var. **caerulea**

nouchali Burm.f. var. **caerulea** (Savigny) Verdc.

N. caerulea Savigny (6)

N. calliantha Conard (6)

N. capensis Thunb. var. *alba* K.C.Landon (6)

N. capensis Thunb. var. *capensis* (6)

N. mildbraedii Gilg (6)

N. nelsonii Burt Davy (7)

N. stellata in sense of Harv., not of Willd. in strict sense, misapplied name (6)

N. stellata in sense of Oliv. in part, not of Willd. in strict sense, misapplied name (6)

Perennial, occ. annual. Herb, hydrophyte: epihydate.

Ht depending on depth of water. Alt 10–1650 m. N, B, LIM, NW, G, M, S, FS, KZN, EC

nouchali Burm.f. var. **ovalifolia** (Conard) Verdc.

N. stellata in sense of F.Hoffm., not of Willd. in strict sense, misapplied name (6)

N. vernayi Bremek. & Oberm. (6)

Perennial, occ. annual. Herb, hydrophyte: epihydate.

Ht depending on depth of water. Alt ± 900 m. B

nouchali Burm.f. var. **petersiana** (Klotzsch) Verdc.

N. petersiana Klotzsch (6)

N. stellata in sense of Oliv. in part, not of Willd. in strict sense, misapplied name (6)

Perennial, occ. annual. Herb, hydrophyte: epihydate.

Ht depending on depth of water. Alt ± 900 m. B

nouchali Burm.f. var. **zanzibariensis** (Casp.) Verdc.

N. capensis Thunb. var. *zanzibariensis* (Casp.) Conard (6)

N. colorata Peter (6)

N. stellata Willd. var. *zanzibariensis* (Casp.) Hook.f. (6)

Perennial, occ. annual. Herb, hydrophyte: epihydate.

Ht depending on depth of water. Alt 10–1400 m. N, B, LIM, NW, G, M, S, KZN, WC, EC

petersiana Klotzsch = **N. nouchali** var. **petersiana**

stellata in sense of F.Hoffm., not of Willd. in strict sense, misapplied name = **N. nouchali** var. **ovalifolia**

stellata in sense of Harv., not of Willd. in strict sense, misapplied name = **N. nouchali** var. **caerulea**

stellata in sense of Oliv. in part, not of Willd. in strict sense, misapplied name = **N. nouchali** var. **caerulea**

stellata in sense of Oliv. in part, not of Willd. in strict sense, misapplied name = **N. nouchali** var. **petersiana**

stellata Willd. var. *zanzibariensis* (Casp.) Hook.f. = **N. nouchali** var. **zanzibariensis**

vernayi Bremek. & Oberm. = **N. nouchali** var. **ovalifolia**

OCHNACEAE

Compiled by R.H. Archer

BRACKENRIDGEA A.Gray 5114000

(1) Du Toit & Obermeyer. 1976. *FSA* 22: 12, 13.

arenaria (De Wild. & T.Durand) N.Robson

Ochna arenaria De Wild. & T.Durand (1)

Perennial. Dwarf shrub. Ht 0.3–1(–1.5) m. Alt 850–1100 m. N

zanguebarica Oliv.

Perennial. Tree. Ht 1.5–3 m. Alt 600–750 m. LIM

OCHNA L. 5112000

(1) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 70.

(2) Verdoorn. 1952. *The Flowering Plants of Africa* 29: t. 1139.

(3) Van der Watt. 1962. *The Flowering Plants of Africa* 35: t. 1392.

(4) Du Toit & Obermeyer. 1976. *FSA* 22: 1–12.

arborea Burch. ex DC. var. arborea

Perennial. Tree, shrub. Ht 1–12 m. Alt 20–1525 m. LIM, M, S, KZN, WC, EC

arborea Burch. ex DC. var. oconnorii (E.Phillips) Du Toit

O. oconnorii E.Phillips (4)

Perennial. Tree, shrub. Ht 1.5–12 m. Alt 850–1640 m. LIM, M, S, KZN, EC

arenaria De Wild. & T.Durand = Brackenridgea arenaria

atropurpurea DC. var. angustifolia E.Phillips = O. gamostigmata

atropurpurea DC. var. natalitia (Meisn.) Harv. = O. natalitia

atropurpurea in sense of Harv., not of DC., misapplied name = **O. serrulata**

barbosae N.Robson

Perennial. Tree, shrub. Ht 2.5–8 m. Alt 10–250 m. KZN

chilversii E.Phillips = O. natalitia

cinnabarina Engl. & Gilg

Perennial. Shrub. Ht 0.3–1.75 m. Alt 850–1150 m. N, B

confusa Burt Davy & Greenway

Perennial. Tree, shrub. Ht 0.5–2 m. Alt 840–1525 m. LIM, M

fuscescens Heine = O. pulchra

gamostigmata Du Toit

O. atropurpurea DC. var. *angustifolia* E.Phillips (4)

Perennial. Tree, shrub. Ht 0.3–8 m. Alt 400–1525 m. M, S, KZN

glauca I.Verd.

Perennial. Tree, shrub. Ht 1–2.5 m. Alt? B, LIM, NW

holstii Engl.

Perennial. Tree. Ht 0.5–12 m. Alt 100–1650 m. LIM, M, S, KZN, EC

inermis (Forssk.) Schweinf.

Perennial. Tree, shrub. Ht 0.1–3 m. Alt 215–1220 m. B, LIM, NW, M

natalitia (Meisn.) Walp.

O. atropurpurea DC. var. *natalitia* (Meisn.) Harv. (4)

O. chilversii E.Phillips (4)

Perennial. Tree, shrub. Ht 0.15–10 m. Alt 5–1524 m. LIM, NW, G, M, S, KZN, EC

oconnorii E.Phillips = O. arborea var. oconnorii

pretoriensis E.Phillips

Perennial. Tree, shrub. Ht 0.1–4 m. Alt 500–1520 m. LIM, NW, G, M

pulchra Hook.f.

O. fuscescens Heine (4)

O. rehmannii Szyszyl. (4)

Perennial. Tree, shrub. Ht 0.3–9 m. Alt 450–1615 m. N, B, LIM, NW, G, M

rehmannii Szyszyl. = O. pulchra

serrulata (Hochst.) Walp.

O. atropurpurea in sense of Harv., not of DC., misapplied name (4)

Perennial. Tree, shrub. Ht 0.3–6 m. Alt 15–1890 m. LIM, M, S, KZN, L, WC, EC

OLACACEAE

Compiled by M. Jordaan

OLAX L. 2131000

(1) García. 1963. *FZ* 2: 331–334.

(2) Lucas. 1968. *FTEA* Olacaceae: 6–9.

(3) García & Vidigal. 1979. *Flora de Moçambique* 44: 5–8.

dissitiflora Oliv.

Perennial. Tree or shrub. Ht 5–12 m. Alt 40–1280 m. N, B, LIM, M, S, KZN

XIMENIA L. 2136000

(1) Schweickerdt. 1937. *Bothalia* 3: 179–182.

(2) Verdoorn. 1950. *The Flowering Plants of Africa* 28: t. 1081.

(3) García. 1963. *FZ* 2: 328–331.

(4) De Filippis. 1969. *Boletim da Sociedade Broteriana* 43: 193–200.

(5) García & Vidigal. 1979. *Flora de Moçambique* 44: 1–5.

americana L. var. americana

Perennial. Tree or shrub. Ht 1–5 m. Alt 30–1646 m. N, B

americana L. var. microphylla Welw. ex Oliv.

X. rogersii Burt Davy (1)

Perennial. Tree or shrub. Ht 1–5 m. Alt 300–1980 m. B, LIM, NW, G, M, S, KZN

caffra Sond. var. caffra

Perennial. Tree or shrub. Ht 1–7 m. Alt 152–1675 m. N, B, LIM, NW, G, M, S

caffra Sond. var. natalensis Sond.

Perennial. Tree or shrub. Ht 1–6 m. Alt 35–2895 m. LIM, M, S, KZN

rogersii Burt Davy = X. americana var. microphylla

OLEACEAE

Compiled by M. Jordaan

- CHIONANTHUS L.** 6428000
 (1) Stearn. 1980. *Botanical Journal of the Linnean Society* 80: 191–206.
 (2) Kupicha. 1983. *FZ* 7,1: 320–323.
- battiscombei** (Hutch.) Stearn
Linociera battiscombei Hutch. (1)
 Perennial. Tree. Ht 2.5–8 m. Alt 100–1525 m. LIM, KZN
- foveolatus** (E.Mey.) Stearn subsp. **foveolatus**
Linociera foveolata (E.Mey.) Knobl. (1)
Olea foveolata E.Mey. (1)
 Perennial. Tree. Ht 3–10 m. Alt 150–1830 m. LIM, M, S, KZN, EC
- foveolatus** (E.Mey.) Stearn subsp. **major** (I.Verd.) Stearn
Linociera foveolata (E.Mey.) Knobl. subsp. *major* I.Verd. (1)
 Perennial. Tree. Ht 3–30 m. Alt 869–1675 m. LIM, M, S
- foveolatus** (E.Mey.) Stearn subsp. **tomentellus** (I.Verd.) Stearn
Linociera foveolata (E.Mey.) Knobl. subsp. *tomentella* I.Verd. (1)
 Perennial. Tree. Ht 2–10 m. Alt 4–425 m. KZN, WC, EC
- peglerae** (C.H.Wright) Stearn
Linociera peglerae (C.H.Wright) Gilg & G.Schellenb. (1)
Olea peglerae C.H.Wright (1)
 Perennial. Tree. Ht 4–18 m. Alt 15–1525 m. KZN, EC
- *FRAXINUS** Tourn. ex L. 6420000
 (1) Tutin. 1972. *Flora europaea* 3: 54.
 (2) Green. 1997. *European garden flora* 5: 584–588.
- *angustifolia** Vahl
 Perennial. Tree. Ht 6–25 m. Alt 50–900 m. WC
- JASMINUM L.** 6440000
 (1) Verdoorn. 1958. *The Flowering Plants of Africa* 32: t. 1272.
 (2) Verdoorn. 1963. *FSA* 26: 103–112.
 (3) Kupicha. 1983. *FZ* 7,1: 305–318.
 (4) Green. 1986. *Kew Bulletin* 41: 413–419.
- abyssinicum** Hochst. ex DC.
 Perennial. Shrub or climber. Ht 0.5–2.5 m. Alt 15–1980 m. LIM, M, KZN
- angulare** Vahl
 Perennial. Shrub or climber. Ht 0.2–10 m. Alt 15–1293 m. M, KZN, EC
- breviflorum** Harv. ex C.H.Wright
 Perennial. Shrub or climber. Ht 0.2–4 m. Alt 155–1400 m. LIM, NW, G, M, KZN, EC
- fluminense** Vell. subsp. **fluminense**
 Perennial. Shrub or climber. Ht 0.6–9 m. Alt 25–1675 m. B, LIM, M, S, KZN
- glaucum** (L.f.) Aiton
 Perennial. Dwarf shrub or shrub. Ht 0.6–2.4 m. Alt 30–655 m. NC, WC
- multipartitum** Hochst.
 Perennial. Dwarf shrub or climber. Ht 0.3–6 m. Alt 7–1563 m. LIM, M, S, KZN, EC
- quinatum** Schinz
J. tortuosum in sense of Harv. ex C.H.Wright, misapplied name (2)
- Perennial. Dwarf shrub or climber. Ht 0.15–0.4 m. Alt 400–1830 m. LIM, G, M
- stenolobum** Rolfe
 Perennial. Shrub, dwarf shrub or climber. Ht 0.3–3 m. Alt 80–1220 m. B, LIM, NW, G, M, S, KZN
- streptopus** E.Mey. var. **streptopus**
 Perennial. Dwarf shrub or climber. Ht 1.5–1.8 m. Alt 15–1370 m. KZN
- streptopus** E.Mey. var. **transvaalensis** (S.Moore) I.Verd.
 Perennial. Dwarf shrub or climber. Ht 0.5–2 m. Alt 700–1300 m. LIM, M, S, KZN, EC
- tortuosum* in sense of Harv. ex C.H.Wright, misapplied name = **J. quinatum**
- tortuosum** Willd.
 Perennial. Climber. Ht 0.5–7 m. Alt 300–530 m. WC
- *LIGUSTRUM L.** 6436000
 (1) Ohwi. 1965. *Flora of Japan*: 729, 730.
 (2) Franco. 1972. *Flora europaea* 3: 54, 55.
 (3) Green. 1995. *Kew Bulletin* 50: 379–386.
 (4) Green. 1997. *European garden flora* 5: 578–580.
- japonicum** Thunb.
 Perennial. Shrub. Ht 1–3 m. Alt ?–1430 m. G, M, FS, KZN, L, EC
- ovalifolium** Hassk.
 Perennial. Shrub or tree. Ht 2–5 m. Alt ?–1185 m. KZN
- sinense** Lour.
 Perennial. Shrub or tree. Ht 2–4 m. Alt ?–1700 m. G, M
- LINOCIERA** Swartz 6428010
battiscombei Hutch. = **Chionanthus battiscombei**
foveolata (E.Mey.) Knobl. = **Chionanthus foveolata** subsp. **foveolata**
foveolata (E.Mey.) Knobl. subsp. *major* I.Verd. = **Chionanthus foveolata** subsp. **major**
foveolata (E.Mey.) Knobl. subsp. *tomentella* I.Verd. = **Chionanthus foveolata** subsp. **tomentellus**
peglerae (C.H.Wright) Gilg & G.Schellenb. = **Chionanthus peglerae**
- MENODORA** Humb. & Bonpl. 6438000
 (1) Verdoorn. 1955. *The Flowering Plants of Africa* 30: t. 1187.
 (2) Verdoorn. 1963. *FSA* 26: 125–128.
 (3) Kupicha. 1983. *FZ* 7,1: 318–320.
- africana** Hook.
 Perennial. Dwarf shrub or herb. Ht 0.02–0.25 m. Alt 610–1600 m. B, LIM, NW, G, M, FS, KZN, NC
- heterophylla** Moric. ex DC. var. **australis** Steyererm.
 Perennial. Dwarf shrub or herb. Ht 0.07–0.25 m. Alt 1000–1500 m. B, NW
- juncea** Harv.
 Perennial. Shrublet or dwarf shrub. Ht 0.25–2 m. Alt 90–1067 m. NC, WC

OLEA L. 6434000

- (1) Verdoorn. 1963. *FSA* 26: 112–119.
 (2) Green & Kupicha. 1979. *Kew Bulletin* 34: 69–75.
 (3) Kupicha. 1983. *FZ* 7,1: 323–327.
 (4) Dyer. 1991. *A biosystematic study of the African species of Olea L. (Oleaceae)*. Ph.D thesis, University of the Witwatersrand, Johannesburg.
 (5) Herman & Condy. *Flowering Plants of Africa* 55: 92–95, t. 2137.
 Note: the broad species concept of *Olea europaea* by Green (2002, in *Kew Bulletin* 57: 91–140) is not followed here.

africana Mill. = **O. europaea** subsp. **africana**

capensis L. subsp. **capensis**

O. enervis Harv. ex C.H.Wright in part (1)

Perennial. Tree or shrub. Ht 2–10 m. Alt 5–1525 m.
KZN, WC, EC

capensis L. subsp. **enervis** (Harv. ex C.H.Wright) I. Verd.

O. enervis Harv. ex C.H.Wright in part (1)

Perennial. Shrub. Ht 0.5–3 m. Alt 30–1700 m. LIM, NW, M, S, KZN, EC

capensis L. subsp. **macrocarpa** (C.H.Wright) I. Verd.

O. macrocarpa C.H.Wright (1)

Perennial. Tree. Ht 3–30 m. Alt 30–2075 m. LIM, M, S, KZN, WC, EC

enervis Harv. ex C.H.Wright in part = **O. capensis** subsp. **capensis**

enervis Harv. ex C.H.Wright in part = **O. capensis** subsp. **enervis**

europaea L. subsp. **africana** (Mill.) P.S.Green

O. africana Mill. (2)

O. europaea L. subsp. *cuspidata* (Wall. ex G.Don) Cif. (4, 5)

Perennial. Tree or shrub. Ht 2–14 m. Alt 5–2479 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

europaea L. subsp. *cuspidata* (Wall. ex G.Don) Cif. =

O. europaea subsp. **africana****exasperata** Jacq.

Perennial. Tree or shrub. Ht 2–7 m. Alt 50–460 m.
WC, EC

foveolata E.Mey. = **Chionanthus foveolatus** subsp. **foveolatus**

macrocarpa C.H.Wright = **O. capensis** subsp. **macrocarpa**

peglerae C.H.Wright = **Chionanthus peglerae**

woodiana Knobl.

Perennial. Tree or shrub. Ht 2–20 m. Alt 5–1850 m.
LIM, M, S, KZN, EC

SCHREBERA Roxb. 6422000

(1) Verdoorn. 1956. *The Flowering Plants of Africa* 31: t. 1228.

(2) Kupicha. 1983. *FZ* 7,1: 301–305.

alata (Hochst.) Welw.

S. argyrotricha Gilg (2)

Perennial. Tree or shrub. Ht 4–15 m. Alt 30–1980 m.
LIM, M, S, KZN, EC

argyrotricha Gilg = **S. alata**

schinoides Thunb. = **Cassine schinoides**

trichoclada Welw.

Perennial. Tree or shrub. Ht 2–10 m. Alt 30–975 m. N, B

OLINIACEAE

Compiled by R.H. Archer

OLINIA Thunb. 5428000

- (1) Hofmeyr & Phillips. 1921. *Bothalia* 1: 97–104.
 (2) Codd. 1957. *The Flowering Plants of Africa* 32: t. 1260.
 (3) Cufodontis. 1960. *Österreichechen Botanischen Zeitschrift*. 107: 106–112.
 (4) Verdcourt. 1975. *FTEA* Oliniaceae: 1–4.
 (5) Sebola & Balkwill. 1999. *South African Journal of Botany* 65: 97–103.

acuminata Klotzsch = **O. capensis**

capensis (Jacq.) Klotzsch

O. acuminata Klotzsch (5)

Perennial. Tree. Ht 1–15 m. Alt 90–1500 m. WC, EC

cymosa (L.) Thunb. = **O. ventosa**

emarginata Burt Davy

Perennial. Tree. Ht 1–18 m. Alt 90–2200 m. LIM, G, M, FS, KZN, EC

micrantha Decne.

Perennial. Tree. Ht 1–15 m. Alt 90–1500 m. EC

radiata Hofmeyr & E. Phillips

Perennial. Tree. Ht 3–25 m. Alt 300–1220 m. KZN, EC

rochetiana Juss.

O. usambarensis Gilg (4)

Perennial. Tree, shrub. Ht 1.2–8 m. Alt 410–2180 m.
LIM, M

usambarensis Gilg = **O. rochetiana**

ventosa (L.) Cufod.

O. cymosa (L.) Thunb. (1)

Perennial. Tree, shrub. Ht 2–20 m. Alt 15–915 m. WC, EC

ONAGRACEAE

Compiled by C.L. Bredenkamp

EPILOBIUM L. 5795000

- (1) Sonder. 1862. *FC* 2: 507–513.
 (2) Compton. 1967. *Journal of South African Botany* 33: 297.
 (3) Raven. 1978. *FZ* 4: 343–346.
 (4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 113.

(5) Goldblatt & Raven. 1997. *Bothalia* 27: 153–155.

biforme Hausskn. = **E. capense**

capense Buchinger ex Hochst.

E. biforme Hausskn. (5)

E. flavescens E.Mey. ex Harv. (3)

E. jonathum Hausskn. (5)

E. karsteniae Compton (5)
Perennial. Herb. Ht 0.21–1.21 m. Alt 900–2762 m.
LIM, NW, G, M, S, FS, KZN, L, WC, EC

flavescens E.Mey. ex Harv. = **E. capense**

hirsutum L.

Perennial. Herb. Ht 0.22–2.74 m. Alt 5–2600 m. NW,
G, M, S, FS, KZN, L, WC, EC

jonathum Hausskn. = **E. capense**

karsteniae Compton = **E. capense**

mundtii Hausskn. = **E. salignum**

natalense Hausskn. = **E. salignum**

neriophyllum Hausskn. = **E. salignum**

salignum Hausskn.

E. mundtii Hausskn. (5)

E. natalense Hausskn. (5)

E. neriophyllum Hausskn. (5)

E. schinzii Hausskn. (5)

Perennial. Herb. Ht 0.2–1.6 m. Alt 500–3000 m. LIM,
NW, G, M, S, FS, KZN, L, EC

schinzii Hausskn. = **E. salignum**

tetragonum L. subsp. **tetragonum**

Perennial. Herb. Ht 0.1–1 m. Alt 75–2835 m. G, M,
FS, KZN, L, NC, WC, EC

***GAURA** L. 5819000

(1) Munz. 1965. *North American Flora* ser. 2,5: 182–196.

(2) Goldblatt & Raven. 1997. *Bothalia* 27: 156, 157.

lindheimeri Engelm. & A.Gray

Perennial. Herb. Ht up to 1 m. Alt up to 535 m. G, EC

sinuata Nutt. ex Ser.

Perennial. Herb, aggressively rhizomatous. Ht up to
0.6 m. Alt ± 155 m. EC

LUDWIGIA L. 5793000

(1) Torrey & Gray. 1840. *Flora of North America* 1: 493.

(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique
tropicale* 1: 113, 114.

(3) Goldblatt & Raven. 1997. *Bothalia* 27: 149–153.

abyssinica A.Rich.

Annual, occ. perennial. Herb, hydrophyte. Ht 0.6–2 m.
Alt 550–1005 m. N, B, KZN, NC

adscendens (L.) Hara subsp. **diffusa** (Forssk.) P.H.Raven
L. stolonifera (Guill. & Perr.) P.H.Raven (3)

Annual. Herb, hydrophyte. Ht 0.5–1 m. Alt 0–1100 m.
N, B, LIM, NW, G, M, S, FS, KZN, EC

erecta (L.) Hara

Annual. Herb, hydrophyte. Ht 0.03–3 m. Alt 0–1100
m. B

leptocarpa (Nutt.) Hara

Perennial. Herb, hydrophyte. Ht 0.91–3 m. Alt 5–1370
m. N, B, KZN

octovalvis (Jacq.) P.H.Raven

L. octovalvis (Jacq.) P.H.Raven subsp. *brevisepala* (Brenan)
P.H.Raven (3)

L. octovalvis (Jacq.) P.H.Raven subsp. *sessiliflora* (Micheli)
P.H.Raven (3)

Annual, occ. perennial. Herb, hydrophyte. Ht 0.04–4
m. Alt 2–1095 m. N, B, LIM, NW, M, S, KZN,
EC

octovalvis (Jacq.) P.H.Raven subsp. *brevisepala* (Brenan)
P.H.Raven = **L. octovalvis**

octovalvis (Jacq.) P.H.Raven subsp. *sessiliflora* (Micheli)
P.H.Raven = **L. octovalvis**

palustris (L.) Elliott

Annual. Herb, hydrophyte. Ht up to 0.5 m. Alt 30–
1525 m. N, LIM, NW, G, KZN, L, WC, EC

perennis L.

Annual. Herb, hydrophyte. Ht up to 1 m. Alt 0–1200
m. S

***polycarpa** Short & R.Peter ex Torr. & A.Gray

Perennial. Herb, hydrophyte. Ht up to 0.9 m. Alt up to
732 m. LIM, S

pulvinaris Gilg = **L. senegalensis**

senegalensis (DC.) Troch.

L. pulvinaris Gilg (3)

Annual. Herb. Ht 0.05–0.35 m. Alt 0–1100 m. N

stolonifera (Guill. & Perr.) P.H.Raven = **L. adscendens**
subsp. **diffusa**

***OENOTHERA** L. 5804000

(1) Munz. 1965. *North American Flora* ser. 2,5: 120, 121.

(2) Dietrich. 1977. *Annals of the Missouri Botanical Garden* 64: 425–626.

(3) Raven. 1978. *FZ* 4: 330–332.

(4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique
tropicale* 1: 114.

(5) Goldblatt & Raven. 1997. *Bothalia* 27: 157–165.

affinis Cambess.

Annual. Herb. Ht 0.4–1.5 m. Alt up to 2500 m. LIM,
NW, G, M, FS, L, WC

biennis L.

Biennial. Herb. Ht 0.5–2 m. Alt up to 1548 m. NW, G,
M, FS, KZN, L, NC

drummondii Hook. subsp. **drummondii**

Perennial. Herb. Ht 0.2–0.6 m. Alt? M, S, KZN, WC

erythrosepala (Borbás) Borbás = **O. glazioviana**

glazioviana Micheli

O. erythrosepala (Borbás) Borbás (5)

O. grandiflora in sense of Munz (1974), not of L'Hér. ex Aiton
(1789) (2)

Biennial, short-lived perennial. Herb. Ht 0.8–1.2 m.
Alt 0–2000 m. LIM, NW, G, S, FS, KZN, L,
WC, EC

grandiflora Aiton

Biennial. Herb. Ht 0.1–1.2 m. Alt? KZN, EC

grandiflora in sense of Munz (1974), not of L'Hér. ex
Aiton (1789) = **O. glazioviana**

indecora Cambess. subsp. *bonariensis* W.Dietr. = **O.**
indecora subsp. **indecora**

indecora Cambess. subsp. **indecora**

O. indecora Cambess. subsp. *bonariensis* W.Dietr. (5)

Annual. Herb. Ht 0.2–0.91 m. Alt 5–2200 m. N, LIM,
NW, G, M, FS, KZN, L, NC, WC, EC

jamesii Torr. & A.Gray

Annual. Herb. Ht 0.15–2.13 m. Alt 30–1525 m. LIM,
NW, G, M, FS, KZN, WC, EC

laciniata Hill

Annual. Herb. Ht 0.2–0.6 m. Alt 5–1770 m. NW, G,
FS, KZN, L, EC

longiflora L. subsp. **longiflora**

Annual. Herb. Ht 0.4–0.8 m. Alt? NC, WC

parodiana Munz subsp. **parodiana**

Annual. Herb. Ht 0.3–0.7 m. Alt 54–2428 m. N, LIM,
NW, G, M, FS, KZN, L, NC, WC, EC

parviflora L.

- Biennial. Herb. Ht 1–1.5 m. Alt? WC
rosea L'Hér. ex Aiton
 Perennial. Herb. Ht 0.2–0.25 m. Alt 60–2350 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- 5–1830 m. LIM, NW, G, M, FS, KZN, L, WC, EC
- tetraptera** Cav.
 Perennial. Herb. Ht 0.15–0.4 m. Alt 155–2685 m. LIM, NW, G, M, FS, KZN, L, WC, EC
- stricta** Ledeb. ex Link subsp. **stricta**
 Annual, short-lived perennial. Herb. Ht 0.3–1 m. Alt
- villosa** Thunb.
 Biennial. Herb. Ht 0.5–2 m. Alt? WC

OPILIACEAE

Compiled by M. Jordaan

OPILIA Roxb.

2122000

campestris Engl. var. **campestris**

(1) Hiepko. 1982. *Willdenowia* 12: 161–182.

Perennial. Shrub or tree. Ht 2–5 m. Alt 60–1450 m. N

OROBANCHACEAE

(including Scrophulariaceae in part)

Compiled by S.J. Smithies & J.A. Ready

ALECTRA Thunb.

7597010

- (1) Hiern. 1904. *FC* 4,2: 371–378, as '*Melasma*'.
- (2) Hemsley. 1906. In Hemsley & Skan, *FTA* 4,2: 362–373.
- (3) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 339 (*A. orobanchoides*).
- (4) Melchior. 1941. *Notizblatt des Botanischen Gartens und Museums zu Berlin-Dahlem* 15,3: 423–447.
- (5) Hepper. 1960. *Kew Bulletin* 14: 402–406.
- (6) Merxmüller & Roessler. 1967. *FSWA* 126: 5–8.
- (7) Hilliard & Burt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37: 309–311.
- (8) Hilliard & Burt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 371–377.
- (9) Philcox. 1990. *FZ* 8,2: 85–93.
- (10) Mielcarek. 1996. *Fragmenta Floristica et Geobotanica* 41, 1: 85–94.
- (11) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 421, 422.
- (12) Retief & Herman. 1997. *Strelitzia* 6: 604, 605.
- (13) The Plant Names Project. 2002. *International Plant Names Index*, <http://www.ipni.org> (accessed on 29-05-2002).

Note: these are root parasites and the original soil level often does not show on herbarium specimens, especially those with scale leaves. Hence heights given here are somewhat uncertain.

angustifolia Engl. = **A. vogelii**

aurantiaca Hemsl.

A. omurambensis Dinter ex Melch. (6)

Annual. Herb, parasite. Ht ± 0.05–± 0.1 m. Alt? N

avensis (Benth.) Merr. = **A. sessiliflora** var. **monticola**

bainesii Hemsl.

Annual? Herb, parasite. Ht 0.06–0.1 m. Alt ± 1100 m. B

bainesii of author, not of Hemsl.: Dinter (1917) = **A. welwitschii**

barbata (Hiern) Melch. = **A. sessiliflora** var. **sessiliflora**

basutica (E. Phillips) Melch.

Melasma basuticum E. Phillips (4)

Annual? Herb, parasite. Ht 0.1–0.4 m. Alt 1470–1980 m. FS, KZN, L

capensis Thunb.

Melasma capense (Thunb.) Hiern (4)

Annual or perennial. Herb, parasite. Ht 0.06–0.37 m. Alt 17–2425 m. LIM, M, S, FS, KZN, L, WC, EC

dunensis Hilliard & B.L. Burt

Annual? Herb, parasite. Ht 0.04–0.1 m. Alt 6–? m. S, KZN

heyntiae (Dinter) Dinter = **A. orobanchoides**

hundertii Melch.

Annual? Herb, parasite. Ht ± 0.2–± 0.45 m. Alt ± 1370 m. S?

kirkii Hemsl. = **A. orobanchoides**

lancifolia Hemsl.

Melasma indicum Hiern, not *Alectra indica* Benth. (4)

Annual. Herb, parasite. Ht 0.16–0.55 m. Alt ± 1000 m. N, B?

lurida Harv.

Melasma luridum (Harv.) Hiern (4)

Annual? or perennial. Herb, parasite. Ht ± 0.15–0.4 m. Alt 100–± 300 m. WC

melampyroides Benth. = **A. sessiliflora** var. **sessiliflora**

natalensis (Hiern) Melch.

Melasma natalense Hiern (4)

Apparently annual. Herb, parasite. Ht ± 0.1 m. Alt ± 900 m. KZN

omurambensis Dinter ex Melch. = **A. aurantiaca**

orobanchoides Benth.

A. heyntiae (Dinter) Dinter (4, 9)

A. kirkii Hemsl. (9)

A. parvifolia (Engl.) Schinz (9)

Celsia parvifolia Engl. (3, 9)

Melasma orobanchoides (Benth.) Engl. (9)

Nigrina orobanchoides (Benth.) Kuntze as '*orobanchodes*' (4)

Orobanche heyntiae Dinter (4, 9)

Orobanche parviflora E. Mey. ex Drège, name only (1, 9)

Annual. Herb, parasite. Ht (0.03–)0.1–± 0.6 m. Alt 30–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC

parvifolia (Engl.) Schinz = **A. orobanchoides**

picta (Hiern) Hemsl.

Melasma pictum Hiern (4)

Annual. Herb, parasite. Ht 0.1–± 0.6 m. Alt 275–960 m. B, LIM?, M?

pseudobarleriae (Dinter) Dinter

Orobanche pseudobarleriae Dinter (4)

Annual? Herb, parasite. Ht 0.05–± 0.25 m. Alt? N

pumila Benth.

Annual. Herb, parasite. Ht 0.03–± 0.12(–0.3?) m. Alt 1158–1980 m. N?, B?, LIM, G, M?, FS, L, NC, EC

pusilla E. Phillips = **A. schoenfelderi**

schoenfelderi Dinter & Melch.

A. pusilla E. Phillips (6)

Annual? Herb, parasite. Ht 0.01–0.02 m. Alt ± 900 m. N

senegalensis Benth. = **A. sessiliflora** var. **senegalensis**

sessiliflora (Vahl) Kuntze var. **monticola** (Engl.) Melch.

A. avensis (Benth.) Merr. (5)

Glossostylis avensis Benth. (9)

Melasma indicum (Benth.) Wettst. (9 implied)

Melasma indicum (Benth.) Wettst. var. *monticulum* Engl. (5)

Nigrina sessiliflora (Vahl) Kuntze in part (4, 9 implied)

Annual. Herb, parasite. Ht 0.18–0.45 m. Alt ± 1050–1480 m. LIM?, M?, S?

sessiliflora (Vahl) Kuntze var. **senegalensis** (Benth.)

Hepper

A. senegalensis Benth. (5)

Annual. Herb, parasite. Ht ± 0.15–± 0.6 m. Alt ± 1005 m. N, B

sessiliflora (Vahl) Kuntze var. **sessiliflora**

A. barbata (Hiern) Melch. (5)

A. melampyroides Benth. (5)

A. sessiliflora (Vahl) Kuntze var. *sessiliflora* forma *barbata* (Hiern) Hilliard & B.L. Burt (9 implied)

A. sessiliflora (Vahl) Kuntze var. *sessiliflora* forma *sessiliflora* (9 implied)

Bartsia scabra (Thunb.) Spreng. (4)

Gerardia sessiliflora Vahl (5)

Glossostylis capensis Benth. (1, 4)

Melasma barbatum Hiern (9)

Melasma sessiliflorum (Vahl) Hiern (4)

Nigrina sessiliflora (Vahl) Kuntze in part (4)

Rhinanthus scaber Thunb. (4)

Annual or perennial. Herb, parasite. Ht 0.04–0.68 m. Alt 0–± 2250 m. B?, LIM, NW, M, S, FS, KZN, L, WC, EC

sessiliflora (Vahl) Kuntze var. *sessiliflora* forma *barbata*

(Hiern) Hilliard & B.L. Burt = **A. sessiliflora** var. **sessiliflora**

sessiliflora (Vahl) Kuntze var. *sessiliflora* forma *sessiliflora* = **A. sessiliflora** var. **sessiliflora**

thyrsoidea Melch.

Annual? Herb, parasite. Ht 0.25–0.38 m. Alt ± 1220–2400 m. FS, KZN, EC

vogelii Benth.

A. angustifolia Engl. (4)

Annual. Herb, parasite. Ht 0.13–0.67 m. Alt ± 200–± 1525 m. N, B, LIM, NW, G, S, KZN?

welwitschii (Hiern) Hemsl. [sunk under *A. orobanchoides* by (10) but used by (11)]

A. bainesii of author, not of Hemsl.: Dinter (1917) (4)

Melasma welwitschii Hiern (4)

Annual? Herb, parasite. Ht 0.06–0.32 m. Alt ± 760–± 1830 m. NW, L?, NC, EC?

AULAYA Harv.

7627010

capensis of authors, not of Drège: Harv. (1838); Hook. (1841); Bernh. (1844) = **Harveya bolusii**

capensis of author, not of Harv.: Drège (1847) = **Harveya squamosa**

coccinea Harv. = **Harveya coccinea**

grandiflora Benth. = **Harveya purpurea**

pauciflora Benth. = **Harveya pauciflora**

purpurea (L.f.) Benth. = **Harveya purpurea**

scarlatina Benth. = **Harveya scarlatina**

squamosa (Thunb.) Harv. = **Harveya squamosa**

BARTSCHIA L.

7645000

trixago (L) Kuntze. = **Bartsia trixago**

BARTSIA L., name conserved

7645000

(1) Hiern. 1904. *FC* 4,2: 419, 420, as ‘*Bellardia*’.

(2) Hemsley & Skan. 1906. *FTA* 4,2: 458–462.

(3) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d’Afrique tropicale* 4: 424, as ‘*Bellardia*’.

(4) Goldblatt & Manning. 2000. *Strelitzia* 9: 550.

(5) The Plant Names Project. 2002. *International Plant Names Index*, <http://www.ipni.org> (accessed on 09-06-2002).

capensis (L.) Spreng. = **Bartsia trixago**

scabra (Thunb.) Spreng. = **Alectra sessiliflora** var. **sessiliflora**

trixago L.

Bartschia trixago (L.) Kuntze (1, 2)

B. capensis (L.) Spreng. (1, 2)

Bellardia trixago (L.) All. (2)

Buchnera africana L. (2)

Rhinanthus capensis L. (1, 2)

Trixago apula Stev. (2)

Annual. Herb, parasite. Ht 0.15–0.5 m. Alt ± 1220–± 1500 m. NC, WC, EC

BELLARDIA All.

7646000

trixago (L.) All. = **Bartsia trixago**

BOPUSIA C.Presl

7614010

scabra (L.f.) C.Presl = **Graderia scabra**

subintegra (Mast.) Hiern = **Graderia subintegra**

BUCHNERA L.

7622000

(1) Hiern. 1904. *FC* 4,2: 391–394.

(2) Skan. 1906. In Hemsley & Skan, *FTA* 4: 373–399.

(3) Druce. 1917. *Report of the Botanical Society and Exchange Club of the British Isles* 1916: 611.

(4) Schinz. 1929. In Schinz & Thellung, *Vierteljahrsschrift der Naturforschenden Gesellschaft in Zürich* 74: 122, 123.

(5) Merxmüller & Roessler. 1967. *FSWA* 126: 20.

(6) Philcox. 1990. *FZ* 8,2: 96–127.

(7) Mielcarek. 1996. *Fragmenta Floristica et Geobotanica* 41,1: 96–162.

(8) Retief & Herman. 1997. *Strelitzia* 6: 606, 607.

(9) The Plant Names Project. 2002. *International Plant Names Index*, <http://www.ipni.org> (accessed on 29-05-2002).

aethiopica L. = **Sutera aethiopica**

africana L. = **Bartsia trixago**

asiatica L. = **Striga asiatica**

aurantiaca Burch. = **Jamesbrittenia aurantiaca**

bilabiata Thunb. = **Striga bilabiata** var. **bilabiata**

brevibractealis Hiern = **B. longespicata**

- browniana* Schinz = **B. hispida**
capensis L. = **Polycarena capensis**
capitata Burm.f., not of Benth., insufficiently known (1)
cernua L. = **Chascanum cernuum**
ciliolata Engl.
 Annual. Herb, parasite. Ht 0.06–± 0.3 m. Alt ± 1370 m. LIM, G, M
coccinea (Hook.) Benth., not of Scopoli = **Striga asiatica**
cuneifolia L.f. = **Chascanum cuneifolium**
dura Benth.
 Annual or perennial. Herb, parasite. Ht 0.06–0.6 m. Alt ± 9–2300 m. M, S, FS, KZN, WC, EC
erinooides Jaroscz
 Annual. Herb, parasite. Ht 0.05–0.08 m. Alt? Distr.?
foetida Andrews = **Sutera foetida**
gesnerioides Willd. = **Striga gesnerioides**
glabrata Benth. = **B. simplex**
henriquesii Engl.
B. rhodesiana S.Moore (2)
 Annual? Herb, parasite. Ht 0.11–0.3 m. Alt? N
hermonthica Delile = **Striga hermonthica**
hispida Buch.-Ham. ex D.Don
B. browniana Schinz (5)
Striga schimperiana Hochst. ex A.Rich. (5)
 Annual. Herb, parasite. Ht 0.13–0.6 m. Alt 980–1080 m. N, B
longespicata Schinz
B. brevibractealis Hiern (5)
 Annual. Herb, parasite. Ht 0.08–± 0.6 m. Alt 400–1980 m. N, B, LIM, M, S
oppositifolia Hort. ex Steud. = **Sutera hispida**
orobanchoides R.Br., name only = **Striga gesnerioides**
pedunculata Andrews = **Jamesbrittenia argentea**
pinnatifida L.f. = **Chascanum pinnatifidum** var. **pinnatifidum**
randii S.Moore
 Annual. Herb, parasite. Ht ± 0.2–0.5 m. Alt? B
reducta Hiern
 Annual. Herb, parasite. Ht 0.04–0.5 m. Alt 1400–± 1730 m. B?, LIM, NW, G, M, FS, L
remotiflora Schinz
 Biennial or perennial. Herb, parasite. Ht ± 0.35 m. Alt ± 2165 m. LIM
rhodesiana S.Moore = **B. henriquesii**
simplex (Thunb.) Druce
B. glabrata Benth. (3)
Erinus simplex Thunb. (1, 3)
 Annual or perennial. Herb, parasite. Ht 0.06–± 0.52 m. Alt 305–2500 m. NW?, G, M, FS?, S?, KZN, L, WC, EC
thunbergii D.Dietr. = **Striga bilabiata** subsp. **bilabiata**
viscosa Aiton = **Sutera caerulea**
BUTTONIA McKen ex Benth. 7611000
 (1) Hiern. 1904. *FC* 4,2: 384, 385.
 (2) Obermeyer. 1936. *Journal of South African Botany* 2: 163, 164.
 (3) Hennessy. 1979. *The Flowering Plants of Africa* 46: t. 1815 (*B. natalensis*).
 (4) Philcox. 1990. *FZ* 8,2: 141–143.

- hildebrandtii* Engl. = **B. natalensis**
natalensis McKen ex Benth.
B. hildebrandtii Engl. (4)
 Perennial. Suffrutex, climber or scrambler, parasite.
 Ht up to ± 3 m. Alt ± 120–± 760 m. S, KZN
superba Oberm.
 Perennial. Suffrutex, climber or scrambler, parasite.
 Ht up to ± 3 m. Alt ± 40–1370 m. LIM, M, S, KZN
CYCNium E.Mey. ex Benth. 7623000
 emend. Engl.
 (1) Engler. 1895. *Die Pflanzenwelt Ost-Afrikas und der Nachbargebiete. Deutsch Ost-Afrika* 5, C: 361.
 (2) Hiern. 1904. *FC* 4,2: 395–400 as *Cycnium & Rhamphicarpa*.
 (3) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 50 (*C. tubulosum*).
 (4) Hansen. 1978. *Dansk Botanisk Arkiv* 32,3: 1–72.
 (5) Philcox. 1990. *FZ* 8,2: 137–141.
 (6) Mielcarek. 1996. *Fragmenta Floristica et Geobotanica* 41,1: 163–172.
 (7) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 429, 430.
 (8) Retief & Herman. 1997. *Strelitzia* 6: 607.
 (9) The Plant Names Project. 2002. *International Plant Names Index*, <http://www.ipni.org> (accessed on 29-05-2002).
adoense Benth. & Hook.f. = **C. adonense**
adonense E.Mey. ex Benth.
C. adoense Benth. & Hook.f. (2)
C. decumbens Gand. (4)
C. pentheri Gand. (4)
C. rectum Gand. (5)
 Perennial. Herb, parasite. Ht 0.06–0.15 m. Alt 150–± 2000 m. B, LIM, NW, G, M, S, KZN, EC
decumbens Gand. = **C. adonense**
filicalyx (E.A.Bruce) O.J.Hansen
Rhamphicarpa filicalyx E.A.Bruce (4)
 Annual. Herb, parasite. Ht 0.13–0.22 m. Alt? N, B
huttoniae Hiern = **C. racemosum**
kraussianum Benth. = **C. racemosum**
pentheri Gand. = **C. adonense**
racemosum Benth.
C. huttoniae Hiern (4)
C. kraussianum Benth. (1)
C. sandersonii Harv. (1)
 Perennial. Herb, parasite. Ht 0.1–1.2 m. Alt 180–3050 m. LIM, M, S, FS, KZN, EC
rectum Gand. = **C. adonense**
sandersonii Harv. = **C. racemosum**
tubatum Benth. = **Harveya speciosa**
tubulosum (L.f.) Engl. subsp. **montanum** (N.E.Br.) Hansen
Rhamphicarpa montana N.E.Br. (7)
 Annual? Herb, parasite. Length 0.06–0.23 m. Alt 2135–2440 m. L?
tubulosum (L.f.) Engl. subsp. **tubulosum**
Gerardia tubulosa L.f. (4)
Rhamphicarpa hamata (Engl. & Gilg) Skan (4, 5)
Rhamphicarpa tubulosa (L.f.) Benth. (4)
 Perennial, rarely annual. Herb, parasite, often in damp habitats or shallow water. Ht 0.07–0.9 m. Alt 3–1675 m. N, B, LIM, NW, G, M, S, FS, KZN, L?, NC, WC, EC
GERARDIA L. 7604000
dregeana Benth. ex Hochst. = **Sopobia simplex**

nigrina L.f. = **Melasma scabrum** var. **scabrum**

orobanchoides Lam. = **Harveya purpurea**

scabra L.f. = **Graderia scabra**

sessiliflora Vahl = **Alectra sessiliflora** var. **sessiliflora**

tubulosa L.f. = **Cycnium tubulosum** subsp. **tubulosum**

GERARDIINA Engl. 7605000

(1) Hiern. 1904. *FC* 4,2: 378, 379.

(2) Philcox. 1990. *FZ* 8,2: 154–156.

(3) Mielcarek. 1996. *Fragmenta Floristica et Geobotanica* 41,1: 81–85.

angolensis Engl.

Annual or perennial. Herb or suffrutex. Ht ± 0.3–0.8 m. Alt 1220–2140 m. LIM, M, S

GERDARIA C.Presl 7616000

dregeana (Benth. ex Hochst.) C.Presl, name only = **Sopubia simplex**

GLOSSOSTYLIS Cham. & Schtdl. 7597020

avensis Benth. = **Alectra sessiliflora** var. **monticola**

capensis Benth. = **Alectra sessiliflora** var. **sessiliflora**

GRADERIA Benth. 7614000

(1) Hiern. 1904. *FC* 4,2: 388–391, as ‘*Bopusia*’.

(2) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 384 (*G. subintegra*).

(3) Melchior. 1932. *Notizblatt des Botanischen Gartens und Museums zu Berlin-Dahlem* 11: 601–605.

(4) Codd. 1964. *Bothalia* 8: 176.

(5) Retief & Herman. 1997. *Strelitzia* 6: 608.

linearifolia Codd

Perennial. Herb. Ht 0.015–± 0.13 m. Alt ± 2255 m. M

scabra (L.f.) Benth.

Bopusia scabra (L.f.) C.Presl (3)

Gerardia scabra L.f. (3)

G. scabra (L.f.) Benth. in part (3)

Melasma? zeyheri Hook. (3)

Sopubia scabra (L.f.) G.Don (3)

Perennial. Herb or suffrutex, parasite. Ht 0.08–0.65 m. Alt ± 18–2250 m. G?, M, S, KZN, WC, EC

scabra (L.f.) Benth. in part = **G. scabra**

scabra (L.f.) Benth. in part = **G. subintegra**

subintegra Mast.

Bopusia subintegra (Mast.) Hiern (3)

G. scabra (L.f.) Benth. in part (3)

Perennial. Herb or suffrutex, parasite. Ht 0.06–0.6 m. Alt 670–1985 m. NW, G, M, S

HAEMATOBANCHE C.Presl. 7629000

sanguinea C.Presl = **Hyobanche glabrata**

HARVEYA Hook. 7627000

(1) Hiern. 1904. *FC* 4,2: 400–415.

(2) Ostermeyer. 1910. *Annalen des Kaiserlich-königliche Naturhistorischen Hofmuseums*, Wien 24: 293–326, specifically 325.

(3) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 67 (*H. squamosa*).

(4) Smith. 1931. *Kew Bulletin of Miscellaneous Information* 1931: 65–67.

(5) Henderson. 1958. *The Flowering Plants of Africa* 32: t. 1261 (*H. hyobanchoides*).

(6) Hilliard & Burt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 377–384.

(7) Retief & Herman. 1997. *Strelitzia* 6: 608, 609.

(8) Goldblatt & Manning. 2000. *Strelitzia* 9: 551.

(9) The Plant Names Project. 2002. *International Plant Names Index*, <http://www.ipni.org> (accessed on 29-05-2002).

Note: these are root parasites and, as soil level usually does not show on herbarium specimens, especially on forms with scale leaves, heights are difficult to gauge.

anisodonta C.A.Sm.

Annual? Herb, parasite. Ht up to ± 0.3 m. Alt ± 1600 m. G

bodkinii Hiern

Perennial. Herb, parasite. Ht 0.1–0.2 m. Alt ± 1525 m. WC

bolusii Kuntze

Aulaya capensis of authors, not of Drège: Harv. (1838); Hook. (1841); Bernh. (1844) (1)

Orobanche capensis of authors, not of Burm.f.: Thunb. (1800 & 1823); Burch. (1822) (1)

Orobanche purpurea of author, not of L.f. or Thunb.: Sm. (c. 1810) (1) Perennial. Herb, parasite. Ht 0.05–0.25 m. Alt 305–1555 m. WC, EC

capensis Hook.

H. lactea (Eckl. & Zeyh. ex C.Presl) C.Presl, as ‘*Harweya*’, name only (1)

H. spectabilis (E.Mey. ex Drège) Hook. ex Steud., as ‘*Harweya*’, name only (1, 9)

Orobanche alectra D.Dietr. (1)

Orobanche lactea Eckl. & Zeyh. ex C.Presl, name only (1)

Orobanche purpurea L.f. var. β Thunb. (1)

Orobanche spectabilis E.Mey. ex Drège, name only (1, 9)

Annual or perennial. Herb, parasite. Ht 0.11–0.65 m. Alt 91–915 m. WC, EC

capensis of author, not of Hook.: Wettst. (1881), figure only, insufficiently known (1)

cathcartensis Kuntze

Annual? Herb, parasite. Ht 0.25–0.4 m. Alt ± 1400 m. EC

coccinea (Harv.) Schltr.

Aulaya coccinea Harv. (1)

Annual? Herb, parasite. Ht 0.01–0.45 m. Alt 4–± 400 m. KZN

crispula Conrath = **H. randii**

euryantha Schltr.

Perennial. Herb, parasite. Ht 0.13–0.3 m. Alt ± 305 m. WC

hirtiflora Schltr.

Annual? Herb, parasite. Ht 0.05–0.2 m. Alt ± 45 m. WC

huttonii Hiern

Annual? Herb, parasite. Ht 0.15–0.4 m. Alt 915–1415 m. EC

hyobanchoides Schltr. ex Hiern

Perennial. Herb, parasite. Ht 0.1–0.3 m. Alt ± 460–610 m. EC

lactea (Eckl. & Zeyh. ex C.Presl.) C.Presl, as ‘*Harweya*’, name only = **H. capensis**

laxiflora Hiern

Annual. Herb, parasite. Ht 0.07–0.6 m. Alt 20–800 m. WC

leucopharynx Hilliard & B.L.Burt

Annual? Herb, parasite. Ht 0.15–0.45 m. Alt 1675–2550 m. KZN, EC

pauciflora (Benth.) Hiern. (species excluded by (8) as no authentic material found)

Aulaya pauciflora Benth. (1)

- H. squamosa* of author, not of (Thunb.) Steud.: C.Presl (1844), as 'Harweya' (1)
Annual. Herb, parasite. Ht 0.1–0.3 m. Alt? EC
- pratensis* (Eckl. & Zeyh. ex C.Presl) C.Presl, as 'Harweya (*Pseudoharweya*)', name only = **H. purpurea**
- pulchra** Hilliard & B.L.Burt
Annual? Herb, parasite. Ht 0.1–± 0.4 m. Alt 1850–2745 m. FS, KZN, L, EC
- pumila* of author, not of Schltr.: Trauseld (1969) = **H. scarlatina**
- pumila** Schltr.
Perennial. Herb, parasite. Ht 0.03–0.12 m. Alt 1370–2440 m. G, M, FS, L, EC
- purpurea** (L.f.) Harv. ex Hook.
Aulaya grandiflora Benth. (1)
Aulaya purpurea (L.f.) Benth. (1)
Gerardia orobanchoides Lam. (1)
H. pratensis (Eckl. & Zeyh. ex C.Presl) C.Presl, as 'Harweya (*Pseudoharweya*)', name only (1)
Orobanche pratensis Eckl. & Zeyh. ex C.Presl, name only (1)
Orobanche purpurea L.f. (excl. var. β Thunb.) (1)
Orobanche uitenhagensis Eckl. ex Hook. (1)
Annual or perennial. Herb, parasite. Ht 0.05–0.35 m. Alt 0–700 m. WC, EC
- randii** Hiern
H. crispula Conrath (5)
Annual? Herb, parasite. Ht 0.03–0.1 m. Alt 1070–2250 m. LIM, NW, G, FS?, KZN, NC
- scarlatina** (Benth.) Hiern
Aulaya scarlatina Benth. (1)
H. pumila of author, not of Schltr.: Trauseld (1969) (5)
Orobanche scarlatina E.Mey. ex Drège, name only (1)
Annual. Herb, parasite. Ht 0.07–0.2 m. Alt 1950–2735 m. KZN, L, EC
- silvatica** Hilliard & B.L.Burt
Annual? Herb, parasite. Ht (0.15–)0.4–0.6(–0.8) m. Alt 0–1950 m. LIM, M, S, KZN, EC
- speciosa** Bernh.
Cycnium tubatum Benth. (1)
H. tubata (E.Mey. ex Drège) Hook. ex Steud., as 'Harweya', name only (1)
H. tubata (E.Mey. ex Drège) Reuter, name only (1)
Orobanche tubata E.Mey. ex Drège, name only (1)
Perennial. Herb, parasite. Ht 0.15–± 1 m. Alt 45–± 2600 m. LIM, G?, S, FS, KZN, L, EC
- spectabilis* (E.Mey. ex Drège) Hook. ex Steud., as 'Harweya', name only = **H. capensis**
- squamosa* of author, not of (Thunb.) Steud.: C.Presl (1844), as 'Harweya' = **H. pauciflora**
- squamosa** (Thunb.) Steud., as 'Harweya'
Aulaya capensis of author, not of Harv.: Drège (1847) (1)
Aulaya squamosa (Thunb.) Harv. (1)
Orobanche squammata G.Don (misquote of Thunberg's name) (1)
Orobanche squamosa Thunb. (1)
Phelypaea capensis G.Don, as 'Phelypaea' (1)
Annual or perennial. Herb, parasite. Ht 0.08–0.43 m. Alt ± 450 m. WC
- stenosiphon** Hiern
Perennial. Herb, parasite. Ht 0.04–0.6 m. Alt 305–1220 m. WC, EC
- sulphurea** Hiern
Perennial. Herb, parasite. Ht 0.06–0.15 m. Alt 700–1310 m. NC, WC
- tubata* (E.Mey. ex Drège) Hook. ex Steud., as 'Harweya', name only = **H. speciosa**

tubata (E.Mey. ex Drège) Reuter, name only = **H. speciosa**

tubulosa Harv. ex Hiern
Perennial. Herb, parasite. Ht 0.08–0.6 m. Alt 200–760 m. WC, EC

tulbaghensis (Eckl. & Zeyh. ex C.Presl) C.Presl, as 'Harweya (*Harweyastrum*)', name only, insufficiently known (1)

Orobanche tulbaghensis Eckl. & Zeyh. ex C.Presl, name only (1)

tulbaghiensis Osterm., insufficiently known, probably = **H. tulbaghensis** (9)

varia (E.Mey. ex Drège) Hook. ex C.Presl as 'Harweya', name only = **Striga gesnerioides**

vestita Hiern
Annual? Herb, parasite. Ht? Alt? 'SA'

HIERNIA S.Moore 7615000

(1) Clarke. 1900. *FTA* 5: 261, 262.

(2) Merxmüller & Roessler. 1967. *FSWA* 126: 24.

Note: genus of uncertain position.

angolensis S.Moore

Perennial. Dwarf shrub or suffrutex, occ. herb. Ht 0.3–0.7 m. Alt 1000–1150 m. N

HYOBANCHE L. 7629000

(1) Hiern. 1904. *FC* 4,2: 415–419.

(2) Schönland. 1913. *Kew Bulletin of Miscellaneous Information* 1913: 301.

(3) Gandoger. 1919. *Bulletin de la Société Botanique de la France* 66: 220.

(4) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 89 (*H. fulleri*).

(5) Merxmüller & Roessler. 1967. *FSWA* 126: 25.

(6) Hilliard & Burt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 13: 384, 385.

(7) The Plant Names Project. 2002. *International Plant Names Index*, <http://www.ipni.org> (accessed on 10-06-2002).

Note: these plants are root parasites with scale leaves that usually show only the flowers and perhaps the stem apex above ground. Heights given here probably include some underground parts.

atropurpurea Bolus

Annual? Herb, parasite. Ht 0.03–0.1 m. Alt? NC, WC

barklyi N.E.Br.

H. sanguinea of author, not of L.: Range (1935) (5)

Annual? Herb, parasite. Ht 0.05–0.08 m. Alt? N, NC

calvescens Gand., insufficiently known (4)

coccinea L. ex Steud. = **H. sanguinea**

fulleri E.Phillips

Annual? Herb, parasite. Ht 0.04–0.1 m. Alt ± 7.5 m. KZN

glabrata Hiern

Haematobanche sanguinea (L.) C.Presl (1)

H. sanguinea L. var. β *glabra* Benth. (1)

H. sanguinea L. var. β *glabrescens* Drège, name only (1)

H. sanguinea L. var. β Thunb. (1)

H. sanguinea? of Burch. (1822) (1)

Annual? Herb, parasite. Ht 0.03–0.1 m. Alt ± 490–± 1370 m. NC, WC, EC

robusta Schönland

Annual? Herb, parasite. Ht up to 0.23 m. Alt? EC

rubra N.E.Br.

H. sanguinea of author, not of L.: Trauseld (1969) (6)

Annual? Herb, parasite. Ht 0.04–± 0.15 m. Alt 245–± 3000 m. FS, KZN, L, WC, EC

sanguinea L.

H. coccinea L. ex Steud. (1)

Annual? Herb, parasite. Ht 0.02–± 0.25 m. Alt 0–± 2440 m. NC, WC, EC

sanguinea L. var. *β glabra* Benth. = **H. glabrata**

sanguinea L. var. *β glabrescens* Drège, name only = **H. glabrata**

sanguinea L. var. *β* Thunb. = **H. glabrata**

sanguinea of author, not of L.: Range (1935) = **H. barklyi**

sanguinea of author, not of L.: Thunb. (1792) = **Cytinus sanguineus**

sanguinea of author, not of L.: Trausel (1969) = **H. rubra**

sanguinea? of Burch. (1822) = **H. glabrata**

MACROSIPHON Hochst. 7624010

fistulosus Hochst. = **Rhamphicarpa fistulosa**

MELASMA P.J.Bergius 7597000

(1) Hiern. 1904. *FC* 4,2: 371–378.

(2) Melchior. 1940. *Notizblatt des Botanischen Gartens und Museums zu Berlin-Dahlem* 15: 119–127.

(3) Mielcarek. 1996. *Fragmenta Floristica et Geobotanica* 41,1: 77–81.

barbatum Hiern = **Alectra sessiliflora** var. *sessiliflora*

basuticum E.Phillips = **Alectra basutica**

capense (Thunb.) Hiern = **Alectra capensis**

indicum (Benth.) Wettst. = **Alectra sessiliflora** var. *monticola*

indicum (Benth.) Wettst. var. *monticulum* Engl. = **Alectra sessiliflora** var. *monticola*

indicum Hiern not *Alectra indica* Benth. = **Alectra lancifolia**

luridum (Harv.) Hiern = **Alectra lurida**

natalense Hiern = **Alectra natalensis**

orobanchoides (Benth.) Engl. = **Alectra orobanchoides**

ovatum E.Mey. ex Benth. = **Melasma scabrum** var. *ovatum*

pictum Hiern = **Alectra picta**

scabrum P.J.Bergius var. *ovatum* (E.Mey. ex Benth.) Hiern

M. ovatum E.Mey. ex Benth. (2)

Nigrina ovatum (E.Mey. ex Benth.) Kuntze (2)

Perennial? Herb, parasite. Ht? Alt? M?, KZN, EC

scabrum P.J.Bergius var. *scabrum*

Gerardia nigrina L.f. (1)

Nigrina viscosa L. (1)

Perennial. Herb, parasite. Ht 0.2–1 m. Alt 305–± 2500 m. LIM, NW, M, S, FS, KZN, L, WC, EC

sessiliflorum (Vahl) Hiern = **Alectra sessiliflora** var. *sessiliflora*

welwitschii Hiern = **Alectra welwitschii**

zeyheri Hook., as ‘*Melasma?*’ = **Graderia scabra**

NIGRINA L. 7597000

ovatum (E.Mey. ex Benth.) Kuntze = **Melasma scabrum** var. *ovatum*

orobanchoides (Benth.) Kuntze as ‘*orobanchodes?*’ = **Alectra orobanchoides**

sessiliflora (Vahl) Kuntze in part = **Alectra sessiliflora** var. *monticola*

sessiliflora (Vahl) Kuntze in part = **Alectra sessiliflora** var. *sessiliflora*

viscosa L. = **Melasma scabrum** var. *scabrum*

OROBANCHE L. 7791000

(1) Hiern. 1904. *FC* 4,2: 403.

(2) Hiern & Stapf. 1904. *FC* 4,2: 421, 422.

(3) Stapf. 1906. *FTA* 4,2: 464–468.

(4) Graham. 1957. *FTEA* Orobanchaceae: 1–7.

(5) Philcox. 1990. *FZ* 8,2: 160, 161.

(6) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d’Afrique tropicale* 4: 448.

(7) The Plant Names Project. 2002. *International Plant Names Index*, <http://www.ipni.org> (accessed on 11-06-2002).

alectra D.Dietr. = **Harveya capensis**

capensis of authors, not of Burm.f.: Thunb. (1800 & 1823); Burch. (1822) = **Harveya bolusii**

heyntiae Dinter = **Alectra orobanchoides**

interrupta Pers., insufficiently known (7)

O. ramosa of author, not of L.: Thunb. (1800) (7)

lactea Eckl. & Zeyh. ex C.Presl, name only. = **Harveya capensis**

minor of author, not of Sm.: Thunb (1800 & 1823), insufficiently known (2)

**minor* Sm. (author often given as Sutton in older literature)

Annual. Herb, parasite. Ht 0.1–± 0.4 m. Alt ± 18 m. N, EC, WC

parviflora E.Mey. ex Drège, name only = **Alectra orobanchoides**

pratensis Eckl. & Zeyh. ex C.Presl, name only = **Harveya purpurea**

pseudobarleriae Dinter = **Alectra pseudobarleriae**

purpurea L.f. (excl. var. *β* Thunb.) = **Harveya purpurea**

purpurea L.f. var. *β* Thunb. = **Harveya capensis**

purpurea of author, not of L.f. or Thunb.: Sm. (c. 1810) = **Harveya bolusii**

**ramosa* L. var. *ramosa*

Phelypaea ramosa (L.) C.A.Mey., as ‘*Phelipaea?*’ (2)

Annual. Herb, parasite. Ht 0.08–0.3 m. Alt 20–1830 m. N, LIM, M, NC, WC

ramosa of author, not of L.: Thunb. (1800) = **O. interrupta**

scarlatina E.Mey. ex Drège, name only = **Harveya scarlatina**

spectabilis E.Mey. ex Drège, name only = **Harveya capensis**

squamata G.Don (misquote of Thunberg’s name) = **Harveya squamosa**

squamosa Thunb. = **Harveya squamosa**

tubata E.Mey. ex Drège, name only = **Harveya speciosa**

tulbaghensis Eckl. & Zeyh. ex C.Presl, name only = **Harveya tulbaghensis**

uitenhagensis Eckl. ex Hook. = **Harveya purpurea**

varia E.Mey. ex Drège, name only = **Striga gesnerioides**

PHELYPAEA Tourn. ex L. 7788000

capensis G.Don, as ‘*Phelipaea?*’ = **Harveya squamosa**

ramosa (L.) C.A.Mey, as '*Phelipaea*' = **Orobanche ramosa**

RAPHIDOPHYLLUM Hochst. 7616010

simplex Hochst. = **Sopubia simplex**

RHAMPHICARPA Benth. 7624000
emended Engl.

- (1) Hansen. 1976 ('1975'). *Botanisk Tidsskrift* 70, 2–3: 103–125.
- (2) Philcox. 1990. *FZ* 8,2: 135–137.
- (3) Mielcarek. 1996. *Fragmenta Floristica et Geobotanica* 41, 1: 172–174.

brevipedicellata O.J.Hansen

R. fistulosa of author, not of (Hochst.) Benth.: Hiern (1904) in part (1)
Annual. Herb, parasite. Ht 0.08–± 0.45 m. Alt ± 600–2000 m. B, LIM, M, S, KZN

filicalyx E.A.Bruce = **Cycnium filicalyx**

fistulosa (Hochst.) Benth. (excl. synonym *Macrosiphon elongatus* Hochst.)

Macrosiphon fistulosus Hochst. (1)
Annual. Herb, parasite. Ht 0.09–0.6 m. Alt 150–1530 m. B, LIM, M, S

fistulosa of author, not of (Hochst.) Benth.: Hiern (1904) in part = **R. brevipedicellata**

hamata (Engl. & Gilg) Skan = **Cycnium tubulosum** subsp. **tubulosum**

montana N.E.Br. = **Cycnium tubulosum** subsp. **montanum**

tubulosa (L.f.) Benth. = **Cycnium tubulosum** subsp. **tubulosum**

RHINANTHUS L. 7647000

capensis L. = **Bartsia trixago**

scaber Thunb. = **Alectra sessiliflora** var. **sessiliflora**

SOPUBIA Buch.-Ham. ex D.Don 7616000

- (1) Hiern. 1904. *FC* 4,2: 385–388.
- (2) Hemsley & Skan. 1906. *FTA* 4,2: 444–456.
- (3) Hepper. 1960. *Kew Bulletin* 14: 402–416.
- (4) Hansen. 1975. *Kew Bulletin* 30: 543–558.
- (5) Philcox. 1990. *FZ* 8,2: 143–149.
- (6) Mielcarek. 1996. *Fragmenta Floristica et Geobotanica* 41,1: 199–220.
- (7) Retief & Herman. 1997. *Strelitzia* 6: 614.
- (8) Hoffmann & Fischer. 1998. *Adansonia* Sér. 3, 20(2): 299–312 ('all *Sopubia* species to date are hemiparasites').
- (9) The Plant Names Project. 2002. *International Plant Names Index*, <http://www.ipni.org> (accessed on 29-05-2002).

cana Harv. var. **cana**

Perennial. Herb, parasite. Ht (0.1–)0.15–± 0.6 m. Alt 1000–2500 m. LIM, NW, G, M, S, FS, KZN, L, EC

cana Harv. var. **glabrescens** Diels

Perennial. Herb, parasite. Ht 0.25–0.45 m. Alt 1370–± 2000 m. LIM, NW, G, M, S?

dregeana (Benth. ex Hochst.) Benth. in part, illegitimate name = **S. simplex**

dregeana (Benth. ex Hochst.) Benth. var. *tenuifolia* Engl. & Gilg = **S. mannii** var. **tenuifolia**

eenii S.Moore = **Gomphostigma virgatum**

fastigiata Hiern = **S. karaguensis** var. **karaguensis**

karaguensis Oliv. var. **karaguensis**

S. fastigiata Hiern (4)

Perennial. Herb or suffrutex, parasite. Ht 0.19–0.45 m. Alt 550–1220 m. S, KZN

mannii Skan var. **tenuifolia** (Engl. & Gilg) Hepper
S. dregeana (Benth. ex Hochst.) Benth. var. *tenuifolia* Engl. & Gilg (3)
S. trifida Buch.-Ham. ex D.Don forma *humilis* Engl. & Gilg (excluding synonym *S. decumbens* Hiern) (3)

Perennial. Herb, parasite. Ht 0.18–0.64 m. Alt 940–2050 m. N, B, M, FS?, S?, KZN?, L?, EC?

scabra (L.f.) G.Don = **Graderia scabra**

simplex (Hochst.) Hochst.

Gerardia dregeana Benth. ex Hochst. (1)
Gerardia dregeana (Benth. ex Hochst.) C.Presl, name only (1)
Raphidophyllum simplex Hochst. (4)
S. dregeana (Benth. ex Hochst.) Benth. in part, illegitimate name (4)
Perennial. Herb, parasite. Ht 0.2–0.6 m. Alt ± 30–1555 m. LIM, G, M, S, KZN, EC

trifida Buch.-Ham. ex D.Don forma *humilis* Engl. & Gilg (excluding synonym *S. decumbens* Hiern) = **S. mannii** var. **tenuifolia**

STRIGA Lour. 7625000

- (1) Hiern. 1904. *FC* 4,2: 379–384
- (2) Verdoorn. 1943. *The Flowering Plants of South Africa* 23: t. 907 (*S. elegans*).
- (3) Merxmüller & Roessler. 1967. *FSWA* 126: 41–43.
- (4) Hepper. 1990. *FZ* 8,2: 127–135.
- (5) Mielcarek. 1996. *Fragmenta Floristica et Geobotanica* 41,1: 174–195.
- (6) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 442, 443.
- (7) Retief & Herman. 1997. *Strelitzia* 6: 614, 615.
- (8) The Plant Names Project. 2002. *International Plant Names Index*, <http://www.ipni.org> (accessed on 13-06-2002).

asiatica (L.) Kuntze

Buchnera asiatica L. (4)
Buchnera coccinea (Hook.) Benth., not of Scopoli (1, 4)
S. coccinea (Hook.) Benth. (1, 4)
S. hirsuta Benth. (1, 4)
S. lutea Lour. (4)
S. lutea Lour. var. *coccinea* (Hook.) Kuntze (1, 4)
Annual. Herb, parasite. Ht 0.05–0.45 m. Alt 170–2200 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC

bilabiata (Thunb.) Kuntze subsp. **bilabiata**

Buchnera bilabiata Thunb. (3)
Buchnera thunbergii D.Dietr. (1, 3)
S. thunbergii Benth. (3)
Annual or perennial. Herb, parasite. Ht 0.07–± 0.6 m. Alt ± 30–2440 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

chloroleuca Dinter = **S. gesnerioides**

coccinea (Hook.) Benth. = **S. asiatica**

elegans Benth.

Annual. Herb, parasite. Ht 0.06–0.4 m. Alt ± 55–2425 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

forbesii Benth.

Annual. Herb, parasite. Ht 0.15–0.6 m. Alt 60–1160 m. N, B, LIM, NW, G, M, S, KZN

gesnerioides (Willd.) Vatke ex Engl.

Buchnera gesnerioides Willd. (3)
Buchnera orobanchoides R.Br., name only (4)
Harveya varia (E.Mey. ex Drège) Hook. ex C.Presl as '*Harveya*', name only (1, 4)

Orobanche varia E.Mey. ex Drège, name only (1, 4)

S. chloroleuca Dinter (3)

S. orobanchoides (R.Br.) Benth. (4)

Perennial. Herb, parasite. Ht 0.04–0.6 m. Alt 4–1830 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

hermonthica (Delile) Benth.*Buchnera hermonthica* Delile (3)

Annual. Herb, parasite. Ht 0.4–0.6 m. Alt? N

hirsuta Benth. = **S. asiatica****junodii** Schinz

Annual? Herb, parasite. Ht 0.28–± 0.6 m. Alt 45–610 m. M, KZN

lutea Lour. = **S. asiatica***lutea* Lour. var. *coccinea* (Hook.) Kuntze = **S. asiatica***orobanchoides* (R.Br.) Benth. = **S. gesnerioides***schimperiana* Hochst. ex A.Rich. = **Buchnera hispida***thunbergii* Benth. = **S. bilabiata** var. **bilabiata****thunbergii** Benth. var. β **grandiflora** Benth., insufficiently known (1)*TRIXAGO* Stev.

7646000

apula Stev. = **Bartsia trixago**

OXALIDACEAE

Compiled by L.L. Dreyer & M.C. Makgakga

BIOPHYTUM DC.

3937000

(1) Exell. 1963. *Flora zambesiaca* 2: 156–162.(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 107.**abyssinicum** Steud. ex A.Rich.*B. reinwardtii* (Zucc.) Klotzsch (1)*B. reinwardtii* (Zucc.) Klotzsch subsp. *abyssinicum* (Steud. ex A.Rich.) Steenis (1)

Annual. Herb. Ht? Alt? N

reinwardtii (Zucc.) Klotzsch = **B. abyssinicum***reinwardtii* (Zucc.) Klotzsch subsp. *abyssinicum* (Steud. ex A.Rich.) Steenis = **B. abyssinicum****OXALIS** L.

3936000

(1) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 153.(2) Salter. 1935. *The Flowering Plants of South Africa* 15: t. 579.(3) Salter. 1944. *Journal of South African Botany* Suppl. Vol. 1: 1–355.(4) Salter. 1951. *The Flowering Plants of Africa* 28: t. 1094.(5) Marais. 1957. *The Flowering Plants of Africa* 32: t. 1258.(6) Salter. 1958. *The Flowering Plants of Africa* 32: tt. 1275–1277.(7) Salter. 1959. *The Flowering Plants of Africa* 33: tt. 1297–1298, 1303A–C.(8) Salter. 1961. *The Flowering Plants of Africa* 34: tt. 1323, 1324.(9) Salter. 1961. *The Flowering Plants of Africa* 34: tt. 1336, 1337, 1349A, 1349B.(10) Salter. 1962. *The Flowering Plants of Africa* 35: tt. 1362–1364.(11) Merxmüller. 1966. *FSWA* 63: 2–8.(12) Schreiber. 1967. *Botanische Jahrbücher* 86: 293–308.(13) Ross. 1982. *The Flowering Plants of Africa* 47: t. 1850.(14) Glen. 1986. *The Flowering Plants of Africa* 49: t. 1929.(15) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 107.(16) Bayer. 1992. *Herbertia* 48: 58–69.(17) Oliver. 1993. *Bothalia* 23: 72–74.(18) Watson. 1997. *European garden flora* 5: 18–26.(19) Dreyer & Van Wyk. 1998. *Grana* 37: 337–342.(20) Williamson. 1999. *Aloe* 36: 68–70.(21) Bayer. 2000. In Goldblatt & Manning, *Strelitzia* 9: 552–560.(22) Dreyer & Johnson. 2000. *South African Journal of Botany* 66: 130–132.(23) Oberlander et al. 2002. *Bothalia* 32: 97–100.**adenodes** Sond.*O. aureo-ciliata* F.Bolus (3)*O. ipomaeiflora* Schltr. ex R.Knuth (3)

Perennial. Geophyte. Ht 0.03–0.08 m. Alt? NC

adpersa Eckl. & Zeyh.*O. angusta* Sond. (3)*O. florida* E.Mey. ex Sond. (3)*O. meyeri* Sond. (3)*O. pallida* T.M.Salter & Exell (3)*O. pillosella* R.Knuth (3)

Perennial. Geophyte. Ht 0.05–0.15 m. Alt 200–400 m. WC

aemula Schltr. ex R.Knuth = **O. purpurea***albella* R.Knuth = **O. pseudo-cernua****albiuscula** T.M.Salter

Perennial. Geophyte. Ht 0.02–0.03 m. Alt 152–976 m. NC

algoensis Eckl. & Zeyh.*O. collina* Eckl. & Zeyh. (3)

Perennial. Geophyte. Ht 0.04–0.12 m. Alt 152–976 m. EC

ambigua Jacq.*O. rubroflora* Jacq. (3)

Perennial. Geophyte. Ht 0.04–0.12 m. Alt 580–671 m. NC, WC

amblyodonta T.M.Salter

Perennial. Geophyte. Ht 0.05–0.14 m. Alt 250–500 m. WC

amblyosepala Schltr.

Perennial. Geophyte. Ht 0.05–0.1 m. Alt ± 300 m. WC

amoena Jacq. = **O. polyphylla** var. **polyphylla***anemonoides* Eckl. & Zeyh. = **O. heterophylla***angusta* Sond. = **O. adpersa****annae** F.Bolus*O. bella* R.Knuth (3)

Perennial. Geophyte. Ht 0.02–0.06 m. Alt 400–600 m. NC, WC

anomala T.M.Salter

Perennial. Geophyte. Ht 0.12–0.18 m. Alt 500–600 m. WC

approximata Sond. = **O. eckloniana** var. **sonderi***arenosa* F.Bolus = **O. reticulata****argillacea** F.Bolus

Perennial. Geophyte. Ht 0.05–0.09 m. Alt 200–500 m. NC, WC

argyrophylla T.M.Salter

Perennial. Geophyte. Ht 0.1–0.2 m. Alt 100–200 m. WC

aridicola T.M.Salter

Perennial. Geophyte. Ht 0.05–0.13 m. Alt 400–500 m. WC

asinina Jacq. = **O. fabifolia**

atrata Weintraub = **O. obtusa**

attaquana T.M.Salter

Perennial. Geophyte. Ht 0.05–0.13 m. Alt up to 600 m.
WC

aurea Schltr.

Perennial. Geophyte. Ht 0.05–0.1 m. Alt 200–300 m.
WC

aureo-ciliata F.Bolus = **O. adenodes**

ausensis R.Knuth

Perennial. Geophyte. Ht 0.02–0.04 m. Alt? N, NC

austro-orientalis R.Knuth ex Engl., naked name = **O. extensa**

balsamifera E.Mey. ex Sond. = **O. luteola**

bella R.Knuth = **O. annae**

beneprotecta Dinter ex R.Knuth

O. bullulata T.M.Salter (11)

O. parvicormus Dinter (11)

O. pulchella Jacq. var. *beneprotecta* (R.Knuth) T.M.Salter (12)

Perennial. Geophyte. Ht 0.03–0.06 m. Alt? KZN, NC,
WC, EC

bifida Thunb.

Perennial. Geophyte. Ht 0.05–0.3 m. Alt 150–200 m.
WC

bifolia Eckl. & Zeyh. = **O. eckloniana** var. **sonderi**

bifurca Lodd. var. **angustiloba** Sond.

O. bifurca Lodd. var. *incana* Eckl. & Zeyh. (3)

O. incana Eckl. & Zeyh. (3)

Perennial. Geophyte. Ht 0.15–0.3 m. Alt 153–1769 m.
EC

bifurca Lodd. var. **bifurca**

Perennial. Geophyte. Ht 0.15–0.3 m. Alt? EC

bifurca Lodd. var. *incana* Eckl. & Zeyh. = **O. bifurca**
var. **angustiloba**

blastorrhiza T.M.Salter

Perennial. Geophyte. Ht 0.03–0.06 m. Alt? NC

bowiei Lindl.

O. purpurata Lindl. var. *bowiei* (Lindl.) Sond. (3)

O. vigilans L.Bolus (3)

Perennial. Geophyte. Ht 0.01–0.03 m. Alt 50–300 m.
KZN, EC

brachycarpa Schltr. = **O. pallens**

brevicaulis Sond. = **O. hirta** var. **hirta**

breviscapa Jacq. = **O. purpurea**

bullulata T.M.Salter = **O. beneprotecta**

burkei Sond.

Perennial. Geophyte. Ht 0.03–0.1 m. Alt 300–600 m.
WC

burkei Sond. var. *multiglandulosa* Sond. = **O. pardalis**

burtoniae T.M.Salter

Perennial. Geophyte. Ht 0.06–0.17 m. Alt 100–200 m.
WC

calligera Sond. = **O. foveolata**

callimarginata Weintraub = **O. goniorrhiza**

callosa R.Knuth

O. oculata T.M.Salter (3)

Perennial. Geophyte. Ht 0.02–0.09 m. Alt ± 500 m.
WC

calvinensis R.Knuth

Perennial. Geophyte. Ht 0.04–0.06 m. Alt? WC

camelopardalis T.M.Salter

Perennial. Geophyte. Ht 0.04–0.07 m. Alt 150–600 m.
WC

campicola T.M.Salter

Perennial. Geophyte. Ht 0.01–0.07 m. Alt ± 518 m.
NC

campylorrhiza T.M.Salter

Perennial. Geophyte. Ht 0.05–0.15 m. Alt ± 986 m.
NC, WC

capillacea E.Mey. ex Sond.

Perennial. Geophyte. Ht 0.04–0.07 m. Alt 150–600 m.
WC

caprina L.

Perennial. Geophyte. Ht 0.05–0.2 m. Alt 50–200 m.
WC

caprina Eckl. & Zeyh. = **O. livida** var. **altior**

cathara T.M.Salter

Perennial. Geophyte. Ht 0.05–0.2 m. Alt ± 305 m. NC

cernua Thunb. = **O. pes-caprae** var. **pes-caprae**

ciliariflora Eckl. & Zeyh. = **O. obtusa**

ciliaris Jacq. var. **ciliaris**

O. mundtii Sond. (3)

Perennial. Geophyte. Ht 0.03–0.3 m. Alt 300–600 m.
WC

ciliaris Jacq. var. **pageae** (L.Bolus) T.M.Salter

O. pageae L.Bolus (3)

Perennial. Geophyte. Ht 0.03–0.3 m. Alt 300–600 m.
WC

clavifolia Sond.

Perennial. Geophyte. Ht 0.05–0.2 m. Alt? NC

collina Eckl. & Zeyh. = **O. algoensis**

commutata Sond. var. **commutata**

O. tenella Eckl. & Zeyh. (3)

Perennial. Geophyte. Ht 0.05–0.1 m. Alt 50–300 m.
WC

commutata Sond. var. **concolor** T.M.Salter

Perennial. Geophyte. Ht 0.05–0.1 m. Alt 50–300 m.
WC

commutata Sond. var. **montana** T.M.Salter

Perennial. Geophyte. Ht 0.05–0.1 m. Alt 50–300 m.
WC

commutata Sond. var. *pusilla* R.Knuth = **O. depressa**

comosa E.Mey. ex Sond.

Perennial. Geophyte. Ht 0.3–0.8 m. Alt 915–1464 m.
NC

compressa L.f. var. **compressa**

Perennial. Geophyte. Ht 0.12–0.25 m. Alt 100–200 m.
WC

compressa L.f. var. **purpurascens** T.M.Salter

Perennial. Geophyte. Ht 0.12–0.25 m. Alt 100–200 m.
WC

comptonii T.M.Salter

Perennial. Geophyte. Ht 0.05–0.12 m. Alt? WC

confertifolia (Kuntze) R.Knuth

O. densifolia Sond. (3)

O. densifolia Turcz. (3)

Perennial. Geophyte. Ht 0.04–0.07 m. Alt 150–600 m.
WC

- convexula** Jacq.
Perennial. Geophyte, succulent. Ht 0.04–0.14 m. Alt? WC
- convexula* Jacq. var. *dilatata* Eckl. & Zeyh. = **O. depressa**
- copiosa** F.Bolus
Perennial. Geophyte. Ht 0.06–0.14 m. Alt 1224–1329 m. NC
- *corniculata** L.
O. repens Thunb. (3)
Annual. Herb. Ht 0.02–0.05 m. Alt? B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- creaseyi** T.M.Salter
Perennial. Geophyte. Ht 0.03–0.04 m. Alt? NC
- crispula** Sond.
Perennial. Geophyte. Ht 0.03–0.05 m. Alt? NC
- crocea** T.M.Salter
Perennial. Geophyte. Ht 0.05–0.1 m. Alt? NC
- cuneata** Jacq.
Perennial. Geophyte. Ht 0.04–0.08 m. Alt? NC
- cuprea* Lodd. = **O. obtusa**
- dammeriana* Schltr. = **O. depressa**
- davyana** R.Knuth
O. galpinii Burt Davy (3)
Perennial. Geophyte. Ht 0.1–0.4 m. Alt 1300–1372 m. M
- decipiens* Schltr. = **O. purpurea**
- decora* R.Knuth = **O. tenella**
- densa** N.E.Br.
Perennial. Geophyte. Ht 0.02–0.04 m. Alt 730–1130 m. NC, WC
- densifolia* Sond. = **O. confertifolia**
- densifolia* Turcz. = **O. confertifolia**
- dentata* Jacq. = **O. livida** var. **altior**
- denticulata* Wolley-Dod = **O. nidulans** var. **denticulata**
- depressa** Eckl. & Zeyh.
O. commutata Sond. var. *pusilla* R.Knuth (3)
O. convexula Jacq. var. *dilatata* Eckl. & Zeyh. (3)
O. dammeriana Schltr. (3)
O. otaviensis R.Knuth (3)
Perennial. Geophyte. Ht 0.04–0.12 m. Alt? B, LIM, NW, G, M, S, FS, KZN, NC, EC
- deserticola** T.M.Salter
Perennial. Geophyte. Ht 0.05–0.18 m. Alt? NC
- dichotoma** T.M.Salter
Perennial. Geophyte. Ht 0.05–0.15 m. Alt 400–600 m. WC
- dilatata** L.Bolus
Perennial. Geophyte. Ht 0.04–0.07 m. Alt 200–400 m. WC, EC
- dines** Ornduff
O. disticha Jacq. var. *alba* T.M.Salter (12)
Perennial. Geophyte. Ht 0.05–0.1 m. Alt? EC
- disticha** Jacq.
Perennial. Geophyte. Ht 0.03–0.04 m. Alt 180–400 m. WC
- disticha* Jacq. var. *alba* T.M.Salter = **O. dines**
- divergens* Eckl. & Zeyh. = **O. tenella**
- dregei** Sond.
Perennial. Geophyte. Ht 0.03–0.05 m. Alt 300–500 m. NC, WC
- droseroides** E.Mey. ex Sond.
O. saronensis F.Bolus (3)
O. semiglandulosa Sond. (3)
Perennial. Geophyte. Ht 0.07–0.15 m. Alt 300–500 m. WC
- duriuscula** Schltr.
Perennial. Geophyte. Ht 0.05–0.22 m. Alt 100–500 m. WC
- ebracteata** Savign.
O. laxa E.Mey. (3)
Perennial. Geophyte. Ht 0.08–0.3 m. Alt 300–500 m. WC
- eckloniana** C.Presl var. **eckloniana**
O. salmonicolor Schltr. (3)
Perennial. Geophyte. Ht 0.05–0.1 m. Alt 50–200 m. WC
- eckloniana** C.Presl var. **hopefieldiana** R.Knuth
O. purpurea Thunb. var. *hopefieldiana* R.Knuth (3)
Perennial. Geophyte. Ht 0.05–0.1 m. Alt 50–200 m. WC
- eckloniana** C.Presl var. **montigena** (Schltr.) R.Knuth
O. purpurea Thunb. var. *montigena* (Schltr.) R.Knuth (3)
Perennial. Geophyte. Ht 0.05–0.1 m. Alt 50–200 m. WC
- eckloniana** C.Presl var. **robusta** T.M.Salter
Perennial. Geophyte. Ht 0.05–0.1 m. Alt 50–200 m. WC
- eckloniana** C.Presl var. **sonderi** T.M.Salter
O. approximata Sond. (3)
O. bifolia Eckl. & Zeyh. (3)
Perennial. Geophyte. Ht 0.01–0.02 m. Alt 50–200 m. WC
- edwardsiae* F.Bolus = **O. pulchella** var. **glauca**
- engleriana** Schltr.
O. guthriei F.Bolus (3)
Perennial. Geophyte. Ht 0.08–0.15 m. Alt 150–300 m. NC, WC
- exserta** T.M.Salter
Perennial. Geophyte. Ht 0.04–0.1 m. Alt ± 1706 m. NC
- extensa** T.M.Salter
O. austro-orientalis R.Knuth ex Engl., naked name (11)
Perennial. Geophyte. Ht 0.04–0.07 m. Alt? NC
- fabifolia** Jacq.
O. asinina Jacq. (3)
Perennial. Geophyte, succulent. Ht 0.05–0.15 m. Alt 255–403 m. NC
- falcata* Sond. = **O. falcatula**
- falcatula** T.M.Salter
O. falcata Sond. (3)
Perennial. Geophyte. Ht 0.1–0.18 m. Alt 75–200 m. WC
- fergusonae** T.M.Salter
Perennial. Geophyte. Ht 0.1–0.2 m. Alt 300–600 m. WC, EC
- fibrosa** F.Bolus
Perennial. Geophyte. Ht up to 0.07 m. Alt 400–600 m. WC, EC
- filifolia* Jacq. = **O. polyphylla** var. **polyphylla**

fimbriata E.Phillips = **O. obtusa**

flabellifolia Jacq. = **O. flava**

flava L.

O. flabellifolia Jacq. (3)

O. lupinifolia Jacq. (3)

O. pectinata Jacq. (3)

Perennial. Geophyte. Ht 0.03–0.25 m. Alt 50–600 m.
NC, WC, EC

flava L. var. *trifoliata* E.Mey. = **O. flaviuscula**

flaviuscula T.M.Salter

O. flava L. var. *trifoliata* E.Mey. (3)

Perennial. Geophyte. Ht 0.01–0.04 m. Alt ± 1106 m.
NC

florida E.Mey. ex Sond. = **O. adspersa**

fourcadei T.M.Salter

Perennial. Geophyte. Ht 0.04–0.06 m. Alt ± 945 m.
WC, EC

foveolata Turcz.

O. calligera Sond. (3)

Perennial. Geophyte. Ht 0.01–0.03 m. Alt? NC

fragilis T.M.Salter

Perennial. Geophyte. Ht 0.01–0.1 m. Alt ± 170 m. WC

framesii L.Bolus = **O. obtusa**

furcillata T.M.Salter var. **caulescens** T.M.Salter

Perennial. Geophyte. Ht 0.06–0.08 m. Alt ± 1106 m.
NC

furcillata T.M.Salter var. **furcillata**

Perennial. Geophyte. Ht 0.06–0.08 m. Alt ± 1067 m.
NC

galpinii Burt Davy = **O. davyana**

galpinii Schltr. = **O. smithiana**

giftbergensis T.M.Salter

Perennial. Geophyte. Ht 0.02–0.2 m. Alt ± 500 m. WC

glabra Thunb.

O. stenocarpa Schltr. (3)

Perennial. Geophyte. Ht 0.05–0.2 m. Alt 50–300 m.
WC

glandulosa Jacq. = **O. recticaulis**

glaucooides R.Knuth = **O. recticaulis**

glaucovirens Sond. = **O. stenoptera** var. **stenoptera**

goniorrhiza Eckl. & Zeyh.

O. callimarginata Weintraub (16)

O. urbaniana Schltr. (16)

Perennial. Geophyte. Ht 0.08–0.12 m. Alt 50–300 m.
WC

gracilipes Schltr.

Perennial. Geophyte. Ht 0.05–0.11 m. Alt 100–200 m.
WC

gracilis Jacq. var. **gracilis**

O. teretifolia Jacq. (3)

Perennial. Geophyte. Ht 0.01–0.02 m. Alt 50–150 m.
NC, WC

gracilis Jacq. var. **lilacea** T.M.Salter

Perennial. Geophyte. Ht 0.01–0.02 m. Alt 50–150 m.
NC, WC

gracilis Jacq. var. **purpurea** T.M.Salter

Perennial. Geophyte. Ht 0.01–0.02 m. Alt 50–150 m.
NC, WC

grammopetala Sond.

Perennial. Geophyte. Ht 0.01–0.04 m. Alt 880–1067
m. NC

grammophylla T.M.Salter

Perennial. Geophyte. Ht 0.04–0.07 m. Alt 150–600 m.
WC

guthriei F.Bolus = **O. engleriana**

haedulipes T.M.Salter

Perennial. Geophyte. Ht 0.15–0.2 m. Alt 740–1373 m.
N, NW, FS, NC, EC

halenbergensis Dinter = **O. luederitzii**

heidelbergensis T.M.Salter

Perennial. Geophyte. Ht 0.04–0.07 m. Alt 150–600 m.
WC

helicoides T.M.Salter var. **alba** T.M.Salter

Perennial. Geophyte. Ht 0.07–0.12 m. Alt ± 610 m.
NC, WC

helicoides T.M.Salter var. **helicoides**

Perennial. Geophyte. Ht 0.07–0.12 m. Alt ± 610 m.
NC, WC

heterophylla DC.

O. anemonoides Eckl. & Zeyh. (3)

O. lightfootii E.Phillips (3)

Perennial. Geophyte. Ht 0.05–0.3 m. Alt 150–400 m.
NC, WC

hirsuta Sond.

Perennial. Geophyte. Ht 0.02–0.05 m. Alt? NC

hirta L. var. **canescens** R.Knuth

Perennial. Geophyte. Ht 0.05–0.3 m. Alt ± 300 m. WC

hirta L. var. **hirta**

O. brevicaulis Sond. (3)

O. multiflora Jacq. (3)

O. reptatrix Jacq. (3)

O. rubella Jacq. (3)

Perennial. Geophyte. Ht 0.05–0.3 m. Alt 50–300 m.
WC

hirta L. var. **intermedia** T.M.Salter

Perennial. Geophyte. Ht 0.05–0.3 m. Alt 150–300 m.
WC

hirta L. var. **poliooides** T.M.Salter

Perennial. Geophyte. Ht 0.05–0.3 m. Alt ± 300 m. NC,
WC

hirta L. var. **secunda** (Jacq.) T.M.Salter

Perennial. Geophyte. Ht 0.05–0.3 m. Alt ± 300 m. WC

hirta L. var. **tenuicaulis** R.Knuth

Perennial. Geophyte. Ht 0.05–0.3 m. Alt ± 300 m. WC

hirta L. var. **tubiflora** (Jacq.) T.M.Salter

O. tubiflora Jacq. (3)

Perennial. Geophyte. Ht 0.05–0.3 m. Alt 150–300 m.
WC

humilis Thunb. = **O. purpurea**

imbricata Eckl. & Zeyh. var. **cuneifolia** T.M.Salter

Perennial. Geophyte. Ht? Alt 50–300 m. WC, EC

imbricata Eckl. & Zeyh. var. **imbricata**

Perennial. Geophyte. Ht? Alt 50–300 m. WC, EC

imbricata Eckl. & Zeyh. var. **violacea** R.Knuth

Perennial. Geophyte. Ht 0.03–0.14 m. Alt 50–300 m.
EC

inaequalis Weintraub

Perennial. Geophyte. Ht 0.02–0.03 m. Alt? EC

incana Eckl. & Zeyh. = **O. bifurca** var. **angustiloba incarnata** L.

Perennial. Geophyte. Ht 0.1–0.3 m. Alt 50–300 m. WC, EC

inconspicua T.M.Salter

Perennial. Geophyte. Ht 0.01–0.06 m. Alt ± 899 m. NC

involuta T.M.Salter

Perennial. Geophyte. Ht 0.01–0.02 m. Alt ± 175 m. WC

ioeides T.M.Salter & Exell

Perennial. Geophyte. Ht 0.01–0.04 m. Alt ± 600 m. WC

ipomaeiflora Schltr. ex R.Knuth = **O. adenodes**

kamiesbergensis T.M.Salter

Perennial. Geophyte. Ht 0.02–0.03 m. Alt 350–500 m. NC

knuthiana Dinter ex Range = **O. luederitzii**

knuthiana T.M.Salter

Perennial. Geophyte. Ht 0.2–0.3 m. Alt 400–500 m. NC

kubusensis R.Knuth = **O. luederitzii**

laburnifolia Jacq. = **O. purpurea**

lacunosa Eckl. & Zeyh. = **O. obtusa**

lanata L.f. var. **lanata**

Perennial. Geophyte. Ht 0.06–0.13 m. Alt 50–300 m. WC

lanata L.f. var. **rosea** T.M.Salter

Perennial. Geophyte. Ht 0.06–0.13 m. Alt 50–300 m. WC

lasiorrhiza T.M.Salter

Perennial. Geophyte. Ht 0.01–0.04 m. Alt? NC

lateriflora Jacq. = **O. livida** var. **altior**

***latifolia** Humb., Bonpl. & Kunth

Perennial. Geophyte. Ht 0.15–0.25 m. Alt ± 1830 m. M, FS, KZN, EC

lawsonii F.Bolus

O. seineri R.Knuth (3)

Perennial. Geophyte. Ht 0.04–0.05 m. Alt 915–1180 m. N, NW, FS, NC

laxa E.Mey. = **O. ebracteata**

laxicaulis R.Knuth

Perennial. Geophyte. Ht 0.1–0.16 m. Alt ± 140 m. N, NC, WC

leipoldtii Schltr.

Perennial. Geophyte. Ht 0.05–0.3 m. Alt ± 350 m. WC

leptocalyx Sond.

Perennial. Geophyte. Ht 0.08–0.18 m. Alt ± 130 m. WC

leptogramma T.M.Salter

Perennial. Geophyte. Ht 0.04–0.07 m. Alt 150–600 m. WC

leucotricha Turcz. = **O. pulchella** var. **leucotricha**

levis T.M.Salter

Perennial. Geophyte. Ht 0.01–0.03 m. Alt 120–160 m. WC

lichenoides T.M.Salter

Perennial. Geophyte. Ht 0.01–0.04 m. Alt 179–1676 m. NC, WC

lightfootii Phillips = **O. heterophylla**

lindaviana Schltr.

Perennial. Geophyte. Ht 0.02–0.24 m. Alt 250–350 m. WC

linearis Jacq.

O. polytricha Sond. (3)

Perennial. Geophyte. Ht 0.01–0.2 m. Alt 200–350 m. NC, WC

lineolata T.M.Salter

Perennial. Geophyte. Ht 0.04–0.07 m. Alt 150–600 m. WC

livida Jacq. var. **altior** T.M.Salter

O. caprina Eckl. & Zeyh. (16)

O. dentata Jacq. (16)

O. lateriflora Jacq. (16)

O. livida Jacq. var. *dentata* (Jacq.) R.Knuth (16)

O. phellandroides E.Mey. ex Meisn. (16)

Perennial. Geophyte. Ht 0.01–0.2 m. Alt 80–300 m. WC

livida Jacq. var. *dentata* (Jacq.) R.Knuth = **O. livida** var. **altior**

livida Jacq. var. **livida**

Perennial. Geophyte. Ht 0.02–0.2 m. Alt 80–300 m. WC

loddigesiana Eckl. & Zeyh. = **O. tenuifolia**

louisae T.M.Salter

Perennial. Geophyte, succulent. Ht 0.05–0.14 m. Alt ± 730 m. NC

luederitzii Schinz

O. halenbergensis Dinter (3)

O. knuthiana Dinter ex Range (11)

O. kubusensis R.Knuth (3)

O. pusilla R.Knuth in part (3)

Perennial. Geophyte. Ht 0.01–0.03 m. Alt 50–100 m. N

lupinifolia Jacq. = **O. flava**

luteola Jacq.

O. balsamifera E.Mey. ex Sond. (3)

Perennial. Geophyte. Ht 0.05–0.08 m. Alt 100–300 m. WC

macra Schltr.

Perennial. Geophyte. Ht 0.08–0.14 m. Alt ± 500 m. WC

mairei R.Knuth ex Engl., naked name = **O. pes-caprae** var. **pes-caprae**

mallyi Schltr. ex R.Knuth = **O. phloxidifora**

marlothii Schltr. ex R.Knuth

Perennial. Geophyte. Ht 0.05–0.19 m. Alt? WC

massoniana T.M.Salter var. **flavescens** T.M.Salter

Perennial. Geophyte. Ht 0.04–0.07 m. Alt 150–600 m. WC

massoniana T.M.Salter var. **massoniana**

Perennial. Geophyte. Ht 0.04–0.07 m. Alt 150–600 m. WC

meisneri Sond.

Perennial. Geophyte. Ht 0.05–0.16 m. Alt 300–350 m. WC

melanograpta T.M.Salter

- Perennial. Geophyte. Ht 0.04–0.07 m. Alt 150–600 m.
WC
- melanosticta** Sond. var. **latifolia** T.M.Salter
Perennial. Geophyte. Ht 0.02–0.14 m. Alt 500–600 m.
WC
- melanosticta** Sond. var. **melanosticta**
Perennial. Geophyte. Ht 0.02–0.14 m. Alt 500–600 m.
WC
- membranacea* Weintraub = **O. obtusa**
- meyeri* Sond. = **O. adspersa**
- microdonta** T.M.Salter
Perennial. Geophyte. Ht 0.05–0.08 m. Alt ± 350 m.
WC
- minima* Sond. = **O. sonderiana**
- minuta** Thunb.
Perennial. Geophyte. Ht 0.05–0.1 m. Alt 50–200 m.
WC
- monophylla** L. var. **minor** T.M.Salter
Perennial. Geophyte. Ht 0.05–0.12 m. Alt 80–450 m.
WC
- monophylla** L. var. **monophylla**
Perennial. Geophyte. Ht 0.05–0.12 m. Alt 80–450 m.
WC
- monophylla** L. var. **rotundifolia** T.M.Salter
Perennial. Geophyte. Ht 0.05–0.12 m. Alt 80–450 m.
WC
- monophylla** L. var. **stenophylla** (Meisn.) Sond.
Perennial. Geophyte. Ht 0.05–0.12 m. Alt? WC
- multicaulis** Eckl. & Zeyh.
O. polyadenia Schltr. (3)
Perennial. Geophyte. Ht 0.05–0.1 m. Alt 150–300 m.
WC
- multiflora* Jacq. = **O. hirta** var. **hirta**
- mundtii* Sond. = **O. ciliaris** var. **ciliaris**
- namaquana** Sond.
Perennial. Geophyte. Ht 0.04–0.2 m. Alt ± 1108 m. N,
NC
- natans** L.f.
Perennial. Geophyte, hydrophyte. Ht 0.01–0.05 m. Alt
50–200 m. WC
- nidulans** Eckl. & Zeyh. var. **denticulata** (Wolley-Dod)
T.M.Salter
O. denticulata Wolley-Dod (3)
Perennial. Geophyte. Ht 0.05–0.08 m. Alt 150–450 m.
WC
- nidulans** Eckl. & Zeyh. var. **nidulans**
Perennial. Geophyte. Ht 0.05–0.08 m. Alt 150–450 m.
WC
- nortieri** T.M.Salter
Perennial. Geophyte. Ht 0.05–0.09 m. Alt 550–650 m.
WC
- obliquifolia** Steud. ex Rich.
Perennial. Geophyte. Ht 0.06–0.15 m. Alt 427–2950
m. G, M, S, FS, KZN, L, EC
- obtusa** Jacq.
O. atrata Weintraub (3)
O. ciliariflora Eckl. & Zeyh. (3)
O. cuprea Lodd. (3)
O. fimbriata E.Phillips (3)
- O. framesii* L.Bolus (3)
O. lacunosa Eckl. & Zeyh. (3)
O. membranacea Weintraub (3)
Perennial. Geophyte. Ht 0.05–0.15 m. Alt 50–600 m.
KZN, NC, WC, EC
- oculata* T.M.Salter = **O. callosa**
- oculifera** E.G.H.Oliv.
Perennial. Geophyte. Ht 0.01–0.05 m. Alt ± 600 m.
WC
- oligadenia* Schltr. ex R.Knuth = **O. recticaulis**
- oligophylla** T.M.Salter
Perennial. Geophyte. Ht 0.12–0.16 m. Alt ± 500 m.
WC
- orbicularis** T.M.Salter
Perennial. Geophyte. Ht 0.01–0.12 m. Alt 200–600 m.
WC
- oreithala** T.M.Salter
Perennial. Geophyte. Ht 0.03–0.04 m. Alt ± 800 m.
WC
- oreophila** T.M.Salter
Perennial. Geophyte. Ht 0.06–0.16 m. Alt ± 800 m.
WC
- orthopoda** T.M.Salter
Perennial. Geophyte. Ht 0.05–0.15 m. Alt 100–250 m.
WC
- otaviensis* R.Knuth = **O. depressa**
- pageae* L.Bolus = **O. ciliaris** var. **pageae**
- pallens** Eckl. & Zeyh.
O. brachycarpa Schltr. (3)
Perennial. Geophyte. Ht 0.04–0.1 m. Alt ± 152 m. WC
- pallida* T.M.Salter & Exell = **O. adspersa**
- palmifrons** T.M.Salter
Perennial. Geophyte. Ht 0.01–0.04 m. Alt ± 502 m.
WC
- pardalis** Sond.
O. burkei Sond. var. *multiglandulosa* Sond. (16)
Perennial. Geophyte. Ht 0.04–0.07 m. Alt 150–600 m.
WC
- parvicormus* Dinter = **O. beneprotecta**
- patula* Eckl. & Zeyh. = **O. tenuifolia**
- pectinata* Jacq. = **O. flava**
- pendulifolia** T.M.Salter
Perennial. Geophyte. Ht 0.01–0.3 m. Alt 100–200 m.
WC, EC
- pentaphylla* Sims = **O. polyphylla** var. **pentaphylla**
- pentaphylloides* Sond. = **O. variifolia**
- perineson** T.M.Salter & Exell
Perennial. Geophyte. Ht 0.07–0.15 m. Alt? WC
- pes-caprae** L. var. **pes-caprae**
O. cermua Thunb. (3)
O. mairei R.Knuth ex Engl., naked name (11)
Perennial. Herb, geophyte. Ht 0.05–0.3 m. Alt 50–500
m. N, NC, WC, EC
- pes-caprae** L. var. **sericea** (L.f.) T.M.Salter
O. sericea L.f. (3)
Perennial. Geophyte. Ht 0.05–0.3 m. Alt 50–500 m.
WC, EC
- petiolulata** F.Bolus
Perennial. Geophyte. Ht 0.03–0.05 m. Alt ± 800 m.
WC

- petraea** T.M.Salter
Perennial. Geophyte. Ht 0.03–0.05 m. Alt ± 305 m.
NC, WC
- phellandroides** E.Mey. ex Meisn. = **O. livida** var. **altior**
- phloxidifora** Schltr.
O. mallyi Schltr. ex R.Knuth (3)
Perennial. Geophyte. Ht 0.03–0.1 m. Alt ± 650 m. WC
- pillansiana** T.M.Salter & Exell
Perennial. Geophyte. Ht 0.06–0.16 m. Alt ± 350 m.
WC
- pillosella** R.Knuth = **O. adspersa**
- pocockiae** L.Bolus
Perennial. Geophyte. Ht 0.05–0.14 m. Alt 350–600 m.
NC, WC, EC
- polyadenia** Schltr. = **O. multicaulis**
- polyphylla** Jacq. var. **alba** T.M.Salter
Perennial. Geophyte. Ht 0.05–0.3 m. Alt 100–300 m.
WC
- polyphylla** Jacq. var. **heptaphylla** T.M.Salter
Perennial. Geophyte. Ht 0.05–0.3 m. Alt 100–300 m.
WC, EC
- polyphylla** Jacq. var. **minor** T.M.Salter
Perennial. Geophyte. Ht 0.05–0.3 m. Alt 100–300 m.
WC
- polyphylla** Jacq. var. **pentaphylla** (Sims) T.M.Salter
O. pentaphylla Sims (3)
Perennial. Geophyte. Ht 0.05–0.3 m. Alt 100–300 m.
WC, EC
- polyphylla** Jacq. var. **polyphylla**
O. amoena Jacq. (3)
O. filifolia Jacq. (3)
Perennial. Geophyte. Ht 0.05–0.3 m. Alt 100–300 m.
WC, EC
- polyphylla** Jacq. var. **pubescens** Sond.
Perennial. Geophyte. Ht 0.05–0.3 m. Alt 100–300 m.
WC
- polytricha** Sond. = **O. linearis**
- porphyriosiphon** T.M.Salter
Perennial. Geophyte. Ht 0.05–0.11 m. Alt ± 500 m.
WC
- primuloides** R.Knuth
Perennial. Geophyte. Ht 0.03–0.06 m. Alt 300–450 m.
NC
- pseudo-cernua** R.Knuth
O. albella R.Knuth (3)
Perennial. Geophyte. Ht 0.05–0.02 m. Alt 118–1400
m. N
- pseudo-hirta** T.M.Salter
Perennial. Geophyte. Ht 0.06–0.16 m. Alt ± 600 m.
NC, WC
- psilopoda** Turcz.
Perennial. Geophyte. Ht 0.01–0.13 m. Alt 150–300 m.
WC, EC
- pulchella** Jacq. var. **beneprotecta** (R.Knuth) T.M.Salter
= **O. beneprotecta**
- pulchella** Jacq. var. **glauca** T.M.Salter
O. edwardsiae F.Bolus (3)
Perennial. Geophyte. Ht 0.03–0.06 m. Alt 250–450 m.
NC
- pulchella** Jacq. var. **leucotricha** (Turcz.) T.M.Salter
O. leucotricha Turcz. (3)
Perennial. Geophyte. Ht 0.03–0.06 m. Alt 250–450 m.
WC
- pulchella** Jacq. var. **pulchella**
Perennial. Geophyte. Ht 0.03–0.06 m. Alt 250–450 m.
N, NC, WC
- pulchella** Jacq. var. **tomentosa** Sond.
Perennial. Geophyte. Ht 0.03–0.06 m. Alt 250–450 m.
N, NC, WC
- pulvinata** Sond
Perennial. Geophyte. Ht 0.03–0.06 m. Alt ± 1597 m.
NC
- punctata** L.f.
Perennial. Geophyte. Ht 0.04–0.08 m. Alt 150–300 m.
WC, EC
- purpurascens** T.M.Salter
Perennial. Geophyte. Ht 0.1–0.2 m. Alt 935–2479 m.
N
- purpurata** Jacq.
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? NC
- purpurata** Lindl. var. **bowiei** (Lindl.) Sond. = **O. bowiei**
- purpurea** L.
O. aemula Schltr. ex R.Knuth (3)
O. breviscapa Jacq. (3)
O. decipiens Schltr. (3)
O. humilis Thunb. (3)
O. laburnifolia Jacq. (3)
O. sanguinea Jacq. (3)
O. strictophylla Sond. (3)
O. variabilis Jacq. (3)
Perennial. Geophyte. Ht 0.03–0.15 m. Alt 50–500 m.
NW, S, NC, WC, EC
- purpurea** Thunb. var. **hopefieldiana** R.Knuth = **O. eckloniana** var. **hopefieldiana**
- purpurea** Thunb. var. **montigena** (Schltr.) R.Knuth = **O. eckloniana** var. **montigena**
- pusilla** Jacq.
Perennial. Geophyte. Ht 0.02–0.1 m. Alt 50–200 m.
WC
- pusilla** R.Knuth in part = **O. luederitzii**
- ramigera** Sond. = **O. reclinata** var. **reclinata**
- reclinata** Jacq. var. **micromera** (Sond.) T.M.Salter
Perennial. Geophyte. Ht 0.2–0.3 m. Alt? NC, WC
- reclinata** Jacq. var. **quinata** T.M.Salter
Perennial. Geophyte. Ht 0.2–0.3 m. Alt? NC, WC
- reclinata** Jacq. var. **reclinata**
O. ramigera Sond. (3)
Perennial. Geophyte. Ht 0.2–0.3 m. Alt? WC
- recticaulis** Sond.
O. arenosa F.Bolus (3)
O. glandulosa Jacq. (3)
O. glaucoides R.Knuth (3)
O. oligadenia Schltr. ex R.Knuth (3)
O. sororia Schltr. ex R.Knuth (3)
Perennial. Geophyte. Ht 0.07–0.17 m. Alt 150–300 m.
WC
- reflexa** T.M.Salter
Perennial. Geophyte. Ht ± 0.025 m. Alt ± 179 m. NC,
WC
- repens** Thunb. = **O. corniculata**

reptatrix Jacq. = **O. hirta** var. **hirta**

rhomboidea T.M.Salter

Perennial. Geophyte. Ht 0.05–0.12 m. Alt 500–671 m. NC, WC

robinsonii T.M.Salter & Exell

Perennial. Geophyte. Ht 0.04–0.07 m. Alt 150–600 m. WC, EC

rubella Jacq. = **O. hirta** var. **hirta**

rubro-punctata T.M.Salter

Perennial. Geophyte. Ht 0.02–0.03 m. Alt 500–600 m. WC

rubroflora Jacq. = **O. ambigua**

salmonicolor Schltr. = **O. eckloniana** var. **eckloniana**

salteri L.Bolus

Perennial. Geophyte. Ht 0.05–0.16 m. Alt 200–400 m. WC

sanguinea Jacq. = **O. purpurea**

saronensis F.Bolus = **O. droseroides**

schaeferi R.Knuth

Perennial. Geophyte. Ht 0.05–0.18 m. Alt ± 1500 m. N

seineri R.Knuth = **O. lawsonii**

semiglandulosa Sond. = **O. droseroides**

semiloba Sond. subsp. **semiloba**

Perennial. Geophyte. Ht 0.13–0.2 m. Alt 0–1705 m. N, B, LIM, G, M, FS, EC

senecta T.M.Salter

Perennial. Geophyte. Ht ± 0.05 m. Alt ± 1100 m. NC

sericea L.f. = **O. pes-caprae** var. **sericea**

setosa E.Mey. ex Sond.

Perennial. Geophyte. Ht 0.03–0.15 m. Alt 390–1018 m. EC

simplex T.M.Salter

Perennial. Geophyte. Ht 0.02–0.03 m. Alt ± 400 m. WC

smithiana Eckl. & Zeyh.

O. galpinii Schltr. (3)

Perennial. Geophyte. Ht 0.1–0.2 m. Alt 30–2400 m. M, S, FS, KZN, L, WC, EC

sonderiana (Kuntze) T.M.Salter

O. minima Sond. (3)

Perennial. Geophyte. Ht 0.02–0.04 m. Alt ± 945 m. NC

sororia Schltr. ex R.Knuth = **O. reticulata**

stellata Eckl. & Zeyh. var. **glandulosa** T.M.Salter

Perennial. Geophyte. Ht 0.1–0.3 m. Alt 275–400 m. WC

stellata Eckl. & Zeyh. var. **gracilior** T.M.Salter

Perennial. Geophyte. Ht 0.1–0.3 m. Alt? WC

stellata Eckl. & Zeyh. var. **montaguensis** T.M.Salter

Perennial. Geophyte. Ht 0.1–0.3 m. Alt? WC

stellata Eckl. & Zeyh. var. **stellata**

Perennial. Geophyte. Ht 0.05–0.09 m. Alt 50–400 m. WC, EC

stenocarpa Schltr. = **O. glabra**

stenopetala T.M.Salter

Perennial. Geophyte. Ht 0.08–0.2 m. Alt ± 600 m. WC

stenoptera Turcz. var. **alba** T.M.Salter

Perennial. Geophyte. Ht 0.04–0.1 m. Alt ± 179 m. NC

stenoptera Turcz. var. **stenoptera**

O. glaucovirens Sond. (3)

Perennial. Geophyte. Ht 0.04–0.1 m. Alt? NC, WC

stenoptera Turcz. var. **undulata**

Perennial. Geophyte. Ht 0.04–0.1 m. Alt ± 1060 m. NC

stenorrhyncha T.M.Salter

Perennial. Geophyte. Ht 0.1–0.25 m. Alt 6–340 m. EC

stictocheila T.M.Salter

Perennial. Geophyte. Ht 0.05–0.12 m. Alt ± 150 m. WC

stokoei Weintraub

Perennial. Geophyte. Ht 0.02–0.03 m. Alt 700–1000 m. WC

strictophylla Sond. = **O. purpurea**

strigosa T.M.Salter

Perennial. Geophyte. Ht 0.01–0.02 m. Alt 250–300 m. WC

suavis R.Knuth

Perennial. Geophyte. Ht 0.01–0.08 m. Alt ± 150 m. WC

subsessilis L.Bolus

Perennial. Geophyte. Ht 0.2–0.25 m. Alt ± 50 m. WC

suteroides T.M.Salter

Perennial. Geophyte. Ht 0.05–0.25 m. Alt ± 600 m. WC

tenella Eckl. & Zeyh. = **O. commutata** var. **commutata**

tenella Jacq.

O. decora R.Knuth (3)

O. divergens Eckl. & Zeyh. (3)

Perennial. Geophyte. Ht 0.02–0.2 m. Alt ± 250 m. WC

tenuifolia Jacq.

O. loddigesiana Eckl. & Zeyh. (3)

O. patula Eckl. & Zeyh. (3)

O. thunbergiana Eckl. & Zeyh. (3)

Perennial. Geophyte. Ht 0.06–0.24 m. Alt 50–400 m. WC

tenuipes T.M.Salter var. **biapiculata** T.M.Salter

Perennial. Geophyte. Ht 0.15–0.3 m. Alt 200–500 m. WC

tenuipes T.M.Salter var. **tenuipes**

Perennial. Geophyte. Ht 0.15–0.3 m. Alt 200–500 m. NC, WC

tenuis T.M.Salter

Perennial. Geophyte. Ht 0.07–0.1 m. Alt? WC

teretifolia Jacq. = **O. gracilis** var. **gracilis**

thunbergiana Eckl. & Zeyh. = **O. tenuifolia**

tomentosa L.f.

Perennial. Geophyte. Ht 0.06–0.12 m. Alt 75–150 m. WC

tragopoda T.M.Salter

Perennial. Geophyte. Ht 0.15–0.2 m. Alt 91–650 m. KZN, L, WC, EC

truncatula Jacq.

Perennial. Geophyte. Ht 0.1–0.12 m. Alt 75–250 m. WC

tubiflora Jacq. = **O. hirta** var. **tubiflora**

tysonii E.Phillips

- Perennial. Geophyte. Ht 0.1–0.22 m. Alt 178–1372 m.
EC
- uliginosa** Schltr.
Perennial. Geophyte. Ht 0.06–0.16 m. Alt ± 400 m.
WC
- urbaniana* Schltr. = **O. goniorrhiza**
- variabilis* Jacq. = **O. purpurea**
- variifolia** Steud.
O. pentaphylloides Sond. (3)
Perennial. Geophyte. Ht 0.07–0.12 m. Alt 100–250 m.
WC
- versicolor** L. var. **flaviflora** Sond.
Perennial. Geophyte. Ht 0.08–0.2 m. Alt 50–250 m.
WC
- versicolor** L. var. **latifolia** Wolley-Dod
Perennial. Geophyte. Ht 0.08–0.2 m. Alt 50–250 m.
WC
- versicolor** L. var. **versicolor**
Perennial. Geophyte. Ht 0.08–0.2 m. Alt 50–250 m.
- WC
- vigilans* L. Bolus = **O. bowiei**
- virginica** Jacq.
Perennial. Geophyte. Ht 0.04–0.06 m. Alt 305–671 m.
NC
- viscidula** Schltr.
Perennial. Geophyte. Ht 0.01–0.05 m. Alt 250–350 m.
WC
- viscosa** E. Mey. ex Sond.
Perennial. Geophyte. Ht 0.1–0.17 m. Alt 200–250 m.
WC
- xantha** T.M. Salter
Perennial. Geophyte. Ht 0.08–0.19 m. Alt 329–915 m.
WC
- zeekoevleyensis** R. Knuth
Perennial. Geophyte. Ht 0.01–0.03 m. Alt? WC
- zeyheri** Sond.
Perennial. Geophyte. Ht 0.01–0.03 m. Alt 300–650 m.
WC

PAPAVERACEAE

Compiled by H.F. Glen

- *ARGEMONE** L. 2852000
(1) Friedrich-Holzhammer. 1968. *FSWA* 46: 1, 2.
(2) Exell & Gonçalves. 1973. *Flora de Moçambique* 9: 1–3.
(3) Sorarú. 1976. *Darwiniana* 20: 445–457.
(4) Ownbey. 1997. *Flora of North America north of Mexico* 3: 314–322.
- mexicana** L. forma **mexicana**
Annual. Herb. Ht 0.3–0.9 m. Alt 0–1700 m. LIM, M, S, FS, KZN, NC, EC
- mexicana** L. var. **ochroleuca** (Sweet) Lindl. = **A. ochroleuca** subsp. **ochroleuca**
- mexicana** of author, not of L., concept invalid = **A. ochroleuca** subsp. **ochroleuca**
- ochroleuca** Sweet subsp. **ochroleuca**
A. mexicana L. var. **ochroleuca** (Sweet) Lindl. (1)
A. mexicana of author, not of L., concept invalid (1)
A. subfusiformis G.B. Ownbey (3)
Annual. Herb. Ht 0.3–1 m. Alt 0–1850 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- subfusiformis** G.B. Ownbey = **A. ochroleuca** subsp. **ochroleuca**
- *ESCHSCHOLZIA** Cham. 2840000
(1) Abrams. 1944. *Illustrated Flora of the Pacific States* 2: 226–228.
(2) Bailey & Bailey. 1977. *Hortus third*: 448.
(3) Clark. 1997. *Flora of North America north of Mexico* 3: 308–312.
(4) Spencer. 1997. *Horticultural flora of south-eastern Australia* 2: 77, 78.
- californica** Cham. subsp. **californica**
Annual, occ. perennial. Herb. Ht 0.2–0.6 m. Alt 950–1050 m. WC
- *GLAUCIUM** Mill. 2848000
(1) Mowat. 1964. *Flora europaea* 1: 251.
- (2) Bailey & Bailey. 1977. *Hortus third*: 512, 513.
(3) Cullen. 1995. *European garden flora* 4: 115, 116.
- corniculatum** (L.) Rudolph
G. grandiflorum in sense of Hayek, not of Boiss. & A. Huet, misapplied name (1)
Annual. Herb. Ht 0.3–0.5 m. Alt 250–850 m. NC, WC, EC
- grandiflorum* in sense of Hayek, not of Boiss. & A. Huet, misapplied name = **G. corniculatum**
- PAPAVER** L. 2853000
(1) Mowat & Walters. 1964. *Flora europaea* 1: 248, 249.
(2) Friedrich-Holzhammer. 1968. *FSWA* 46: 2.
(3) Cullen. 1995. *European garden flora* 4: 105–110.
(4) Kiger & Murray. 1997. *Flora of North America north of Mexico* 3: 323–333.
- aculeatum** Thunb.
P. garipepinum Burch. (2)
Annual. Herb. Ht 0.1–1 m. Alt 500–3050 m. N, LIM, NW, G, M, FS, KZN, L, NC, WC, EC
- *argemone** L.
Annual, occ. perennial. Herb. Ht 0.1–0.5 m. Alt 1450–1600 m. G
- garipepinum* Burch. = **P. aculeatum**
- hispidum* Lam. = **P. hybridum**
- *hybridum** L.
P. hispidum Lam. (1)
Annual. Herb. Ht 0.1–0.6 m. Alt 0–1800 m. LIM, G, WC
- *rhoeas** L.
Annual, occ. perennial. Herb. Ht 0.1–0.9 m. Alt 0–1300 m. NC, WC, EC

PASSIFLORACEAE

Compiled by R.H. Archer

ADENIA Forssk. 5370000

- (1) Phillips. 1923. *Flowering Plants of South Africa* 3: t. 113.
 (2) Phillips. 1940. *Flowering Plants of South Africa* 20: t. 770.
 (3) De Wilde. 1976. *FSA* 22: 106–117.

digitata (Harv.) Engl.*Modecca digitata* Harv. (3)

Perennial. Shrub, dwarf shrub, climber. Ht 0.3–3 m.
 Alt 5–1830 m. B, LIM, NW, G, M, S, KZN

fruticosa Burt Davy subsp. **fruticosa**

Perennial. Pachycaul tree, shrub, climber. Ht 1.5–6 m.
 Alt 730–1250 m. LIM

fruticosa Burt Davy subsp. **simplicifolia** W.J.de Wilde

Perennial. Pachycaul tree, shrub, climber. Ht 1.5–6 m.
 Alt 400–1000 m. LIM

fruticosa Burt Davy subsp. **trifoliata** W.J.de Wilde

Perennial. Pachycaul shrub, dwarf shrub, climber. Ht
 0.5–3 m. Alt 100–765 m. KZN

glauca Schinz*Modecca glauca* Schinz (3)

Perennial. Pachycaul shrub, climber. Ht 0.3–3.5 m. Alt
 1000–1435 m. B, LIM, NW, G

gummifera (Harv.) Harms var. **gummifera***Modecca gummifera* Harv. (3)

Perennial. Climber. Ht 0.5–30 m. Alt 50–1650 m.
 LIM, M, S, KZN, EC

hastata (Harv.) Schinz var. **glandulifera** W.J.de Wilde

Perennial. Shrub, dwarf shrub, climber. Ht 1–1.5 m.
 Alt 245–915 m. M, S, KZN

hastata (Harv.) Schinz var. **hastata***Modecca hastata* Harv. (3)

Perennial. Shrub, climber. Ht 1–4 m. Alt 40–700 m.
 LIM, M, KZN

natalensis W.J.de Wilde (insufficiently known, possibly extinct)

Perennial. Shrub, climber. Ht ± 4 m. Alt? KZN

pechuelii (Engl.) Harms

Perennial. Pachycaul shrub, climber. Ht 1–1.5 m. Alt
 200–950 m. N

repanda (Burch.) Engl.*Modecca repanda* (Burch.) Druce (3)

Perennial. Dwarf shrub, climber. Ht 0.3–2.5 m. Alt
 500–1850 m. N, B, LIM, NC

spinosa Burt Davy

Perennial. Pachycaul shrub, climber. Ht 0.4–6 m. Alt
 185–848 m. B, LIM

wilmsii Harms

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt ± 1500 m.
 M

BASANANTHE Peyr. 5369000

- (1) De Wilde. 1976. *FSA* 22: 120–124.
 (2) Fernandes & Fernandes. 1978. *FZ* 4: 376–385.

heterophylla Schinz*Tryphostemma heterophyllum* (Schinz) Engl. (1)

Annual, occ. perennial. Herb. Ht 0.2–0.5 m. Alt 915–
 1500 m. N, B

pedata (Baker f.) W.J.de Wilde*Tryphostemma pedatum* Baker f. (1)

Annual, occ. perennial. Herb. Ht 0.3–0.5 m. Alt 350–
 975 m. N, B, LIM, G

polygaloides (Hutch. & K.Pearce) W.J.de Wilde*Tryphostemma polygaloides* Hutch. & K.Pearce (1)

Perennial. Dwarf shrub, climber. Ht 0.1–1 m. Alt 15–
 155 m. KZN

sandersonii (Harv.) W.J.de Wilde*Tryphostemma sandersonii* Harv. (1)

Perennial. Dwarf shrub, climber. Ht 0.1–0.6 m. Alt 90–
 1700 m. LIM, M, S, KZN, EC

triloba (Bolus) W.J.de Wilde*Tryphostemma trilobum* Bolus (1)

Perennial. Dwarf shrub, climber. Ht 0.1–2.5 m. Alt 15–
 1200 m. N, LIM, M, S, KZN

MODECCA Lam. 5370010*digitata* Harv. = **Adenia digitata***glauca* Schinz = **Adenia glauca***gummifera* Harv. = **Adenia gummifera** var. **gummifera***hastata* Harv. = **Adenia hastata** var. **hastata***repanda* (Burch.) Druce = **Adenia repanda****PAROPSIA** Noronha ex Thouars 5369010

- (1) Sleumer. 1970. *Bulletin du Jardin Botanique National Belgique* 40: 49–75.
 (2) De Wilde. 1976. *FSA* 22: 105, 106.
 (3) Fernandes & Fernandes. 1978. *FZ* 4: 371–374.

braunii Gilg

Perennial. Tree, shrub. Ht 1–4 m. Alt ± 600 m. LIM

brazzeana Baill.

Perennial. Shrub. Ht 1–3 m. Alt 850–1150 m. N, B

***PASSIFLORA** L. 5372000

- (1) De Wilde. 1976. *FSA* 22: 124–128.
 (2) Miller. 1997. *European garden flora*. 5: 258–262.

coerulea L.

Perennial. Climber. Ht 0.91–2.13 m. Alt 90–1370 m.
 NW, G, WC, EC

edulis Sims

Perennial. Climber. Ht 2–15 m. Alt 800–2000 m. LIM,
 NW, G, M, S, KZN

foetida L.

Perennial. Climber. Ht 1–4 m. Alt 5–500 m. KZN

manicata (Juss.) Pers.

Perennial. Climber. Ht ± 10 m. Alt 100–1000 m. WC

mollissima (Kunth) Bailey

Perennial. Climber. Ht ± 20 m. Alt 100–1000 m. LIM,
 WC

suberosa L.

Perennial. Climber. Ht 2–6 m. Alt 155–730 m. KZN

subpeltata Ortega

Perennial. Climber. Ht 1–5 m. Alt 250–1000 m. M, S,
 KZN

SCHLECHTERINA Harms 5363010(1) De Wilde. 1976. *FSA* 22: 118–120.**mitostemmatoides** Harms

Perennial. Shrub, dwarf shrub, climber. Ht 1–3 m. Alt 5–700 m. KZN

TRYPHSTEMMA Harv. 5369020*heterophyllum* (Schinz) Engl. = **Basananthe hetero-****phylla***pedatum* Baker f. = **Basananthe pedata***polygaloides* Hutch. & K.Pearce = **Basananthe polygaloides***sandersonii* Harv. = **Basananthe sandersonii***trilobum* Bolus = **Basananthe triloba****PEDALIACEAE**

Compiled by S.J. Smithies & P.P.J. Herman

CERATOTHECA Endl. 7778000

- (1) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 87.
 (2) Abels. 1975. *Memórias da Sociedade Broteriana* 25: 5–358.
 (3) Ihlenfeldt. 1988. *FZ* 8,3: 94–97.

elliptica Schinz = **C. integribracteata** subsp. **elliptica**
integribracteata Engl. subsp. **elliptica** (Schinz) Ihlenf.
C. elliptica Schinz (2)

Annual. Herb. Ht up to 1.75 m. Alt? N

lamiifolia (Engl.) Engl. = **C. triloba****saxicola** E.A.Bruce

Annual. Herb. Ht up to 0.45 m. Alt 300–400 m. LIM

sesamoides Endl.*Sesamum heudelotii* Stapf (2)

Annual. Herb. Ht up to 1.2 m. Alt 900–1000 m. N, B

triloba (Bernh.) Hook.f.*C. lamiifolia* (Engl.) Engl. (2)*Sesamum lamiifolium* Engl. (3)*Sporledera kraussiana* Bernh. (3)*Sporledera triloba* Bernh. (2)

Annual or perennial. Herb. Ht up to 2.5 m. Alt 15–1550 m. B, LIM, NW, G, M, S, FS, KZN, NC, EC

DICEROCARYUM Bojer 7780000

- (1) Ihlenfeldt. 1967. *Mitteilungen der Botanischen Staatssammlung München* 6: 593–612.
 (2) Abels. 1975. *Memórias da Sociedade Broteriana* 25: 5–358.
 (3) Ihlenfeldt. 1988. *FZ* 8,3: 106–109.
 (4) Van Wyk & Condy. 2003. *Flowering Plants of Africa* 58: 118–133, tt. 2198, 2199.

eriocarpum (Decne.) Abels*D. eriocarpum* (Decne.) Abels subsp. *eriocarpum* (Decne.) Ihlenf. (3) (misquote of Ihlenfeldt 1967: 599)*D. zanguebarium* (Lour.) Merr. subsp. *eriocarpum* (Decne.) Ihlenf. (2)
Pretrea eriocarpa Decne. (3)

Perennial or annual. Herb, prostrate, occ. scrambler. Length up to 3.5 m. Alt 900–1200 m. N, B, NW, NC

eriocarpum (Decne.) Abels subsp. *eriocarpum* (Decne.)
 Ihlenf. = **D. eriocarpum**

forbesii (Decne.) A.E.van Wyk*D. senecioides* (Klotzsch) Abels in part (4)*D. zanguebarium* (Lour.) Merr. in part (4)*Pretrea forbesii* Decne. (4)*Pretrea zanguebarica* (Lour.) J.Gay ex DC. in sense of Stapf (1904) in part (4)

Perennial. Herb, prostrate. Length up to 3 m. Alt 0–30 m. KZN

senecioides (Klotzsch) Abels in part = **D. forbesii****senecioides** (Klotzsch) Abels subsp. **senecioides***Pretrea senecioides* Klotzsch (1)

Perennial. Herb, prostrate. Length 1–2 m. Alt 0–1400 m. B, LIM, NW, G, M, S, KZN?

senecioides (Klotzsch) Abels subsp. **transvaalense** Abels

Perennial. Herb, prostrate. Length up to 0.7 m. Alt 900–1320 m. LIM, G, M

zanguebarium (Lour.) Merr. in part = **D. forbesii***zanguebarium* (Lour.) Merr. subsp. *eriocarpum* (Decne.)
Ihlenf. = **D. eriocarpum****HARPAGOPHYTUM** DC. ex Meisn. 7771000

- (1) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 398.
 (2) Ihlenfeldt & Hartmann. 1970. *Mitteilungen aus dem Staatsinstitut für Allgemeine Botanik Hamburg* 13: 15–69.
 (3) Verdoorn. 1982. *The Flowering Plants of Africa* 47: t. 1853.
 (4) Ihlenfeldt. 1988. *FZ* 8,3: 109–113.
 (5) Retief & Herman. 1997. *Strelitzia* 6: 553.

burchellii Decne. = **H. procumbens** subsp. **procumbens**
peglerae Stapf = **H. zeyheri** subsp. **zeyheri**

pinnatifidum Engl. = **Pterodiscus speciosus**

procumbens (Burch.) DC. ex Meisn. forma *sublobatum*
 Engl. = **H. zeyheri** subsp. **sublobatum**

procumbens (Burch.) DC. ex Meisn. subsp. **procumbens**
H. burchellii Decne. (2)

Uncaria procumbens Burch. (2)

Perennial. Herb, prostrate. Length 0.6–0.8 m. Alt 900–1800 m. N, B, NW, FS, NC

procumbens (Burch.) DC. ex Meisn. subsp. **transvaalense** Ihlenf. & H.E.K.Hartmann

Perennial. Herb, prostrate. Length up to 1.5 m. Alt 600–800 m. B, LIM

procumbens (Burch.) DC. ex Meisn. var. *sublobatum*
 (Engl.) Stapf = **H. zeyheri** subsp. **sublobatum**

zeyheri Decne. subsp. **schijffii** Ihlenf. & H.E.K.Hartmann

Perennial. Herb, prostrate. Length 0.5–1 m. Alt 900–1200 m. N, B

zeyheri Decne. subsp. **sublobatum** (Engl.) Ihlenf. &
 H.E.K.Hartmann

H. procumbens (Burch.) DC. ex Meisn. forma *sublobatum* Engl. (2)*H. procumbens* (Burch.) DC. ex Meisn. var. *sublobatum* (Engl.)
Stapf (4)

Perennial. Herb, prostrate. Length 0.5–1 m. Alt 900–1200 m. N, B

zeyheri Decne. subsp. **zeyheri***H. peglerae* Stapf (2)

Perennial. Herb, prostrate. Length 0.6–1 m. Alt 350–1430 m. B, LIM, NW, G, M

HOLUBIA Oliv. 7772000(1) Stapf. 1904. *FC* 4,2: 457.(2) Phillips. 1937. *The Flowering Plants of South Africa* 17: t. 661.(3) Ihlenfeldt. 1988. *FZ* 8,3: 89.**saccata** Oliv.

Annual, occ. biennial. Herb, succulent. Ht 0.3–1 m. Alt 250–1220 m. B, LIM, NW, M

***IBICELLA** Van Eselt. 7785010(1) Stapf. 1897. In Engler & Prantl, *Die natürlichen Pflanzenfamilien* 4,3b: 265–269, as ‘*Proboscidea*’.(2) Lawrence. 1957. *Baileya* 5: 126–132.(3) Henderson & Anderson. 1966. *Memoirs of the Botanical Survey of South Africa* No. 37: 300, 301, as ‘*Proboscidea lutea*’.(4) Bailey & Bailey. 1977. *Hortus third*: 588.(5) Mabberley. 1997. *The plant book*, edn 2: 535.**lutea** (Lindl.) Van Eselt.*Martynia lutea* Lindl. (2)*Proboscidea lutea* (Lindl.) Stapf (2)

Annual. Herb, carnivorous. Ht 0.45–1 m. Alt? LIM, NW, G, KZN, WC, EC (weed of cultivation only?)

MARTYNIA L. 7784000*fragrans* Lindl. = **Proboscidea louisianica** subsp. **fragrans***longiflora* Royen = **Rogeria longiflora***lutea* Lindl. = **Ibicella lutea***proboscidea* Gloxin = **Proboscidea louisianica****PEDALIUM** L. 7768000*longiflorum* (Royen) Decne. = **Rogeria longiflora****PRETREA** J.Gay 7780010*eriocarpa* Decne. = **Dicerocaryum eriocarpum***forbesii* Decne. = **Dicerocaryum forbesii***senecioides* Klotzsch = **Dicerocaryum senecioides** subsp. **senecioides***zanguebarica* (Lour.) J.Gay ex DC. in sense of Stapf (1904) in part = **Dicerocaryum forbesii*****PROBOSCIDEA** Schmidel 7785000(1) Stapf. 1897. In Engl. & Prantl, *Die natürlichen Pflanzenfamilien* 4,3b: 265–269.(2) Marloth. 1932. *The Flora of South Africa* 3,2: 155, as ‘*Martynia proboscidea*’.(3) Lawrence. 1957. *Baileya* 5: 126–132, Figure 41.(4) Bailey & Bailey. 1977. *Hortus third*: 912.(5) The Plant Names Project. 2002. *International Plant Names Index*. Published on the internet, <http://www.ipni.org> (accessed on 2 Aug. 2002).*fragrans* (Lindl.) Decne. = **P. louisianica** subsp. **fragrans****louisianica** (Mill.) Thell. (probably misapplied name for *Proboscidea louisianica* subsp. *fragrans*)*Martynia proboscidea* Gloxin (4)**louisianica** (Mill.) Thell. subsp. **fragrans** (Lindl.) Bretting*Martynia fragrans* Lindl. (5)*P. fragrans* (Lindl.) Decne. (5)

Annual. Herb. Ht up to 0.6 m. Alt? FS, EC (garden escape?)

lutea (Lindl.) Stapf = **Ibicella lutea****PTERODISCUS** Hook. 7769000(1) Hooker. 1869. *Curtis's Botanical Magazine* 95: t. 5784.(2) Stapf. 1906. *FTA* 4,2: 541–547.(3) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 213.(4) Phillips. 1939. *The Flowering Plants of South Africa* 19: t. 734.(5) Ihlenfeldt. 1967. *Mitteilungen der Botanischen Staatssammlung München* 6: 602–605.(6) Merxmüller & Schreiber. 1968. *FSWA* 131: 5, 6.(7) Ihlenfeldt. 1988. *FZ* 8,3: 89–94.(8) Hardy. 1988. *Aloe* 25,2: 27.(9) Ihlenfeldt. 2000. *Mitteilungen aus dem Institut für Allgemeine Botanik Hamburg* 28/29: 5–21.*aurantiacus* of author, not of Welw.: Phillips (1939) = **P. ngamicus****aurantiacus** Welw.*P. brasiliensis* in sense of Schinz (1891), not of (J.Gay ex DC.) Asch. (7)

Perennial. Herb, succulent. Ht 0.1–0.3 m. Alt 1000–1300 m. N, B

brasiliensis in sense of Schinz (1891), not of (J.Gay ex DC.) Asch. = **P. aurantiacus****luridus** Hook.f.

Perennial. Herb, succulent. Ht ± 0.4 m. Alt 900–1070 m. EC

luridus of authors, not of Hook.f.: Stapf (1904) & others = **P. ngamicus****ngamicus** N.E.Br. ex Stapf*P. aurantiacus* of author, not of Welw.: Phillips (1939) (8)*P. luridus* of authors, not of Hook.f.: Stapf (1904) & others (7)

Perennial. Herb, succulent. Ht 0.15–0.3 m. Alt 270–1500 m. N, B, LIM, G, M

speciosus Hook.*Harpagophytum pinnatifidum* Engl. (7)

Perennial. Suffrutex. Ht 0.05–± 0.25 m. Alt 850–1450 m. B, LIM, NW, G, FS, NC

ROGERIA J.Gay ex Delile 7776000(1) Stapf. 1906. *FTA* 4,2: 548–550.(2) De Winter *et al.* 1961. In Anderson *et al.* in *Kirkia* 1: 106–108.(3) Merxmüller & Schreiber. 1968. *FSWA* 131: 6–8.**adenophylla** J.Gay ex Delile

Annual. Suffrutex. Ht 0.5–± 2.5 m. Alt 550–1850 m. N

bigibbosa Engl.

Annual. Herb. Ht 0.3–0.5 m. Alt 900–1050 m. N

longiflora (Royen) J.Gay ex DC.*Martynia longiflora* Royen (1)*Pedaliium longiflorum* (Royen) Decne. (1)

Annual. Suffrutex. Ht 0.2–2.4 m. Alt 300–1000 m. N, NC

petrophila De Winter

Perennial. Herb. Length 0.1–0.2 m. Alt ± 900 m. N

SESAMOTHAMNUS Welw. 7774000(1) Stapf. 1906. *FTA* 4,2: 567–569.(2) Merxmüller & Schreiber. 1968. *FSWA* 131: 8, 9.(3) Codd. 1972. *The Flowering Plants of Africa* 41: t. 1640.(4) Ihlenfeldt. 1988. *FZ* 8,3: 87–89.**benguellensis** Welw.

Perennial. Shrub, succulent. Ht 1.2–3 m. Alt? N

gürichii (Engl.) E.A.Bruce

Sigmatosiphon gürichii Engl. (2)
Perennial. Shrub, succulent. Ht 2.5–4 m. Alt 900–1450 m. N

lugardii N.E.Br. ex Stapf
Perennial. Shrub or small tree, succulent. Ht 1.2–5 m. Alt 180–1220 m. B, LIM, NW, M

SESAMUM L. 7777000

- (1) Stapf. 1906. *FTA* 4,2: 550–562.
- (2) Bruce. 1953. *FTEA* Pedaliaceae: 16–21.
- (3) Merxmüller. 1959. *Mitteilungen der Botanischen Staatssammlung München* 3: 1–13.
- (4) Ihlenfeldt & Seidensticker. 1968. *Mitteilungen der Botanischen Staatssammlung München* 7: 5–15.
- (5) Merxmüller & Schreiber. 1968. *FSWA* 131: 9–13.
- (6) Ihlenfeldt. 1988. *FZ* 8,3: 97–106.
- (7) Grabow-Seidensticker. 1988. *Mitteilungen aus dem Institut für Allgemeine Botanik Hamburg* 22: 217–241.
- (8) Retief & Herman. 1997. *Strelitzia* 6: 553, 554.
- (9) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 463, 464.
- (10) Craven. 1999. *Southern African Botanical Diversity Network Report* No. 7: 149.

abbreviatum Merxm.
Annual. Herb. Ht 0.6–2 m. Alt ± 400 m. N

alatum Thonn.
Annual. Herb. Ht 0.2–1.5 m. Alt 10–1450 m. N, B, LIM, NW, G, M, S, KZN

angolense Welw.
Annual or perennial. Herb. Ht 0.8–3 m. Alt 1000–2000 m. N

angustifolium of author, not of (Oliv.) Engl.: Merxmüller (1959) = **S. calycinum** subsp. **baumii**

antirrhinoides Welw. ex Asch. = **S. schinzianum**

baumii Stapf = **S. calycinum** subsp. **baumii**

calycinum Welw. subsp. **baumii** (Stapf) Seidenst.
S. angustifolium of author, not of (Oliv.) Engl.: Merxmüller (1959) (5, 7, implied)

S. baumii Stapf (6)

S. calycinum var. *calycinum* of author, not of Welw.: Ihlenfeldt & Seidensticker (1968) in part (7)

Annual or perennial. Herb. Ht 0.6–2.5 m. Alt 900–1000 m. N, B

calycinum var. *calycinum* of author, not of Welw.: Ihlenfeldt & Seidensticker (1968) in part = **S. calycinum** subsp. **baumii**

capense Burm.f.
Annual. Herb. Ht 0.15–2 m. Alt 500–1500 m. N, B, LIM, NW, G, M, FS, KZN?, NC, WC, EC

digitaloides of author, not of Welw. ex Asch.: Merxmüller (1959) = **S. schinzianum**

dinteri Schinz, as ‘*dinterii*’ = **S. marlothii**

gibbosum Bremek. & Oberm. = **S. triphyllum** var. **triphyllum**

grandiflorum Schinz = **S. triphyllum** var. **grandiflorum**

heudelotii Stapf = **Ceratotheca sesamoides**

***indicum** L.
S. orientale L. (9)

Annual. Herb. Ht 0.1–2 m. Alt 150–1220 m. LIM, G, M, S, KZN

lamiifolium Engl. = **Ceratotheca triloba**

marlothii Engl.
S. dinteri Schinz, as ‘*dinterii*’ (4)

Annual or perennial. Suffrutex, occ. herb. Ht 0.4–1.3 m. Alt 550–700 m. N

merenskyanum Dinter ex Merxm. = **S. rigidum** subsp. **merenskyanum**

microcarpum Engl. = **S. pedalioides**

orientale L. = **S. indicum**

pedalioides Welw. ex Hiern

S. microcarpum Engl. (4)

Annual. Herb. Ht 0.45–1.2 m. Alt ± 900 m. N

rigidum Peyr. subsp. **merenskyanum** Ihlenf. & Seidenst.
S. merenskyanum Dinter ex Merxm. (5)

S. schinzianum of author, not of Asch.: Merxmüller (1959) in part (5)
Perennial. Shrub or suffrutex. Ht 0.45–2.5 m. Alt 350–1600 m. N

rigidum Peyr. subsp. **rigidum**

Perennial. Shrub. Ht? ‘0.9–1.2 m. in Stapf (1906)’
Alt? N

rigidum Peyr. var. *digitaloides* of author, not of (Welw. ex Schinz) Stapf : Merxmüller (1959) = **S. schinzianum**

schenkii Asch. = **S. triphyllum** var. **grandiflorum**

schinzianum Asch.

S. antirrhinoides Welw. ex Asch. (4)

S. digitaloides of author, not of Welw. ex Asch.: Merxmüller (1959) (5)

S. rigidum Peyr. var. *digitaloides* of author, not of (Welw. ex Schinz) Stapf: Merxmüller (1959) (5)

Annual or perennial. Herb. Ht 0.3–1.5 m. Alt 800–1500 m. N

schinzianum of author, not of Asch.: Merxmüller (1959) in part = **S. rigidum** subsp. **merenskyanum**

triphyllum Welw. ex Asch. var. **grandiflorum** (Schinz) Merxm.

S. grandiflorum Schinz (5)

S. schenkii Asch. (5)

Annual. Herb. Ht 0.6–0.75 m. Alt 1370–1670 m. N

triphyllum Welw. ex Asch. var. **triphyllum**

S. gibbosum Bremek. & Oberm. (5)

Annual. Herb. Ht 0.25–2.5 m. Alt 150–1530 m. N, B, LIM, NW, G, M, S, FS, NC

SIGMATOSIPHON Engl. 7775000

gürichii Engl. = **Sesamothamnus gürichii**

SPORLEDERA Bernh. 7778010

kraussiana Bernh. = **Ceratotheca triloba**

triloba Bernh. = **Ceratotheca triloba**

UNCARIA Burch. 7771010

procumbens Burch. = **Harpagophytum procumbens** subsp. **procumbens**

*PEGANACEAE

Compiled by E. Retief

*PEGANUM L.

3958000

harmala L.

- (1) Tutin. 1968. *Flora europaea* 2: 205.
 (2) Sheahan & Chase. 1996. *Botanical Journal of the Linnean Society* 122: 279–300.

Perennial. Dwarf shrub, herb. Ht ± 0.5 m. Alt ± 910–1000 m. NC, EC

PENAEACEAE

Compiled by J.P. Rourke

BRACHYSIPHON A.Juss.

5426000

- (1) Dahlgren. 1967. *Opera Botanica* 18: 1–41.
 (2) Rourke. 1995. *Nordic Journal of Botany* 15: 63–66.

acutus (Thunb.) Juss.

Perennial. Dwarf lignotuberous shrub. Ht 0.2–1 m. Alt 200–1000 m. WC

ericifolius A.Juss. = **Stylapterus ericifolius**

fucatus (L.) Gilg

B. imbricatus (Graham) A.Juss. (1)
 Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 300–1100 m. WC

imbricatus (Graham) A.Juss. = **B. fucatus**

microphyllus Rourke

Perennial. Dwarf shrub, lithophyte. Ht 0.1–0.5 m. Alt 1200–1400 m. WC

mundii Sond.

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 50–60 m. WC

petraeus W.F.Barker = **Sonderothamnus petraeus**

rupestris Sond.

Perennial. Dwarf shrub, lithophyte. Ht 0.05–0.4 m. Alt 30–50 m. WC

speciosus Sond. = **Sonderothamnus speciosus**

ENDONEMA A.Juss.

5423000

- (1) Dahlgren. 1967. *Botaniska Notiser* 120: 69–83.

lateriflora (L.f.) Gilg

Penaea lateriflora L.f. (1)
 Perennial. Shrub. Ht 0.5–3 m. Alt 1000–1200 m. WC

retzioides Sond.

Perennial. Lignotuberous shrub. Ht 0.35–1 m. Alt 480–700 m. WC

GLISCHROCOLLA (Endl.) A.DC. 5424000

- (1) Dahlgren. 1967. *Botaniska Notiser* 120: 57–68.
 (2) Rourke. 1969. *The Flowering Plants of Africa* 40: t. 1574.

formosa (Thunb.) R.Dahlgren

Penaea formosa Thunb. (1)
 Perennial. Shrub. Ht 0.5–1 m. Alt 1200–1500 m. WC

PENAEA L.

5425000

- (1) Dahlgren. 1971. *Opera Botanica*: 29: 1–58.
 (2) Rourke & McDonald. 1989. *South African Journal of Botany* 55: 400–404.

acutifolia Juss.

Perennial. Shrub. Ht 0.5–2 m. Alt 30–1000 m. WC

candolleana Stephens = **Stylapterus candolleanus****cneorum** Meerb. subsp. **cneorum**

Perennial. Shrub. Ht 1.2–2.5 m. Alt 61–213 m. WC

cneorum Meerb. subsp. **gigantea** R.Dahlgren

Perennial. Shrub. Ht 1–4 m. Alt 720–1300 m. WC

cneorum Meerb. subsp. **lanceolata** R.Dahlgren

Perennial. Shrub. Ht 0.5–3 m. Alt 350–1524 m. WC

cneorum Meerb. subsp. **ovata** (Eckl. & Zeyh. ex A.DC.) R.Dahlgren

P. ovata Eckl. & Zeyh. ex A.DC. (1)

Perennial. Shrub. Ht 0.6–2.5 m. Alt 460–1200 m. WC

cneorum Meerb. subsp. **ruscifolia** R.Dahlgren

Perennial. Shrub. Ht 0.7–2 m. Alt 300–840 m. WC

dahlgrenii Rourke

Perennial. Shrub. Ht 0.2–1.5 m. Alt 650–1000 m. WC

ericoides (A.Juss.) Endl. = **Stylapterus ericoides** subsp. **ericoides***formosa* Thunb. = **Glischrocolla formosa***fruticulosa* L.f. = **Stylapterus fruticulosus***lateriflora* L.f. = **Endonema lateriflora****mucronata** L.

Perennial. Lignotuberous, dwarf shrub. Ht 0.3–1 m. Alt 50–1000 m. WC

ovata Eckl. & Zeyh. ex A.DC. = **P. cneorum** subsp. **ovata***sarcocolla* L. = **Saltera sarcocolla**

SALTERA Bullock

5427000

- (1) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 421.
 (2) Dahlgren. 1968. *Opera Botanica* 18: 51–72.

sarcocolla (L.) Bullock

Penaea sarcocolla L. (2)

Sarcocolla minor DC. (2)

Sarcocolla squamosa (L.) Endl. (2)

Sarcocolla tetragona (P.J.Bergius) Salter (2)

Perennial. Lignotuberous shrub. Ht 0.2–1 m. Alt 50–1000 m. WC

SARCOCOLLA Kunth

5427010

minor DC. = **Saltera sarcocolla***squamosa* (L.) Endl. = **Saltera sarcocolla***tetragona* (P.J.Bergius) Salter = **Saltera sarcocolla**

SONDEROTHAMNUS R.Dahlgren 5426010(1) Dahlgren. 1968. *Opera Botanica* 18: 41–50.**petraeus** (W.F.Barker) R.Dahlgren*Brachysiphon petraeus* W.F.Barker (1)

Perennial. Dwarf shrub, lithophyte. Ht 0.1–0.4 m. Alt 0–200 m. WC

speciosus (Sond.) R.Dahlgren*Brachysiphon speciosus* Sond. (1)

Perennial. Dwarf lignotuberous shrub. Ht 0.25–0.6 m. Alt 250–350 m. WC

STYLAPTERUS A.Juss. 5425010(1) Dahlgren. 1967. *Opera Botanica*: 1–40.**barbatus** Juss.

Perennial. Dwarf shrub. Ht 0.35–0.6 m. Alt 100–1250 m. WC

candolleanus (Stephens) R.Dahlgren*Penaea candolleana* Stephens (1)

Perennial. Dwarf shrub. Ht? Alt? WC

dubius (Stephens) R.Dahlgren

Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 350–1300 m. WC

ericifolius (A.Juss.) R.Dahlgren*Brachysiphon ericifolius* A.Juss. (1)

Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 457–914 m. WC

ericoides A.Juss. subsp. **ericoides***Penaea ericoides* (A.Juss.) Endl. (1)

Perennial. Shrub. Ht 0.4–2 m. Alt 300–800 m. WC

ericoides A.Juss. subsp. **pallidus** R.Dahlgren

Perennial. Shrub, Ht 0.5–0.9 m. Alt 400–700 m. WC

fruticulosus (L.f.) A.Juss.*Penaea fruticulosa* L.f. (1)

Perennial. Dwarf lignotuberous shrub. Ht 0.3–1 m. Alt 50–300 m. WC

micranthus R.Dahlgren

Perennial. Shrub. Ht 0.9–1.2 m. Alt ± 366 m. WC

sulcatus R.Dahlgren

Perennial. Dwarf shrub. Ht 0.5–0.8 m. Alt 700–1000 m. WC

PHYTOLACCACEAE

Compiled by A.M. Makwarela & M.C. Makgakga

HILLERIA Vell. 2373000(1) Nowicke. 1968. *Annals of the Missouri Botanical Garden* 55: 339–342.
(2) Stannard. 1988. *FZ* 9,1: 167, 168.**latifolia** (Lam.) H. Walter

Perennial. Herb or subshrub, occ. suffrutescent. Ht up to 1.5 m. Alt? KZN

LOPHIOCARPUS Turcz. 2287000(1) Merxmüller. 1967. *FSWA* 24: 1, 2.
(2) Nowicke. 1968. *Annals of the Missouri Botanical Garden* 55: 353–355.
(3) Nowicke. 1969. *Annals of the Missouri Botanical Garden* 56: 288–290.
(4) Stannard. 1988. *FZ* 9,1: 169–173.**burchellii** Hook.f. = **L. polystachyus****dinteri** Engl.

Annual. Herb. Ht up to 0.4 m. Alt ?–1220 m. N, B

latifolius Nowicke

Perennial. Dwarf shrub, herb. Ht 1–1.2 m. Alt? N, KZN

polystachyus Turcz.*L. burchellii* Hook.f. (1)*Microtea burchellii* (Hook.f.) N.E.Br. (1)*Microtea gracilis* A.W.Hill (4)*Microtea polystachya* N.E.Br. (1)*Microtea polystachya* Turcz. (1)*Wallinia polystachya* (Turcz.) Moq. (1)

Perennial. Dwarf shrub, herb. Ht 0.1–0.5 m. Alt 210–2000 m. N, B, LIM, NW, G, M, FS, NC

tenuissimus Hook.f.*Microtea tenuissima* N.E.Br. (1)

Perennial. Herb. Ht 0.1–0.3 m. Alt 425–1525 m. N, B, LIM, NW, G, M, NC

MICROTEA Sw. 2372000*burchellii* (Hook.f.) N.E.Br. = **Lophiocarpus polystachyus**
gracilis A.W.Hill = **Lophiocarpus polystachyus***polystachya* N.E.Br. = **Lophiocarpus polystachyus***polystachya* Turcz. = **Lophiocarpus polystachyus***tenuissima* N.E.Br. = **Lophiocarpus tenuissimus****PHYTOLACCA** L. 2380000(1) Hill. 1912. *FC* 5,1: 456–459.
(2) Nowicke. 1968. *Annals of the Missouri Botanical Garden* 55: 303–361.
(3) Stannard. 1988. *FZ* 9,1: 164–167.**abyssinica** O.Hoffm. = **P. dodecandra****americana** L.*P. decandra* L. (2)

Perennial. Herb, succulent. Ht up to 3 m. Alt 20–1600 m. LIM, KZN, L, WC, EC

americana L. var. *mexicana* L. = **P. octandra***decandra* L. = **P. americana*****dioica** L.

Perennial. Tree. Ht up to 25 m. Alt 40–1525 m. N, B, LIM, NW, G, M, KZN, WC, EC

dodecandra L'Hér.*P. abyssinica* O.Hoffm. (2)*Pircunia abyssinica* Moq. (2)

Perennial. Shrub, climber, succulent. Ht 1.5–4 m. Length 10–13 m. Alt 5–670 m. KZN, WC, EC

heptandra Retz.*P. stricta* O.Hoffm. (2)*Pircunia stricta* Hoffm. (2)

Perennial. Herb. Ht 0.2–1 m. Alt 155–2160 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

octandra L.*P. americana* L. var. *mexicana* L. (1)

Perennial. Herb, succulent. Ht up to 2 m. Alt 8–2134 m. LIM, G, M, S, FS, KZN, WC, EC

stricta O.Hoffm. = **P. heptandra**

- PIRCUNIA** Bertero 2381000 **humilis** L.
abyssinica Moq. = **Phytolacca dodecandra**
stricta Hoffm. = **Phytolacca heptandra**
 Perennial. Herb, occ. subshrub. Ht 0.3–1.2 m. Alt 5–175 m. G, KZN, EC
- ***RIVINA** L. 2370000 **WALLINIA** Moq. 2287010
 (1) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 160.
 (2) Stannard. 1988. *FZ* 9,1: 169.
polystachya (Turcz.) Moq. = **Lophiocarpus polystachyus**

PIPERACEAE

Compiled by M. Jordaan

- PEPEROMIA** Ruiz & Pav. 1866000 *retusa* (L.f.) A.Dietr. var. *ciliolata* C.DC. = **P. retusa** var. **retusa**
 (1) Düll. 1973. *Botanische Jahrbücher* 93: 56–119.
 (2) Verdcourt. 1996. *FTEA* Piperaceae: 9–21.
 (3) Diniz. 1996. *Kirkia* 16: 69–83.
 (4) Diniz. 1997. *FZ* 9,2: 29–37.
 (5) Immelman. 2000. *Bothalia* 30: 27–30.
arabica Decne. = **P. blanda**
bachmannii C.DC. = **P. retusa** var. **bachmannii**
blanda (Jacq.) Kunth
P. arabica Decne. (2)
P. blanda (Jacq.) Kunth var. *leptostachya* (Hook. & Arn.) Düll (2)
P. leptostachya Hook. & Arn. (2)
 Perennial. Herb, succulent. Ht 0.05–0.1 m. Alt 20–1850 m. LIM, M, S, KZN, EC
blanda (Jacq.) Kunth var. *leptostachya* (Hook. & Arn.) Düll = **P. blanda**
leptostachya Hook. & Arn. = **P. blanda**
reflexa (L.f.) A.Dietr. = **P. tetraphylla**
reflexa (L.f.) A.Dietr. var. *capense* (Miq.) C.DC. = **P. tetraphylla**
retusa (L.f.) A.Dietr. var. **bachmannii** (C.DC.) Düll
P. bachmannii C.DC. (1)
 Perennial. Herb, succulent. Ht 0.05–0.1 m. Alt 20–2000 m. M, S, FS, KZN, WC, EC
- PIPER** L. 1862000
 (1) Killick. 1970. *The Flowering Plants of Africa* 40: t. 1583.
 (2) Verdcourt. 1996. *FTEA* Piperaceae: 1–9.
 (3) Diniz. 1997. *FZ* 9,2: 25–28.
 (4) Immelman. 2000. *Bothalia* 30: 25–27.
capense L.f. var. **capense**
 Perennial. Shrub. Ht 0.5–3 m. Alt 15–1760 m. LIM, M, S, KZN, WC, EC
- retusa** (L.f.) A.Dietr. var. **retusa**
P. retusa (L.f.) A.Dietr. var. *ciliolata* C.DC. (1)
 Perennial. Herb, succulent. Ht 0.1–0.2 m. Alt 90–1760 m. LIM, M, S, KZN, WC, EC
- rotundifolia** (L.) Kunth
 Perennial. Herb, succulent, occ. epiphyte. Ht variable. Alt 30–610 m. KZN, EC
- tetraphylla** (G.Forst.) Hook. & Arn.
P. reflexa (L.f.) A.Dietr. (1)
P. reflexa (L.f.) A.Dietr. var. *capense* (Miq.) C.DC. (1)
 Perennial. Herb, succulent. Ht 0.1–0.15 m. Alt 1020–2135 m. LIM, NW, G, M, S, KZN, L, WC, EC

PITTOSPORACEAE

Compiled by M. Jordaan

- ***HYMENOSPORUM** R.Br. ex F.Muell. 3254000 *antunesii* Engl. = **P. viridiflorum**
 (1) Cufodontis. 1961. *FZ* 1: 298.
commutatum Putt. = **P. viridiflorum**
flavum (Hook.) R.Br. ex F.Muell.
 Perennial. Tree or shrub. Ht 1–15 m. Alt 0–1000 m. KZN
 ***crassifolium** A.Cunn.
 Perennial. Tree. Ht 1–4 m. Alt 914–1700 m. WC, EC
floribundum Wight & Arn. = **P. viridiflorum**
kruegeri Engl. = **P. viridiflorum**
malosanum Baker = **P. viridiflorum**
quartinianum Cufod. = **P. viridiflorum**
 ***undulatum** Vent.
 Perennial. Tree. Ht 3–6 m. Alt 30–855 m. KZN, WC, EC
- PITTOSPORUM** Banks ex Sol. 3252000 **viridiflorum** Sims
 (1) Cufodontis. 1961. *FZ* 1: 298–303.
 (2) Cufodontis. 1966. *FTEA* Pittosporaceae: 1–13.
 (3) Faria. 1973. *Agronomia Moçambicana* 7: 99–103.
 (4) Hillier. 1981. *Manual of trees & shrubs*: 223, 224.
 (5) Friis. 1987. *Kew Bulletin* 42: 319–335.
 (6) Killick. 1991. *The Flowering Plants of Africa* 51: t. 2026.
abyssinicum Delile var. *angolense* Oliv. = **P. viridiflorum**
P. antunesii Engl. (1)

P. commutatum Putt. (1)
P. floribundum Wight & Arn. (1)
P. kruegeri Engl. (1)
P. malosanam Baker (1)
P. quartinianum Cufod. (1)
P. viridiflorum Sims subsp. *malosanum* (Baker) Cufod. (5)
P. viridiflorum Sims subsp. *quartinianum* (Cufod.) Cufod. (5)
P. viridiflorum Sims var. *angolense* (Oliv.) Cufod. (5)
P. viridiflorum Sims var. *commutatum* (Putt.) Moeser (5)
P. viridiflorum Sims var. *kruegeri* (Engl.) Moeser (5)
P. vosseleri Engl. (2)

Perennial. Tree or shrub. Ht 2–10 m. Alt 5–1800 m.
 LIM, NW, G, M, S, FS, KZN, L, WC, EC

viridiflorum Sims subsp. *malosanum* (Baker) Cufod. =
P. viridiflorum
viridiflorum Sims subsp. *quartinianum* (Cufod.) Cufod.
 = **P. viridiflorum**
viridiflorum Sims var. *angolense* (Oliv.) Cufod. = **P.**
viridiflorum
viridiflorum Sims var. *commutatum* (Putt.) Moeser = **P.**
viridiflorum
viridiflorum Sims var. *kruegeri* (Engl.) Moeser = **P.**
viridiflorum
vosseleri Engl. = **P. viridiflorum**

PLANTAGINACEAE

Compiled by W.G. Welman

PLANTAGO L. 8116000

(1) Glen. 1998. *Bothalia* 28: 151–157.

**afra* L.

Annual. Herb. Ht 0.15–0.35 m. Alt? WC, EC?

**aristata* Michx.

Perennial. Herb. Ht 0.3–0.45 m. Alt 1500–1800 m. G,
 FS, KZN

**bigelovii* A.Gray

Annual. Herb. Ht 0.03–0.15 m. Alt? WC

cafra Decne.

P. capillaris E.Mey. ex Decne. (1)

Annual. Herb. Ht 0.02–0.15 m. Alt 120–1500 m. N,
 NC, WC

capillaris E.Mey. ex Decne. = **P. cafra**

carnosa Lam. = **P. crassifolia** var. **crassifolia**

**coronopus* L.

Annual. Herb. Ht 0.07–0.35 m. Alt 200–800 m. WC,
 EC

crassifolia Forssk. var. **crassifolia**

P. carnosa Lam. (1)

P. litoraria Fourc. (1)

Perennial. Dwarf shrub or herb. Ht 0.12–0.4 m. Alt
 1–765 m. WC, EC

crassifolia Forssk. var. **hirsuta** (Thunb.) Bég.

P. hirsuta Thunb. (1)

Perennial. Dwarf shrub or herb. Ht 0.09–0.3 m. Alt?
 WC, EC

dregeana Decne. = **P. major**

hirsuta Thunb. = **P. crassifolia** var. **hirsuta**

lanceolata L.

Perennial. Herb. Ht 0.02–0.8 m. Alt 5–2425 m. N, B,
 LIM, NW, G, M, FS, KZN, L, NC, WC, EC

laxiflora Decne.

Annual? Herb. Ht 0.32–0.95 m. Alt? EC

litoraria Fourc. = **P. crassifolia** var. **crassifolia**

longissima Decne.

P. longissima Decne. var. *burkei* Pilg. (1)

P. longissima Decne. var. *densiuscula* Pilg. (1)

Perennial. Herb. Ht 0.25–1.2 m. Alt 610–2150 m.
 LIM, NW, G, M, S, KZN, EC

longissima Decne. var. *burkei* Pilg. = **P. longissima**

longissima Decne. var. *densiuscula* Pilg. = **P. longissi-**
ma

major L.

P. dregeana Decne. (1)

Perennial. Herb. Ht 0.1–0.45 m. Alt 10–1705 m. N,
 LIM, NW, G, M, FS, KZN, L, NC, WC, EC

**myosuroides* Lam.

Annual or perennial. Herb. Ht 0.08–0.25 m. Alt
 ?–1844 m. G, M, KZN, EC

remota Lam.

Perennial. Herb. Ht 0.2–0.5 m. Alt ?–610 m. WC, EC

**rhodosperma* Decne.

Annual. Herb. Ht 0.06–0.5 m. Alt 40–50 m. EC

**virginica* L.

Perennial. Herb. Ht 0.25–0.55 m. Alt 30–2000 m.
 LIM, G, M, FS, KZN, WC, EC

PLUMBAGINACEAE

Compiled by C.L. Bredenkamp

AFROLIMON Lincz. 6351020

(1) Linczevski. 1979. *Novosti Sistematiki Vysshikh Rastenij* 16: 167, 168.
 (2) Kubitzki. 1993. *The families and genera of vascular plants—dicotyledons*, Vol. 2: 529.

amoenum (C.H.Wright) Lincz.

Limonium amoenum (C.H.Wright) R.A.Dyer (1)

Statice amoena C.H.Wright (1)

Perennial. Dwarf shrub. Ht 0.3–? m. Alt ± 700 m. NC,
 WC

capense (L.Bolus) Lincz.

Limonium capense (L.Bolus) L.Bolus (1)

Statice capensis L.Bolus (1)

Perennial. Dwarf shrub. Ht 0.3–0.45 m. Alt ± 40 m.
 WC

longifolium (Thunb.) Lincz.*Limonium longifolium* (Thunb.) R.A.Dyer (1)*Statice longifolia* Thunb. (1)Perennial. Dwarf shrub. Ht 0.3–0.45 m. Alt ± 200 m.
NC, WC**namaquanum** (L.Bolus) Lincz.*Limonium namaquanum* L.Bolus (1)Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 0–300 m.
NC**perigrinum** (P.J.Bergius) Lincz.*Limonium perigrinum* (P.J.Bergius) R.A.Dyer (1)*Limonium roseum* (Sm.) Kuntze (1)*Statice perigrina* P.J.Bergius (1)

Perennial. Shrub. Ht ± 1 m. Alt 0–100 m. NC, WC

purpuratum (L.) Lincz.*Limonium purpuratum* (L.) F.T.Hubb. ex L.H.Bailey (1)*Statice purpurata* L. (1)Perennial. Dwarf shrub. Ht 0.3–0.45 m. Alt 0–300 m.
WC**teretifolium** (L.) Lincz.*Limonium teretifolium* L.Bolus (1)Perennial. Dwarf shrub. Ht ± 0.2 m. Alt 700–1000 m.
WC**DYEROPHYTUM** Kuntze 6345000(1) Dyer. 1963. *FSA* 26: 19, 20.**africanum** (Lam.) Kuntze*Vogelia africana* Lam. (1)

Perennial. Shrub. Ht 0.1–5 m. Alt 200–1850 m. N, NC

LIMONIUM Mill. 6351010(1) Dyer. 1963. *FSA* 26: 20–31.(2) Roessler & Schreiber. 1967. *FSWA* 105: 1–4.(3) Pignatti. 1972. *Flora europaea* 3: 38–50.(4) Erben. 1978. *Mitteilungen aus der Botanischen Staatssammlung München* 14: 361–631.(5) Kubitzki. 1993. *The families and genera of vascular plants—dicotyledons*, Vol. 2: 529, 530.**acuminatum** L.BolusPerennial. Dwarf shrub. Ht up to 0.35 m. Alt 15–45 m.
WC*amoenum* (C.H.Wright) R.A.Dyer = **Afrolimon amoenum****anthericoides** (Schltr.) R.A.Dyer*Statice anthericoides* Schltr. (1)Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 15–110 m.
WC*capense* (L.Bolus) L.Bolus = **Afrolimon capense****decumbens** (Boiss.) Kuntze*Statice decumbens* Boiss. (1)Perennial. Dwarf shrub. Ht up to 0.2 m. Alt 0–100 m.
WC**depauperatum** (Boiss.) R.A.Dyer*Statice equisetina* Boiss. var. *depauperata* Boiss. (1)

Perennial. Shrub or dwarf shrub. Ht up to 0.5 m. Alt up to 100 m. WC

dregeanum (C.Presl) Kuntze*Statice dregeana* C.Presl (1)

Perennial. Dwarf shrub. Ht 0.18–0.3 m. Alt 540–1366 m. N, NC, WC, EC

dyeri Lincz.*L. membranaceum* R.A.Dyer (2)

Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt up to 30 m. N

equisetinum (Boiss.) R.A.Dyer*Statice equisetina* Boiss. (1)Perennial. Dwarf shrub. Ht 0.05–0.1 m. Alt 1–305 m.
WC**kraussianum** (Buchinger ex Boiss.) Kuntze*Statice kraussiana* Buchinger ex Boiss. (1)Perennial. Dwarf shrub. Ht up to 0.1 m. Alt 30–165 m.
WC**linifolium** (L.f.) Kuntze var. **linifolium***Statice linifolia* L.f. (1)

Perennial. Shrub, dwarf shrub. Ht up to 1.25 m. Alt 3–580 m. WC, EC

linifolium (L.f.) Kuntze var. **maritimum** (Eckl. & Zeyh. ex Boiss.) R.A.Dyer*Statice linifolia* L.f. var. *maritima* Eckl. & Zeyh. ex Boiss. (1)Perennial. Dwarf shrub. Ht up to 0.2 m. Alt 3–60 m.
WC, EC*longifolium* (Thunb.) R.A.Dyer = **Afrolimon longifolium***membranaceum* R.A.Dyer = **L. dyeri***namaquanum* L.Bolus = **Afrolimon namaquanum***perigrinum* (P.J.Bergius) R.A.Dyer = **Afrolimon peregrinum***purpuratum* (L.) F.T.Hubb. ex L.H.Bailey = **Afrolimon purpuratum***roseum* (Sm.) Kuntze = **Afrolimon peregrinum****scabrum** (Thunb.) Kuntze var. **avenaceum** (C.H.Wright) R.A.Dyer*Statice avenacea* C.H.Wright (1)Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 10–60 m.
WC**scabrum** (Thunb.) Kuntze var. **corymbulosum** (Boiss.) R.A.Dyer

Perennial. Dwarf shrub. Ht up to 0.15 m. Alt up to 30 m. WC

scabrum (Thunb.) Kuntze var. **scabrum***Statice scabra* Thunb. (1)Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 1–305 m.
NC, WC, EC**sinuatum** (L.) Mill.

Perennial. Herb. Ht up to 0.45 m. Alt 5–900 m. NC, WC, EC

teretifolium L.Bolus = **Afrolimon teretifolium****PLUMBAGO** L. 6343000(1) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 222.(2) Steenis. 1949. *Flora Malesiana* 4: 109–111.(3) Dyer. 1963. *FSA* 26: 16–19.(4) Roessler & Schreiber. 1967. *FSWA* 105: 3.(5) Kubitzki. 1993. *The families and genera of vascular plants—dicotyledons*, Vol. 2: 527.**auriculata** Lam.*P. capensis* Thunb. (3)

Perennial. Shrub. Ht 0.3–1.4 m. Alt 15–1623 m. G, M, FS, KZN, WC, EC

capensis Thunb. = **P. auriculata****pearsonii** L.Bolus

Perennial. Shrub. Ht 0.45–1.5 m. Alt up to 1510 m. N

tristis AitonPerennial. Shrub. Ht up to 0.8 m. Alt 305–1000 m.
WC**wissii** Friedrich

Perennial. Shrub. Length up to 1 m. Alt ± 1500 m. N

zeylanica L.

Perennial. Shrub. Ht 0.3–2 m. Alt 75–1950 m. N, B,
LIM, NW, G, M, S, FS, KZN, NC

STATICE Boiss. 6351000

amoena C.H.Wright = **Afrolimon amoenum**

anthericoides Schltr. = **Limonium anthericoides**

avenacea C.H.Wright = **Limonium scabrum** var. **avenaceum**

capensis L.Bolus = **Afrolimon capense**

decumbens Boiss. = **Limonium decumbens**

dregeana C.Presl = **Limonium dregeanum**

equisetina Boiss. = **Limonium equisetinum**

equisetina Boiss. var. *depauperata* Boiss. = **Limonium depauperatum**

kraussiana Buchinger ex Boiss. = **Limonium kraussianum**

linifolia L.f. = **Limonium linifolium** var. **linifolium**

linifolia L.f. var. *maritima* Eckl. & Zeyh. ex Boiss. = **Limonium linifolium** var. **maritimum**

longifolia Thunb. = **Afrolimon longifolium**

perigrina P.J.Bergius = **Afrolimon peregrinum**

purpurata L. = **Afrolimon purpuratum**

scabra Thunb. = **Limonium scabrum** var. **scabrum**

VOGELIA Lam. 6345010

africana Lam. = **Dyerophytum africanum**

PODOSTEMACEAE

Compiled by R.P. Glen & C.D.K. Cook

DICRAEIA Thouars 3151000

warmingii Engl. = **Letestuela tisserantii**

DUFOURIA Bory 3140010

trifaria Bory ex Willd. = **Tristicha trifaria** subsp. **trifaria**

INVERSODICRAEA Engl. 3151010

warmingiana (Gilg) Engl. = **Ledermanniella warmingiana**

LACIS Schreb. 3150000

ceratophylla in sense of Drège, misapplied name = **Sphaerothylax algiformis**

LEDERMANNIELLA Engl. 3151020

(1) Obermeyer. 1970. *FSA* 13: 205, 208.

(2) Cusset. 1974. *Adansonia* 14,2: 271–275.

warmingiana (Gilg) C.Cusset

Inversodicraea warmingiana (Gilg) Engl. (2)

Sphaerothylax warmingiana Gilg ex Warm. (1)

Perennial. Hydrophyte: haptophyte. Ht 10–100 mm.

Alt 600–900 m. N

LEIOTHYLAX Warm. 3152000

warmingii (Engl.) Warm. = **Letestuela tisserantii**

warmingii of author, not of (Engl.) Warm., concept invalid = **Letestuela tisserantii**

LETESTUELLA G.Taylor 3152010

(1) Taylor. 1953. *Bulletin of the British Museum (National History, Botany)* 1,3: 57.

(2) Obermeyer. 1970. *FSA* 13: 205, 208, 209.

(3) Cusset. 1980. *Adansonia* 20: 199–209.

tisserantii G.Taylor

Dicraeia warmingii Engl. (2)

Leiothylax warmingii (Engl.) Warm. (3)

Leiothylax warmingii of author, not of (Engl.) Warm., concept invalid (3)

Perennial. Hydrophyte: haptophyte. Ht 60–200 mm.

Alt 600–900 m. N

SPHAEROTHYLAX Bisch. 3159000

(1) Obermeyer. 1970. *FSA* 13: 205, 209–211.

(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 81.

algiformis Bisch. ex C.Krauss

Lacis ceratophylla in sense of Drège, misapplied name (1)

S. wageri G.Taylor (1)

Perennial. Hydrophyte: haptophyte. Ht 30–90 mm. Alt

1000–2700 m. M, KZN, EC

wageri G.Taylor = **S. algiformis**

warmingiana Gilg ex Warm. = **Ledermanniella warmingiana**

TRISTICHA Thouars 3140000

(1) Hill. 1912. *FC* 5: 482, 483.

(2) Merxmüller. 1966. *FSWA* 62: 1, 2.

(3) Obermeyer. 1970. *FSA* 13: 205–207.

(4) Cusset & Cusset. 1988. *Bulletin du Muséum National d'Histoire Naturelle* 10: 169–171.

dregeana Tul. = **T. trifaria** subsp. **trifaria**

hypnoides Spreng. = **T. trifaria** subsp. **trifaria**

trifaria (Bory ex Willd.) Spreng. subsp. **trifaria**

Dufouria trifaria Bory ex Willd. (3)

T. dregeana Tul. (2)

T. hypnoides Spreng. (3)

Perennial. Hydrophyte: haptophyte. Ht 8–170 mm. Alt

140–1470 m. N, LIM, M, KZN, EC

POLYGALACEAE

Compiled by C.L. Bredenkamp

- HETEROSAMARA** Kuntze 4273001
(1) Paiva. 1998. *Fontqueria* 50: 117–136.
- galpinii** (Hook.f.) Paiva
Polygala galpinii Hook.f. (1)
Perennial. Shrub. Ht 0.9–1.5 m. Alt 900–1600 m. M,
S, KZN
- MUNDIA** Kunth 4279010
scoparia Eckl. & Zeyh. = **Nylandtia scoparia**
spinosa (L.) DC. = **Nylandtia spinosa**
- MURALTIA** DC. 4278000
(1) Levyns. 1954. *Journal of South African Botany*, Suppl. Vol. 2: 5–247.
(2) Paiva. 1981. *Bothalia* 13: 458–460.
(3) Vlok. 1989. *South African Journal of Botany* 55: 365–368.
- acerosa** Harv.
Perennial. Dwarf shrub. Ht 0.08–0.16 m. Alt? WC
- acicularis** Harv.
Perennial. Dwarf shrub. Ht 0.25–0.5 m. Alt 517–1220
m. NC, WC
- acipetala** Harv.
Perennial. Dwarf shrub. Ht 0.15–0.2 m. Alt 215–305
m. WC
- aciphylla** Levyns
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt? WC
- alba** Levyns
M. alopecuroides (L.) DC. var. *latifolia* Harv. in part (1)
Perennial. Dwarf shrub. Ht 0.5–0.7 m. Alt 310–1145
m. WC
- alopecuroides** (L.) DC.
M. candollei Eckl. & Zeyh. (1)
M. conferta DC. (1)
M. macroceras in sense of Eckl. & Zeyh., not of DC., misapplied
name (1)
M. squarrosa Eckl. & Zeyh., not of (L.f.) DC. (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 0–2100
m. WC, EC
- alopecuroides* (L.) DC. var. *latifolia* Harv. in part = **M. alba**
- alticola** Schltr.
Perennial. Shrub, dwarf shrub. Ht 0.1–1.5 m. Alt
61–2500 m. FS, KZN, L, NC, WC, EC
- angulosa** Turcz.
M. striata Eckl. & Zeyh., not of DC. (1)
Perennial. Dwarf shrub. Ht ± 0.5 m. Alt 550–1525 m.
NC, WC
- angustiflora** Levyns
Perennial. Dwarf shrub. Ht ± 0.5 m. Alt up to 700 m.
WC
- anthospermifolia* Eckl. & Zeyh. = **M. ciliaris**
- arachnoidea** Chodat
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 548–1426
m. WC
- aspalatha** DC.
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 15–215 m.
WC
- aspalathoides** Schltr.
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 30–155 m.
WC
- asparagifolia** Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht ± 0.5 m. Alt ± 610 m. WC
- aspera* Eckl. & Zeyh. = **M. thymifolia**
- azorella* Chodat = **M. empetroides**
- barkeriae** Levyns
Perennial. Dwarf shrub. Ht ± 0.2 m. Alt ± 18 m. WC
- beiliana* (Eckl. & Zeyh.) Harv. = **M. muraltioides**
- bolusii** Levyns
Perennial. Dwarf shrub. Ht? Alt 1–500 m. WC
- bondii** Vlok
Perennial. Shrub, dwarf shrub. Ht 0.3–0.8 m. Alt ±
1600 m. WC
- brachyceras** Schltr.
Perennial. Dwarf shrub. Ht ± 0.25 m. Alt 915–1463 m.
WC
- brachypetala** Wolley-Dod
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 230–350 m.
WC
- brevicornu** DC.
M. striata DC. (1)
Perennial. Shrub, dwarf shrub. Ht 0.5–1.82 m. Alt
115–915 m. WC
- brevifolia* DC. = **M. dumosa**
- burmannii* DC. = **M. ericoides**
- caledonensis** Levyns
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt up to 300
m. WC
- calycina** Harv.
Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 80–215 m.
WC
- candollei* Eckl. & Zeyh. = **M. alopecuroides**
- capensis** Levyns
Perennial. Dwarf shrub. Ht 0.1–0.15 m. Alt? WC
- carnosa** E.Mey. ex Harv.
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt 1100–2000 m.
WC, EC
- chamaepitys** Chodat
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 245–915 m.
WC
- ciliaris** DC.
M. anthospermifolia Eckl. & Zeyh. (1)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 15–765 m.
WC
- cliffortiifolia** Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht ± 0.6 m. Alt ± 860 m. WC
- collina** Levyns
Perennial. Dwarf shrub. Ht 0.1–0.35 m. Alt 5–600 m.
WC
- commutata** Levyns
Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 900–1500
m. WC

- comptonii** Levyns
Perennial. Dwarf shrub. Ht \pm 0.5 m. Alt 155–305 m. WC
- concava** Levyns
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt \pm 1525 m. WC
- conferta* DC. = **M. alopecuroides**
- conjuncta* Chodat = **M. empetroides**
- crassifolia** Harv.
Perennial. Dwarf shrub. Ht 0.08–0.16 m. Alt 1370–1981 m. WC
- curvipetala** Levyns
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 270–900 m. WC
- cuspidifolia** Chodat
Perennial. Dwarf shrub. Ht 0.07–0.1 m. Alt \pm 155 m. WC
- cyclolopha** Chodat
Perennial. Dwarf shrub. Ht 0.06–0.7 m. Alt 7–60 m. WC
- decipiens** Schltr.
Perennial. Dwarf shrub. Ht \pm 0.2 m. Alt \pm 425 m. WC
- demissa** Wolley-Dod
Perennial. Dwarf shrub. Ht 0.25–0.3 m. Alt 155–700 m. WC
- depressa** DC.
Perennial. Dwarf shrub. Ht 0.16–0.25 m. Alt 15–200 m. WC
- diabolica** Levyns
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt? WC
- diffusa* DC. = **M. stipulacea**
- dispersa** Levyns
Perennial. Dwarf shrub. Ht 0.16–0.5 m. Alt 120–1500 m. WC
- divaricata** Eckl. & Zeyh.
M. incompta Harv. (1)
Perennial. Dwarf shrub. Ht \pm 0.5 m. Alt 250–765 m. NC, WC, EC
- divaricata* Eckl. & Zeyh. var. *obtusifolia* Harv. = **M. rhamnoides**
- dregei* Harv., not of C.Presl = **M. harveyana**
- dumosa** (Poir.) DC.
M. brevifolia DC. (1)
Perennial. Dwarf shrub. Ht 0.03–1.5 m. Alt 55–900 m. WC
- ecornuta* N.E.Br. = **M. flanaganii**
- elsieae** Paiva
Perennial. Dwarf shrub. Ht \pm 1.5 m. Alt? WC
- empetroides** Chodat
M. azurella Chodat (1)
M. conjuncta Chodat (1)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 1200–2010 m. LIM, G, M, S, L
- empleuridioides** Schltr. var. **diversifolia** Levyns
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 21–500 m. WC
- empleuridioides** Schltr. var. **empleuridioides**
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 10–915 m. WC, EC
- ericaefolia** DC.
Perennial. Shrub, dwarf shrub. Ht 0.3–1.52 m. Alt 5–1830 m. WC, EC
- ericoides** (Burm.f.) Steud.
M. burmannii DC. (1)
M. faciculata (Poir.) DC. (1)
M. linophylla DC. (1)
M. neglecta Levyns (1)
M. poiretii DC. (1)
M. stipulacea in sense of (Thunb.) Harv., not of (Burm.f.) DC., misapplied name (1)
M. virgata DC. (1)
Perennial. Dwarf shrub. Ht 0.13–0.4 m. Alt 5–3078 m. WC
- exilis* Schltr. = **M. filiformis** var. **filiformis**
- faciculata* (Poir.) DC. = **M. ericoides**
- ferox** Levyns
Perennial. Dwarf shrub. Ht 0.5–0.6 m. Alt \pm 300 m. WC
- filiformis** (Thunb.) DC. var. **caledonensis** Levyns
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 20–1250 m. WC
- filiformis** (Thunb.) DC. var. **filiformis**
M. exilis Schltr. (1)
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt? WC
- flanaganii** Bolus
M. ecornuta N.E.Br. (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 1160–3355 m. LIM, M, FS, KZN, L, EC
- gillettiae** Levyns
Perennial. Dwarf shrub. Ht 0.06–0.25 m. Alt? WC
- guthriei** Levyns
Perennial. Dwarf shrub. Ht \pm 0.45 m. Alt? WC
- harveyana** Levyns
M. dregei Harv., not of C.Presl (1)
Perennial. Dwarf shrub. Ht \pm 0.6 m. Alt 1–650 m. WC
- heisteria** (L.) DC.
Perennial. Shrub, dwarf shrub. Ht 0.2–2.43 m. Alt 5–1705 m. NC, WC, EC
- hirsuta** Levyns
Perennial. Dwarf shrub. Ht 0.1–0.15 m. Alt up to 120 m. WC
- horrida** Diels
Perennial. Dwarf shrub. Ht 0.2–0.91 m. Alt 900–1585 m. NC, WC
- hyssopifolia** Chodat
Perennial. Dwarf shrub. Ht 0.15–0.45 m. Alt 460–925 m. WC
- incompta* Harv. = **M. divaricata**
- inconstans* Levyns = **M. thymifolia**
- juniperifolia** (Poir.) DC.
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 600–1400 m. WC, EC
- karroica** Levyns
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 760–1463 m. WC
- knysnaensis** Levyns
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt up to 155 m. WC
- lancifolia** Harv.
M. pilosa Harv. (1)

- Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 60–1525 m.
KZN, EC
- langebergensis** Levyns
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt ± 1500 m.
WC
- laricifolia* Eckl. & Zeyh. = **M. macroceras**
- leptorhiza** Turcz.
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt 305–1250 m.
WC
- lewisiae** Levyns
Perennial. Dwarf shrub. Ht ± 0.5 m. Alt? WC
- lignosa** Levyns
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt 900–1220 m.
WC
- linophylla* DC. = **M. ericoides**
- longicuspis** Turcz.
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 1200–1830 m.
WC
- macowanii** Levyns
Perennial. Shrub, dwarf shrub. Ht 0.4–1.21 m. Alt 155–1160 m.
WC
- macrocarpa** Eckl. & Zeyh.
Perennial. Shrub, dwarf shrub. Ht 0.4–1.21 m. Alt 600–2440 m. L, WC, EC
- macroceras** DC.
M. laricifolia Eckl. & Zeyh. (1)
Perennial. Shrub, dwarf shrub. Ht 0.15–1.2 m. Alt 30–1387 m. WC, EC
- macroceras* in sense of Eckl. & Zeyh., not of DC., misapplied name = **M. alopecuroides**
- macropetala** Harv.
Perennial. Shrub, dwarf shrub. Ht 0.3–0.8 m. Alt 40–426 m. WC
- micrantha* (Thunb.) A.Dietr. = **M. stipulacea**
- minuta** Levyns
Perennial. Dwarf shrub. Ht 0.06–0.2 m. Alt ± 5 m. WC
- mitior** (P.J.Bergius) Levyns
Perennial. Shrub, dwarf shrub. Ht 0.4–1 m. Alt 19–1675 m. WC
- mixta** (L.f.) DC.
Perennial. Dwarf shrub. Ht up to 0.16 m. Alt 230–1675 m. WC
- montana** Levyns
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 1800–? m.
WC
- muirii** F.Bolus
Perennial. Dwarf shrub. Ht 0.14–0.2 m. Alt 300–600 m. WC
- muraltioides** (Eckl. & Zeyh.) Levyns
M. beiliana (Eckl. & Zeyh.) Harv. (1)
Polygala beiliana Eckl. & Zeyh. in part (1)
Polygala muraltioides Eckl. & Zeyh. (1)
Perennial. Dwarf shrub. Ht ± 0.15 m. Alt 130–975 m.
WC
- mutabilis** Levyns
Perennial. Dwarf shrub. Ht ± 0.5 m. Alt? WC
- namaquensis** Levyns
Perennial. Shrub, dwarf shrub. Ht 0.5–0.91 m. Alt ± 610 m. NC, WC
- neglecta* Levyns = **M. ericoides**
- obovata** DC.
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 106–840 m. NC, WC
- occidentalis** Levyns
Perennial. Dwarf shrub. Ht ± 0.4 m. Alt? WC
- ononidifolia** Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.15–1.16 m. Alt 90–825 m. WC
- orbicularis** Hutch.
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 155–245 m. WC
- origanoides** C.Presl
M. reticulata Harv. (1)
Perennial. Dwarf shrub. Ht 0.22–0.45 m. Alt 60–670 m. WC
- oxysepala** Schltr.
Perennial. Dwarf shrub. Ht 0.15–0.35 m. Alt 152–550 m. WC
- pachyphylla* Chodat = **M. rhamnoides**
- pageae** Levyns
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt up to 82 m. WC
- paludosa** Levyns
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt? WC
- pappeana** Harv.
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 18–213 m. WC
- parvifolia** N.E.Br.
Perennial. Shrub, dwarf shrub. Ht 0.25–1 m. Alt 759–1375 m. NC, WC
- pauciflora** (Thunb.) DC.
Perennial. Shrub, dwarf shrub. Ht 0.2–1.2 m. Alt 120–1525 m. WC
- petraea* Chodat = **M. polyphylla**
- phylicoides* Harv., not of DC. = **M. thunbergii**
- pillansii** Levyns
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 90–915 m. WC
- pilosa* Harv. = **M. lancifolia**
- plumosa** Chodat
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 600–1200 m. WC
- poiretii* DC. = **M. ericoides**
- polyphylla** (DC.) Levyns
M. petraea Chodat (1)
Polygala polyphylla DC. (4)
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 1070–1680 m. WC
- pottebergensis** Levyns
Perennial. Dwarf shrub. Ht ± 0.8 m. Alt ± 185 m. WC
- pubescens** DC.
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 750–? m. WC
- pungens** Schltr.
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 15–245 m. WC
- rara** Levyns

- Perennial. Dwarf shrub. Ht ± 0.3 m. Alt up to 2000 m.
EC
- reticulata* Harv. = **M. origanoides**
- rhamnoides** Chodat
M. divaricata Eckl. & Zeyh. var. *obtusifolia* Harv. (1)
M. pachyphylla Chodat (1)
Perennial. Shrub, dwarf shrub. Ht 0.05–0.91 m. Alt
45–1700 m. NC, WC
- rhinostigma* Chodat = **M. salsolacea**
- rigida** E.Mey. ex Turcz.
Perennial. Shrub, dwarf shrub. Ht 0.05–0.4 m. Alt
1220–1524 m. NC
- rosmarinifolia** Levyns
Perennial. Dwarf shrub. Ht ± 0.25 m. Alt ± 210 m. WC
- rubeacea** Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht 0.2–1.21 m. Alt 60–610 m.
WC
- salsolacea** Chodat
M. rhinostigma Chodat (1)
Perennial. Dwarf shrub. Ht 0.2–0.35 m. Alt 18–1524
m. WC
- salteri* Levyns in part = **M. satureioides** var. *salteri*
- salteri* Levyns in part = **M. satureioides** var. *satureioides*
- satureioides** DC. var. *floribunda* Levyns
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt? WC
- satureioides** DC. var. *salteri* Levyns
M. salteri Levyns in part (1)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt up to 60 m.
WC
- satureioides** DC. var. *satureioides*
M. salteri Levyns in part (1)
Perennial. Shrub (dwarf shrub). Ht 0.07–0.76 m. Alt
5–765 m. WC
- saxicola** Chodat
Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt 215–2750
m. LIM, M, S, FS, KZN, L, EC
- schlechteri** Levyns
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt up to 1065
m. WC
- scoparia* (Eckl. & Zeyh.) Levyns, misapplied name =
Nylandtia scoparia
- serpylloides** DC.
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 152–660 m.
WC
- serpylloides* in sense of Eckl. & Zeyh., not of DC., mis-
applied name = **M. thymifolia**
- serrata** Levyns
Perennial. Dwarf shrub. Ht? Alt? WC
- spicata** Bolus
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt up to 300
m. WC
- splendens** Levyns
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 6–180 m.
WC
- squarrosa* Eckl. & Zeyh., not of (L.f.) DC. = **M. alopecuroides**
- squarrosa** (L.f.) DC.
Perennial. Shrub. Ht 0.1–1.52 m. Alt 10–1435 m. WC,
EC
- stenophylla** Levyns
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 200–1200
m. WC
- stipulacea** (Burm.f.) DC.
M. diffusa DC. (1)
M. micrantha (Thunb.) A.Dietr. (1)
Perennial. Dwarf shrub. Ht ± 0.76 m. Alt 90–520 m.
WC
- stipulacea* in sense of (Thunb.) Harv., not of (Burm.f.)
DC., misapplied name = **M. ericoides**
- stokoei** Levyns
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt? WC
- striata* DC. = **M. brevicornu**
- striata* Eckl. & Zeyh., not of DC. = **M. angulosa**
- tenuifolia** (Poir.) DC.
Perennial. Dwarf shrub. Ht ± 0.6 m. Alt 75–1400 m.
WC
- thunbergii** Eckl. & Zeyh.
M. phyllicoides Harv., not of DC. (1)
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 25–350 m.
WC
- thymifolia** (Thunb.) DC.
M. aspera Eckl. & Zeyh. (1)
M. inconstans Levyns (1)
M. serpylloides in sense of Eckl. & Zeyh., not of DC., misapplied
name (1)
Perennial. Dwarf shrub. Ht 0.12–0.6 m. Alt 6–3050 m.
WC
- trinervia** (L.f.) DC.
Polygala beiliana Eckl. & Zeyh. in part (1)
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 90–750 m.
WC
- virgata* DC. = **M. ericoides**
- vulnerans** Levyns
Perennial. Shrub, dwarf shrub. Ht 0.2–0.91 m. Alt 600–
1220 m. WC, EC
- vulpina** Chodat
Perennial. Shrub, dwarf shrub. Ht 0.2–1.21 m. Alt 120–
750 m. WC
- NYLANDTIA** Dumort. 4279000
(1) Levyns. 1954. *Journal of South African Botany*, Suppl. Vol. 2: 1–247.
(2) Bullock. 1965. *Kew Bulletin* 19: 202.
(3) Johnson & Weitz. 1991. *South African Journal of Botany* 57:
229–233.
(4) Goldblatt & Manning. 2000. *Strelitzia* 9: 715.
- scoparia** (Eckl. & Zeyh.) Goldblatt & J.C.Manning
Mundia scoparia Eckl. & Zeyh. (3)
Muraltia scoparia (Eckl. & Zeyh.) Levyns (1)
N. spinosa (L.) Dumort. var. *scoparia* (Eckl. & Zeyh.) C.T.Johnson
& Weitz (4)
Perennial. Shrub. Ht up to 4 m. Alt ? NC, WC
- spinosa* (L.) Dumort. var. *scoparia* (Eckl. & Zeyh.)
C.T.Johnson & Weitz = **N. scoparia**
- spinosa** (L.) Dumort.
Mundia spinosa (L.) DC. (1)
Perennial. Shrub, dwarf shrub. Ht 0.01–4 m. Alt 5–
1330 m. NC, WC, EC
- POLYGALA** L. 4273000
(1) Linnaeus. 1753. *Species plantarum* edn 1: 701–706.
(2) Harvey. 1860. *FC* 1: 80–94.
(3) Chodat. 1913. *Botanische Jahrbücher* 48: 309–333.
(4) Merrill. 1938. *Journal of the Arnold Arboretum* 19: 352.

- (5) Levyns. 1955. *Journal of South African Botany* 21: 9–49.
 (6) Verdoorn. 1955. *The Flowering Plants of Africa* 30: t. 1192.
 (7) Verdoorn. 1957. *The Flowering Plants of Africa* 32: t. 1259.
 (8) Exell. 1961. *FZ* 1: 303–336.
 (9) Friedrich-Holzhammer & Merxmüller. 1973. *FSWA* 73: 1–8.
 (10) Codd. 1983. *The Flowering Plants of Africa* 47: t. 1861.
 (11) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 70–72.
 (12) Paiva. 1993. *El género Polygala* (unpub. thesis Univ. Vigo): 205–585.
 (13) Paiva. 1998. *Fontqueria* 50: 1–346.
- abyssinica* in sense of Gibbs, misapplied name = **P. hot-tentotta**
- affinis* DC. = **P. scabra**
- africana** Chodat
P. capillaris E.Mey. subsp. *capillaris* in part (8, 13)
 Annual. Herb. Ht 0.08–0.12 m. Alt 2000–2150 m. N, LIM, G, M, S
- albida** Schinz subsp. **albida**
 Annual. Herb. Ht 0.05–0.6 m. Alt 686–1800 m. N, B, LIM, G, M, S, KZN
- amatymbica** Eckl. & Zeyh.
 Perennial. Herb. Ht 0.03–0.2 m. Alt 230–2135 m. LIM, NW, G, M, FS, KZN, L, EC
- arcuata* Chodat = **P. rodrigueana**
- armata* Chodat = **P. leptophylla** var. **armata**
- asbestina** Burch.
 Perennial. Dwarf shrub, herb. Ht 0.07–0.3 m. Alt 85–2595 m. NW, FS, NC, WC, EC
- asbestina* Burch. var. *rigens* (Burch.) Harv. = **P. rigens**
- beiliana* Eckl. & Zeyh. in part = **Muraltia muraltioides**
- beiliana* Eckl. & Zeyh. in part = **Muraltia trinervia**
- bicornis* (Burch.) Chodat = **P. schinziana**
- bowkerae** Harv.
 Annual. Dwarf shrub. Ht 0.15–0.3 m. Alt 900–1830 m. WC, EC
- brachyphylla** Chodat
P. brevifolia Harv. (5)
 Perennial. Dwarf shrub. Ht ± 0.35 m. Alt 350–1370 m. WC
- bracteolata** L.
P. calycina C.Presl. (13)
P. bracteolata L. var. *racemosa* Harv. (13)
P. bracteolata L. var. *umbellata* Harv. (13)
P. macra in sense of Harv. in part, not of DC. (13)
P. pappeana in sense of Levyns in part, not of Eckl. & Zeyh., misapplied name (13)
 Perennial. Shrub, dwarf shrub. Ht 0.15–0.8 m. Alt 5–1145 m. NC, WC, EC
- bracteolata* L. var. *racemosa* Harv. = **H. bracteolata**
- bracteolata* L. var. *umbellata* Harv. = **H. bracteolata**
- brevifolia* Harv. = **P. brachyphylla**
- burmanii* DC. = **P. scabra**
- calycina* C.Presl. = **P. bracteolata**
- capillaris* E.Mey. ex Harv. var. *bosobolensis* Petit = **P. capillaris** subsp. **capillaris**
- capillaris* E.Mey. ex Harv. var. *tukpwoensis* Petit = **P. capillaris** subsp. **capillaris**
- capillaris** E.Mey. subsp. **capillaris**
P. capillaris E.Mey. ex Harv. var. *bosobolensis* Petit (13)
P. capillaris E.Mey. ex Harv. var. *tukpwoensis* Petit (13)
- Annual. Herb. Ht 0.08–0.15 m. Alt ± 1800 m. B, LIM, G, M, S, KZN, EC
- capillaris* E.Mey. subsp. *capillaris* in part = **P. africana**
- chloroptera* Chodat = **P. serpentaria**
- ciliatifolia* Turcz. = **P. umbellata**
- confusa* MacOwan = **P. macowaniana**
- dasyphylla** Levyns
 Perennial. Herb. Ht ± 0.3 m. Alt? WC
- declinata** (Harv.) E.Mey. ex Paiva
P. hispida Busch. ex DC. var. *declinata* Harv. (13)
 Perennial. Herb, prostrate. Length ± 0.15 m. Alt? G
- durbanensis** Chodat (insufficiently known) (13)
- eckloniana* C.Presl = **P. teretifolia**
- empetrifolia** Houtt. (insufficiently known) (13)
- ephedroides** Burch.
P. genistoides Poir. var. *ephedroides* (Burch.) DC. (13)
P. virgata Thunb. var. *genistoides* (Poir.) Harv. in part (13)
 Perennial. Shrub, dwarf shrub. Ht 0.5–2 m. Alt 30–3078 m. N, FS, NC, WC, EC
- ericaefolia** DC.
 Perennial. Dwarf shrub, herb. Ht 0.17–0.5 m. Alt 5–1370 m. WC, EC
- ericaefolia* in sense of Harv. in part, misapplied name = **P. microlopha** var. **microlopha**
- erioptera** DC. subsp. **erioptera**
 Annual. Herb. Ht ± 0.3 m. Alt 0–2000 m. N, B, LIM, M
- erioptera** DC. subsp. **petraea** (Chodat) Paiva
P. petraea Chodat (13)
 Annual. Subshrub, herb. Ht ± 0.3 m. Alt ± 2500 m. WC
- erubescens** E.Mey. ex Chodat
P. hispida in sense of Harv. in part, as for synonym (13)
 Perennial. Herb, prostrate. Length ± 0.1 m. Alt? FS, L, EC
- esterae* Chodat = **P. gazensis**
- fallax** Hayek (insufficiently known) (13)
- fruticosa** P.J.Bergius
P. oppositifolia L. (5)
P. oppositifolia L. var. *latifolia* (Ker Gawl.) Harv. (5)
 Perennial. Shrub, dwarf shrub. Ht 0.5–3.04 m. Alt 5–2010 m. S, KZN, NC, WC, EC
- gagnebiniana* Chodat = **P. sphenoptera** var. **sphenoptera**
- galpinii* Hook.f. = **Heterosamara galpinii**
- garcinii** DC.
 Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 10–3078 m. NC, WC, EC
- gazensis** Baker f.
P. esterae Chodat (13)
P. teretifolia Baker f. var. *gazensis* (Baker f.) Norl. (13)
 Perennial. Shrub, small tree. Ht 1–2.5 m. Alt 800–2000 m. KZN, EC
- genistoides* Poir. var. *ephedroides* (Burch.) DC. = **P. ephedroides**
- gerrardii** Chodat
 Annual. Herb. Ht 0.07–0.2 m. Alt 90–2010 m. LIM, G, M, FS, KZN
- gracilentata** Burt Davy

- Perennial. Herb. Ht 0.1–0.3 m. Alt 1400–2000 m. LIM, NW, G, M, S, FS, KZN, L, EC
- gracilipes** Harv.
Perennial. Herb. Ht 0.08–0.15 m. Alt up to 765 m. WC
- guerichiana** Engl.
Perennial. Shrub, dwarf shrub. Ht 0.5–1.52 m. Alt 200–700 m. N
- gymnoclada** MacOwan
Annual. Herb. Ht 0.2–0.5 m. Alt 516–2285 m. M, FS, KZN, L, WC, EC
- hamata** Burt Davy = **P. uncinata**
- hispidia** Burch. ex DC.
Perennial. Dwarf shrub, herb. Ht 0.06–0.28 m. Alt 155–3050 m. M, S, FS, KZN, L, NC, WC, EC
- hispidia** Burch. ex DC. var. *declinata* Harv. = **P. declinata**
- hispidia** in sense of Harv. in part, as for synonym = **P. erubescens**
- hottentotta** C.Presl
P. abyssinica in sense of Gibbs, misapplied name (8)
Perennial. Dwarf shrub, herb. Ht 0.15–0.5 m. Alt 5–2505 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, EC
- houtboshiana** Chodat
Perennial. Herb. Ht ± 0.3 m. Alt ± 2200 m. LIM, NW, G, M, S, FS, KZN, L, EC
- illepida** E.Mey. ex Harv.
Annual. Herb. Ht 0.1–0.2 m. Alt 700–1000 m. EC
- kalaxariensis** Schinz
P. kubangensis Gürke (9)
P. reflexa Schinz (16)
Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt 595–2400 m. N, B
- krumanina** Burch. ex Ficalho & Hiern
Perennial. Shrub, prostrate. Length ± 0.15 m. Alt ± 1200 m. LIM, NW, G, M, NC
- kubangensis** Gürke = **P. kalaxariensis**
- langebergensis** Levyns
Perennial. Dwarf shrub. Ht ± 0.7 m. Alt? WC
- lasiosepala** Levyns
Perennial. Shrub. Ht ± 1 m. Alt 0–500 m. N, NC, WC
- leendertziae** Burt Davy
Perennial. Dwarf shrub, herb. Ht 0.5–1 m. Alt ± 2012 m. LIM, G, M, S, FS, KZN
- lehmanniana** Eckl. & Zeyh.
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 1–1500 m. NC, WC
- leptophylla** Burch. var. *armata* (Chodat) Paiva
P. armata Chodat (13)
Perennial. Dwarf shrub. Ht ± 0.2 m. Alt up to 1000 m. N, NW, NC
- leptophylla** Burch. var. **leptophylla**
Perennial. Dwarf shrub. Ht ± 0.2 m. Alt up to 1554 m. N, B, LIM, NW, G, M, FS, NC, WC, EC
- leucocarpa** Chodat = **P. pallida**
- levynsiana** Paiva
P. microlopha DC. var. *gracilis* Levyns (13)
Annual. Herb. Ht ± 0.2 m. Alt? WC, EC
- ludwigiana** Eckl. & Zeyh.
Perennial. Dwarf shrub, herb. Ht ± 0.5 m. Alt ± 1200 m. WC
- lysimachiifolia** Chodat (insufficiently known) (13)
- macowaniana** Paiva
P. confusa MacOwan (13)
P. neglecta MacOwan (13)
Annual. Herb. Ht up to 0.3 m. Alt? KZN, EC
- macra** in sense of Harv. in part, not of DC., misapplied name = **P. bracteolata**
- macra** in sense of Harv. in part, not of DC., misapplied name = **P. pappeana**
- marensis** Burt Davy
P. rogersii Burt Davy (8)
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 50–1220 m. LIM, KZN
- merenskiana** Dinter ms. (never published)
- meridionalis** Levyns
Perennial. Dwarf shrub. Ht 0.38–0.7 m. Alt 35–400 m. WC
- microlopha** DC. var. *gracilis* Levyns = **P. levynsiana**
- microlopha** DC. var. **microlopha**
P. ericaefolia in sense of Harv. in part, misapplied name (5)
Perennial. Dwarf shrub. Ht 0.1–0.7 m. Alt 61–1050 m. WC, EC
- mossii** Exell
Perennial. Dwarf shrub, herb. Ht 0.02–0.5 m. Alt 60–229 m. N, NC
- muraltioides** Eckl. & Zeyh. = **Muraltia muraltioides**
- myrtifolia** L. var. **myrtifolia**
Perennial. Shrub. Ht 0.3–2 m. Alt 0–1350 m. G, KZN, L, NC, WC, EC
- myrtifolia** L. var. **pinifolia** (Lam. ex Poir.) Paiva
P. pinifolia Lam. ex Poir. (13)
Perennial. Shrub. Ht 0.3–2 m. Alt 0–1300 m. WC, EC
- natalensis** Chodat = **P. serpentaria**
- neglecta** MacOwan = **P. macowaniana**
- nematocaulis** Levyns
P. pappeana in sense of Levyns in part, not of Eckl. & Zeyh., misapplied name (5)
Annual. Dwarf shrub, herb. Ht 0.3–0.4 m. Alt 185–1405 m. WC
- nodiflora** Chodat (insufficiently known) (13)
- ohlendorffiana** Eckl. & Zeyh.
Perennial. Herb. Ht 0.06–0.25 m. Alt 20–2250 m. LIM, G, M, S, FS, KZN, L, EC
- ophiura** Chodat (insufficiently known) (13)
- oppositifolia** L. = **P. fruticosa**
- oppositifolia** L. var. *latifolia* (Ker Gawl.) Harv. = **P. fruticosa**
- pallida** E.Mey.
P. leucocarpa Chodat (9)
P. okongavensis Dinter ms. (12)
Annual. Herb. Ht 0.1–0.35 m. Alt 850–1100 m. N, B
- pappeana** Eckl. & Zeyh.
P. macra Harv. in part, not of DC., misapplied name (5)
Annual. Herb. Ht 0.15–0.5 m. Alt 50–1200 m. WC
- pappeana** in sense of Levyns in part, not of Eckl. & Zeyh., misapplied name = **P. bracteolata**
- pappeana** in sense of Levyns in part, not of Eckl. & Zeyh., misapplied name = **P. nematocaulis**

- parkeri** Levyns
Perennial. Dwarf shrub, herb. Ht 0.2–0.3 m. Alt up to 1000 m. WC
- peduncularis** Burch. ex DC.
Perennial. Shrub, dwarf shrub. Ht 0.3–1.21 m. Alt 15–1829 m. WC
- persicariaefolia* in sense of Eyles, not of DC., misapplied name = **P. sphenoptera** var. **sphenoptera**
- petraea* Chodat = **P. erioptera** subsp. **petraea**
- pinifolia* Lam. ex Poir. = **P. myrtifolia** var. **pinifolia**
- pinifolia* L.f. in part, not of Poir., misapplied name = **P. teretifolia**
- polyphylla* DC. = **Muraltia polyphylla**
- pottebergensis** Levyns
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 20–1372 m. WC, EC
- praticola** Chodat
Annual. Herb. Ht 0.15–0.5 m. Alt 600–1900 m. KZN
- producta** N.E.Br.
Perennial. Dwarf shrub, herb. Ht 0.3–1 m. Alt 250–1900 m. LIM, NW, G, M, S, KZN, EC
- pubiflora** Burch.
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 60–185 m. WC
- pungens** Burch.
Perennial. Dwarf shrub, herb. Ht 0.3–0.76 m. Alt up to 1370 m. FS, NC
- pygmaea* Gürke = **P. welwitschii** subsp. **pygmaea**
- quartiniana* A.Rich. = **P. sphenoptera** var. **sphenoptera**
- recognita** Chodat
Annual. Herb. Ht 0.15–0.35 m. Alt 30–610 m. WC
- reflexa* Schinz = **P. kalaxariensis**
- refracta** DC.
Annual. Herb. Ht 0.16–0.5 m. Alt 50–1800 m. FS, KZN, L, WC, EC
- rehmannii** Chodat
P. tenuifolia in sense of Harv. in part, not of Willd., misapplied name (8)
Perennial. Herb. Ht 0.25–0.3 m. Alt up to 1160 m. NW, G, M, FS, KZN
- rehmannii* Chodat var. *latipetala* (N.E.Br.) Norl. = **P. uncinata**
- rhinostigma** Chodat
Annual. Herb. Ht 0.1–0.15 m. Alt 1800–3000 m. FS, KZN, L, EC
- rigens** Burch.
P. asbestina Burch. var. *rigens* (Burch.) Harv. (13)
Perennial. Herb. Ht 0.1–0.15 m. Alt? EC
- rodrigueana** Paiva
P. arcuata Chodat (13)
Annual. Herb. Ht 0.05–0.25 m. Alt? KZN
- rogersiana* Baker f. = **P. senensis** var. **senensis**
- rogersii* Burt Davy = **P. marensis**
- scabra** L.
P. affinis DC. (13)
P. burmanii DC. (13)
Perennial. Shrub. Ht 0.3–0.5 m. Alt 0–1500 m. N, NC, WC
- schinziana** Chodat
P. bicornis (Burch.) Chodat (13)
Perennial. Dwarf shrub, herb. Ht 0.1–0.5 m. Alt 660–950 m. N, B, NW
- schlechteri* Schinz = **P. spicata**
- seminuda** Harv.
Perennial. Dwarf shrub, herb. Ht 0.15–0.5 m. Alt up to 1000 m. N, B, FS, NC, EC
- senensis** Klotzsch var. **senensis**
P. rogersiana Baker f. (8)
Perennial. Subshrub, shrub. Ht 0.35–0.5 m. Alt? LIM, M, S, KZN
- serpentaria** Eckl. & Zeyh.
P. chloroptera Chodat (13)
P. natalensis Chodat (13)
Perennial. Herb. Ht 0.08–0.3 m. Alt 5–2010 m. LIM, G, M, S, KZN, EC
- speciosa* in sense of Burt Davy (1926), excl. syn. *P. virgata* var. *speciosa* = **P. virgata** var. **decora**
- speciosa* Sims = **P. virgata** var. **speciosa**
- sphenoptera** Fresen. var. **sphenoptera**
P. gagebiniana Chodat (3)
P. persicariaefolia in sense of Eyles, not of DC., misapplied name (8)
P. quartiniana A.Rich. (8)
P. ukambica Chodat (8)
Annual, occ. perennial. Dwarf shrub, herb. Ht 0.6–1 m. Alt 15–1430 m. B, LIM, G, M, S, KZN
- spicata** Chodat
P. schlechteri Schinz (8)
Annual. Herb. Ht ± 0.15 m. Alt 1000–2000 m. M
- tenuifolia* in sense of Harv. in part, not of Willd., misapplied name = **P. rehmannii**
- tenuifolia* in sense of Harv. in part, not of Willd. var. *uncinata* (Meisn.) Harv., misapplied name = **P. uncinata**
- teretifolia* Baker f. var. *gazensis* (Baker f.) Norl. = **P. gazensis**
- teretifolia** L.f.
P. eckloniana C.Presl (13)
P. pinifolia L.f. in part, not of Poir., misapplied name (13)
Perennial. Shrub, small tree. Ht up to 1 m. Alt 350–1250 m. N, NC, WC
- transvaalensis** Chodat subsp. **transvaalensis** Paiva
Perennial. Herb. Ht 0.1–0.15 m. Alt 800–1900 m. LIM, NW, G, M, S, FS, KZN, L, EC
- triquetra** C.Presl
Perennial. Shrub, dwarf shrub. Ht ± 0.8 m. Alt 198–549 m. WC, EC
- ukambica* Chodat = **P. sphenoptera** var. **sphenoptera**
- umbellata** L.
P. ciliatifolia Turcz. (5)
Annual, occ. perennial. Dwarf shrub, herb. Ht 0.3–0.4 m. Alt 5–2010 m. WC, EC
- uncinata** E.Mey. ex Meisn.
P. hamata Burt Davy (8)
P. rehmannii Chodat var. *latipetala* (N.E.Br.) Norl. (8)
P. tenuifolia in sense of Harv. in part, not of Willd. var. *uncinata* (Meisn.) Harv., misapplied name (8)
Perennial. Dwarf shrub, herb. Ht 0.1–0.3 m. Alt 10–2377 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- virgata** Thunb. var. **decora** (Sond.) Harv.

- P. speciosa* in sense of Burtt Davy (1926), excl. syn. *P. virgata* var. *speciosa* (13)
Perennial. Shrub, dwarf shrub. Ht 1.5–3 m. Alt 5–2135 m. N, LIM, NW, G, M, S, FS, KZN, L, WC, EC
- virgata* Thunb. var. *genistoides* (Poir.) Harv. in part = **P. ephedroides**
- virgata* Thunb. var. **speciosa** (Sims) Harv.
P. speciosa Sims (13)
Perennial. Shrub, dwarf shrub. Ht 1.5–3 m. Alt 5–2000 m. WC, EC
- virgata* Thunb. var. **virgata**
Perennial. Shrub, dwarf shrub. Ht ± 1.5 m. Alt ± 80 m. LIM, G, M, S, FS, NC, WC, EC
- welwitschii** Chodat subsp. **pygmaea** (Gürke) Paiva
P. pygmaea Gürke (13)
Annual. Herb. Ht 0.1–0.15 m. Alt 900–2315 m. N, LIM, M
- westii** Exell
Annual. Herb. Ht 0.1–0.18 m. Alt? N

- wilmsii** Chodat
Annual. Herb. Ht 0.1–0.25 m. Alt 800–2315 m. LIM, M, S, FS, KZN
- wittebergensis** Compton
Perennial. Dwarf shrub. Ht 0.15–1 m. Alt 60–1435 m. WC, EC
- woodii** Chodat
Annual. Herb. Ht? Alt 600–800 m. KZN
- SECURIDACA L.** 4275000
(1) Codd. 1955. *The Flowering Plants of Africa* 30: t. 1191.
(2) Exell. 1961. *FZ* 1: 304–307.
(3) Friedrich-Holtzhammer & Merxmüller. 1968. *FSWA* 73: 1–8.
(4) Johnson. 1987. *South African Journal of Botany* 53: 5–11.
- longepedunculata** Fresen. var. **longepedunculata**
Perennial. Tree, shrub. Ht 0.5–6 m. Alt 109–1457 m. N, B, LIM, NW, G
- longepedunculata** Fresen. var. **parvifolia** Oliver
Perennial. Shrub, rarely small tree. Ht 3–6 m. Alt up to 1700 m. N, B, LIM

POLYGONACEAE

Compiled by G. Germishuizen & R.P. Glen

- ACETOSA** Neck. 2195020
sagittata (Thunb.) L.A.S. Johnson & B.G. Briggs = **Rumex sagittatus**
- ATRAPHAXIS L.** 2198000
undulata L. = **Polygonum undulatum**
- BILDERDYKIA** Dumort. 2201010
convolvulus (L.) Dumort. = **Fallopia convolvulus**
- CERATOGONUM** C.A. Mey. 2204010
cordofanum Meisn. = **Oxygonum sinuatum**
sinuatum Hochst. & Steud. ex Meisn. = **Oxygonum sinuatum**
- EMEX** Campd. 2194000
(1) Steinhil. 1838. *Annales des Sciences Naturelles* sér. 2, 9: 195, t. 7.
(2) Meisner. 1840. *Linnaea* 14: 490.
(3) Drège. 1843. *Flora* 2, Suppl.: 93, 99, 112, 128.
(4) Wright. 1912. *FC* 5: 481, 482.
(5) Tutin. 1964. *Flora europaea* 1: 89.
- australis** Steinh.
E. centropodium Meisn. (4)
E. podocentrum Meisn. ex Drège (4)
Annual. Herb. Ht 0.15–0.6 m. Alt 5–1465 m. N, LIM, NW, G, M, S?, FS, KZN, L, NC, WC, EC
- centropodium* Meisn. = **E. australis**
podocentrum Meisn. ex Drège = **E. australis**
- *FAGOPYRUM** Mill. 2202000
(1) Webb. 1964. *Flora europaea* 1: 81.
- esculentum** Moench
Polygonum fagopyrum L. (1)
Annual. Herb. Ht up to 0.6 m. Alt 650–1675 m. B, NW?, G, FS, KZN, NC, EC
- *FALLOPIA** Adans. 2201040
(1) Holub. 1971. *Folia Geobotanica et Phytotaxonomica Bohemoslavaca Praha* 6: 176, 177.
- convolvulus** (L.) Holub
Bilderdykia convolvulus (L.) Dumort. (1)
Polygonum convolvulus L. (1)
Annual. Herb, climber. Ht up to 10 m. Alt 155–2500 m. LIM, NW, G, M, FS, L, NC?, EC
- OXYGONUM** Burch. ex Campd. 2204000
(1) Graham. 1957. *Kew Bulletin* 1957: 145–172.
(2) Germishuizen. 1987. *Bothalia* 17: 40, 41, 185–187.
(3) Germishuizen. 1988. *Bothalia* 18: 173–181.
(4) Germishuizen. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 237.
- acetosella** Welw.
Annual. Herb. Ht 0.15–0.3 m. Alt up to 500 m. N
- alatum** Burch. var. **alatum**
O. alatum Burch. var. *incisum* Sond. (2)
O. alatum Burch. var. *integrifolium* Sond. (2)
O. alatum Burch. var. *marlothii* Engl. (2)
Annual. Herb. Ht 0.1–0.7 m. Alt 505–2000 m. N, B, NW, NC
- alatum* Burch. var. *incisum* Sond. = **O. alatum** var. **alatum**
- alatum* Burch. var. *integrifolium* Sond. = **O. alatum** var. **alatum**
- alatum** Burch. var. **longisquamatum** Germish.
Annual. Herb. Ht 0.2–0.5 m. Alt? N, B
- alatum* Burch. var. *marlothii* Engl. = **O. alatum** var. **alatum**
- calcaratum* Meisn. = **O. dregeanum** subsp. **canescens** var. **canescens**
- canescens* Sond. = **O. dregeanum** subsp. **canescens** var. **canescens**

delagoense Kuntze

- O. delagoense* Kuntze var. *strictum* C.H.Wright (4)
O. dregeanum Meisn. var. *pubescens* (C.H.Wright) Burt Davy (4)
O. dregeanum Meisn. var. *strictum* (C.H.Wright) R.A.Graham (4)
O. junodii De Wild. (1)
 Annual. Herb. Ht 0.1–0.6 m. Alt 90–1432 m. N, B,
 LIM, NW, M, S, KZN, NC

delagoense Kuntze var. *strictum* C.H.Wright = **O. delagoense**

dregeanum Meisn. subsp. **canescens** (Sond.) Germish. var. **canescens**

- O. calcaratum* Meisn. (3)
O. canescens Sond. (3)
O. dregeanum Meisn. var. *canescens* (Sond.) R.A.Graham (3)
O. zeyheri Sond. (3)
 Annual. Herb. Ht 0.15–0.5 m. Alt 305–2085 m. B,
 LIM, NW, G, M, FS, NC

dregeanum Meisn. subsp. **canescens** (Sond.) Germish. var. **dissectum** Germish.

Annual. Herb. Ht up to 0.5 m. Alt? LIM

dregeanum Meisn. subsp. **canescens** (Sond.) Germish. var. **linearifolium** Germish.

Annual. Herb. dwarf shrub. Ht 0.2–0.6 m. Alt up to 1800 m. NW, G, M, KZN

dregeanum Meisn. subsp. **canescens** (Sond.) Germish. var. **lobophyllum** Germish.

Annual. Herb. Ht 0.15–0.5 m. Alt 380–1065 m. LIM, M, S

dregeanum Meisn. subsp. **canescens** (Sond.) Germish. var. **pilosum** Germish.

Annual. Herb. Ht up to 0.4 m. Alt up to 1050 m. LIM

dregeanum Meisn. subsp. **dregeanum**

- O. dregeanum* Meisn. var. *dregeanum* (3)
O. dregei Meisn. (3)
O. natalense Schltr. (3)
 Perennial. Herb. Ht 0.2–0.3 m. Alt 5–1450 m. KZN, EC

dregeanum Meisn. subsp. **lanceolatum** Germish.

Annual, occ. perennial. Herb. Ht 0.1–0.3 m. Alt up to 2135 m. M, S, KZN

dregeanum Meisn. subsp. **streyi** Germish.

Perennial. Herb. Ht up to 0.25 m. Alt 15–335 m. KZN

dregeanum Meisn. subsp. **swazicum** (Burt Davy) Germish.

- O. dregeanum* Meisn. var. *swazicum* (Burt Davy) R.A.Graham (3)
O. zeyheri Sond. var. *swazicum* Burt Davy (3)
 Annual. Herb. Ht 0.3–0.5 m. Alt up to 645 m. M, S

dregeanum Meisn. var. *canescens* (Sond.) R.A.Graham = **O. dregeanum** subsp. **canescens** var. **canescens**

dregeanum Meisn. var. *dregeanum* = **O. dregeanum** subsp. **dregeanum**

dregeanum Meisn. var. *pubescens* (C.H.Wright) Burt Davy = **O. delagoense**

dregeanum Meisn. var. *strictum* (C.H.Wright) R.A.Graham = **O. delagoense**

dregeanum Meisn. var. *swazicum* (Burt Davy) R.A.Graham = **O. dregeanum** subsp. **swazicum**

dregei Meisn. = **O. dregeanum** subsp. **dregeanum**

junodii De Wild. = **O. delagoense**

natalense Schltr. = **O. dregeanum** subsp. **dregeanum**

robustum Germish.

Annual, occ. perennial. Herb. Ht 0.3–0.6 m. Alt 20–155 m. KZN

sinuatum (Hochst. & Steud. ex Meisn.) Dammer

- Ceratogonum cordofanum* Meisn. (1)
Ceratogonum sinuatum Hochst. & Steud. ex Meisn. (1)
 Annual. Herb. Ht 0.1–0.6 m. Alt 10–1646 m. N, B

zeyheri Sond. = **O. dregeanum** subsp. **canescens** var. **canescens**

zeyheri Sond. var. *swazicum* Burt Davy = **O. dregeanum** subsp. **swazicum**

PERSICARIA (L.) Mill. 2201030

- (1) Graham. 1958. *Flora of tropical East Africa* Polygonaceae: 1–38.
 (2) Timson. 1963. *Watsonia* 5,2: 386–395.
 (3) Tikovsky & Merxmüller. 1969. *Prodromus einer Flora von Südwestafrika* 23: 5–9.
 (4) Soják. 1974. *Preslia* 42,2: 153–155.
 (5) Germishuizen. 1983. *A morphological-taxonomical study of the genera Polygonum, Reynoutria and Bilderdykia in southern Africa*. Unpublished M.Sc. thesis, University of Pretoria.
 (6) Germishuizen. 1986. *Bothalia* 16,2: 232, 233.
 (7) Ronse Decraene & Akeroyd. 1988. *Botanical Journal of the Linnean Society* 98: 321–371.
 (8) Wilson. 1988. *Telopea* 3: 177–182.
 (9) Wilson. 1990. *Kew Bulletin* 45: 621–636.
 (10) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 91, 92.
 (11) Royal Botanical Gardens, Kew. 1997. *Index Kewensis* on compact disc: *Persicaria*.
 (12) Ronse Decraene et al. 2000. *Botanical Journal of the Linnean Society* 134: 301–337.

amphibia (L.) Gray

- Polygonum amphibium* L. (7)
 Perennial. Herb, hydrophyte/helophyte. Ht ± 0.6 m, up to 3 m long floating in water. Alt 150–1860 m. G, M, FS, KZN, L, EC

attenuata (R.Br.) Soják subsp. **africana** K.L.Wilson

- Polygonum pulchrum* of author, not of Blume, concept invalid (9)
 Annual, occ. perennial. Herb, hydrophyte/helophyte. Ht 0.5–2.2 m. Alt 5–1920 m. N, B, LIM, NW, G, M, S, KZN, NC, WC, EC

***capitata** (Buch.-Ham. ex D.Don) H.Gross

- Polygonum capitatum* Buch.-Ham. ex D.Don (7)
 Perennial. Herb. Ht? Alt? M, S

decipiens (R.Br.) Wilson

- P. serrulata* (Lag.) Webb & Moq. (8)
Polygonum salicifolium Willd. (3, 9)
Polygonum serrulatum Lag. (3, 8)
 Annual. Herb, helophyte. Ht 0.2–1 m. Alt 5–2135 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

***hydropiper** (L.) Spach

- Polygonum hydropiper* L. (7, 11)
 Annual. Herb, helophyte. Ht 0.5–1.5 m. Alt 5–1830 m. M, KZN

hystricula (J.Schust.) Soják

- Polygonum hystriculum* J.Schust. (7)
Polygonum utriculosum Tikovsky (3)
 Annual. Herb. Ht 300–500 mm. Alt 900–1450 m. N, B, LIM, NW, G, M, FS, NC, EC

***lapathifolia** (L.) Gray

- Polygonum lapathifolium* L. (2, 4, 8, 9)
Polygonum lapathifolium L. subsp. *maculatum* (Gray) T.-Dyer & Trimmen (3)
Polygonum lapathifolium L. var. *maculatum* T.-Dyer & Trimmen (4)
Polygonum nodosum Pers. (2)
Polygonum tomentosum Schrank (2)

- Annual. Herb, hydrophyte/helophyte. Ht 0.1–3 m. Alt 5–2385 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC
- *limbata** (Meisn.) H.Hara
Polygonum limbatum Meisn. (7)
Polygonum piliferum Tikovsky (3)
Polygonum schinzii C.H.Wright (3)
 Perennial. Herb, helophyte. Ht 0.3–1.2 m. Alt 896–1465 m. N, B, LIM, NW, G, M, FS, NC
- meisneriana** (Cham. & Schltld.) M.Gómez
P. meisneriana, misspelled (2)
Polygonum meisnerianum Cham. & Schltld. (11)
Polygonum strigosum in sense of *Flora capensis*, misapplied name (5)
 Annual, occ. perennial. Herb, hydrophyte/helophyte. Ht 0.2–0.7 m. Alt 303–2200 m. B, LIM, G, M, S, FS, KZN, EC
- meisneriana*, misspelled = **P. meisneriana**
- *nepalensis** (Meisn.) H.Gross
Polygonum alatum Buch.-Ham. ex D.Don (1)
Polygonum nepalense Meisn. (11)
 Annual. Herb. Ht 0.1–0.5 m. Alt 300–1600 m. LIM, M, KZN
- senegalensis** (Meisn.) Soják forma **albotomentosa** (R.A.Graham) K.L.Wilson
Polygonum glutinosum Meisn. var. *capensis* Meisn. (7)
Polygonum lanigerum R.Br. var. *africanum* Meisn. (3)
Polygonum senegalense Meisn. forma *albotomentosum* R.A.Graham (7)
Polygonum senegalense Meisn. subsp. *albotomentosum* (R.A.Graham) Germish. (7)
 Perennial. Herb, hydrophyte. Ht 0.65–3 m. Alt 5–1400 m. B, LIM, NW, M, S, KZN, EC
- senegalensis** (Meisn.) Soják forma **senegalensis**
Polygonum sambesiacum J.Schust. (1)
Polygonum senegalense Meisn. subsp. *senegalense* (1, 4)
 Perennial. Herb, hydrophyte. Ht 0.15–1.2 m. Alt 303–1350 m. N, B, LIM, NW, G, M, S, KZN
- serrulata* (Lag.) Webb & Moq. = **P. decipiens**
- POLYGONUM L.** 2201000
- (1) Graham. 1958. *FTEA* Polygonaceae: 11–25.
 (2) Germishuizen. 1983. *A morphological-taxonomical study of the genera Polygonum, Reynoutria and Bilderdykia in southern Africa*. Unpublished M.Sc. thesis, University of Pretoria.
 (3) Ronse Decraene & Akeroyd. 1988. *Botanical Journal of the Linnean Society* 98: 321–371.
 (4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 90, 91.
- alatum* Buch.-Ham. ex D.Don = **Persicaria nepalensis**
amphibium L. = **Persicaria amphibia**
atraxaxis Thunb. = **P. undulatum**
atraxaxoides Thunb. = **P. undulatum**
- *aviculare** L.
 Annual. Herb. Ht 0.15–1 m. Alt 50–2550 m. N, LIM, NW, G, M, FS, KZN, L, NC, WC, EC
- capitatum* Buch.-Ham. ex D.Don = **Persicaria capitata**
convolvulus L. = **Fallopia convolvulus**
fagopyrum L. = **Fagopyrum esculentum**
glutinosum Meisn. var. *capensis* Meisn. = **Persicaria senegalensis** forma **albotomentosa**
hydropiper L. = **Persicaria hydropiper**
hystriculum J.Schust. = **Persicaria hystricula**
- *kitaibelianum** Sadler
- Annual. Herb. Ht 0.5–1 m. Alt up to 900 m. NC
lanigerum R.Br. var. *africanum* Meisn. = **Persicaria senegalensis** forma **albotomentosa**
lapathifolium L. = **Persicaria lapathifolia**
lapathifolium L. subsp. *maculatum* (Gray) T.-Dyer & Trimen = **Persicaria lapathifolia**
lapathifolium L. var. *maculatum* T.-Dyer & Trimen = **Persicaria lapathifolia**
limbatum Meisn. = **Persicaria limbata**
- maritimum** L.
 Perennial. Dwarf shrub, herb. Ht 0.1–1.5 m. Alt 3–160 m. NC, WC
- meisnerianum* Cham. & Schltld. = **Persicaria meisneriana**
nepalense Meisn. = **Persicaria nepalensis**
nodosum Pers. = **Persicaria lapathifolia**
piliferum Tikovsky = **Persicaria limbata**
- plebeium** R.Br.
 Annual. Herb. Ht 0.05–0.45 m. Alt 20–1675 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC
- pulchrum* of author, not of Blume, concept invalid = **Persicaria attenuata** subsp. **africana**
sachalinense F.Schmidt = **Reynoutria sachalinensis**
salicifolium Willd. = **Persicaria decipiens**
sambesiacum J.Schust. = **Persicaria senegalensis** forma **senegalensis**
schinzii C.H.Wright = **Persicaria limbata**
senegalense Meisn. forma *albotomentosum* R.A.Graham = **Persicaria senegalensis** forma **albotomentosa**
senegalense Meisn. subsp. *albotomentosum* (R.A.Graham) Germish. = **Persicaria senegalensis** forma **albotomentosa**
senegalense Meisn. subsp. *senegalense* = **Persicaria senegalensis** forma **senegalensis**
serrulatum Lag. = **Persicaria decipiens**
strigosum in sense of *Flora capensis*, misapplied name = **P. meisneriana**
tomentosum Schrank = **Persicaria lapathifolia**
- undulatum** (L.) P.J.Bergius
Atraphaxis undulata L. (2)
P. atraphaxis Thunb. (2)
P. atraphaxoides Thunb. (2)
 Annual. Shrub, dwarf shrub. Ht 0.2–1.2 m. Alt 90–610 m. WC, EC
- utriculosum* Tikovsky = **Persicaria hystricula**
- *REYNOUTRIA** Houtt. 2201020
- (1) Webb. 1964. *Flora europaea* 1: 81.
- *sachalinensis** (F.Schmidt) Nakai
Polygonum sachalinense F.Schmidt (1)
 Perennial. Dwarf shrub, herb. Ht 1–3 m. Alt? KZN
- RUMEX L.** 2195000
- (1) Wright. 1912. *FC* 5: 472–482.
 (2) Rechinger. 1954. *Botaniska Notiser*, Suppl. Vol. 3,3: 3–114.
 (3) Rechinger. 1984. *Nuytsia* 5,1: 75–122.
 (4) Burt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42,2: 253–258.
 (5) Press. 1988. *B.S.B.I. News* 49: 49.
 (6) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 92, 93.

acetosella L. subsp. **angiocarpus** (Murb.) Murb.*R. angiocarpus* Murb. (5)

Perennial. Herb. Ht up to 0.5 m. Alt 4–? m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

acutus Sm. = **R. conglomeratus***angiocarpus* Murb. = **R. acetosella** subsp. **angiocarpus**
bequaertii De Wild.*R. camptodon* Rech.f. (2)

Perennial. Herb. Ht 1–1.5 m. Alt ?–1844 m. LIM, G, FS, KZN

***brownii** Campd.

Annual. Herb. Ht up to 0.5 m. Alt? M, KZN, EC

burchellii Campd. = **R. sagittatus***camptodon* Rech.f. = **R. bequaertii****conglomeratus** Murb.*R. acutus* Sm. (2)*R. glomeratus* Schreb. (2)*R. nemolapathum* Ehrh. (2)*R. paludosus* With. (2)

Perennial. Herb. Ht 0.2–1 m. Alt 5–1370 m. NW, G, FS, KZN, WC, EC

cordatus Poir.*R. cordatus* Desf., naked name (4)*R. sarcorrhizus* Link (4)*R. tuberosus* Thunb., not of L. (2)

Annual, occ. perennial. Herb. Ht 0.15–0.5 m. Alt 3–1140 m. NC, WC, EC

cordatus Desf., naked name = **R. cordatus*****crispus** L.

Perennial. Herb. Ht 0.2–2.4 m. Alt 15–2380 m. N, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

divaricatus L. = **R. pulcher** subsp. **divaricatus****dregeanus** Meisn. subsp. **dregeanus***R. dregei* Meisn., illegitimate name (4)

Annual. Herb. Ht 0.6–1 m. Alt 30–1700 m. KZN, EC

dregeanus Meisn. subsp. **montanus** B.L.Burt

Annual. Herb. Ht up to 1 m. Alt 1400–2377 m. LIM, G, M, S, FS, KZN, L?

dregei Meisn., illegitimate name = **R. dregeanus** subsp. **dregeanus***ecklonianus* Meisn. = **R. lanceolatus***ecklonii* Meisn. = **R. lanceolatus****garipensis** Meisn.

Perennial. Herb. Ht up to 0.3 m. Alt? N

glomeratus Schreb. = **R. conglomeratus***hydrolapathum* C.H.Wright = **R. lanceolatus****lanceolatus** Thunb.*R. ecklonianus* Meisn. (2)*R. ecklonii* Meisn. (2)*R. hydrolapathum* C.H.Wright (1)*R. linearis* Campd. (2)*R. meyeri* Meisn. (2)*R. meyerianus* Meisn. (2)

Perennial. Herb. Ht 0.15–0.5 m. Alt 85–2805 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

lativalvis Meisn.*R. lativalvis* Meisn. var. *acetosoides* Meisn. (1)*R. lativalvis* Meisn. var. *decipiens* Meisn. (1)

Perennial. Herb. Ht 0.15–0.5 m. Alt 20–1200 m. WC, EC

lativalvis Meisn. var. *acetosoides* Meisn. = **R. lativalvis***lativalvis* Meisn. var. *decipiens* Meisn. = **R. lativalvis***linearis* Campd. = **R. lanceolatus***luxurians* L.f. = **R. sagittatus***meyeri* Meisn. = **R. lanceolatus***meyerianus* Meisn. = **R. lanceolatus***natalensis* Dammer ex J.M.Wood = **R. woodii***nemolapathum* Ehrh. = **R. conglomeratus***nepalensis* C.H.Wright = **R. steudelii*****nepalensis** Spreng. (insufficiently known)

KZN

obtusifolius L. subsp. *agrestis* (Fr.) Danser = **R. obtusifolius** subsp. **obtusifolius****obtusifolius** L. subsp. **obtusifolius** (insufficiently known)*R. obtusifolius* L. subsp. *agrestis* (Fr.) Danser (2)

EC

paludosus With. = **R. conglomeratus****pulcher** L. subsp. **divaricatus** (L.) Murb.*R. divaricatus* L. (2)

Perennial. Herb. Ht up to 0.6 m. Alt ± 230 m. WC, EC

rhodesius Rech.f.

Perennial. Herb. Ht up to 0.6 m. Alt? LIM, G, KZN, NC, EC

sagittatus Thunb.*Acetosa sagittata* (Thunb.) L.A.S.Johnson & B.G.Briggs (2, 3)*R. burchellii* Campd. (2)*R. luxurians* L.f. (2)*R. sagittatus* Thunb. var. *latilobus* Meisn. (2)*R. sagittatus* Thunb. var. *megalotys* Meisn. (1)*R. scandens* Burch. (2)

Perennial. Herb, climber. Ht 0.3–5 m. Alt 5–? m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

sagittatus Thunb. var. *latilobus* Meisn. = **R. sagittatus***sagittatus* Thunb. var. *megalotys* Meisn. = **R. sagittatus***sarcorrhizus* Link = **R. cordatus***scandens* Burch. = **R. sagittatus****spathulatus** Thunb.

Perennial. Herb. Ht up to 1.5 m. Alt? WC

steudelianus Meisn. = **R. steudelii****steudelii** Hochst. ex A.Rich.*R. nepalensis* C.H.Wright (2)*R. steudelianus* Meisn. (2)

Perennial. Herb. Ht 0.6–1.2 m. Alt 5–3100 m. NW, G, M, FS, KZN, L, NC, WC, EC

tuberosus Thunb., not of L. = **R. cordatus****woodii** N.E.Br.*R. natalensis* Dammer ex J.M.Wood (4)

Annual. Herb. Ht 0.3–0.7 m. Alt 30–2400 m. NW, G, M, S, FS, KZN, L, EC

PORTULACACEAE

Compiled by H.F. Glen

ANACAMPSEROS L. 2412000

- (1) Poellnitz. 1928. *Feddes Repertorium* 24: 297, 298.
- (2) Poellnitz. 1929. *Feddes Repertorium* 26: 20–24, 242–249.
- (3) Poellnitz. 1933. *Botanische Jahrbücher* 65: 382–448.
- (4) Phillips. 1935. *The Flowering Plants of South Africa* 15: t. 576.
- (5) Wild. 1961. *FZ* 1: 362–372.
- (6) Podlech. 1967. *FSWA* 29: 2–7.
- (7) Bleck. 1984. *Cactus & Succulent Journal, Los Angeles* 56: 266, 267.
- (8) Hammer. 1988. *Cactus & Succulent Journal, Los Angeles* 60: 215, 216.
- (9) Gerbaulet. 1992. *Botanische Jahrbücher* 113: 477–564.
- (10) Rowley. 1994. *Bradleya* 12: 105–112.
- (11) Williamson. 1994. *Cactus & Succulent Journal, Los Angeles* 66: 20–23.
- (12) Rowley. 1995. *Anacampseros, Avonia, Grahamia: a growers' handbook*: 1–80.
- (13) Steffens. 1995. *Aloe* 32: 12–16.
- (14) Williamson. 1997. *Aloe* 34: 45, 46.
- (15) Williamson. 1998. *Aloe* 35: 18–23.
- (16) Burgoyne & Condry. 1999. *The Flowering Plants of Africa* 56: 54–57, t. 2150.

affinis H.Pearson & Stephens = **A. lanceolata** subsp. **lanceolata**

albidiflora Poelln.

Perennial. Herb, succulent. Ht 0.03–0.06 m. Alt 300–1850 m. NC, WC, EC

albissima Marloth = **Avonia albissima**

alstonii Schönland = **Avonia quinaria** subsp. **alstonii**

alta Poelln. = **A. filamentosa** subsp. **namaquensis**

arachnoides (Haw.) Sims

A. depauperata (A.Berger) Poelln. (9)

A. gracilis Poelln. (9)

A. rubens (Haw.) Sweet (10)

A. rubroviridis Poelln. (10)

A. schoenlandii Poelln. (9)

Perennial. Herb, succulent. Ht 0.03–0.1 m. Alt 300–1850 m. L, WC, EC

arachnoides (Haw.) Sims subsp. *grandiflora* Sond. = **A. rufescens**

baeseckeii Dinter

A. crinita Dinter ex Poelln. (9)

A. parviflora Poelln. (9)

Perennial. Herb, succulent. Ht 0.02–0.03 m. Alt 300–1050 m. N, NC

bayeriana S.A.Hammer

Perennial. Herb, succulent. Ht up to 0.01 m. Alt 750–950 m. N, NC

bremekampii Poelln. = **Avonia rhodesica**

buderiana Poelln. = **Avonia recurvata** subsp. **buderiana**

comptonii Pillans

Perennial. Herb, succulent. Ht up to 0.01 m. Alt 900–1350 m. NC, WC

crinita Dinter ex Poelln. = **A. baeseckeii**

decipiens Poelln. = **Avonia rhodesica**

densifolia Dinter ex Poelln. = **A. filamentosa** subsp. **tomentosa**

depauperata (A.Berger) Poelln. = **A. arachnoides**

dielsiana Dinter = **A. karasmontana**

dinteri Schinz = **Avonia dinteri**

filamentosa (Haw.) Sims subsp. **filamentosa**

A. lanigera Burch. (9)

Perennial. Herb, succulent. Ht 0.03–0.07 m. Alt 350–1600 m. LIM, NW, FS, NC, WC

filamentosa (Haw.) Sims subsp. **namaquensis** (H.Pearson & Stephens) G.D.Rowley

A. alta Poelln. (10)

A. namaquensis H.Pearson & Stephens (10)

A. poellnitziana Dinter ex Poelln. (10)

Perennial. Herb, succulent. Ht 0.03–0.07 m. Alt 100–1150 m. N, NC

filamentosa (Haw.) Sims subsp. **tomentosa** (A.Berger) Gerbaulet

A. densifolia Dinter ex Poelln. (9)

A. margarethae Dinter (10)

A. paradoxa Poelln. (10)

A. tomentosa A.Berger (9)

A. tomentosa A.Berger var. *crinita* Dinter (9)

A. tomentosa A.Berger var. *margaretae* (Poelln.) Poelln. (9)

Perennial. Herb, succulent. Ht 0.01–0.04 m. Alt 650–1400 m. N, NC

fissa Poelln. = **Avonia rhodesica**

gracilis Poelln. = **A. arachnoides**

herreana Poelln. = **Avonia herreana**

karasmontana Dinter ex Poelln.

A. dielsiana Dinter (9)

Perennial. Herb, succulent. Ht 0.01–0.02 m. Alt 100–1250 m. N

lanceolata (Haw.) Sweet subsp. **lanceolata**

A. affinis H.Pearson & Stephens (9)

Perennial. Herb, succulent. Ht 0.02–0.08 m. Alt 150–1250 m. NC

lanceolata (Haw.) Sweet subsp. **nebrownii** (Poelln.) Gerbaulet

A. nebrownii Poelln. (9)

Perennial. Herb, succulent. Ht 0.01–0.08 m. Alt 150–1250 m. NC, WC, EC

lanigera Burch. = **A. filamentosa** subsp. **filamentosa**

lubbersii Bleck = **A. subnuda** subsp. **lubbersii**

mallei (G.Will.) G.Will. = **Avonia mallei**

margarethae Dinter = **A. filamentosa** subsp. **tomentosa marlothii** Poelln.

Perennial. Herb, succulent. Ht up to 0.015 m. Alt 150–1250 m. NC

meyeri Poelln. = **Avonia papyracea** subsp. **namaensis**

namaquensis H.Pearson & Stephens = **A. filamentosa** subsp. **namaquensis**

nebrownii Poelln. = **A. lanceolata** subsp. **nebrownii**

nitida Poelln. = **A. retusa**

ombonensis Dinter ex Poelln. = **Avonia dinteri**

papyracea E.Mey. ex Fenzl subsp. *namaensis* Gerbaulet = **Avonia papyracea** subsp. **namaensis**

papyracea E.Mey. ex Fenzl subsp. *papyracea* = **Avonia papyracea** subsp. **papyracea**

paradoxa Poelln. = **A. filamentosa** subsp. **tomentosa**
parviflora Poelln. = **A. baeseckeii**
pisina G. Will.
 Perennial. Herb, succulent. Ht up to 0.01 m. Alt 800–1000 m. NC
poellnitziana Dinter ex Poelln. = **A. filamentosa** subsp. **namaquensis**
prominens G. Will. = **Avonia prominens**
quinaria E. Mey. ex Fenzl = **Avonia quinaria** subsp. **quinaria**
recurvata Schönland subsp. *buderiana* (Poelln.) Gerbaulet = **Avonia recurvata** subsp. **buderiana**
recurvata Schönland subsp. *minuta* Gerbaulet = **Avonia recurvata** subsp. **minuta**
recurvata Schönland subsp. *recurvata* = **Avonia recurvata** subsp. **recurvata**
retusa Poelln.
A. nitida Poelln. (9)
A. truncata Poelln. (9)
 Perennial. Herb, succulent. Ht 0.02–0.07 m. Alt 0–1500 m. N, NC, WC
rhodesica N.E.Br. = **Avonia rhodesica**
rubens (Haw.) Sweet = **A. arachnoides**
rubroviridis Poelln. = **A. arachnoides**
rufescens (Haw.) Sweet
A. arachnoides (Haw.) Sims subsp. *grandiflora* Sond. (10)
 Perennial. Herb, succulent. Ht 0.02–0.05 m. Alt 200–2150 m. M, FS, KZN, L, NC, WC, EC
ruschii Dinter & Poelln. = **Avonia ruschii**
schoenlandii Poelln. = **A. arachnoides**
scopata G. Will.
 Perennial. Herb, succulent. Ht up to 0.01 m. Alt 350–450 m. NC
starkiana Poelln. = **A. subnuda** subsp. **subnuda**
subnuda Poelln. subsp. **lubbersii** (Bleck) Gerbaulet
A. lubbersii Bleck (9)
 Perennial. Herb, succulent. Ht 0.01–0.02 m. Alt 1200–1550 m. G, M
subnuda Poelln. subsp. **subnuda**
A. starkiana Poelln. (10)
 Perennial. Herb, succulent. Ht 0.04–0.07 m. Alt 850–1850 m. B, LIM, NW, G, M, FS
telephiastrum DC.
A. varians (Haw.) Sweet (10)
 Perennial. Herb, succulent. Ht 0.05–0.06 m. Alt 200–1700 m. NC, FS, KZN, WC, EC
tomentosa A. Berger = **A. filamentosa** subsp. **tomentosa**
tomentosa A. Berger var. *crinita* Dinter = **A. filamentosa** subsp. **tomentosa**
tomentosa A. Berger var. *margaretae* (Poelln.) Poelln. = **A. filamentosa** subsp. **tomentosa**
truncata Poelln. = **A. retusa**
ustulata E. Mey. ex Fenzl = **Avonia ustulata**
variabilis Poelln. = **Avonia variabilis**
varians (Haw.) Sweet = **A. telephiastrum**
wischkonii Dinter ex Poelln. = **Avonia dinteri**

wischkonii Dinter ex Poelln. var. *levis* Poelln. = **Avonia dinteri**

AVONIA (E. Mey. ex Fenzl) 2412010
 G.D. Rowley

- (1) Poellnitz. 1933. *Botanische Jahrbücher* 65: 382–448.
- (2) Wild. 1961. *FZ* 1: 362–372.
- (3) Rowley. 1994. *Bradleya* 12: 105–112.
- (4) Steffens. 1995. *Aloe* 32: 12–16.
- (5) Rowley. 1995. *Anacampseros, Avonia, Grahamia: a growers' handbook*: 1–80.
- (6) Williamson. 1995. *Cactus & Succulent Journal, Los Angeles* 67: 104–107.
- (7) Williamson. 1997. *Aloe* 34: 45, 46.
- (8) Williamson. 1997. *British Cactus and Succulent Journal* 15: 208.
- (9) Williamson. 1998. *Aloe* 35: 18–23.
- (10) Burgoyne & Condy. 1999. *Flowering Plants of Africa* 56: 58–60, t. 2150.

albissima (Marl.) G.D. Rowley
Anacampseros albissima Marloth (3)
 Perennial. Herb, succulent. Ht up to 0.04 m. Alt 0–1850 m. N, NC

dinteri (Schinz) G.D. Rowley
Anacampseros dinteri Schinz (3)
Anacampseros ombonensis Dinter ex Poelln. (3)
Anacampseros wischkonii Dinter ex Poelln. (3)
Anacampseros wischkonii Dinter ex Poelln. var. *levis* Poelln. (3)
 Perennial. Herb, succulent. Ht up to 0.05 m. Alt 600–2000 m. N, NC, WC, EC

herreana (Poelln.) G.D. Rowley
Anacampseros herreana Poelln. (3)
 Perennial. Herb, succulent. Ht up to 0.03 m. Alt 150–950 m. NC

mallei G. Will.
Anacampseros mallei (G. Will.) G. Will. (7)
 Perennial. Herb, succulent. Ht 0.04–0.08 m. Alt 200–700 m. NC

papyracea (E. Mey. ex Fenzl) G.D. Rowley subsp. **namaensis** (Gerbaulet) G.D. Rowley
Anacampseros meyeri Poelln. (3)
Anacampseros papyracea E. Mey. ex Fenzl subsp. *namaensis* Gerbaulet (3)
 Perennial. Herb, succulent. Ht up to 0.08 m. Alt 650–1350 m. N, NC

papyracea (E. Mey. ex Fenzl) G.D. Rowley subsp. **papyracea**
Anacampseros papyracea E. Mey. ex Fenzl subsp. *papyracea* (3)
 Perennial. Herb, succulent. Ht up to 0.08 m. Alt 300–1500 m. N, NC, WC

prominens (G. Will.) G. Will.
Anacampseros prominens G. Will. (8)
 Perennial. Herb, succulent. Ht 0.08–0.1 m. Alt 450–600 m. NC

quinaria (E. Mey. ex Fenzl) G.D. Rowley subsp. **alstonii** (Schönland) G.D. Rowley
Anacampseros alstonii Schönland (3)
 Perennial. Herb, succulent. Ht up to 0.03 m. Alt 600–1350 m. NC

quinaria (E. Mey. ex Fenzl) G.D. Rowley subsp. **quinaria**
Anacampseros quinaria E. Mey. ex Fenzl (3)
 Perennial. Herb, succulent. Ht up to 0.03 m. Alt 900–1500 m. N, NC

recurvata (Schönland) G.D. Rowley subsp. **buderiana** (Poelln.) G. Will.
Anacampseros buderiana Poelln. (9)

- Anacampseros recurvata* Schönland subsp. *buderiana* (Poelln.) Gerbaulet (9)
Perennial. Herb, succulent. Ht up to 0.04 m. Alt 150–600 m. NC
- recurvata** (Schönland) G.D.Rowley subsp. **minuta** (Gerbaulet) G.D.Rowley
Anacampseros recurvata Schönland subsp. *minuta* Gerbaulet (3)
Perennial. Herb, succulent. Ht up to 0.04 m. Alt 750–1050 m. NC
- recurvata** (Schönland) G.D.Rowley subsp. **recurvata**
Anacampseros recurvata Schönland subsp. *recurvata* (3)
Perennial. Herb, succulent. Ht up to 0.07 m. Alt 300–1150 m. NC
- rhodesica** (N.E.Br.) G.D.Rowley
Anacampseros bremekampii Poelln. (3)
Anacampseros decipiens Poelln. (3)
Anacampseros fissa Poelln. (3)
Anacampseros rhodesica N.E.Br. (3)
Perennial. Herb, succulent. Ht up to 0.03 m. Alt 500–1600 m. B, LIM
- ruschii** (Dinter & Poelln.) G.D.Rowley
Anacampseros ruschii Dinter & Poelln. (3)
Perennial. Herb, succulent. Ht up to 0.04 m. Alt 750–1150 m. NC
- ustulata** (E.Mey. ex Fenzl) G.D.Rowley
Anacampseros ustulata E.Mey. ex Fenzl (3)
Perennial. Herb, succulent. Ht up to 0.03 m. Alt 800–1600 m. FS, WC, EC
- variabilis** (Poelln.) G.Will.
Anacampseros variabilis Poelln. (7)
Perennial. Herb, succulent. Ht up to 0.05 m. Alt 150–600 m. N, NC
- *CALANDRINIA** Kunth 2407000
(1) Scoggan. 1978. *Flora of Canada* 3: 666.
- ciliata** (Ruiz & Pav.) DC.
C. ciliata (Ruiz & Pav.) DC. var. *menziesii* (Hook.) J.F.Macbr. (1)
Annual. Herb. Ht 0.15–0.25 m. Alt 0–300 m. WC
- ciliata* (Ruiz & Pav.) DC. var. *menziesii* (Hook.) J.F.Macbr. = **C. ciliata**
- CERARIA** H.Pearson & Stephens 2419010
(1) Pearson & Stephens. 1912. *Annals of the South African Museum* 9: 30–35.
(2) Podlech. 1967. *FSWA* 29: 7, 8.
(3) Dyer. 1984. *The Flowering Plants of Africa* 48: t. 1892.
(4) Glen. 2002. *Bothalia* 32: 196, 197.
- fruticulosa** H.Pearson & Stephens
C. schaeferi Engl. & Schltr. (2)
Perennial. Shrub. Ht 0.3–1.5 m. Alt 150–1250 m. N, NC
- gariiepina* H.Pearson & Stephens = **C. namaquensis**
- longipedunculata** Merxm. & Podlech
Perennial. Shrub. Ht 0.75–2.5 m. Alt 500–2000 m. N
- namaquensis** (Sond.) H.Pearson & Stephens
C. gariiepina H.Pearson & Stephens (4)
Portulacaria namaquensis Sond. (2)
Perennial. Tree, shrub. Ht 1.5–5 m. Alt 100–1000 m. N, NC
- schaeferi* Engl. & Schltr. = **C. fruticulosa**
- PORTULACA** L. 2421000
(1) Dyer & Bruce. 1949. *The Flowering Plants of Africa* 27: t. 1069.
(2) Wild. 1961. *FZ* 1: 362–372.
- (3) Merxmüller. 1967. *FSWA* 29: 8–10.
(4) Wild & Diniz. 1973. *Flora de Moçambique* 21: 1–6.
- collina** Dinter
Perennial. Herb, succulent. Ht 0.03–0.1 m. Alt 450–1550 m. N, LIM
- crocodilorum* Poelln. = **P. kermesina**
- foliosa** Ker Gawl.
Annual, occ. perennial. Herb. Ht 0.1–0.3 m. Alt 300–1000 m. N, LIM, S, NC
- grandiflora** Hook.
Annual. Herb, succulent. Ht 0.07–0.3 m. Alt 500–1750 m. LIM, NW, G
- hereroensis** Schinz
Annual. Herb. Ht 0.05–0.1 m. Alt 450–1650 m. N, B, LIM, NW, FS, NC
- kermesina** N.E.Br.
P. crocodilorum Poelln. (2)
Annual, occ. perennial. Herb. Ht 0.05–0.3 m. Alt 50–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, NC
- *oleracea** L.
P. oleracea L. subsp. *sylvestris* (DC.) Thell. (3)
P. oleracea L. var. *opposita* Poelln. (3)
Annual. Herb. Ht up to 0.05 m. Alt 50–1850 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- oleracea* L. subsp. *sylvestris* (DC.) Thell. = **P. oleracea**
- oleracea* L. var. *opposita* Poelln. = **P. oleracea**
- pilosa** L.
Annual. Herb. Ht 0.05–0.18 m. Alt 450–1400 m. B, LIM, NW, G
- quadrifida** L.
P. walteriana Poelln. (3)
Annual. Herb, succulent. Ht 0.05–0.08 m. Alt 50–1750 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC
- rhodesiana** R.A.Dyer & E.A.Bruce
Annual. Herb, (semi)succulent. Ht up to 0.07 m. Alt 1000–1500 m. M
- trianthemoides** Bremek.
Annual. Herb, succulent. Ht 0.05–0.08 m. Alt 400–1500 m. LIM
- walteriana* Poelln. = **P. quadrifida**
- PORTULACARIA** Jacq. 2419000
(1) Podlech. 1967. *FSWA* 29: 10.
(2) Dyer. 1978. *The Flowering Plants of Africa* 45: t. 1763.
(3) Van Jaarsveld. 1984. *Journal of South African Botany* 50: 393–399.
- afra** Jacq.
Perennial. Tree, shrub, succulent. Ht 1–4 m. Alt 0–1400 m. LIM, NW, M, S, KZN, WC, EC
- armiana** Van Jaarsv.
Perennial. Shrub, succulent. Ht 2–7 m. Alt 600–1050 m. N
- namaquensis* Sond. = **Ceraria namaquensis**
- pygmaea** Pillans
Perennial. Dwarf shrub, succulent. Ht 0.1–0.2 m. Alt 150–1000 m. N, NC
- TALINUM** Adans. 2406000
(1) Poellnitz. 1934. *Feddes Repertorium* 35: 1–34.

- (2) Podlech. 1967. *FSWA* 29: 11, 12.
 (3) Tölken. 1969. *The Flowering Plants of Africa* 40: t. 1579.
 (4) Tölken. 1969. *Bothalia* 10: 19–28.
 (5) Wild & Diniz. 1973. *Flora de Moçambique* 21: 7–13.

arnotii Hook.f.

T. caffrum in sense of Dinter, misapplied name (4)
T. cuneifolium in sense of Poelln. (1934) & in sense of Podlech (1967), misapplied name (4)

Annual, occ. perennial. Dwarf shrub. Ht 0.3–0.4 m.
 Alt 200–1700 m. N, B, LIM, NW, M, S, FS, NC

caffrum in sense of Dinter, misapplied name = **T. arnotii**

caffrum (Thunb.) Eckl. & Zeyh.

T. esculentum Dinter & G.Schellenb. (4)

Annual, occ. perennial. Dwarf shrub, herb, succulent.
 Ht 0.03–0.6 m. Alt 50–2750 m. N, B, LIM, NW,
 G, M, S, FS, KZN, L, NC, WC, EC

crispatulatum in sense of Wild, misapplied name = **T. tenuissimum**

crispatulatum Dinter ex Poelln.

Annual, occ. perennial. Dwarf shrub. Ht up to 0.1 m.
 Alt 850–1550 m. N, B, LIM, NW, NC

cuneifolium in sense of Poelln. (1934) & in sense of Podlech (1967), misapplied name = **T. arnotii**

cuneifolium Willd. = **T. portulacifolium**

dinteri Poelln. = **T. tenuissimum**

esculentum Dinter & G.Schellenb. = **T. caffrum**

paniculatum (Jacq.) Gaertn.

Annual, occ. perennial. Dwarf shrub. Ht 0.2–0.5 m.
 Alt 0–1550 m. G, S, KZN, EC

portulacifolium (Forssk.) Asch. ex Schweinf.

T. cuneifolium Willd. (4)

Annual, occ. perennial. Shrub. Ht 0.6–1 m. Alt 200–1150 m. B, LIM, M

tenuissimum Dinter

T. crispatulatum in sense of Wild, misapplied name (4)

T. dinteri Poelln. (4)

T. transvaalense Poelln. (4)

Annual, occ. perennial. Dwarf shrub. Ht 0.03–0.25 m.
 Alt 300–1450 m. B, LIM, M, NC

transvaalense Poelln. = **T. tenuissimum**

PRIMULACEAE

Compiled by H.F. Glen

ANAGALLIS L.

6338000

- (1) Dyer. 1963. *FSA* 26: 13–15.
 (2) Tebbit. 1997. *European garden flora* 5: 558.

***arvensis** L. subsp. **arvensis**

Annual. Herb. Ht 0.04–0.4 m. Alt 0–1550 m. LIM, G,
 FS, KZN, NC, WC, EC

capensis L. = **Diascia capensis**

huttonii Harv.

Annual. Herb. Ht 0.15–0.55 m. Alt 0–2650 m. LIM,
 M, KZN, L, WC, EC

***pumila** Sw.

Annual. Herb. Ht 0.05–0.2 m. Alt 640–1700 m. N, G,
 M

pumila Sw. var. *natalensis* Pax & R.Knuth = **A. tenuicaulis**

tenuicaulis Baker

A. pumila Sw. var. *natalensis* Pax & R.Knuth (1)

Annual. Herb. Ht 0.05–0.2 m. Alt 0–300 m. KZN

LYSIMACHIA L.

6330000

- (1) Dyer. 1963. *FSA* 26: 11–13.

monnieri L. = **Bacopa monnieri**

nutans Nees

Perennial. Herb. Ht 0.25–0.75 m. Alt 550–1400 m. EC

parvifolia Baker = **L. ruhmeriana**

ruhmeriana Vatke

L. parvifolia Baker (1)

L. woodii Schltr. ex Pax & R.Knuth (1)

Perennial. Herb. Ht 0.8–1.2 m. Alt 100–2075 m. LIM,
 M, S, FS, KZN, EC

woodii Schltr. ex Pax & R.Knuth = **L. ruhmeriana**

PROTEACEAE

Compiled by J.P. Rourke

AULAX P.J.Bergius

2038000

- (1) Rourke. 1987. *South African Journal of Botany* 53: 464–480.

cancellata (L.) Druce

A. pinifolia P.J.Bergius (1)

Perennial. Shrub. Ht 0.5–2.5 m. Alt 0–1200 m. WC

cneorifolia Salisb. ex Knight = **A. umbellata**

pallasia Stapf

Perennial. Lignotuberous shrub. Ht 0.5–3 m. Alt
 800–2000 m. WC

pinifolia P.J.Bergius = **A. cancellata**

umbellata (Thunb.) R.Br.

A. cneorifolia Salisb. ex Knight (1)

Perennial. Shrub. Ht 0.5–2.5 m. Alt 0–500 m. WC

BRABEJUM L.

2024000

- (1) Stapf. 1912. *FC* 5: 504, 505.

stellatifolium L.

Perennial. Tree, shrub. Ht 1.5–8 m. Alt 40–915 m. WC

CONCHIUM Sm.

2047010

aciculare Vent. = **Hakea sericea**

DIASTEELLA Salisb. ex Knight 2031020(1) Rourke. 1976. *Journal of South African Botany* 42: 185–210.*bryiflora* Salisb. ex Knight = **D. thymelaeoides** subsp. **thymelaeoides****buekii** (Gand.) Rourke

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 200–300 m. WC

divaricata (P.J.Bergius) Rourke subsp. **divaricata**

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 0–600 m. WC

divaricata (P.J.Bergius) Rourke subsp. **montana** Rourke*D. serpyllifolia* Salisb. ex Knight (1)

Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 300–1200 m. WC

ericaefolia Salisb. ex Knight = **D. proteoides****fraterna** Rourke

Perennial. Dwarf shrub. Ht 0.3–0.7 m. Alt 0–450 m. WC

myrtifolia (Thunb.) Salisb. ex Knight

Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 400–600 m. WC

parilis Salisb. ex Knight

Perennial. Dwarf shrub. Ht 0.5–0.7 m. Alt 230–500 m. WC

proteoides (L.) Druce*D. ericaefolia* Salisb. ex Knight (1)*Mimetes purpureus* (L.) R.Br. (1)

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 50–160 m. WC

serpyllifolia Salisb. ex Knight = **D. divaricata** subsp. **montana****thymelaeoides** (P.J.Bergius) Rourke subsp. **meridiana** Rourke

Perennial. Shrub, dwarf shrub. Ht 0.5–1.5 m. Alt 0–150 m. WC

thymelaeoides (P.J.Bergius) Rourke subsp. **thymelaeoides***D. bryiflora* Salisb. ex Knight (1)*Paranomus concavus* (Lam.) Kuntze (1)

Perennial. Shrub, dwarf shrub. Ht 0.5–1.5 m. Alt 450–900 m. WC

FAUREA Harv. 2034000(1) Harvey. 1847. *London Journal of Botany* 6: 373–375.(2) Welwitsch. 1869. *Transactions of the Linnean Society of London* 27: 62–66.(3) Phillips & Stapf. 1912. *FC* 5: 639–643.(4) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 391.(5) Coates Palgrave & Moll. 1977. *Trees of southern Africa*: 125–127.(6) Marner. 1993. *FTEA* Proteaceae: 2–8.(7) Lebrun & Stork. 1995. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 119.*decipiens* C.H.Wright = **F. rochetiana****galpinii** E.Phillips

Perennial. Tree. Ht 2–? m. Alt 1200–1800 m. M, S, L

macnaughtonii E.Phillips*F. natalensis* E.Phillips (5)

Perennial. Tree. Ht? Alt? S, KZN, WC, EC

natalensis E.Phillips = **F. macnaughtonii****rochetiana** (A.Rich.) Chiov. ex Pic.Serm.*F. decipiens* C.H.Wright (7)*F. rochetiana* (A.Rich.) Chiov. ex Pic.Serm. subsp. *speciosa* (Welw.) Troupin (7)*F. speciosa* Welw. (6)*F. speciosa* Welw. var. *lanuginosa* Hiern (7)

Perennial. Tree. Ht 5–10 m. Alt 600–1500 m. M, S, KZN, L

rochetiana (A.Rich.) Chiov. ex Pic.Serm. subsp. *speciosa* (Welw.) Troupin = **F. rochetiana****saligna** Harv.

Perennial. Tree. Ht 7–20 m. Alt 900–1500 m. NW, G, M, S, KZN, L

speciosa Welw. = **F. rochetiana***speciosa* Welw. var. *lanuginosa* Hiern = **F. rochetiana*****GREVILLEA** R.Br. ex Knight 2045000(1) McGillivray & Makinson. 1993. *Grevillea*, *Proteaceae*, a taxonomic revision: 1–465.**banksii** R.Br.

Perennial. Shrub. Ht 3–10 m. Alt 100–1000 m. KZN

HAKEA** Schrad. 2047000(1) Stirton. 1978. *Plant invaders. Beautiful but dangerous*: 72–83.(2) Barker *et al.* 1991. *Flora of Australia* 17B Proteaceae 3: 1–171.*acicularis* (Vent.) Knight = **H. sericea*drupacea** (C.F. Gaertn.) Roem & Schult.*H. suaveolens* R.Br. (2)

Perennial. Shrub. Ht? Alt 100–1000 m. WC

gibbosa (Sm.) Cav.

Perennial. Shrub 1–3 m. Alt 100–300 m. WC

salicifolia (Vent.) B.L.Burt*H. saligna* (Andrews) Knight (2)

Perennial. Tree, shrub. Ht 2–5 m. Alt 100–1200 m. S, WC

saligna (Andrews) Knight = **H. salicifolia****sericea** Schrad. & J.C.Wendl.*Conchium aciculare* Vent. (2)*H. acicularis* (Vent.) Knight (2)*H. tenuifolia* (Salisb.) Britten (2)

Perennial. Shrub. Ht 2–4 m. Alt 100–1200 m. WC, EC

suaveolens R.Br. = **H. drupacea***tenuifolia* (Salisb.) Britten = **H. sericea****LEUCADENDRON** R.Br. 2037000(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: tt. 7, 8.(2) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 170.(3) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 373.(4) Phillips. 1942. *The Flowering Plants of South Africa* 22: t. 862.(5) Williams. 1967. *The Flowering Plants of Africa* 38: tt. 1492–1494, 1514, 1515.(6) Williams. 1969. *The Flowering Plants of Africa* 39: t. 1560.(7) Williams. 1972. *Contributions from the Bolus Herbarium* 3: 1–425.(8) Williams. 1981. *Journal of South African Botany* 47: 121–126.(9) Van Wyk. 1990. *South African Journal of Botany* 47: 458–466.(10) Rourke. 1997. *Bothalia* 27: 52–55.(11) Pooley. 1998. *A field guide to wildflowers of KwaZulu-Natal and the eastern region*: 248.*abietinum* R.Br. = **L. teretifolium***adscendens* R.Br. = **L. salignum***aemulum* R.Br. = **L. comosum** subsp. **comosum***aemulum* R.Br. var. *homaeophyllum* Meisn. = **L. comosum** subsp. **homaeophyllum****album** (Thunb.) Fourc.*L. aurantiacum* H.Buek ex Meisn. (7)*L. proteoides* E.Phillips & Hutch. (7)

- Perennial. Shrub. Ht 1–2 m. Alt 1000–1350 m. WC, EC
- angustatum* R.Br. = **L. ericifolium**
- arcuatum** (Lam.) I. Williams
L. crassifolium R.Br. (7)
L. crassulaefolium (Salisb. ex Knight) I. Williams (7)
L. spathulatum R.Br. (7)
 Perennial. Lignotuberous shrub. Ht 0.5–2 m. Alt 800–1500 m. WC
- argenteum** (L.) R.Br.
 Perennial. Tree. Ht 6–10 m. Alt 400–600 m. WC
- aurantiacum* H.Buek ex Meisn. = **L. album**
- barkerae** I. Williams
 Perennial. Shrub. Ht 1–2 m. Alt 1000–1220 m. WC
- bonum** I. Williams
 Perennial. Shrub. Ht 1–1.6 m. Alt 1300–1500 m. WC
- brunioides** Meisn. var. **brunioides**
L. fusciflora E. Phillips & Hutch. (7)
L. inflexum Link in part (7)
 Perennial. Lignotuberous shrub. Ht 1–2 m. Alt 100–1000 m. WC
- brunioides** Meisn. var. **flumenlupinum** I. Williams
 Perennial. Lignotuberous shrub. Ht 1–1.6 m. Alt 100–800 m. WC
- burchellii** I. Williams
 Perennial. Shrub. Ht 1–1.6 m. Alt 730–1000 m. WC
- cadens** I. Williams
 Perennial. Shrub. Ht 0.3–0.5 m. Alt 1400–1500 m. WC
- chamelaea** (Lam.) I. Williams
L. decurrens R.Br. (7)
 Perennial. Shrub. Ht 1–2.5 m. Alt 200–1000 m. WC
- cinereum* R.Br. in part = **L. verticillatum**
- cinereum** (Sol. ex Aiton) R.Br.
L. truncatum (Thunb.) Meisn. (7)
 Perennial. Shrub. Ht 0.5–1 m. Alt 15–90 m. WC
- comosum** (Thunb.) R.Br. subsp. **comosum**
L. aemulum R.Br. (7)
L. deasii E. Phillips (7)
 Perennial. Shrub. Ht 1–2.5 m. Alt 1000–1800 m. WC
- comosum** (Thunb.) R.Br. subsp. **homaephyllum** (Meisn.) I. Williams
L. aemulum R.Br. var. *homaephyllum* Meisn. (7)
 Perennial. Shrub. Ht 1–2.5 m. Alt 450–920 m. WC
- concauum** I. Williams
 Perennial. Shrub. Ht 1–1.5 m. Alt 1000–1200 m. WC
- concinnum* R.Br. = **L. procerum**
- concinnum* R.Br. var. *latifolium* Meisn. = **L. roodii**
- concolor* R.Br. = **L. strobilinum**
- conicum** (Lam.) I. Williams
L. ramosissimum H.Buek ex Meisn. (7)
 Perennial. Tree, shrub. Ht 3–6 m. Alt 270–1000 m. WC, EC
- coniferum** (L.) Meisn.
L. inflexum Link in part (7)
L. sabulosum Salter (7)
 Perennial. Tree, shrub. Ht 2–4 m. Alt 10–100 m. WC
- cordatum** E. Phillips
L. humifusum E. Phillips & Hutch. (7)
 Perennial. Shrub. Ht 0.5–1 m. Alt 450–1700 m. WC
- coriaceum** E. Phillips & Hutch.
 Perennial. Lignotuberous dwarf shrub. Ht 0.5–1 m. Alt 120–150 m. WC
- corymbosum** P.J. Bergius
 Perennial. Shrub. Ht 1–2 m. Alt 100–300 m. WC
- crassifolium* R.Br. = **L. arcuatum**
- crassulaefolium* (Salisb. ex Knight) I. Williams = **L. arcuatum**
- cryptocephalum** Guthrie
 Perennial. Shrub. Ht 0.5–1 m. Alt 90–260 m. WC
- daphnoides** (Thunb.) Meisn.
L. venosum R.Br. (7)
 Perennial. Shrub. Ht 1–1.5 m. Alt 240–914 m. WC
- deasii* E. Phillips = **L. comosum** subsp. **comosum**
- decorum* R.Br. = **L. laureolum**
- decurrens* R.Br. = **L. chamelaea**
- diemontianum** I. Williams
 Perennial. Shrub. Ht 1–2.2 m. Alt 600–1200 m. WC
- discolor** E. Phillips & Hutch.
 Perennial. Shrub. Ht 1–2.5 m. Alt 450–900 m. WC
- dregei** E. Mey. ex Meisn.
Leucospermum zwartbergense Bolus (7)
 Perennial. Dwarf shrub. Ht 0.5–0.7 m. Alt 1500–1800 m. WC
- dubium** (H.Buek ex Meisn.) E. Phillips & Hutch.
 Perennial. Shrub. Ht 1–1.3 m. Alt 900–1800 m. WC
- elatum* H.Buek ex Meisn. = **L. pubescens**
- elimense** E. Phillips subsp. **elimense**
 Perennial. Shrub. Ht 1–1.5 m. Alt 50–150 m. WC
- elimense** E. Phillips subsp. **salteri** I. Williams
 Perennial. Shrub. Ht 0.5–1 m. Alt 30–300 m. WC
- elimense** E. Phillips subsp. **vyeboomense** I. Williams
 Perennial. Shrub. Ht 0.5–1.3 m. Alt 300–370 m. WC
- empetrifolium* Gand. = **L. stellare**
- ericifolium** R.Br.
L. angustatum R.Br. (7)
L. uniflorum E. Phillips (7)
 Perennial. Shrub. Ht 1–3 m. Alt 300–600 m. WC
- eucalyptifolium** H.Buek ex Meisn.
 Perennial. Shrub. Ht 2–5 m. Alt 150–1300 m. WC
- flexuosum** I. Williams
 Perennial. Shrub. Ht 1–2.5 m. Alt 170–180 m. WC
- floridum** R.Br.
 Perennial. Shrub. Ht 1–2 m. Alt 40–900 m. WC
- foedum** I. Williams
 Perennial. Shrub. Ht 1–3 m. Alt 30–100 m. WC
- fusciflora* E. Phillips & Hutch. = **L. brunioides** var. **brunioides**
- fusciflorum* (Jacq.) R.Br. = **L. linifolium**
- galpinii** E. Phillips & Hutch.
 Perennial. Shrub. Ht 2–3 m. Alt 180–200 m. WC
- gandogeri** Schinz ex Gand.
L. guthrieae Salter (7)
 Perennial. Shrub. Ht 1–1.6 m. Alt 20–1200 m. WC
- glaberrimum** (Schltr.) Compton subsp. **erubescens** I. Williams
 Perennial. Lignotuberous shrub. Ht 0.5–0.8 m. Alt 300–900 m. WC

- glaberrimum** (Schltr.) Compton subsp. **glaberrimum**
Perennial. Lignotuberous dwarf shrub. Ht 0.3–1.3 m.
Alt 800–1600 m. WC
- glabrum* R.Br. = **L. spissifolium** subsp. **spissifolium**
- globosum** (Kenn. ex Andrews) I. Williams
L. ovale R.Br. (7)
Perennial. Shrub. Ht 1–1.3 m. Alt 200–250 m. WC
- gnidioides* Gand. & Schinz = **L. spissifolium** subsp. **phillipsii**
- grandiflorum** (Salisb.) R.Br.
Perennial. Shrub. Ht 1–1.5 m. Alt 200–220 m. WC
- guthrieae* Salter = **L. gandogeri**
- gydoense** I. Williams
Perennial. Shrub. Ht 1–1.3 m. Alt 1200–1600 m. WC
- humifusum* E. Phillips = **L. sessile**
- humifusum* E. Phillips & Hutch. = **L. cordatum**
- humifusum* (Meisn.) E. Phillips & Hutch. = **L. tinctum**
- imbricatum* R.Br. = **L. stellare**
- immoderatum** Rourke
Perennial. Shrub. Ht 1–2 m. Alt 1400–1500 m. WC
- inflexum* Link in part = **L. brunioides** var. **brunioides**
- inflexum* Link in part = **L. coniferum**
- involutratum* Meisn. = **L. salignum**
- lanigerum** H. Buek ex Meisn. var. **laevigatum** Meisn.
Perennial. Lignotuberous shrub. Ht 1–1.6 m. Alt 100–200 m. WC
- lanigerum** H. Buek ex Meisn. var. **lanigerum**
Perennial. Lignotuberous shrub. Ht 1–1.5 m. Alt 100–200 m. WC
- laureolum** (Lam.) Fourc.
L. decorum R.Br. (7)
Perennial. Shrub. Ht 1–2.5 m. Alt 20–200 m. WC
- laxum** I. Williams
Perennial. Shrub. Ht 1–1.5 m. Alt 50–300 m. WC
- levisanus** (L.) P.J. Bergius
Perennial. Shrub. Ht 1–2 m. Alt 50–200 m. WC
- linifolium** (Jacq.) R.Br.
L. fusciflorum (Jacq.) R.Br. (7)
L. longicaule (Salisb. ex Knight) I. Williams (7)
L. tortum R.Br. (7)
Perennial. Shrub. Ht 1–3 m. Alt 5–100 m. WC
- loeriense** I. Williams
Perennial. Dwarf shrub. Ht 0.5–1.5 m. Alt 600–900 m.
EC
- longicaule* (Salisb. ex Knight) I. Williams = **L. linifolium**
- loranthifolium** (Salisb. ex Knight) I. Williams
L. pearsonii E. Phillips (7)
L. pseudospathulatum E. Phillips & Hutch. (7)
Perennial. Shrub. Ht 1–2 m. Alt 60–1000 m. WC
- macowanii** E. Phillips
Perennial. Shrub. Ht 1–2.5 m. Alt 20–60 m. WC
- marginatum* (Willd.) Link = **L. spissifolium** subsp. **spissifolium**
- meridianum** I. Williams
Perennial. Shrub. Ht 1–2 m. Alt 20–100 m. WC
- meyerianum** H. Buek ex E. Phillips & Hutch.
Perennial. Shrub. Ht 1–2 m. Alt 700–800 m. NC, WC
- microcephalum** (Gand.) Gand. & Schinz
L. stokoei E. Phillips (7)
Perennial. Shrub. Ht 1–2 m. Alt 1000–1800 m. WC
- minus* E. Phillips & Hutch. and var. *glabrescens*
E. Phillips & Hutch. = **L. spissifolium** subsp. **spissifolium**
- modestum** I. Williams
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 50–100 m.
WC
- muirii** E. Phillips
Perennial. Shrub. Ht 0.5–2 m. Alt 50–250 m. WC
- natalense* Thode & Gilg = **L. spissifolium** subsp. **natalense**
- nervosum** E. Phillips & Hutch.
Perennial. Shrub. Ht 1–2 m. Alt 1000–1300 m. WC
- nitidum** H. Buek ex Meisn.
L. schinzianum Schltr. (7)
L. schlechteri E. Phillips & Hutch. (7)
Perennial. Shrub, dwarf shrub. Ht 0.3–2 m. Alt 1500–1900 m. WC
- nobile** I. Williams
Perennial. Shrub. Ht 2–4 m. Alt 700–1800 m. WC, EC
- olens** I. Williams
Perennial. Shrub. Ht 1–1.2 m. Alt 590–790 m. WC
- orientale** I. Williams
Perennial. Shrub. Ht 0.5–1.5 m. Alt 150–800 m. EC
- osbornei** Rourke
Perennial. Shrub. Ht 2–4 m. Alt 700–1500 m. WC
- ovale* R.Br. = **L. globosum**
- pearsonii* E. Phillips = **L. loranthifolium**
- phillipsii* Hutch. = **L. spissifolium** subsp. **phillipsii**
- pillansii* E. Phillips = **L. pubescens**
- platyspermum** R.Br.
Perennial. Shrub. Ht 1–1.3 m. Alt 100–250 m. WC
- plumosum* (Aiton) R.Br. = **L. rubrum**
- polygaloides* Link = **L. stellare**
- pondoense** A.E. van Wyk
Perennial. Tree, shrub. Ht 3–6 m. Alt 60–100 m. EC
- procerum** (Salisb. ex Knight) I. Williams
L. concinnum R.Br. (7)
Perennial. Shrub. Ht 2–3.5 m. Alt 60–800 m. WC
- proteoides* E. Phillips & Hutch. = **L. album**
- pseudospathulatum* E. Phillips & Hutch. = **L. loranthifolium**
- pubescens** R.Br.
L. elatum H. Buek ex Meisn. (7)
L. pillansii E. Phillips (7)
L. retusum R.Br. (7)
L. seriocephalum Schltr. (7)
Perennial. Shrub, dwarf shrub. Ht 0.6–2.6 m. Alt 60–1500 m. WC
- pubibracteolatum** I. Williams
Perennial. Shrub. Ht 1–1.3 m. Alt 400–900 m. WC,
EC
- radiatum** E. Phillips & Hutch.
Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 1300–1600
m. WC
- ramosissimum* H. Buek ex Meisn. = **L. conicum**
- remotum** I. Williams

Perennial. Shrub. Ht 1–1.7 m. Alt 700–850 m. WC

retusum R.Br. = **L. pubescens**

riparium Salter and var. *collinum* Salter = **L. spissifolium**
subsp. **spissifolium**

roodii E.Phillips

L. concinnum R.Br. var. *latifolium* Meisn. (7)

Perennial. Shrub. Ht 1–1.5 m. Alt 550–650 m. WC

rouркеi I.Williams

Perennial. Shrub. Ht 3–5 m. Alt 200–1400 m. WC

rubrum Burm.f.

L. plumosum (Aiton) R.Br. (7)

Perennial. Shrub. Ht 1–2.5 m. Alt 200–1200 m. WC

sabulosum Salter = **L. coniferum**

salicifolium (Salisb.) I.Williams

L. strictum R.Br. (7)

Perennial. Shrub. Ht 2–3 m. Alt 0–920 m. WC

salignum P.J.Bergius

L. adscendens R.Br. (7)

L. involucratum Meisn. (7)

Perennial. Lignotuberous shrub. Ht 0.5–2 m. Alt 20–1800 m. WC, EC

salignum R.Br. in part = **L. xanthoconus**

saxatile Salter = **L. strobilinum**

scabrum R.Br. = **L. spirale**

schinzianum Schltr. = **L. nitidum**

schlechteri E.Phillips & Hutch. = **L. nitidum**

sericeum (Thunb.) R.Br.

Perennial. Shrub. Ht 1–1.3 m. Alt 800–1000 m. WC

seriocephalum Schltr. = **L. pubescens**

sessile R.Br.

L. humifusum E.Phillips (7)

Perennial. Shrub. Ht 1–1.5 m. Alt 15–600 m. WC

sheilae I.Williams

Perennial. Shrub. Ht 1–1.3 m. Alt 650–800 m. WC

singulare I.Williams

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 1800–1950 m. WC

sorocephalodes E.Phillips & Hutch.

Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 900–1200 m. EC

spathulatum R.Br. = **L. arcuatum**

spirale (Salisb. ex Knight) I.Williams

L. scabrum R.Br. (7)

Perennial. Shrub. Ht 0.5–1 m. Alt 200–300 m. WC

spissifolium (Salisb. ex Knight) I.Williams subsp. **fragrans** I.Williams

Perennial. Lignotuberous shrub. Ht 0.5–1 m. Alt 580–980 m. WC

spissifolium (Salisb. ex Knight) I.Williams subsp. **natalense** (Thode & Gilg) I.Williams

L. natalense Thode & Gilg (7)

Perennial. Lignotuberous dwarf shrub. Ht 0.5–1 m. Alt 30–500 m. KZN, EC

spissifolium (Salisb. ex Knight) I.Williams subsp. **oribinum** I.Williams

Perennial. Lignotuberous dwarf shrub. Ht 0.5–1 m. Alt 300–400 m. KZN

spissifolium (Salisb. ex Knight) I.Williams subsp. **phillipsii** (Hutch.) I.Williams

L. gnidioides Gand. & Schinz (7)

L. phillipsii Hutch. (7)

Perennial. Lignotuberous dwarf shrub. Ht 0.5–1 m. Alt 50–500 m. WC, EC

spissifolium (Salisb. ex Knight) I.Williams subsp. **spissifolium**

L. glabrum R.Br. (7)

L. marginatum (Willd.) Link (7)

L. minus E.Phillips & Hutch. and var. *glabrescens* E.Phillips & Hutch. (7)

L. riparium Salter and var. *collinum* Salter (7)

Perennial. Shrub. Ht ?–1.5 m. Alt 0–1300 m. WC

splendens Burm.f. = **Liparia splendens** subsp. **splendens**

squarrosum R.Br. = **L. strobilinum**

stellare (Sims) Sweet

L. empetrifolium Gand. (7)

L. imbricatum R.Br. (7)

L. polygaloides Link (7)

Perennial. Lignotuberous shrub. Ht 1–2 m. Alt 30–150 m. WC

stelligerum I.Williams

Perennial. Shrub. Ht 1–1.3 m. Alt 30–100 m. WC

stokoei E.Phillips = **L. microcephalum**

strictum R.Br. = **L. salicifolium**

strobilinum (L.) Druce

L. concolor R.Br. (7)

L. saxatile Salter (7)

L. squarrosum R.Br. (7)

Perennial. Shrub. Ht 1–2.6 m. Alt 460–100 m. WC

teretifolium (Andrews) I.Williams

L. abietinum R.Br. (7)

Perennial. Shrub. Ht 1–1.2 m. Alt 0–1200 m. WC

thymifolium (Salisb. ex Knight) I.Williams

Perennial. Shrub. Ht 1–2 m. Alt 50–100 m. WC

tinctum I.Williams

L. humifusum (Meisn.) E.Phillips & Hutch. (7)

Perennial. Shrub. Ht 1–1.3 m. Alt 300–600 m. WC

tortum R.Br. = **L. linifolium**

tradouwense I.Williams

Perennial. Shrub. Ht 1–2 m. Alt 200–300 m. WC

truncatum (Thunb.) Meisn. = **L. cinereum**

uliginosum R.Br. subsp. **glabratum** I.Williams

Perennial. Shrub. Ht 1.2–4 m. Alt 400–1400 m. EC

uliginosum R.Br. subsp. **uliginosum**

Perennial. Shrub. Ht 2–3 m. Alt 450–1000 m. WC, EC

uniflorum E.Phillips = **L. ericifolium**

venosum R.Br. = **L. daphnoides**

verticillatum (Thunb.) Meisn.

L. cinereum R.Br. in part (7)

Perennial. Shrub. Ht 1–2 m. Alt 50–120 m. WC

welwitschii Hiern = **Protea welwitschii** subsp. **welwitschii**

xanthoconus (Kuntze) K.Schum.

L. salignum R.Br. in part (7)

Perennial. Shrub. Ht 1–2 m. Alt 20–600 m. WC

LEUCADENDRUM T.Post & Kuntze 2036010

gnaphaliifolium Salisb. ex Knight = **Leucospermum calligerum**

xeranthemifolium Salisb. ex Knight = **Leucospermum calligerum**

LEUCOSPERMUM R.Br. 2036000

- (1) Bolus. 1907. *Transactions of the South African Philosophical Society* 18: 399.
 (2) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 74.
 (3) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 95.
 (4) Phillips. 1928. *The Flowering Plants of South Africa* 8: t. 311.
 (5) Phillips. 1935. *The Flowering Plants of South Africa* 15: t. 572.
 (6) Phillips. 1937. *The Flowering Plants of South Africa* 17: tt. 667, 668.
 (7) Rycroft. 1962. *The Flowering Plants of Africa* 35: t. 1361.
 (8) Vogts. 1962. *The Flowering Plants of Africa* 35: t. 1380.
 (9) Rourke. 1971. *The Flowering Plants of Africa* 41: tt. 1633, 1634.
 (10) Rourke. 1972. *Journal of South African Botany*, Suppl. Vol. 8: 1–194.
 (11) Rourke. 1977. *The Flowering Plants of Africa* 44: t. 1723.
 (12) Rourke. 1979. *The Flowering Plants of Africa* 45: t. 1781.
 (13) Rourke. 1983. *Journal of South African Botany* 49: 213–219.
 (14) Rourke. 1994. *Bothalia* 24: 167–170.

album Bond = **L. bolusii**

alpinum (Salisb. ex Knight) Rourke = **Vexatorella alpina**

alpinum (Salisb. ex Knight) Rourke subsp. *alpinum* = **Vexatorella alpina**

alpinum (Salisb. ex Knight) Rourke subsp. *amoenum* Rourke = **Vexatorella amoena**

arenarium Rycroft

Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 120–150 m. WC

attenuatum R.Br. = **L. cuneiforme**

bolusii E.Phillips = **L. cordifolium**

bolusii Gand.

L. album Bond (11)

Perennial. Shrub. Ht 0.5–1.5 m. Alt up to 200 m. WC

buxifolium R.Br. = **L. truncatum**

calligerum (Salisb. ex Knight) Rourke

Leucadendrum gnaphaliifolium Salisb. ex Knight (10)

Leucadendrum xeranthemifolium Salisb. ex Knight (10)

L. puberum (L.) R.Br. (10)

Perennial. Shrub. Ht 1–2 m. Alt 150–1200 m. WC

candicans Andrews = **L. rodolentum**

cartilagineum (R.Br.) E.Phillips = **Vexatorella alpina**

catherinae Compton

Perennial. Shrub. Ht 1–3 m. Alt 600–1200 m. WC

cereris Compton = **L. spathulatum**

conocarpodendron (L.) H.Buek subsp. **conocarpodendron**

L. conocarpum (Thunb.) R.Br. (10)

Perennial. Tree, shrub. Ht 3–5 m. Alt 10–300 m. WC

conocarpodendron (L.) H.Buek subsp. **viridum** Rourke

Perennial. Tree, shrub. Ht 3–5 m. Alt 0–300 m. WC

conocarpum (Thunb.) R.Br. = **L. conocarpodendron** subsp. **conocarpodendron**

cordatum E.Phillips

Perennial. Dwarf shrub. Ht 0.15–0.25 m. Alt 15–80 m. WC

cordifolium (Salisb. ex Knight) Fourc.

L. bolusii E.Phillips (10)

L. mixtum E.Phillips (10)

L. nutans R.Br. (10)

Perennial. Shrub. Ht 1–1.5 m. Alt 30–460 m. WC

crinitum (Thunb.) R.Br. = **L. oleifolium**

cuneiforme (Burm.f.) Rourke

L. attenuatum R.Br. (10)

L. ellipticum (Thunb.) R.Br. (10)

Perennial. Lignotuberous shrub. Ht 1–3 m. Alt 0–1000 m. WC, EC

diffusum R.Br. = **L. saxatile**

ellipticum (Thunb.) R.Br. = **L. cuneiforme**

erubescens Rourke

Perennial. Shrub. Ht 1–2 m. Alt 450–600 m. WC

formosum (Andrews) Sweet

Perennial. Shrub. Ht 1–3 m. Alt 200–920 m. WC

fulgens Rourke

Perennial. Shrub. Ht 1–3 m. Alt 120–150 m. WC

gerrardii Stapf

Perennial. Lignotuberous dwarf shrub. Ht 0.2–0.4 m. Alt 450–1800 m. M, S, KZN

glabrum E.Phillips

Perennial. Shrub. Ht 1–2.5 m. Alt 150–460 m. WC

glomiflorum Salisb. ex Knight = **L. prostratum**

gracile (Salisb. ex Knight) Rourke

L. stenanthum Schltr. (10)

Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 90–920 m. WC

grandiflorum (Salisb.) R.Br.

Perennial. Shrub. Ht 1–2.5 m. Alt? WC

gueinzii Meisn.

Perennial. Shrub. Ht 2–3 m. Alt 300–900 m. WC

hamatum Rourke

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 600–750 m. WC

harpagonatum Rourke

Perennial. Dwarf shrub. Ht 0.1–0.15 m. Alt 750–800 m. WC

heterophyllum (Thunb.) Rourke

Perennial. Dwarf shrub. Ht 0.1–0.15 m. Alt 50–200 m. WC

hypophyllocarpodendron (L.) Druce subsp. **canaliculatum** (H.Buek ex Meisn.) Rourke

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 10–150 m. WC

hypophyllocarpodendron (L.) Druce subsp. **hypophyllocarpodendron**

L. hypophyllum (Thunb.) R.Br. (10)

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 0–300 m. WC

hypophyllum (Thunb.) R.Br. = **L. hypophyllocarpodendron** subsp. **hypophyllocarpodendron**

incisum E.Phillips = **L. vestitum**

innovans Rourke

Perennial. Lignotuberous shrub. Ht 0.5–1 m. Alt 300–500 m. KZN, EC

lineare R.Br.

Perennial. Shrub. Ht 1–2 m. Alt 300–900 m. WC

mixtum E.Phillips = **L. cordifolium**

muirii E.Phillips

Perennial. Shrub. Ht 1–1.5 m. Alt 30–300 m. WC

mundii Meisn.

Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 300–1000 m. WC

nutans R.Br. = **L. cordifolium**

obtusatum (Thunb.) E.Phillips subsp. *albomontanum*
Rourke = **Vexatorella obtusata** subsp. **albomontana**

obtusatum (Thunb.) E.Phillips subsp. *obtusatum* =
Vexatorella obtusata subsp. **obtusata**

oleifolium (P.J.Bergius) R.Br.

L. crinitum (Thunb.) R.Br. (10)

Perennial. Shrub. Ht 0.5–1 m. Alt 0–920 m. WC

parile (Salisb. ex Knight) Sweet

Perennial. Shrub. Ht 1–1.5 m. Alt 30–150 m. WC

pateronii E.Phillips

Perennial. Tree, shrub. Ht 2–4 m. Alt 50–250 m. WC

pedunculatum Klotzsch

Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 0–200 m.
WC

pluridens Rourke

Perennial. Shrub. Ht 2–3 m. Alt 450–1000 m. WC

praecox Rourke

Perennial. Shrub. Ht 2–3 m. Alt 100–250 m. WC

praemorsum (Meisn.) E.Phillips

Perennial. Tree, shrub. Ht 1–5 m. Alt 30–760 m. NC,
WC

profugum Rourke

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 360–760 m.
WC

prostratum (Thunb.) Stapf

L. glomiflorum Salisb. ex Knight (10)

Perennial. Dwarf shrub. Ht 0.1–0.15 m. Alt 10–200 m.
WC

puberum (L.) R.Br. = **L. calligerum**

reflexum H.Buek ex Meisn. var. **luteum** Rourke

Perennial. Shrub. Ht 2–4 m. Alt 900–1800 m. WC

reflexum H.Buek ex Meisn. var. **reflexum**

Perennial. Shrub. Ht 2–4 m. Alt 900–1800 m. WC

rodolentum (Salisb. ex Knight) Rourke

L. candicans Andrews (10)

Perennial. Shrub. Ht 1–3 m. Alt 10–300 m. WC

royenifolium (Salisb. ex Knight) Stapf

Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 600–1200
m. WC, EC

saxatile (Salisb. ex Knight) Rourke

L. diffusum R.Br. (10)

Perennial. Dwarf shrub. Ht 0.5–0.7 m. Alt 450–600 m.
WC

saxosum S.Moore

Perennial. Lignotuberous shrub. Ht 1–3 m. Alt 1200–
2000 m. M, L

secundifolium Rourke

Perennial. Dwarf shrub. Ht 0.05–0.1 m. Alt 1200–
1500 m. WC

spathulatum R.Br.

L. cereris Compton (10)

Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 1300–1700
m. WC

steananthum Schltr. = **L. gracile**

tomentosum (Thunb.) R.Br.

Perennial. Lignotuberous dwarf shrub. Ht 0.5–1 m. Alt
10–100 m. WC

tottum (L.) R.Br.

L. tottum (L.) R.Br. var. *glabrum* E.Phillips (10)

Perennial. Shrub. Ht 1–2 m. Alt 300–1800 m. WC

tottum (L.) R.Br. var. *glabrum* E.Phillips = **L. tottum**

truncatulum (Salisb. ex Knight) Rourke

L. buxifolium R.Br. (10)

Perennial. Shrub. Ht 1–2 m. Alt 0–370 m. WC

truncatum (H.Buek ex Meisn.) Rourke

Perennial. Shrub. Ht 1–2.5 m. Alt 0–250 m. WC

utriculosum Rourke

Perennial. Shrub. Ht 1–2 m. Alt 60–600 m. WC

vestitum (Lam.) Rourke

L. incisum E.Phillips (10)

Perennial. Shrub. Ht 1–2.5 m. Alt 60–1200 m. WC

winteri Rourke

Perennial. Shrub. Ht 1–1.3 m. Alt 1100–1300 m. WC

wittebergense Compton

Perennial. Shrub, dwarf shrub. Ht 0.5–1.5 m. Alt 760–
1830 m. WC

zwartbergense Bolus = **Leucadendron dregii**

***MACADAMIA** F.Muell. 2054000

(1) Gross. 1995. In *Flora of Australia* 16,1: 419–425.

integrifolia Maiden & Betche

Perennial. Tree. Ht 6–18 m. Alt 50–300 m. M, KZN

MIMETES Salisb.

2031000

(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 36.

(2) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 58.

(3) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 82.

(4) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 128.

(5) Phillips. 1943. *The Flowering Plants of South Africa* 23: t. 916.

(6) Rourke & Lincoln. 1982. *Mimetes, an illustrated account of Mimetes*
Salisb. and Orothamnus Pappé: 1–143.

(7) Rourke. 1988. *South African Journal of Botany* 54: 636–639.

arboreus Rourke

Perennial. Tree, shrub. Ht 2–6 m. Alt 450–1200 m.
WC

argenteus Salisb. ex Knight

M. nitens (Thunb.) Roem. & Schult. (7)

Perennial. Shrub. Ht 1.5–3.5 m. Alt 350–1400 m. WC

capitulatus (L.) R.Br.

Perennial. Shrub. Ht 1–2 m. Alt 600–1200 m. WC

chrysanthus Rourke

Perennial. Shrub. Ht 0.8–1.2 m. Alt ?–1021 m. WC

cucullatus (L.) R.Br.

M. lyrigera Salisb. ex Knight (7)

Perennial. Lignotuberous shrub. Ht 1–2 m. Alt 0–1200
m. WC, EC

cucullatus (L.) R.Br. var. *hartogii* (R.Br.) E.Phillips =

M. fimbriifolius

fimbriifolius Salisb. ex Knight

M. cucullatus (L.) R.Br. var. *hartogii* (R.Br.) E.Phillips (7)

M. hartogii R.Br. (7)

Perennial. Tree. Ht 2.5–5 m. Alt 0–400 m. WC

hartogii R.Br. = **M. fimbriifolius**

hirtus (L.) Salisb. ex Knight

Perennial. Shrub. Ht 1–2.5 m. Alt 10–400 m. WC

hottentoticus E.Phillips & Hutch.

Perennial. Shrub. Ht 1.5–2 m. Alt 1000–1260 m. WC

integrus Hutch. = **M. splendidus**

lyrigera Salisb. ex Knight, = **M. cucullatus nitens** (Thunb.) Roem. & Schult. = **M. argenteus palustris** Salisb. ex Knight
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 600–900 m. WC

pauciflorus R.Br.
Perennial. Shrub. Ht 2–4 m. Alt 450–1400 m. WC, EC
purpureus (L.) R.Br. = **Diastella proteoides**

saxatilis E. Phillips
Perennial. Shrub. Ht 0.91–2.43 m. Alt 10–305 m. WC

splendidus Salisb. ex Knight
M. integrus Hutch. (7)
Perennial. Shrub. Ht 1.5–2.5 m. Alt 600–1200 m. WC

stokoei E. Phillips & Hutch.
Perennial. Shrub. Ht 1–2 m. Alt 560–600 m. WC

NIVENIA R.Br. 2029010

capitata R.Br. = **Paranomus capitatus**
crithmifolia R.Br., not *Paranomus crithmifolius* Salisb. ex Knight = **Paranomus bolusii**

diversifolia (Roem. & Schult.) E. Phillips & Hutch. = **Paranomus longicaulis**

dregei H. Buek ex Meisn. = **Paranomus dregei**

lagopus (Thunb.) R.Br. = **Paranomus lagopus**

marginata R.Br. = **Paranomus spathulatus**

micrantha Schltr. = **Paranomus abrotanifolius**

mollissima R.Br. = **Paranomus candicans**

muirii E. Phillips & Hutch. = **Paranomus spathulatus**

parvifolia R.Br. = **Paranomus adiantifolius**

reflexa E. Phillips & Hutch. = **Paranomus reflexus**

sceptrum R.Br. = **Paranomus sceptrum-gustavianus**

spathulata R.Br. = **Paranomus spathulatus**

spicata R.Br. = **Paranomus spicatus**

tomentosa E. Phillips & Hutch. = **Paranomus tomentosus**

OROTHAMNUS Pappe ex Hook. 2031010

- (1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 38.
- (2) Rourke & Lincoln. 1982. *Mimetes, an illustrated account of Mimetes Salisb. and Orothamnus Pappe*: 149–170.

zeyheri Pappe ex Hook.f.
Perennial. Shrub. Ht 1–3 m. Alt 450–850 m. WC

PARANOMUS Salisb. 2029000

- (1) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 202.
- (2) Fourcade. 1932. *Transactions of the Royal Society of South Africa* 21: 97.
- (3) Levyns. 1968. *Journal of South African Botany* 34: 355–361.
- (4) Killick. 1969. *The Flowering Plants of Africa* 39: t. 1551.
- (5) Levyns. 1970. *Contributions from the Bolus Herbarium* 2: 3–46.
- (6) Rourke. 1976. *The Flowering Plants of Africa* 43: t. 1703.
- (7) Rourke. 1992. *Bothalia* 22: 43.
- (8) Rourke. Personal communication.

abrotanifolius Salisb. ex Knight
Nivenia micrantha Schltr. (5)
P. micranthus (Schltr.) Compton (5)
Perennial. Shrub. Ht 0.5–1 m. Alt 140–200 m. WC

adiantifolius Salisb. ex Knight
Nivenia parvifolia R.Br. (5)
P. spathulatus N.E.Br. (5)
Perennial. Shrub. Ht 1–1.7 m. Alt 460–460 m. WC

bolusii (Gand.) Levyns
Nivenia crithmifolia R.Br., not *Paranomus crithmifolius* Salisb. ex Knight (5)

Perennial. Shrub. Ht 0.5–1 m. Alt 100–500 m. WC

bracteolaris Salisb. ex Knight
P. medius (R.Br.) Kuntze (5)
Perennial. Shrub. Ht 0.6–3 m. Alt 280–1250 m. WC

candicans (Thunb.) Kuntze
Nivenia mollissima R.Br. (5)
Perennial. Shrub. Ht 0.7–2 m. Alt 460–1200 m. WC

capitatus (R.Br.) Kuntze
Nivenia capitata R.Br. (5)
Serruria brevifolia E. Phillips & Hutch. (8)
Perennial. Shrub. Ht 0.7–1.3 m. Alt 600–700 m. WC

centaureoides Levyns
Perennial. Shrub. Ht 1–1.4 m. Alt 1000–1800 m. WC

concaucus (Lam.) Kuntze = **Diastella thymelaeoides** subsp. **thymelaeoides**

crithmifolius Salisb. ex Knight = **P. spicatus**

dispersus Levyns
Perennial. Shrub. Ht 0.8–1.4 m. Alt 300–950 m. WC

diversifolius E. Phillips = **P. longicaulis**

dregei (H. Buek ex Meisn.) Kuntze
Nivenia dregei H. Buek ex Meisn. (5)
Perennial. Shrub. Ht 0.8–1.7 m. Alt 900–1400 m. WC, EC

esterhuyseniae Levyns
Perennial. Shrub, dwarf shrub. Ht 0.6–0.8 m. Alt 900–1350 m. WC, EC

flabellifer Salisb. ex Knight = **P. spathulatus**

lagopus (Thunb.) Salisb.
Nivenia lagopus (Thunb.) R.Br. (5)
Perennial. Shrub. Ht 0.6–1.3 m. Alt 200–1100 m. WC

longicaulis Salisb. ex Knight
Nivenia diversifolia (Roem. & Schult.) E. Phillips & Hutch. (5)
P. diversifolius E. Phillips (9)
Sorocephalus diversifolius (Roem. & Schult.) R.Br. (5)
Perennial. Shrub. Ht 0.4–2 m. Alt 400–915 m. WC

medius (R.Br.) Kuntze = **P. bracteolaris**

micranthus (Schltr.) Compton = **P. abrotanifolius**

reflexus (E. Phillips & Hutch.) Fourc.
Nivenia reflexa E. Phillips & Hutch. (2)
Perennial. Shrub. Ht 0.8–1.5 m. Alt 45–550 m. EC

roodebergensis (Compton) Levyns
Perennial. Shrub. Ht 1–2.3 m. Alt 600–1300 m. WC

sceptrum-gustavianus (Sparrm.) Hyl.
Nivenia sceptrum R.Br. (5)
Perennial. Shrub. Ht 1–1.8 m. Alt 150–500 m. WC

spathulatus (Thunb.) Kuntze
Nivenia marginata R.Br. (5)
Nivenia muirii E. Phillips & Hutch. (5)
Nivenia spathulata R.Br. (5)
P. flabellifer Salisb. ex Knight (5)
Perennial. Shrub. Ht 0.7–2.3 m. Alt 300–500 m. WC

spathulatus N.E.Br. = **P. adiantifolius**

spicatus (P.J. Bergius) Kuntze
Nivenia spicata R.Br. (5)
P. crithmifolius Salisb. ex Knight (5)
Perennial. Shrub. Ht 0.5–1 m. Alt 0–300 m. WC

tomentosus (E. Phillips & Hutch.) N.E.Br.
Nivenia tomentosa E. Phillips & Hutch. (5)
Perennial. Shrub. Ht 1–3 m. Alt 1200–1500 m. WC

PROTEA L.

2035000

- (1) Engler. 1892. *Ueber die Hochgebirgsflora des tropischen Afrika*: 1–461.
 (2) Engler. 1902. *Botanische Jahrbücher* 30: 292–300.
 (3) Engler. 1902. *Botanische Jahrbücher* 32: 128–131.
 (4) Engler & Gilg. 1903. *Kunene-Sambesi Expedition*: 226–321.
 (5) Baker. 1910. *FTA* 6: 194–207.
 (6) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 22.
 (7) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 76.
 (8) Phillips. 1923. *The Flowering Plants of South Africa* 3: tt. 84, 100, 108.
 (9) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 133.
 (10) Phillips. 1925. *The Flowering Plants of South Africa* 5: tt. 177, 185, 192.
 (11) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 231.
 (12) Phillips. 1937. *The Flowering Plants of South Africa* 17: t. 654.
 (13) Dyer. 1943. *The Flowering Plants of South Africa* 23: t. 920.
 (14) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 921.
 (15) Phillips. 1944. *The Flowering Plants of South Africa* 24: t. 936.
 (16) Dyer. 1950. *The Flowering Plants of Africa* 28: tt. 1086, 1097.
 (17) Archibald & Smit. 1951. *The Flowering Plants of Africa* 28: t. 1115.
 (18) Dyer. 1951. *The Flowering Plants of Africa* 28: t. 1097.
 (19) Dyer. 1953. *The Flowering Plants of Africa* 29: t. 1147.
 (20) Rycroft. 1954. *The Flowering Plants of Africa* 30: t. 1170.
 (21) Beard. 1958. *The Flowering Plants of Africa* 32: t. 1280.
 (22) Beard. 1958. *Bothalia* 7: 41–65.
 (23) Beard. 1959. *The Flowering Plants of Africa* 33: t. 1299.
 (24) Rycroft. 1959. *The Flowering Plants of Africa* 33: t. 1283.
 (25) Vogts. 1962. *The Flowering Plants of Africa* 35: t. 1386.
 (26) Beard. 1963. *Kirkia* 3: 138–206.
 (27) Vogts. 1963. *The Flowering Plants of Africa* 36: t. 1406.
 (28) Vogts. 1966. *The Flowering Plants of Africa* 37: t. 1462.
 (29) Jessop. 1967. *The Flowering Plants of Africa* 38: t. 1509.
 (30) Killick. 1967. *The Flowering Plants of Africa* 38: t. 1506.
 (31) Rycroft. 1967. *The Flowering Plants of Africa* 38: tt. 1495, 1496.
 (32) Rycroft. 1969. *The Flowering Plants of Africa* 39: t. 1547.
 (33) Killick. 1971. *The Flowering Plants of Africa* 41: t. 1630.
 (34) Rourke. 1973. *The Flowering Plants of Africa* 42: t. 1677.
 (35) Davidson. 1975. *Journal of South African Botany*: 41: 207–210.
 (36) Rourke. 1976. *The Flowering Plants of Africa* 43: t. 1704.
 (37) Rourke. 1977. *Flowering Plants of Africa* 44: tt. 1721, 1722.
 (38) Rourke. 1980. *Proteas of southern Africa*: 1–236.
 (39) Beard. 1983. *The Flowering Plants of Africa* 47: t. 1879.
 (40) Chisumpa & Brummitt. 1987. *Kew Bulletin*: 42.
 (41) Rourke. 1990. *South African Journal of Botany* 56: 261–265.
 (42) Lebrun & Stork. 1991. *Enumération des plantes à fleurs d'Afrique tropicale* 1: 119, 120.
 (43) Beard. 1993. *Proteas of tropical Africa*: 1–112.

abyssinica Willd. = **P. gagedii***acaulis* (L.) Reichard var. *cockscombensis* Archibald = **P. tenax***acaulis* Thunb. = **P. acaulos****acaulos** (L.) Reichard*P. acaulis* Thunb. (38)
P. glaucophylla Salisb. (38)Perennial. Dwarf rhizomatous shrub. Ht 0.07–0.3 m.
Alt 0–1800 m. WC*acerosa* R.Br. = **P. subulifolia****acuminata** Sims*P. cedromontana* Schltr. (38)

Perennial. Shrub. Ht 1–2 m. Alt 300–1000 m. WC

amplexicaulis (Salisb.) R.Br.

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 200–1600 m. WC

angustata R.Br.

Perennial. Dwarf shrub. Ht 0.15–0.35 m. Alt 0–200 m. WC

arborea Hoult. = **P. nitida****aristata** E.Phillips

Perennial. Shrub. Ht 1–2.5 m. Alt 750–2000 m. WC

aspera E.Phillips

Perennial. Dwarf shrub. Ht 0.15–0.2 m. Alt 0–200 m. WC

aurea (Burm.f.) Rourke subsp. **aurea***P. longiflora* Lam. (38)*P. longiflora* Lam. var. *ovalis* E.Phillips (38)

Perennial. Tree, shrub. Ht 2–4 m. Alt 150–800 m. WC

aurea (Burm.f.) Rourke subsp. **potbergensis** Rourke

Perennial. Shrub. Ht 2–4 m. Alt 400–500 m. WC

barbigera Meisn. = **P. magnifica***bolusii* E.Phillips = **P. caffra** subsp. **caffra****burchellii** Stapf*P. pulchella* Andrews, not of Schrad. & J.C.Wendl. (38)*P. pulchella* Andrews var. *undulata* E.Phillips (38)*P. pulchra* Rycroft (38)*P. subpulchella* Stapf (38)

Perennial. Shrub. Ht 1–2 m. Alt 100–800 m. WC

caespitosa Andrews*P. oleracea* Guthrie (38)*P. turbiniflora* (Salisb.) R.Br. (38)

Perennial. Dwarf shrub. Ht 0.2–0.7 m. Alt 1000–1800 m. WC

caffra Meisn. subsp. **caffra***P. bolusii* E.Phillips (38)*P. multibracteata* E.Phillips (38)*P. rhodantha* Hook.f. (38)

Perennial. Tree, shrub. Ht 3–8 m. Alt 0–2300 m. M, S, FS, KZN, L, EC

calocephala Meisn. = **P. obtusifolia****canaliculata** Andrews*P. harmeri* E.Phillips (38)

Perennial. Shrub. Ht 1–1.3 m. Alt 800–1500 m. WC

cedromontana Schltr. = **P. acuminata***chrysolepis* Engl. & Gilg = **P. gagedii***comigera* Stapf = **P. laurifolia****compacta** R.Br.*P. triandra* Schltr. (38)

Perennial. Shrub. Ht 2–3.5 m. Alt 0–100 m. WC

comptonii Beard

Perennial. Tree. Ht 4–8 m. Alt 1200–1600 m. M, KZN

convexa E.Phillips

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 1100–1500 m. WC

cordata Thunb.

Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 1100–1500 m. WC

coronata Lam.*P. incompta* R.Br. (38)*P. incompta* R.Br. var. *susannae* E.Phillips (38)*P. macrocephala* Thunb. (38)

Perennial. Shrub. Ht 2–3 m. Alt 200–800 m. WC

cryophila Bolus

Perennial. Shrub, dwarf shrub. Ht 0.4–0.6 m. Alt 1700–1900 m. WC

curvata N.E.Br.

Perennial. Tree. Ht 4–8 m. Alt 800–850 m. M

cynaroides (L.) L.

Perennial. Lignotuberous shrub. Ht 0.3–2 m. Alt 50–1000 m. WC, EC

decurrens E.Phillips

Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt 100–700 m. WC

denticulata Rourke

Perennial. Shrub. Ht 0.3–1 m. Alt 120–300 m. WC

doddii E. Phillips = **P. simplex**

dracomontana Beard

Perennial. Lignotuberous shrub, dwarf shrub. Ht 0.5–1 m. Alt 1600–2200 m. KZN

dykei E. Phillips = **P. rupicola**

echinulata Meisn. = **P. restionifolia**

echinulata Meisn. var. *minor* E. Phillips = **P. restionifolia**

effusa E. Mey. ex Meisn.

P. marlothii E. Phillips (38)

Perennial. Shrub, dwarf shrub. Ht 0.2–1.5 m. Alt 1200–1800 m. WC

eximia (Salisb. ex Knight) Fourc.

P. latifolia R.Br. (38)

P. latifolia R.Br. var. *auriculata* (Tausch) Kuntze (38)

Perennial. Tree, shrub. Ht 2–5 m. Alt 200–1700 m. WC, EC

flanaganii E. Phillips = **P. simplex**

foliosa Rourke

P. tenax (Salisb.) R.Br. var. *latifolia* Meisn. (38)

Perennial. Lignotuberous shrub. Ht 0.7–1.5 m. Alt 150–600 m. EC

fulva Tausch = **P. lepidocarpodendron**

gagedi J.F.Gmel.

P. abyssinica Willd. (38)

P. chrysolepis Engl. & Gilg (38)

P. trigona E. Phillips (38)

Perennial. Tree, lignotuberous shrub. Ht 2–3 m. Alt 600–1400 m. N, M, S, KZN

gagedi J.F.Gmel. subsp. *laetans* (L.E. Davidson) Beard = **P. laetans**

glabra Thunb.

Perennial. Tree, lignotuberous shrub. Ht 2–5 m. Alt 100–1200 m. WC

glaucophylla Salisb. = **P. acaulos**

grandiceps Tratt.

Perennial. Shrub. Ht 1.3–2 m. Alt 700–1700 m. WC

grandiflora Thunb. = **P. nitida**

harmeri E. Phillips = **P. canaliculata**

hirta Klotzsch, not of L. = **P. welwitschii** subsp. **welwitschii**

hirta Klotzsch, not of L. subsp. *glabrescens* Beard = **P. welwitschii** subsp. **welwitschii**

holosericea (Salisb. ex Knight) Rourke

P. patens R.Br. (38)

Perennial. Shrub. Ht 0.7–1.2 m. Alt 1100–1300 m. WC

humiflora Andrews

Perennial. Shrub. Ht 0.7–1 m. Alt 450–1200 m. WC

ignota E. Phillips = **P. longifolia**

incana Hort. ex Meisn. = **P. roupelliae** subsp. **roupelliae**

incompta R.Br. = **P. coronata**

incompta R.Br. var. *susannae* E. Phillips = **P. coronata**

inopina Rourke

Perennial. Lignotuberous shrub, dwarf shrub. Ht 0.5–1 m. Alt 600–650 m. WC

intonsa Rourke

Perennial. Lignotuberous dwarf shrub. Ht 0.2–0.3 m. Alt 900–1600 m. WC

lacticolor Salisb.

Perennial. Tree, shrub. Ht 2–6 m. Alt 600–1500 m. WC

lacticolor Salisb. var. *angustata* E. Phillips = **P. subvestita**

lacticolor Salisb. var. *orientalis* (Sim) E. Phillips = **P. subvestita**

laetans L.E. Davidson

P. gagedi J.F.Gmel. subsp. *laetans* (L.E. Davidson) Beard (43)

Perennial. Tree. Ht 2–5 m. Alt 1000–1400 m. M

laevis R.Br.

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 1000–1800 m. WC

lanceolata E. Mey. ex Meisn.

Perennial. Shrub. Ht 2–4 m. Alt 0–200 m. WC

latifolia R.Br. = **P. eximia**

latifolia R.Br. var. *auriculata* (Tausch) Kuntze = **P. eximia**

laurifolia Thunb.

P. comigera Stapf (38)

P. marginata Thunb. (38)

Perennial. Tree, shrub. Ht 2.5–8 m. Alt 400–1400 m. WC

lepidocarpodendron (L.) L.

P. fulva Tausch (38)

P. lepidocarpodendron (L.) L. var. *villosa* E. Phillips (38)

Perennial. Shrub. Ht 1.5–3 m. Alt 0–600 m. WC

lepidocarpodendron (L.) L. var. *villosa* E. Phillips = **P. lepidocarpodendron**

ligulaefolia (Salisb. ex Knight) Sweet = **P. longifolia**

longiflora Lam. = **P. aurea** subsp. **aurea**

longiflora Lam. var. *ovalis* E. Phillips = **P. aurea** subsp. **aurea**

longifolia Andrews

P. ignota E. Phillips (38)

P. ligulaefolia (Salisb. ex Knight) Sweet (38)

P. minor (E. Phillips) Compton (38)

P. umbonalis (Salisb. ex Knight) Sweet (38)

Perennial. Shrub. Ht 0.5–1.5 m. Alt 0–1000 m. WC

lorea R.Br.

Perennial. Shrub, dwarf rhizomatous shrub. Ht 0.5–0.7 m. Alt 450–650 m. WC

lorifolia (Salisb. ex Knight) Fourc.

P. macrophylla R.Br. (38)

Perennial. Tree, shrub. Ht 1.5–3.5 m. Alt 400–1400 m. WC, EC

macrocephala Thunb. = **P. coronata**

macrophylla R.Br. = **P. lorifolia**

magnifica Link

P. barbigeri Meisn. (38)

Perennial. Shrub, dwarf shrub. Ht 0.5–3 m. Alt 600–2700 m. WC

marginata Thunb. = **P. laurifolia**

marlothii E. Phillips = **P. effusa**

mellifera Thunb. = **P. repens**

mellifera Thunb. var. *albiflora* Andrews = **P. repens**

minor (E. Phillips) Compton = **P. longifolia**

montana E. Mey. ex Meisn.

Perennial. Dwarf shrub. Ht 0.2–3 m. Alt 1600–2000 m. WC

mucronifolia Salisb.

Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 60–100 m. WC

multibracteata E.Phillips = **P. caffra** subsp. **caffra****mundii** Klotzsch

Perennial. Tree, shrub. Ht 3–8 m. Alt 100–1300 m. WC, EC

namaquana Rourke

Perennial. Shrub. Ht 1–2 m. Alt 1200–1600 m. WC

nana (P.J.Bergius) Thunb.

P. rosacea L. (38)

Perennial. Shrub. Ht 0.7–1.5 m. Alt 400–900 m. WC

neriifolia R.Br.

Perennial. Shrub. Ht 1.5–3 m. Alt 30–1300 m. WC, EC

nitida Mill.

P. arborea Houtt. (38)

P. grandiflora Thunb. (38)

Perennial. Tree. Ht 2–10 m. Alt 0–1200 m. WC, EC

nubigena Rourke

Perennial. Shrub, dwarf shrub. Ht 0.5–0.7 m. Alt 2250–2300 m. KZN

obtusifolia H.Buek ex Meisn.

P. calocephala Meisn. (38)

Perennial. Tree, shrub. Ht 2–4 m. Alt 0–500 m. WC

odorata Thunb.

Perennial. Shrub. Ht 0.7–1.2 m. Alt 120–150 m. WC

oleracea Guthrie = **P. caespitosa****parvula** Beard

Perennial. Lignotuberous dwarf shrub. Ht 0.08–0.2 m. Alt 1300–2200 m. M, S

patens R.Br. = **P. holosericea****pendula** R.Br.

Perennial. Shrub. Ht 1–3 m. Alt 900–2000 m. WC

piscina Rourke

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 400–1200 m. WC

pityphylla E.Phillips

Perennial. Shrub, dwarf shrub. Ht 0.6–1 m. Alt 500–1500 m. WC

pruinosa Rourke

Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt 1800–2150 m. WC

pudens Rourke

Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 30–40 m. WC

pulchella Andrews, not of Schrad. & J.C.Wendl. = **P. burchellii****pulchella** Andrews var. **undulata** E.Phillips = **P. burchellii****pulchra** Rycroft = **P. burchellii****punctata** Meisn.

Perennial. Tree, shrub. Ht 2–4 m. Alt 1200–2000 m. WC, EC

recondita H.Buek ex Meisn.

Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 1000–2000 m. WC

repens (L.) L.

P. mellifera Thunb. (38)

P. mellifera Thunb. var. *albiflora* Andrews (38)

Perennial. Tree, shrub. Ht 0.7–4.5 m. Alt 0–1400 m. WC, EC

restionifolia (Salisb. ex Knight) Rycroft

P. echinulata Meisn. (38)

P. echinulata Meisn. var. *minor* E.Phillips (38)

Perennial. Dwarf rhizomatous shrub. Ht 0.2–0.3 m. Alt 120–300 m. WC

revoluta R.Br.

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 850–1600 m. WC

rhodantha Hook.f. = **P. caffra** subsp. **caffra****rosacea** L. = **P. nana****roupelliae** Meisn. subsp. **hamiltonii** Beard ex Rourke

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 1300–1400 m. M

roupelliae Meisn. subsp. **roupelliae**

P. incana Hort. ex Meisn. (38)

Perennial. Tree. Ht 3–8 m. Alt 1000–2400 m. M, S, FS, KZN, L, EC

rubropilosa Beard

Perennial. Tree, shrub. Ht 1–5 m. Alt 1400–2300 m. M

rupicola Mund ex Meisn.

P. dykei E.Phillips (38)

Perennial. Shrub, dwarf shrub. Ht 0.5–2 m. Alt 1300–2000 m. WC, EC

scabra R.Br.

P. tenuifolia R.Br. (38)

Perennial. Dwarf rhizomatous shrub. Ht 0.3–0.6 m. Alt 50–900 m. WC

scabriuscula E.Phillips

Perennial. Dwarf shrub. Ht 0.5–0.7 m. Alt 1100–2100 m. WC

scolopendriifolia (Salisb. ex Knight) Rourke

P. scolopodendrium R.Br. (38)

Perennial. Shrub, dwarf rhizomatous shrub. Ht 0.5–1 m. Alt 450–2000 m. WC

scolopodendrium R.Br. = **P. scolopendriifolia****scolymocephala** (L.) Reichard

Perennial. Shrub, dwarf shrub. Ht 0.5–1.5 m. Alt 5–100 m. WC

scorzonerifolia (Salisb. ex Knight) Rycroft

Perennial. Dwarf rhizomatous shrub. Ht 0.2–0.3 m. Alt 150–450 m. WC

simplex E.Phillips

P. doddii E.Phillips (38)

P. flanagani E.Phillips (38)

P. transvaalensis E.Phillips (38)

Perennial. Lignotuberous shrub, dwarf shrub. Ht 0.3–1 m. Alt 0–2000 m. M, S, KZN, L, EC

speciosa (L.) L.

P. speciosa (L.) L. var. *angustata* Meisn. (38)

Perennial. Lignotuberous shrub, dwarf shrub. Ht 0.5–1.2 m. Alt 0–1300 m. WC

speciosa (L.) L. var. **angustata** Meisn. = **P. speciosa****stokoei** E.Phillips

Perennial. Shrub. Ht 0.7–2 m. Alt 900–1200 m. WC

subpulchella Stapf = **P. burchellii****subulifolia** (Salisb. ex Knight) Rourke

P. acerosa R.Br. (38)

Perennial. Shrub, dwarf shrub. Ht 0.3–0.7 m. Alt 60–1300 m. WC

subvestita N.E.Br.

P. lacticolor Salisb. var. *angustata* E.Phillips (38)
P. lacticolor Salisb. var. *orientalis* (Sim) E.Phillips (38)
 Perennial. Shrub. Ht 2–5 m. Alt 1200–2400 m. M, FS,
 KZN, L, WC, EC

sulphurea E.Phillips

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 1000–1550
 m. WC

susannae E.Phillips

Perennial. Shrub. Ht 2–3 m. Alt 50–200 m. WC

tenax (Salisb.) R.Br.

P. acaulis (L.) Reichard var. *cockscombensis* Archibald (38)
 Perennial. Lignotuberous dwarf shrub. Ht 0.5–0.9 m.
 Alt 1200–1800 m. WC, EC

tenax (Salisb.) R.Br. var. *latifolia* Meisn. = **P. foliosa**

tenuifolia R.Br. = **P. scabra**

transvaalensis E.Phillips = **P. simplex**

triandra Schltr. = **P. compacta**

trigona E.Phillips = **P. gagedi**

turbiniiflora (Salisb.) R.Br. = **P. caespitosa**

umbonalis (Salisb. ex Knight) Sweet = **P. longifolia**

venusta Compton

Perennial. Dwarf shrub. Ht 0.5–0.7 m. Alt 1700–2000
 m. WC

vogtsiae Rourke

Perennial. Dwarf rhizomatous shrub. Ht 0.2–0.3 m.
 Alt 1000–1500 m. WC

welwitschii Engl. subsp. *glabrescens* (Beard) Beard = **P. welwitschii** subsp. **welwitschii**

welwitschii Engl. subsp. *hirta* Beard = **P. welwitschii** subsp. **welwitschii**

welwitschii Engl. subsp. **welwitschii**

Leucadendron welwitschii Hiern (26)
P. hirta Klotzsch, not of L. (38)
P. hirta Klotzsch, not of L. subsp. *glabrescens* Beard (43)
P. welwitschii Engl. subsp. *glabrescens* (Beard) Beard (38)
P. welwitschii Engl. subsp. *hirta* Beard (38)

Perennial. Lignotuberous shrub, dwarf shrub. Ht 0.5–4
 m. Alt 300–2000 m. G, KZN, L

witzenbergiana E.Phillips

Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 700–1800
 m. WC

SERRURIA Salisb.

2030000

- (1) Schlechter. 1899. *Botanische Jahrbücher* 27: 108.
- (2) Phillips & Hutchinson. 1912. *FC* 5: 654–685.
- (3) Phillips. 1933. *The Flowering Plants of South Africa* 13: tt. 481, 482.
- (4) Phillips. 1941. *The Flowering Plants of South Africa* 21: t. 816.
- (5) Rourke. 1982. *Journal of South African Botany* 48: 285–293.
- (6) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 375–377.
- (7) Rourke. 1990. *South African Journal of Botany* 56: 497–505.
- (8) Rourke. 1991. *The Flowering Plants of Africa* 51: t. 2032.
- (9) Rourke. 1994. *Bothalia* 24: 1–7.
- (10) Rourke & Ward-Hilhorst. 1995. *Flowering Plants of Africa* 54: t. 2110.
- (11) Rourke. 1996. *Bothalia* 26: 154–157.
- (12) Rourke. 1999. *Bothalia* 29: 263–266.
- (13) Rourke. Personal communication.

acrocarpa R.Br.

Perennial. Shrub. Ht 1–1.5 m. Alt 200–1200 m. WC

adscendens (Lam.) R.Br.

Perennial. Shrub. Ht 0.3–1 m. Alt 6–250 m. WC

adscendens (Lam.) R.Br. var. *decipiens* (R.Br.) Hutch. = **S. decipiens**

aemula Salisb. ex Knight

S. ciliata R.Br. var. *ciliata* (6)
S. ciliata R.Br. var. *congesta* (R.Br.) Hutch. (13)
S. foeniculacea R.Br. (12)

Perennial. Dwarf shrub. Ht 0.2–0.7 m. Alt 20–60 m.
 WC

aemula Salisb. ex Knight var. *heterophylla* (Meisn.) Hutch. = **S. heterophylla**

aitonii R.Br.

S. argentifolia E.Phillips & Hutch. (6)
 Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 270–1400 m.
 WC

altiscapa Rourke

Perennial. Shrub. Ht 0.2–0.5 m. Alt 700–1100 m. WC

anethifolia Knight = **S. triternata**

argentifolia E.Phillips & Hutch. = **S. aitonii**

artemisifolia Knight = **S. pedunculata**

balanocephala Rourke

Perennial. Shrub. Ht 0.5–1 m. Alt 600–650 m. WC

barbigera Knight = **S. phylloides**

biglandulosa Schltr. = **S. fasciflora**

bolusii E.Phillips & Hutch.

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 30–450 m.
 WC

brevifolia E.Phillips & Hutch. = **Paranomus capitatus**

brownii Meisn.

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 150–600 m.
 WC

burmannii R.Br. = **S. fasciflora**

candicans R.Br.

Perennial. Dwarf shrub. Ht 0.3–0.7 m. Alt 80–600 m.
 WC

ciliata R.Br. var. *ciliata* = **S. aemula**

ciliata R.Br. var. *congesta* (R.Br.) Hutch. = **S. aemula**

collina Salisb. ex Knight

S. flagellaris R.Br. (6)
 Perennial. Lignotuberous dwarf shrub. Ht 0.2–0.5 m.
 Alt 20–300 m. WC

confragosa Rourke

Perennial. Shrub. Ht 0.7–1 m. Alt 600–1050 m. WC

cyanoides (L.) R.Br.

Perennial. Lignotuberous dwarf shrub. Ht 0.2–0.3 m.
 Alt 30–420 m. WC

cygnea R.Br.

Perennial. Lignotuberous dwarf shrub. Ht 0.1–0.2 m.
 Alt 400–1300 m. WC

decipiens R.Br.

S. adscendens (Lam.) R.Br. var. *decipiens* (R.Br.) Hutch. (6)
 Perennial. Shrub. Ht 1–1.3 m. Alt 20–100 m. WC

decumbens (Thunb.) R.Br.

S. hyemalis Knight (6)
 Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 30–300 m.
 WC

deluvialis Rourke

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 100–300 m.
 WC

diffusa R.Br. = **S. furcellata**

- dodii** E. Phillips & Hutch.
Perennial. Shrub. Ht 0.5–1.2 m. Alt 900–1200 m. WC
- effusa** Rourke
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 100–750 m. WC
- elongata** (P.J. Bergius) R.Br.
Perennial. Shrub. Ht 1–1.5 m. Alt 100–650 m. WC
- fasciflora** Salisb. ex Knight
S. biglandulosa Schltr. (6)
S. burmannii R.Br. (6)
S. knightii Hutch. (6)
S. pauciflora E. Phillips & Hutch. (6)
S. subsericea Hutch. (6)
Perennial. Shrub. Ht 0.5–1 m. Alt 30–1000 m. WC
- flagellaris** R.Br. = **S. collina**
- flagellifolia** Salisb. ex Knight
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 150–500 m. WC
- flava** Meisn.
Perennial. Shrub. Ht 0.5–1 m. Alt 280–1000 m. WC
- florida** (Thunb.) Salisb. ex Knight
Perennial. Shrub. Ht 1–2 m. Alt 500–650 m. WC
- foeniculacea** R.Br. = **S. aemula**
- fucifolia** Salisb. ex Knight
Perennial. Shrub. Ht 1.5–3 m. Alt 30–450 m. WC
- furcellata** R.Br.
S. diffusa R.Br. (13)
Perennial. Lignotuberous shrub. Ht 0.5–1 m. Alt 50–300 m. WC
- glomerata** (L.) R.Br.
Perennial. Shrublet. Ht 0.3–0.7 m. Alt 20–300 m. WC
- gracilis** Knight = **S. phylloides**
- gremialis** Rourke
Perennial. Lignotuberous dwarf shrub. Ht 0.3–0.5 m. Alt 270–760 m. WC
- heterophylla** Meisn.
S. aemula Salisb. ex Knight var. *heterophylla* (Meisn.) Hutch. (6)
Perennial. Dwarf shrub. Ht 0.5–1.5 m. Alt 60–750 m. WC
- hirsuta** R.Br.
Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 180–500 m. WC
- hyemalis** Knight = **S. decumbens**
- inconspicua** L. Guthrie & T.M. Salter
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 150–600 m. WC
- incrassata** Meisn.
Perennial. Lignotuberous dwarf shrub. Ht 0.1–0.3 m. Alt 30–140 m. WC
- knightii** Hutch. = **S. fasciflora**
- kraussii** Meisn.
Perennial. Dwarf shrub. Ht 0.5–0.8 m. Alt 250–700 m. WC
- lacunosa** Rourke
Perennial. Shrub. Ht 0.5–1 m. Alt 750–800 m. WC
- leipoldtii** E. Phillips & Hutch.
Perennial. Lignotuberous shrub. Ht 0.5–1.5 m. Alt 780–1100 m. WC
- linearis** Salisb. ex Knight
S. simplicifolia R.Br. (6)
- Perennial. Lignotuberous dwarf shrub. Ht 0.2–0.7 m. Alt 120–160 m. WC
- longipes** E. Phillips & Hutch. = **S. pedunculata**
- meisneriana** Schltr.
Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 260–300 m. WC
- millefolia** Salisb. ex Knight
Perennial. Shrub. Ht 0.5–1 m. Alt 300–500 m. WC
- nervosa** Meisn.
S. ventricosa E. Phillips & Hutch. (6)
Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 30–300 m. WC
- nivenii** Salisb. ex Knight
S. plumosa Meisn. (14)
S. scariosa R.Br. (14)
Perennial. Dwarf shrub. Ht 0.2–0.8 m. Alt 660–1000 m. WC
- pauciflora** E. Phillips & Hutch. = **S. fasciflora**
- pedunculata** (Lam.) R.Br.
S. artemisiifolia Knight (6)
S. longipes E. Phillips & Hutch. (6)
Perennial. Shrub. Ht 1–1.5 m. Alt 450–1500 m. WC
- phylloides** (P.J. Bergius) R.Br.
S. barbigerata Knight (6)
S. gracilis Knight (13)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 150–1600 m. WC
- pinnata** R.Br.
Perennial. Lignotuberous dwarf shrub. Ht 0.1–0.3 m. Alt 85–400 m. WC
- plumosa** Meisn. = **S. nivenii**
- rebeloi** Rourke
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 480–600 m. WC
- reflexa** Rourke
Perennial. Shrub. Ht 1–2 m. Alt 400–760 m. WC
- rosea** E. Phillips
Perennial. Shrub. Ht 0.5–1 m. Alt 270–600 m. WC
- roxburghii** R.Br.
Perennial. Shrub. Ht 0.5–1.5 m. Alt 60–140 m. WC
- rubricaulis** R.Br.
Perennial. Lignotuberous dwarf shrub. Ht 0.1–0.3 m. Alt 50–1000 m. WC
- scariosa** R.Br. = **S. nivenii**
- simplicifolia** R.Br. = **S. linearis**
- stellata** Rourke
Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 900–1200 m. WC
- subsericea** Hutch. = **S. fasciflora**
- trilopha** Salisb. ex Knight
Perennial. Lignotuberous dwarf shrub. Ht 0.2–0.6 m. Alt 15–300 m. WC
- triternata** (Thunb.) R.Br.
S. anethifolia Knight (6)
Perennial. Shrub. Ht 1–1.6 m. Alt 450–900 m. WC
- vallis** Knight = **S. villosa**
- ventricosa** E. Phillips & Hutch. = **S. nervosa**
- villosa** (Lam.) R.Br.
S. vallis Knight (6)

- Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 45–140 m.
WC
- viridifolia** Rourke
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 800–1000 m. WC
- williamsii** Rourke
Perennial. Shrub. Ht 0.5–2 m. Alt 1000–1100 m. WC
- zeyheri** Meisn.
Perennial. Dwarf shrub. Ht 0.5–0.8 m. Alt 650–1150 m. WC
- SOROCEPHALUS** R.Br. 2028000
(1) Rourke. 1969. *Journal of South African Botany*, Suppl. Vol. 7: 1–124.
- alopecurus** Rourke
Perennial. Shrub. Ht 0.8–1 m. Alt 650–760 m. WC
- capitatus** Rourke
Perennial. Shrub. Ht 0.75–1 m. Alt 300–1400 m. WC
- claviger** (Salisb. ex Knight) Hutch.
S. rupestris (Salisb. ex Knight) E. Phillips (1)
Perennial. Shrub. Ht 0.6–1 m. Alt 600–1600 m. WC
- crassifolius** Hutch.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 1290–1435 m. WC
- diversifolius** (Roem. & Schult.) R.Br. = **Paranomus longicaulis**
- imberbis** R.Br. = **S. pinifolius**
- imbricatus** (Thunb.) R.Br.
Perennial. Shrub. Ht 0.5–1.5 m. Alt 450–1000 m. WC
- lanatus** (Thunb.) R.Br.
S. phyllicoides Meisn. (1)
S. schlechteri E. Phillips (1)
Perennial. Shrub, dwarf shrub. Ht 0.25–0.75 m. Alt 1600–2000 m. WC
- longifolius** (Meisn.) E. Phillips = **S. pinifolius**
- palustris** Rourke
Perennial. Dwarf shrub. Ht 0.15–0.2 m. Alt 1000–1200 m. WC
- phyllicoides** Meisn. = **S. lanatus**
- pinifolius** (Salisb. ex Knight) Rourke
S. imberbis R.Br. (1)
S. longifolius (Meisn.) E. Phillips (1)
Perennial. Shrub. Ht 0.5–1.2 m. Alt 600–700 m. WC
- rupestris** (Salisb. ex Knight) E. Phillips = **S. claviger**
- salsoloides** R.Br. = **Spatalla salsoloides**
- scabridus** Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 900–2000 m. WC
- schlechteri** E. Phillips = **S. lanatus**
- spatalloides** R.Br. = **Spatalla thyriflora**
- tenuifolius** R.Br.
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 150–250 m. WC
- teretifolius** (Meisn.) E. Phillips
Perennial. Dwarf shrub. Ht 0.5–1.2 m. Alt 900–1500 m. WC
- SPATALLA** Salisb. 2032000
(1) Phillips. 1943. *The Flowering Plants of South Africa* 23: t. 889.
(2) Rourke. 1969. *Journal of South African Botany*, Suppl. Vol. 7: 1–124.
- argentea** Rourke
Perennial. Shrub. Ht 0.5–0.75 m. Alt 1000–1300 m. WC
- barbigera** Salisb. ex Knight
S. burchellii E. Phillips (2)
S. sericea R.Br. (2)
Perennial. Dwarf shrub. Ht 0.5–0.75 m. Alt 300–1200 m. WC
- bolusii** E. Phillips = **S. parilis**
- bombycina** Salisb. ex Knight = **S. parilis**
- brachyloba** E. Phillips = **S. mollis**
- burchellii** E. Phillips = **S. barbigera**
- caudata** (Thunb.) R.Br.
Spatalopsis caudata (Thunb.) E. Phillips (2)
Spatalopsis caudiflora (Salisb. & Knight) E. Phillips (2)
Spatalopsis ericaefolia (Salisb. & Knight) E. Phillips (2)
Perennial. Shrub. Ht 0.7–1 m. Alt 800–1500 m. WC
- colorata** Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.5–0.75 m. Alt 900–1500 m. WC
- confusa** (E. Phillips) Rourke
Spatalopsis confusa E. Phillips (2)
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 1200–2200 m. WC
- curvifolia** Salisb. ex Knight
S. galpinii E. Phillips (2)
Perennial. Shrub, dwarf shrub. Ht 0.5–0.75 m. Alt 10–400 m. WC
- cylindrica** E. Phillips = **S. longifolia**
- ericoides** E. Phillips
Perennial. Shrub, dwarf shrub. Ht 0.6–0.75 m. Alt 15–300 m. WC
- galpinii** E. Phillips = **S. curvifolia**
- gracilis** Salisb. ex Knight = **S. racemosa**
- incurva** (Thunb.) R.Br.
S. mucronifolia E. Phillips (2)
S. procera Salisb. ex Knight, illegitimate name (2)
S. wallichii E. Phillips (2)
Perennial. Shrub. Ht 0.7–1 m. Alt 1200–2000 m. WC
- longifolia** Salisb. ex Knight
S. cylindrica E. Phillips (2)
Perennial. Shrub. Ht 0.7–1 m. Alt 350–1000 m. WC
- mollis** R.Br.
S. brachyloba E. Phillips (2)
Perennial. Dwarf shrub. Ht 0.4–0.75 m. Alt 500–914 m. WC
- mucronifolia** E. Phillips = **S. incurva**
- nubicola** Rourke
Perennial. Shrub. Ht 1–1.5 m. Alt 1500–1615 m. WC
- parilis** Salisb. ex Knight
S. bolusii E. Phillips (2)
S. bombycina Salisb. ex Knight (2)
Perennial. Shrub. Ht 1–1.5 m. Alt 300–1400 m. WC
- procera** Salisb. ex Knight, illegitimate name = **S. incurva**
- prolifera** (Thunb.) Salisb. ex Knight
Perennial. Shrub. Ht 0.5–1.2 m. Alt 60–200 m. WC
- propinqua** R.Br.
Spatalopsis propinqua (R.Br.) E. Phillips (2)
Perennial. Shrub. Ht 0.5–1 m. Alt 200–1200 m. WC
- racemosa** (L.) Druce
S. gracilis Salisb. ex Knight (2)

Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 120–600 m.
WC

salsoloides (R.Br.) Rourke
Sorocephalus salsoloides R.Br. (2)

Perennial. Shrub. Ht 0.5–1 m. Alt 1500–1800 m. WC

sericea R.Br. = **S. barbiger**

setacea (R.Br.) Rourke
Spatalopsis begleyi E.Phillips (2)

Perennial. Shrub. Ht 0.5–1.2 m. Alt 900–1200 m. WC

squamata Meisn.

Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 30–460 m.
WC

thyrsiflora Salisb. ex Knight
Sorocephalus spatilloides R.Br. (2)

Perennial. Shrub. Ht 0.3–0.5 m. Alt 915–1500 m. WC

tulbaghensis (E.Phillips) Rourke

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 900–950 m.
WC

wallichii E.Phillips = **S. incurva**

SPATALLOPSIS E.Phillips 2032010

begleyi E.Phillips = **Spatalla setacea**

caudata (Thunb.) E.Phillips = **Spatalla caudata**

caudiflora (Salisb. & Knight) E.Phillips = **Spatalla caudata**

confusa E.Phillips = **Spatalla confusa**

ericaefolia (Salisb. & Knight) E.Phillips = **Spatalla caudata**

propinqua (R.Br.) E.Phillips = **Spatalla propinqua**

VEXATORELLA Rourke 2036020

(1) Rourke. 1984. *Journal of South African Botany* 50: 373–391.

alpina (Salisb. ex Knight) Rourke

Leucospermum alpinum (Salisb. ex Knight) Rourke (1)

Leucospermum alpinum (Salisb. ex Knight) Rourke subsp. *alpinum* (1)

Leucospermum cartilagineum (R.Br.) E.Phillips (1)

Perennial. Shrub. Ht 2–3 m. Alt 1200–1500 m. WC

amoena (Rourke) Rourke

Leucospermum alpinum (Salisb. ex Knight) Rourke subsp. *amoenum*
Rourke (2)

Perennial. Shrub. Ht 1–1.5 m. Alt 1000–1500 m. WC

latebrosa Rourke

Perennial. Shrub. Ht 1–2 m. Alt 400–900 m. WC

obtusata (Thunb.) Rourke subsp. **albomontana** (Rourke)
Rourke

Leucospermum obtusatum (Thunb.) E.Phillips subsp. *albomontanum*
Rourke (1)

Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 1200–1450 m. WC

obtusata (Thunb.) Rourke subsp. **obtusata**

Leucospermum obtusatum (Thunb.) E.Phillips subsp. *obtusatum* (1)

Perennial. Dwarf shrub. Ht 0.2–1 m. Alt 300–1000 m.
WC

RANUNCULACEAE

Compiled by H.F. Glen

ADONIS L. 2549000

aethiopica Thunb. = **Knowltonia filia** subsp. **filia**

capensis L. = **Knowltonia capensis**

ANEMONE L. 2541000

(1) Harvey. 1859. *Thesaurus capensis* 1: 5, t. 7.

(2) Killick. 1965. *The Flowering Plants of Africa* 37: t. 1441.

(3) Oliver. 1969. *The Flowering Plants of Africa* 40: t. 1569.

(4) Lavranos. 1976. *The Flowering Plants of Africa* 43: t. 1696.

(5) Killick. 1977. *Bothalia* 12: 258.

caffra (Eckl. & Zeyh.) Harv.

Pulsatilla caffra Eckl. & Zeyh. (1)

Perennial. Herb. Ht 0.15–0.45 m. Alt 450–2100 m.
KZN, EC

capensis L. = **A. tenuifolia**

capensis (L.) Harv. var. *tenuifolia* Harv. = **A. tenuifolia**

capensis Lam. = **A. tenuifolia**

fanninii Harv. ex Mast.

Perennial. Herb. Ht 0.3–1 m. Alt 1150–2150 m. FS,
KZN, L, EC

tenuifolia (L.f.) DC.

A. capensis L. (5)

A. capensis (L.) Harv. var. *tenuifolia* Harv. (5)

A. capensis Lam. (5)

Perennial. Herb. Ht 0.2–0.6 m. Alt 150–1850 m. WC

CLEMATIS L. 2542000

(1) Harvey & Sonder. 1860. *FC* 1: 1, 2.

(2) Henderson. 1955. *The Flowering Plants of Africa* 30: t. 1197.

(3) Exell & Milne-Redhead. 1960. *FZ* 1: 89–93.

(4) Merxmüller. 1968. *FSWA* 37: 1, 2.

(5) Brandenburg. 1989. *European garden flora* 3: 357–364.

(6) Johnson. 1997. *Släktet Klematis*: 1–470.

(7) Brummitt. 2000. *Kew Bulletin* 55: 97–108.

brachiata Thunb.

Perennial. Climber. Ht 0.5–6.1 m. Alt 0–2125 m. N, B,
LIM, NW, G, M, S, FS, KZN, L, WC, EC

commutata Kuntze

Perennial. Climber. Ht up to 3 m. Alt 1000–1200 m. N

oweniae Harv.

Perennial. Climber. Ht 1.5–5 m. Alt 516–1720 m. N,
B, LIM, NW, G, M, S, FS, NC, EC

stewartiae Burt Davy

Perennial. Climber. Ht up to 3 m. Alt 1200–1600 m. M

thunbergii Steud. = **C. triloba**

triloba Thunb.

C. thunbergii Steud. (6)

Perennial. Climber. Ht 2–3 m. Alt 1000–1600 m. N, B,
LIM, NW, G, M, EC

villosa DC. subsp. **villosa**

Clematopsis scabiosaefolia DC. (7)

Clematopsis scabiosifolia (DC.) Hutch. subsp. *stanleyi* (Hook.)
Brummitt (7)

Clematopsis stanleyi (Hook.) Hutch. (7)

Clematopsis villosa Hutch. subsp. *stanleyi* (Hook.) Kuntze (7)

Perennial. Shrub, herb. Ht up to 1 m. Alt 400–2050 m.
N, B, LIM, NW, G, M

CLEMATOPSIS Bojer ex Hutch. 2542010
scabiosaefolia DC. = **Clematis villosa** subsp. **villosa**
scabiosifolia (DC.) Hutch. subsp. *stanleyi* (Hook.)
 Brummitt = **Clematis villosa** subsp. **villosa**
stanleyi (Hook.) Hutch. = **Clematis villosa** subsp. **villosa**
villosa Hutch. subsp. *stanleyi* (Hook.) Kuntze =
Clematis villosa subsp. **villosa**

KNOWLTONIA Salisb. 2541010

- (1) Rasmussen. 1979. *Opera Botanica* 53: 1–44.
 (2) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 379, 380.

anemonoides H.Rasm. subsp. **anemonoides**
K. gracilis (Vent.) DC. (1)
 Perennial. Herb. Ht 0.4–0.9 m. Alt 275–1200 m. WC

anemonoides H.Rasm. subsp. **tenuis** H.Rasm.
 Perennial. Herb. Ht 0.4–0.9 m. Alt 200–450 m. WC

bracteata Harv. ex J.Zahlbr.
K. rigida Salisb. var. *simplicifolia* Harv. (1)
 Perennial. Herb. Ht 0.3–0.9 m. Alt 350–1400 m. KZN,
 EC

brevistylis Szyszyl.
 Perennial. Herb. Ht 0.5–1.25 m. Alt 230–1500 m.
 KZN, EC

canescens Szyszyl. = **K. transvaalensis** var. **transvaalensis**

capensis (L.) Huth
Adonis capensis L. (1)
K. hirsuta (Vent.) DC. (1)
K. rigida Sauvages, illegitimate name (1)
 Perennial. Herb. Ht up to 0.3 m. Alt 0–550 m. WC

cordata H.Rasm.
 Perennial. Herb. Ht up to 0.7 m. Alt 150–1200 m. WC,
 EC

daucifolia (Lam.) DC. = **K. filia** subsp. **filia**

filia (L.f.) T.Durand & Schinz subsp. **filia**
Adonis aethiopica Thunb. (1)
K. daucifolia (Lam.) DC. (1)
 Perennial. Herb. Ht 0.5–1.4 m. Alt 120–900 m. WC,
 EC

filia (L.f.) T.Durand & Schinz subsp. **scaposa** H.Rasm.
 Perennial. Herb. Ht 0.5–1.4 m. Alt 60–850 m. WC

gracilis (Vent.) DC. = **K. anemonoides** subsp. **anemonoides**

hirsuta (Vent.) DC. = **K. capensis**

multiflora Burt Davy = **K. transvaalensis** var. **transvaalensis**

rigida Salisb. var. *simplicifolia* Harv. = **K. bracteata**

rigida Sauvages, illegitimate name = **K. capensis**

transvaalensis Szyszyl. var. **filifolia** H.Rasm.
 Perennial. Herb. Ht 0.34–1.12 m. Alt 1700–1950 m. M

transvaalensis Szyszyl. var. **pottiana** (Burt Davy)
 H.Rasm.
 Perennial. Herb. Ht 0.34–1.12 m. Alt 1250–2050 m. M

transvaalensis Szyszyl. var. **transvaalensis**
K. canescens Szyszyl. (1)
K. multiflora Burt Davy (1)
 Perennial. Herb. Ht 0.3–1.1 m. Alt 450–2200 m. LIM,
 M, S, KZN

vesicatoria (L.f.) Sims subsp. **grossa** H.Rasm.
 Perennial. Herb. Ht 0.6–1.2 m. Alt 0–275 m. WC

vesicatoria (L.f.) Sims subsp. **humilis** H.Rasm.
 Perennial. Herb. Ht 0.1–0.4 m. Alt 0–250 m. WC, EC

vesicatoria (L.f.) Sims subsp. **vesicatoria**
 Perennial. Herb. Ht 0.2–0.6 m. Alt 0–900 m. WC

***MYOSURUS** L. 2543000

- (1) Tutin. 1964. *Flora europaea* 1: 238.

minimus L.
 Annual. Herb. Ht 0.02–0.1 m. Alt 1200–1600 m. NC,
 WC

RANUNCULUS L. 2546000

- (1) Milne-Redhead & Turrill. 1952. *FTEA* Ranunculaceae: 13–19.
 (2) Cook. 1966. *Mitteilungen der Botanischen Staatssammlung München* 6: 47–237.
 (3) Toelken. 1967. *The Flowering Plants of Africa* 38: t. 1508.
 (4) Cook & R. Glen. Personal communication.

baurii MacOwan
R. cooperi Oliv. (4)
 Perennial. Herb. Ht 0.05–0.7 m. Alt 1050–3400 m. M,
 S, FS, KZN, L, EC

capensis Thunb.
 Perennial. Herb. Ht 0.05–0.15 m. Alt 0–200 m. WC

cooperi Oliv. = **R. baurii**

meyeri Harv.
 Perennial. Helophyte. Ht 0.07–0.25 m. Alt 350–3500
 m. NW, G, M, FS, KZN, L, WC, EC

multifidus Forssk.
R. pinnatus Poir. (1)
R. pubescens Thunb. (1)
 Perennial. Herb. Ht 0.05–0.9 m. Alt 0–3000 m. N, B,
 LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

muricatus L.
 Annual. Herb. Ht 0.1–0.5 m. Alt 0–350 m. WC

pinnatus Poir. = **R. multifidus**

***plebeius** R.Br. ex DC.
 Perennial. Herb. Ht 0.08–0.8 m. Alt 0–50 m. EC

pubescens Thunb. = **R. multifidus**

rionii Lager
R. trichophyllus of South African authors, not of Chaix (4)
 Annual, occ. perennial. Hydrophyte. Spread up to 1.2
 m. Alt 0–2750 m. B, NW, G, M, FS, L, NC, WC,
 EC

trichophyllus of South African authors, not of Chaix =
R. rionii

THALICTRUM L. 2548000

- (1) Harvey & Sonder. 1860. *FC* 1: 3.
 (2) Exell & Milne-Redhead. 1961. *FZ* 1: 96, 97.

caffrum Eckl. & Zeyh. = **T. minus**

innitens B.Boivin = **T. rhynchocarpum**

minus L.
T. caffrum Eckl. & Zeyh. (1)
 Perennial. Herb. Ht 0.15–1.5 m. Alt 600–2800 m. NW,
 G, FS, L, NC, EC

rhynchocarpum Quart.-Dill. & A.Rich.
T. innitens B.Boivin (2)
 Perennial. Herb. Ht 0.6–2.5 m. Alt 850–2000 m. LIM,
 M, FS, KZN, EC

RESEDACEAE

Compiled by M.C. Makgaka

- DIPETALIA** Raf. 3126010
dregeana Kuntze = **Oligomeris dregeana**
spathulata (E.Mey. ex Turcz.) Kuntze = **Oligomeris dipetala** var. **spathulata**
- HOLOPETALUM** Turcz. 3126020
burchellii Müll.Arg. = **Oligomeris dipetala** var. **dipetala**
pumilum Turcz. = **Oligomeris dipetala** var. **dipetala**
spathulatum E.Mey. ex Turcz. = **Oligomeris dipetala** var. **spathulata**
- OLIGOMERIS** Cambess. 3126000
 (1) Harvey & Sonder. 1860. *FC* 1: 64, 65.
 (2) Roessler. 1966. *FSWA* 49: 1, 2.
 (3) Leistner. 1970. *FSA* 13: 179–184.
burchellii (Müll.Arg.) Harv. = **O. dipetala** var. **dipetala**
capensis (Thunb.) Harv. var. *burchellii* (Müll.Arg.) Abdallah = **O. dipetala** var. **dipetala**
capensis (Thunb.) Harv. var. *capensis* (Thunb.) Perkins = **O. dipetala** var. **dipetala**
capensis (Thunb.) Harv. var. *pumila* (Harv.) Perkins = **O. dipetala** var. **dipetala**
capensis (Thunb.) Harv. var. *virgata* Harv. = **O. dipetala** var. **dipetala**
dipetala (Aiton) Turcz. var. *capensis* (Thunb.) Müll.Arg. = **O. dipetala** var. **dipetala**
dipetala (Aiton) Turcz. var. **dipetala**
Holopetalum burchellii Müll.Arg. (3)
Holopetalum pumilum Turcz. (3)
O. burchellii (Müll.Arg.) Harv. (3)
O. capensis (Thunb.) Harv. var. *burchellii* (Müll.Arg.) Abdallah (3)
O. capensis (Thunb.) Harv. var. *capensis* (Thunb.) Perkins (3)
O. capensis (Thunb.) Harv. var. *pumila* (Harv.) Perkins (3)
O. capensis (Thunb.) Harv. var. *virgata* Harv. (3)
O. dipetala (Aiton) Turcz. var. *capensis* (Thunb.) Müll.Arg. (3)
O. dipetala (Aiton) Turcz. var. *pumila* (Harv.) Müll.Arg. (3)
O. dipetala (Aiton) Turcz. var. *virgata* (Harv.) Müll.Arg. (3)
O. frutescens Dinter (3)
O. lycopodioides Schinz & Dinter (2)
O. upingtoniae Dinter (3)
Reseda capensis Thunb. (3)
Reseda dipetala Aiton (3)
Reseda microphylla C.Presl (1)
Resedella dipetala (Aiton) Webb & Berthel. (3)
 Perennial. Dwarf shrub. Ht 0.2–0.7 m. Alt 460–1435 m. N, B, NW, FS, NC, WC
dipetala (Aiton) Turcz. var. *pumila* (Harv.) Müll.Arg. = **O. dipetala** var. **dipetala**
dipetala (Aiton) Turcz. var. **spathulata** (E.Mey. ex Turcz.) Abdallah
Dipetalia spathulata (E.Mey. ex Turcz.) Kuntze (3)
Holopetalum spathulatum E.Mey. ex Turcz. (3)
O. spathulata (E.Mey. ex Turcz.) Harv. (3)
 Perennial. Dwarf shrub. Ht up to 0.15 m. Alt ± 340 m. N
dipetala (Aiton) Turcz. var. *virgata* (Harv.) Müll.Arg. = **O. dipetala** var. **dipetala**
dregeana (Müll.Arg.) Müll.Arg.
Dipetalia dregeana Kuntze (3)
Reseda dregeana C.Presl (3)
Resedella dregeana Müll.Arg. (3)
 Perennial. Dwarf shrub. Ht 0.1–0.27 m. Alt up to 1735 m. NW, G, FS, KZN, L, EC, WC
dregeana (Müll.Arg.) Müll.Arg. var. *sphaerocarpa* Abdallah = **O. linifolia**
frutescens Dinter = **O. dipetala** var. **dipetala**
glaucescens Cambess. = **O. linifolia**
linifolia (Vahl) J.F. Macbr.
O. dregeana (Müll.Arg.) Müll.Arg. var. *sphaerocarpa* Abdallah (3)
O. glaucescens Cambess. (3)
O. subulata Webb (3)
Reseda linifolia Vahl (3)
 Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt? N
lycopodioides Schinz & Dinter = **O. dipetala** var. **dipetala**
spathulata (E.Mey. ex Turcz.) Harv. = **O. dipetala** var. **spathulata**
subulata Webb = **O. linifolia**
upingtoniae Dinter = **O. dipetala** var. **dipetala**
- RESEDA** L. 3125000
 (1) Harvey & Sonder. 1860. *FC*: 164, 165.
 (2) Leistner. 1970. *FSA* 13: 178, 179.
 (3) Abdallah & De Wit. 1978. *Mededelingen Landbouhogeschool Wageningen* 78: 235–248.
capensis Thunb. = **Oligomeris dipetala** var. **dipetala**
dipetala Aiton = **Oligomeris dipetala** var. **dipetala**
dregeana C.Presl = **Oligomeris dregeana**
linifolia Vahl = **Oligomeris linifolia**
lutea L. subsp. **lutea** var. **nutans** Boiss.
 Annual, occ. perennial. Herb. Ht 0.25–1.8 m. Alt 10–2400 m. NW, FS, KZN, L, WC, EC
microphylla C.Presl = **Oligomeris dipetala** var. **dipetala**
RESEDELLA Webb & Berthel. 3126030
dipetala (Aiton) Webb & Berthel. = **Oligomeris dipetala** var. **dipetala**
dregeana Müll.Arg. = **Oligomeris dregeana**

RHAMNACEAE

Compiled by M. Jordaan & J.B.P. Beyers

BERCHEMIA Neck. ex DC. 4868000

- (1) Drummond. 1966. *FZ* 2: 424–427.
 (2) Johnston. 1972. *FTEA* Rhamnaceae: 31–34.

discolor (Klotzsch) Hemsl.

Phyllogeiton discolor (Klotzsch) Herzog (1)
 Perennial. Tree. Ht 3–20 m. Alt 30–1465 m. N, B,
 LIM, M

zeyheri (Sond.) Grubov

Phyllogeiton zeyheri (Sond.) Suss. (1)
Rhamnus zeyheri Sond. (1)
 Perennial. Tree. Ht 6–13 m. Alt 60–1980 m. B, LIM,
 NW, G, M, S, KZN

COLUBRINA Rich. ex Brongn. 4882000

- (1) Van Wyk & Schrire. 1986. *South African Journal of Botany* 52:
 379–382.

nicholsonii A.E. van Wyk & Schrire

Perennial. Tree or scandent shrub. Ht 2–8 m. Alt 0–
 300 m. KZN, EC

HELINUS E.Mey. ex Endl. 4905000

- (1) Drummond. 1966. *FZ* 2: 435–438.
 (2) Johnston. 1972. *FTEA* Rhamnaceae: 14–17.

integrifolius (Lam.) Kuntze

H. ovatus E.Mey. ex Sond. (1)
H. scandens (Eckl. & Zeyh.) A.Rich. (1)
 Perennial. Climbing shrub. Ht 0.2–6 m. Alt 45–1980
 m. N, B, LIM, NW, G, M, S, FS, KZN, WC, EC

ovatus E.Mey. ex Sond. = **H. integrifolius**

scandens (Eckl. & Zeyh.) A.Rich. = **H. integrifolius**

spartioides (Engl.) Schinz ex Engl.

Marlothia spartioides Engl. (1)
 Perennial. Dwarf shrub. Ht 0.3–1.5 m. Alt 410–1370
 m. N, B, NW, NC

LASIODISCUS Hook.f. 4888000

- (1) Drummond. 1966. *FZ* 2: 438, 439.
 (2) Johnston. 1972. *FTEA* Rhamnaceae: 5–9.
 (3) Figueiredo. 1995. *Kew Bulletin* 50: 495–526.

mildbraedii in sense of R.B.Drumm., misapplied name
 = **L. pervillei** subsp. **pervillei**

pervillei Baill. subsp. **pervillei**

L. mildbraedii in sense of R.B.Drumm., misapplied name (3)
 Perennial. Tree or shrub. Ht 2–8 m. Alt 0–300 m. KZN

MARLOTHIA Engl. 4907000

spartioides Engl. = **Helinus spartioides**

NOLTEA Rchb.f. 4880000

- (1) Coates Palgrave. 1977. *Trees of southern Africa*: 556.
 (2) Goldblatt & Manning. 2000. *Strelitzia* 9: 599.

africana (L.) Rchb.f.

Perennial. Tree or shrub. Ht 1–4 m. Alt 45–1525 m.
 WC, EC

PHYLICA L. 4886000

- (1) Pillans. 1942. *Journal of South African Botany* 8: 1–164.
 (2) Goldblatt & Manning. 2000. *Strelitzia* 9: 607.

- (3) Richardson *et al.* 2001. *Nature* 412: 181–183.

abietina Eckl. & Zeyh.

Perennial. Dwarf shrub or shrub. Ht 0.5–1.5 m. Alt
 265–1220 m. WC, EC

acmaephylla Eckl. & Zeyh.

Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 0–1000 m.
 WC

aemula Schltr. var. **aemula**

Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 960–1920
 m. NC, WC

aemula Schltr. var. **multibracteolata** Pillans

Perennial. Shrub. Ht up to 1.2 m. Alt 215–610 m. WC

affinis Sond.

Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt 600–865
 m. NC, WC

agathosmoides Pillans

Perennial. Dwarf shrub or shrub. Ht up to 1.5 m. Alt
 760–820 m. NC, WC

alba Pillans

Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? WC, EC

alpina Eckl. & Zeyh.

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt ± 915 m.
 WC

alticola Pillans

Perennial. Dwarf shrub. Ht up to 0.3 m. Alt ± 1755 m.
 WC

altigena Schltr.

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 915–1600
 m. WC

ambigua Sond.

Perennial. Shrub. Ht up to 1.5 m. Alt 700–1730 m.
 WC

amoena Pillans

Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 0–300 m.
 WC

ampliata Pillans

Perennial. Shrub. Ht up to 1 m. Alt? WC

anomala Pillans

Perennial. Dwarf shrub. Ht up to 0.4 m. Alt? WC

apiculata Sond.

Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? WC

atrata Licht. ex Roem. & Schult.

Perennial. Dwarf shrub or shrub. Ht 0.3–1.2 m. Alt
 40–700 m. WC

atrata Licht. ex Roem. & Schult. var. *litoralis* (Eckl. &
 Zeyh.) Sond. = **P. litoralis**

axillaris Lam. var. **axillaris**

Perennial. Dwarf shrub or shrub. Ht up to 2 m. Alt
 10–1060 m. WC

axillaris Lam. var. **cooperi** Pillans

Perennial. Dwarf shrub or shrub. Ht 0.25–1.2 m. Alt
 170–1000 m. EC

axillaris Lam. var. **densifolia** Pillans

- Perennial. Dwarf shrub. Ht up to 0.8 m. Alt? WC
- axillaris** Lam. var. **gracilis** Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? EC
- axillaris** Lam. var. **hirsuta** Sond.
Perennial. Dwarf shrub. Ht up to 0.8 m. Alt ± 480 m. EC
- axillaris** Lam. var. **lutescens** (Eckl. & Zeyh.) Pillans
Perennial. Dwarf shrub or shrub. Ht up to 1 m. Alt 30–1980 m. EC
- axillaris** Lam. var. **maritima** Pillans
Perennial. Dwarf shrub or shrub. Ht 0.4–2 m. Alt 10–80 m. WC
- axillaris** Lam. var. **microphylla** (Eckl. & Zeyh.) Pillans
Perennial. Dwarf shrub or shrub. Ht 0.3–2 m. Alt 10–1165 m. WC, EC
- axillaris** Lam. var. **pulchra** Pillans
Perennial. Dwarf shrub. Ht up to 0.8 m. Alt? WC, EC
- barbata** Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? WC
- barnardii** Pillans
Perennial. Dwarf shrub or shrub. Ht 0.6–1.2 m. Alt 300–1675 m. WC
- bolusii** Pillans
Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 565–1700 m. WC
- brachycephala** Sond.
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? WC
- brevifolia** Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 330–600 m. WC
- burchellii** Pillans
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? WC
- buxifolia** L.
Perennial. Dwarf shrub, shrub or tree. Ht up to 4 m. Alt 5–565 m. WC
- calcarata** Pillans
Perennial. Dwarf shrub. Ht up to 0.35 m. Alt 300–320 m. WC
- callosa** L.f.
Perennial. Dwarf shrub or shrub. Ht 0.45–1.2 m. Alt 15–915 m. WC
- cephalantha** Sond.
Perennial. Dwarf shrub or shrub. Ht 0.4–1.5 m. Alt 10–305 m. WC
- chionocephala** Schltr.
Perennial. Dwarf shrub. Ht up to 0.25 m. Alt ± 1585 m. WC
- chionophila** Schltr.
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 2000–2135 m. WC
- comosa** Steud.
Perennial. Dwarf shrub or shrub. Ht up to 2.5 m. Alt 80–930 m. WC
- comptonii** Pillans
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 1400–2000 m. WC
- confusa** Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 330–698 m. WC, EC
- constricta** Pillans var. **constricta**
Perennial. Dwarf shrub. Ht 0.15–0.45 m. Alt 1500–2330 m. WC
- constricta** Pillans var. **staavioides** Pillans
Perennial. Dwarf shrub. Ht 0.35–0.5 m. Alt 300–600 m. WC
- costata** Pillans
Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 1930–2200 m. WC
- cryptandroides** Sond.
Perennial. Shrub. Ht 0.5–3 m. Alt 155–1300 m. NC, WC
- curvifolia** Pillans
Perennial. Dwarf shrub. Ht 0.6–1 m. Alt 610–1260 m. WC
- cuspidata** Eckl. & Zeyh. var. **cuspidata**
Perennial. Shrub. Ht 0.6–1.8 m. Alt 50–1165 m. WC
- cuspidata** Eckl. & Zeyh. var. **minor** Pillans
Perennial. Shrub. Ht 0.5–1.4 m. Alt? WC
- cylindrica** J.C.Wendl.
Perennial. Dwarf shrub or shrub. Ht 0.3–2 m. Alt 245–1000 m. WC
- debilis** Eckl. & Zeyh. var. **debilis**
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 275–1065 m. WC
- debilis** Eckl. & Zeyh. var. **fourcadei** Pillans
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 800–1500 m. EC
- diffusa** Pillans var. **burchellii** Pillans
Perennial. Dwarf shrub. Ht? Alt? WC
- diffusa** Pillans var. **diffusa**
Perennial. Dwarf shrub or shrub. Ht up to 1.2 m. Alt 1165–1675 m. WC
- dioica** L.
Perennial. Dwarf shrub or shrub. Ht 0.4–1 m. Alt 265–1000 m. WC
- diosmoides** Sond.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 80–400 m. WC
- disticha** Eckl. & Zeyh. var. **cuneata** Pillans
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt? WC
- disticha** Eckl. & Zeyh. var. **disticha**
Perennial. Dwarf shrub. Ht 0.3–0.9 m. Alt 5–1665 m. WC
- dodii** N.E.Br.
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 20–265 m. WC
- elimensis** Pillans
Perennial. Shrub. Ht 0.6–1 m. Alt 155–185 m. WC
- ericoides** L. var. **ericoides**
Perennial. Dwarf shrub or shrub. Ht up to 1 m. Alt 5–1770 m. WC, EC
- ericoides** L. var. **montana** Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 0–165 m. WC
- ericoides** L. var. **muirii** Pillans
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 245–580 m. WC

- ericoides** L. var. **pauciflora** Pillans
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? WC
- ericoides** L. var. **zeyheri** Pillans
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 300–330 m. WC
- excelsa** J.C.Wendl. var. **excelsa**
Perennial. Shrub. Ht 0.5–2 m. Alt 245–1330 m. WC
- excelsa** J.C.Wendl. var. **papillosa** (J.C.Wendl.) Sond.
Perennial. Shrub. Ht 0.6–3 m. Alt 290–900 m. WC
- floccosa** Pillans
Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt ± 1675 m. WC
- floribunda** Pillans
Perennial. Dwarf shrub. Ht up to 0.7 m. Alt 0–300 m. WC
- fourcadei** Pillans
Perennial. Dwarf shrub. Ht up to 0.45 m. Alt 670–1165 m. WC, EC
- fruticosa** Schltr.
Perennial. Shrub. Ht up to 1.5 m. Alt 830–1170 m. WC
- galpinii** Pillans
Perennial. Dwarf shrub. Ht 0.45–0.7 m. Alt ± 1950 m. EC
- glabrata** Thunb.
Perennial. Dwarf shrub. Ht? Alt? WC
- gnidioides** Eckl. & Zeyh.
Perennial. Shrub. Ht up to 1 m. Alt 15–1160 m. WC, EC
- gracilis** (Eckl. & Zeyh.) D.Dietr.
Perennial. Dwarf shrub. Ht 0.4–0.75 m. Alt 90–915 m. WC
- greyii** Pillans
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 0–50 m. WC
- guthriei** Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? WC
- harveyi** (Arn.) Pillans
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 30–155 m. WC
- hirta** Pillans
Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt 300–360 m. WC
- humilis** Sond.
Perennial. Dwarf shrub. Ht 0.2–0.8 m. Alt 10–765 m. WC
- imberbis** P.J.Bergius var. **erriophoros** (P.J.Bergius) Pillans
Perennial. Dwarf shrub or shrub. Ht 0.28–2 m. Alt 15–1140 m. NC, WC
- imberbis** P.J.Bergius var. **imberbis**
Perennial. Dwarf shrub or shrub. Ht 0.2–1.5 m. Alt 10–1370 m. WC
- imberbis** P.J.Bergius var. **secunda** Sond.
Perennial. Dwarf shrub or shrub. Ht 0.2–1.2 m. Alt 65–1100 m. WC
- incurvata** Pillans
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 0–100 m. WC
- insignis** Pillans
Perennial. Dwarf shrub. Ht 0.6–0.7 m. Alt ± 1370 m. WC
- intrusa** Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt ± 1980 m. WC
- karroica** Pillans
Perennial. Dwarf shrub or shrub. Ht 0.25–0.9 m. Alt 100–1065 m. WC
- keetii** Pillans var. **keetii**
Perennial. Dwarf shrub or shrub. Ht 0.4–1.2 m. Alt 830–1525 m. WC, EC
- keetii** Pillans var. **mollis** Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? EC
- lachneaeoides** Pillans
Perennial. Dwarf shrub or shrub. Ht 0.5–2 m. Alt 400–1500 m. WC, EC
- laevifolia** Pillans
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt? WC
- laevigata** Pillans
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? WC
- laevis** (Eckl. & Zeyh.) Steud.
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 700–1000 m. WC
- lanata** Pillans
Perennial. Dwarf shrub or shrub. Ht 0.5–2 m. Alt 370–1665 m. WC
- lasiantha** Pillans
Perennial. Shrub. Ht 0.5–1 m. Alt ± 600 m. WC
- lasiocarpa** Sond.
Perennial. Dwarf shrub or shrub. Ht 0.3–1 m. Alt 10–1200 m. WC
- leipoldtii** Pillans
Biennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 870–1500 m. WC
- levynsiae** Pillans
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 670–1500 m. WC
- linifolia** Pillans
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt ± 800 m. WC
- litoralis** (Eckl. & Zeyh.) D.Dietr.
P. atrata Licht. ex Roem. & Schult. var. *litoralis* (Eckl. & Zeyh.) Sond. (1)
Perennial. Dwarf shrub or shrub. Ht 0.3–1 m. Alt 10–60 m. WC, EC
- longimontana** Pillans
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt? WC
- lucens** Pillans
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt? WC
- lucida** Pillans
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 0–300 m. WC
- mairei** Pillans
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 730–1130 m. WC
- marlothii** Pillans var. **crassa** Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? WC

- marlothii** Pillans var. **levynsiae** Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? WC
- marlothii** Pillans var. **marlothii**
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 500–2080 m. WC
- maximiliani** Schltr.
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt ± 1000 m. WC
- meyeri** Sond.
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 1790–1820 m. WC
- minutiflora** Sond.
Perennial. Shrub. Ht 0.6–1.8 m. Alt 750–1660 m. WC
- montana** Sond.
Perennial. Shrub. Ht 1.2–2.5 m. Alt ± 1430 m. NC
- mundii** Pillans
Perennial. Dwarf shrub or shrub. Ht 0.4–2 m. Alt 600–1665 m. WC
- natalensis** Pillans
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 100–1900 m. KZN
- nervosa** Pillans
Perennial. Shrub. Ht 0.6–1.8 m. Alt 400–1435 m. WC
- nigrita** Sond.
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 5–300 m. WC
- nigromontana** Pillans
Perennial. Dwarf shrub. Ht up to 0.7 m. Alt 1330–1665 m. WC
- nodosa** Pillans
Perennial. Shrub. Ht up to 1.2 m. Alt 1460–1500 m. WC
- obtusifolia** Pillans
Perennial. Dwarf shrub. Ht up to 0.35 m. Alt ± 570 m. WC
- odorata** Schltr.
Perennial. Dwarf shrub or shrub. Ht 0.2–1.5 m. Alt 300–1665 m. WC
- oleaefolia** Vent.
Perennial. Shrub. Ht up to 2 m. Alt 100–1300 m. NC, WC
- paniculata** Willd.
Perennial. Tree or shrub. Ht 0.5–6 m. Alt 100–2190 m. LIM, NW, G, M, S, KZN, WC, EC
- parviflora** P.J.Bergius
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 5–1525 m. WC
- parvula** Pillans
Perennial. Dwarf shrub. Ht 0.2–0.45 m. Alt 15–80 m. WC
- pauciflora** Pillans
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt? WC
- pearsonii** Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? NC
- pinea** Thunb.
Perennial. Shrub. Ht 0.4–1 m. Alt 20–2000 m. WC, EC
- piquetbergensis** Pillans
Perennial. Dwarf shrub. Ht 0.6–0.8 m. Alt 120–800 m. WC
- plumigera** Pillans
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 1065–1665 m. WC
- plumosa** L. var. **horizontalis** (Vent.) Sond.
Perennial. Dwarf shrub or shrub. Ht 0.3–1 m. Alt 20–300 m. WC
- plumosa** L. var. **plumosa**
Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 10–700 m. WC
- plumosa** L. var. **squarrosa** (Vent.) Sond.
Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 30–700 m. WC
- propinqua** Sond.
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 100–1190 m. WC
- pubescens** Aiton var. **angustifolia** Sond.
Perennial. Dwarf shrub or shrub. Ht 0.4–1.5 m. Alt 395–800 m. WC
- pubescens** Aiton var. **orientalis** Pillans
Perennial. Dwarf shrub. Ht 0.25–0.5 m. Alt 45–800 m. WC
- pubescens** Aiton var. **pubescens**
Perennial. Shrub. Ht up to 1.5 m. Alt 50–550 m. WC
- pulchella** Schltr.
Perennial. Dwarf shrub or shrub. Ht 0.4–1.6 m. Alt 720–1130 m. NC, WC
- purpurea** Sond. var. **floccosa** Pillans
Perennial. Dwarf shrub or shrub. Ht 0.3–2 m. Alt 200–1220 m. WC, EC
- purpurea** Sond. var. **pearsonii** Pillans
Perennial. Shrub. Ht up to 1.5 m. Alt 265–1530 m. WC
- purpurea** Sond. var. **purpurea**
Perennial. Shrub or tree. Ht up to 3 m. Alt 15–1640 m. WC
- pustulata** E.Phillips
Perennial. Shrub. Ht 0.9–1.5 m. Alt 300–640 m. NC, WC
- recurvifolia** Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt? WC
- retorta** Pillans
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt? WC
- retrorsa** E.Mey. ex Sond.
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 1370–1650 m. NC
- reversa** Pillans
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt? WC
- rigida** Eckl. & Zeyh.
Perennial. Shrub. Ht up to 1 m. Alt 1165–1600 m. WC
- rigidifolia** Sond.
Perennial. Shrub. Ht up to 2 m. Alt 120–1280 m. NC, WC
- rogersii** Pillans
Perennial. Dwarf shrub or shrub. Ht 0.3–1 m. Alt 60–1165 m. WC
- rubra** Willd. ex Roem. & Schult.

- Perennial. Shrub. Ht up to 2.5 m. Alt 25–1620 m. WC
- salteri** Pillans
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt? WC
- schlechteri** Pillans
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 0–300 m. WC
- selaginoides** Sond.
Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt 10–1220 m. WC
- sericea** Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt ± 1100 m. WC
- simii** Pillans
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? EC
- spicata** L.f. var. **piquetbergensis** Pillans
Perennial. Shrub. Ht up to 2 m. Alt? WC
- spicata** L.f. var. **spicata**
Perennial. Shrub. Ht up to 2 m. Alt 200–790 m. WC
- stenantha** Pillans
Perennial. Dwarf shrub. Ht up to 0.25 m. Alt 0–380 m. WC
- stenopetala** Schltr. var. **sieberi** Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? WC
- stenopetala** Schltr. var. **stenopetala**
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 100–135 m. WC
- stipularis* L. = **Trichocephalus stipularis**
- stokoei** Pillans
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 2100–2330 m. WC
- strigosa** P.J.Bergius var. **australis** Pillans
Perennial. Shrub. Ht up to 1 m. Alt? WC
- strigosa** P.J.Bergius var. **dregei** Pillans
Perennial. Shrub. Ht up to 1 m. Alt? WC
- strigosa** P.J.Bergius var. **elongata** Pillans
Perennial. Shrub. Ht up to 1.5 m. Alt? WC
- strigosa** P.J.Bergius var. **macowanii** Pillans
Perennial. Shrub. Ht up to 1 m. Alt ± 915 m. WC
- strigosa** P.J.Bergius var. **strigosa**
Perennial. Shrub. Ht up to 1.2 m. Alt 10–730 m. WC
- strigulosa** Sond.
Perennial. Dwarf shrub. Ht 0.3–0.7 m. Alt 30–760 m. WC
- subulifolia** Pillans
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 1230–1920 m. WC
- thodei** E.Phillips
Perennial. Dwarf shrub or shrub. Ht 0.2–1.5 m. Alt 1800–2400 m. FS, KZN, L
- thunbergiana** Sond.
Perennial. Dwarf shrub. Ht 0.15–0.75 m. Alt 110–500 m. WC
- tortuosa** E.Mey. ex Harv. & Sond.
Perennial. Dwarf shrub. Ht up to 0.8 m. Alt 765–1200 m. WC
- trachyphylla** (Eckl. & Zeyh.) D.Dietr.
Perennial. Shrub. Ht up to 1 m. Alt 900–1000 m. WC
- tuberculata** Pillans
Perennial. Dwarf shrub. Ht ± 0.5 m. Alt ± 1670 m. WC
- tubulosa** Schltr.
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt? WC
- tysonii** Pillans var. **brevifolia** Pillans
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt ± 1830 m. EC
- tysonii** Pillans var. **tysonii**
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt? EC
- variabilis** Pillans
Perennial. Dwarf shrub. Ht 0.45–0.6 m. Alt ± 1800 m. WC
- velutina** Sond.
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 50–900 m. WC
- villosa** Thunb. var. **pedicellata** (DC.) Sond.
Perennial. Shrub. Ht up to 1 m. Alt 340–1065 m. WC
- villosa** Thunb. var. **villosa**
Perennial. Shrub. Ht up to 1.5 m. Alt 90–1165 m. WC
- virgata** (Eckl. & Zeyh.) D.Dietr.
Perennial. Shrub. Ht 0.6–0.75 m. Alt 75–915 m. WC
- vulgaris** Pillans var. **burchellii** Pillans
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? WC
- vulgaris** Pillans var. **major** Pillans
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 840–1500 m. WC
- vulgaris** Pillans var. **vulgaris**
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 600–1665 m. WC
- willdenowiana** Eckl. & Zeyh.
Perennial. Shrub. Ht 0.3–1 m. Alt 10–1165 m. WC, EC
- wittebergensis** Pillans
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 765–1320 m. WC
- PHYLLOGEITON** Weberb. 4868010
discolor (Klotzsch) Herzog = **Berchemia discolor**
zeyheri (Sond.) Suess. = **Berchemia zeyheri**
- RHAMNUS** L. 4875000
(1) Polhill. 1964. *Kew Bulletin* 19: 145.
(2) Drummond. 1966. *FZ* 2: 427, 428.
(3) Johnston. 1972. *FTEA* Rhamnaceae: 17–20.
(4) Retief. 1991. *The Flowering Plants of Africa* 51: t. 2030.
- prinoides** L'Hér.
Celtis rhamnifolia C.Presl, illegitimate name (1)
Perennial. Tree or shrub. Ht 1–8 m. Alt 5–2225 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- tetragona* L.f. = **Lauridia tetragona**
zeyheri Sond. = **Berchemia zeyheri**
- SCUTIA** (Comm. ex DC.) Brongn. 4874000
(1) Drummond. 1966. *FZ* 2: 428–430.
(2) Johnston. 1972. *FTEA* Rhamnaceae: 21–23.
- commersonii* Brongn. = **S. myrtina**
- myrtina** (Burm.f.) Kurz
S. commersonii Brongn. (1)
Perennial. Tree or scandent shrub. Ht 1–8 m. Alt 5–1830 m. LIM, M, S, KZN, WC, EC

TRICHOCEPHALUS Brongn. 4886010

- (1) Goldblatt & Manning. 2000. *Strelitzia* 9: 607.
 (2) Richardson *et al.* 2001. *Nature* 412: 181–183.

stipularis (L.) Brongn.*Phylica stipularis* L. (1)

Perennial. Dwarf shrub or shrub. Ht 0.2–1.5 m. Alt 5–1330 m. WC

ZIZIPHUS Mill. 4861000

- (1) Drummond. 1966. *FZ* 2: 419–424.
 (2) Johnston. 1972. *FTEA* Rhamnaceae: 23–31.
 (3) Killick. 1977. *The Flowering Plants of Africa* 44: t. 1739.

abyssinica in sense of O.B.Mill., not of A.Rich., misapplied name = **Z. mucronata** subsp. **rhodesica**

helvola Sond. = **Z. zeyheriana**

mucronata Willd. subsp. **mucronata**

Perennial. Tree or shrub. Ht 1–20 m. Alt 15–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

mucronata Willd. subsp. **rhodesica** R.B.Drumm.*Z. abyssinica* in sense of O.B.Mill., not of A.Rich., misapplied name (1)

Perennial. Tree or shrub. Ht 1–12 m. Alt? N, B

rivularis Codd

Perennial. Tree or shrub. Ht 2–10 m. Alt 5–1100 m. LIM, M, S, KZN

***spina-christi** (L.) Desf. var. **spina-christi**

Perennial. Tree. Ht 2–8 m. Alt 5–300 m. KZN

zeyheriana Sond.*Z. helvola* Sond. (1)

Perennial. Dwarf shrub. Ht 0.15–1.2 m. Alt 410–1830 m. B, LIM, NW, G, M, FS

RHIZOPHORACEAE

Compiled by C.L. Bredenkamp

BRUGUIERA Lam. 5526000

- (1) Torre & Gonçalves. 1978. *FZ* 4: 87–89.
 (2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 166.

gymnorhiza (L.) Lam.

Perennial. Tree, shrub. Ht 7–15 m. Alt 1–5 m. KZN, EC

CASSIPOUREA Aubl. 5529000

- (1) Alston. 1925. *Kew Bulletin* 1925: 241–276.
 (2) Compton. 1967. *Journal of South African Botany* 33: 296, 297.
 (3) Torre & Gonçalves. 1978. *FZ* 4: 89–96.
 (4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 166, 167.

congoensis in sense of Alston = **C. malosana**

flanaganii (Schinz) Alston

Perennial. Tree, shrub. Ht 1–10.66 m. Alt 90–1220 m. M, KZN, EC

gerrardii (Schinz) Alston = **C. malosana**

gummiflua Tul. var. **verticillata** (N.E.Br.) J.Lewis

Perennial. Tree. Ht 3–25 m. Alt 46–2032 m. S, KZN, EC

malosana (Bak.) Alston*C. congoensis* in sense of Alston (3)*C. gerrardii* (Schinz) Alston (3)

Perennial. Tree or shrub. Ht up to 5 m. Alt 600–1700 m. LIM, M, S, KZN, EC

mossambicensis (Brehmer) Alston

Perennial. Shrub. Ht 2–5.48 m. Alt 60–535 m. S, KZN

swaziensis Compton

Perennial. Tree, shrub. Ht 1.82–4 m. Alt up to 1220 m. S, KZN

CERIOPS Arn. 5522000

- (1) Torre & Gonçalves. 1978. *FZ* 4: 84, 85.

tagal (Perr.) C.B.Rob.

Perennial. Tree, shrub. 1.2–3 m. Alt ± 1 m. KZN

RHIZOPHORA L. 5523000

- (1) Torre & Gonçalves. 1978. *FZ* 4: 82–84.

mucronata Lam.

Perennial. Tree, shrub. Ht 10–18 m. Alt ± 5 m. KZN, EC

RHYNCHOCALYCACEAE

Compiled by C.L. Bredenkamp

RHYNCHOCALYX Oliv. 5495000

- (1) Strey & Leistner. 1968. *Journal of South African Botany* 34: 9–13.
 (2) Tobe & Raven. 1984. *Annals of the Missouri Botanical Garden* 71: 836–843.

lawsonioides Oliv.

Perennial. Tree. Ht 3.04–10 m. Alt 300–600 m. KZN, EC

RORIDULACEAE

Compiled by T. Nkonki

IREON Burm.f. 3138010*verticillata* Burm. = **Roridula dentata****RORIDULA** L. 3138000

- (1) Sonder. 1860. *FC* 1: 79.
 (2) Obermeyer. 1970. *FSA* 13: 201, 202.
 (3) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 385, 386.

brachysepala Gand. = **R. dentata***crinita* Gand. = **R. gorgonias***dentata* in sense of Eckl. & Zeyh., misapplied name =**R. gorgonias***dentata* L.*Drosera roridula* Thunb. (2)*Ireon verticillata* Burm. (2)*R. brachysepala* Gand. (2)*R. muscicapa* Gaertn. (2)*R. verticillata* Pers. (2)

Perennial. Shrub, carnivore. Ht 0.6–2 m. Alt 90–1525 m. NC, WC

gorgonias Planch.*R. crinita* Gand. (2)*R. dentata* in sense of Eckl. & Zeyh., misapplied name (1)

Perennial. Dwarf shrub, carnivore. Ht 0.1–0.6 m. Alt 155–915 m. WC

muscicapa Gaertn. = **R. dentata***verticillata* Pers. = **R. dentata**

ROSACEAE

Compiled by T. Nkonki & H.F. Glen

ACAENA L. 3386000

- (1) Harvey. 1862. *FC* 2: 290, 291.
 (2) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 386.

latebrosa Aiton*Agrimonia decumbens* L.f. (1)*Ancistrum decumbens* Thunb. (1)

Perennial. Herb. Ht 0.1–0.3 m. Alt 702–1830 m. NC, WC

AGRIMONIA L. 3376000

- (1) Miller. 1768. *The gardener's dictionary*, edn 8, 3: 1.
 (2) Harvey. 1862. *FC* 2: 290.
 (3) Mendes. 1978. *FZ* 4: 27–29.
 (4) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 386.
 (5) Jordaan. 1993. In Arnold & De Wet, *Memoirs of the Botanical Survey of South Africa* No. 62: 348, 349.

bracteata E.Mey. ex C.A.Mey.*A. eupatoria* L. (3)*A. nepalensis* Don (5)

Perennial. Herb. Ht 0.6–2 m. Alt 1200–1900 m. M, S, FS, KZN, EC

decumbens L.f. = **Acaena latebrosa***eupatoria* L. = **A. bracteata***nepalensis* Don = **A. bracteata***odorata* Mill. = **A. procera****procera** Wallr.*A. odorata* Mill. (4)

Perennial. Herb. Ht 0.3–1.5 m. Alt 155–2134 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

ALCHEMILLA L. 3375000

- (1) Harvey. 1862. *FC* 2: 291, 292.
 (2) Hauman & Balle. 1936. *Memoirs de l'Académie Royal de Belgique. Classe des Sciences Collection Ser. II, Vol.16, Fasc. 3, 20: 20, 21.*
 (3) Rothmaler. 1937. *Feddes Repertorium* 42: 164–167.
 (4) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 183.

(5) Mendes. 1978. *FZ* 4: 29–33.(6) Hilliard & Burt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 370, 371.**bakeri** De Wild.

Perennial. Herb. Ht? Alt up to 1617 m. KZN, EC

bicarpellata Rothm.

Perennial. Herb. Ht? Alt up to 641 m. EC

bolusii De Wild.

Perennial. Herb. Ht? Alt up to 1525 m. KZN, EC

capensis Thunb.

Perennial. Herb. Ht? Alt 610–1900 m. KZN, WC, EC

colura Hilliard

Perennial. Herb. Ht? Alt 1800–2900 m. KZN, EC

cryptantha Steud. ex A.Rich.*A. inyangensis* Weim. (5)

Perennial. Herb. Ht? Alt 1400–1730 m. LIM, M

elongata Eckl. & Zeyh. var. **elongata***A. palmata* E.Mey. (1)

Perennial. Herb. Ht 0.3–0.9 m. Alt 350–1891 m. LIM, M, S, FS, KZN, EC

elongata Eckl. & Zeyh. var. **platyloba** Rothm.

Perennial. Herb. Ht? Alt? KZN

galpinii Hauman & Balle

Perennial. Herb. Ht? Alt 2600–2900 m. EC

gerrardii De Wild. = **A. incurvata****hirsuto-petiolata** (De Wild.) Rothm.

Perennial. Herb. Ht up to 0.4 m. Alt 1739–2040 m. KZN, EC

incurvata Gand.*A. gerrardii* De Wild. (4)

Perennial. Herb. Ht? Alt up to 1160 m. KZN

inyangensis Weim. = **A. cryptantha****kiwuensis** Engl.

Perennial. Herb. Ht? Alt 1220–1768 m. LIM, M, KZN, EC

natalensis Engl.

Perennial. Herb. Ht? Alt 945–3200 m. M, S, FS, KZN, L, EC

palmata E.Mey. = **A. elongata** var. **elongata**

quinqueloba Rothm.

Perennial. Herb. Ht? Alt 458–1037 m. EC

rehmannii Engl.

Perennial. Herb. Ht? Alt 1113–2135 m. LIM, M, KZN

schlechteriana Rothm.

Perennial. Herb. Ht? Alt 1342–1951 m. EC

wilmsii Engl. = **A. woodii**

woodii Kuntze

A. wilmsii Engl. (4)

Perennial. Herb. Ht 0.07–0.3 m. Alt 1556–2745 m. LIM, M, S, FS, KZN, L, EC

ANCISTRUM Forst. 3386010

decumbens Thunb. = **Acaena latebrosa**

CLIFFORTIA L. 3388000

- (1) Harvey. 1862. *FC* 2: 292–304.
- (2) Weimarck. 1934. *Monograph of the genus Cliffortia*: 3–227.
- (3) Weimarck. 1946. *Botaniska Notiser* 80: 407–420.
- (4) Weimarck. 1948. *Botaniska Notiser* 90: 167–203.
- (5) Adamson & Salter. 1950. *Flora of the Cape Peninsula*: 444–450.
- (6) Weimarck. 1953. *Botaniska Notiser* 106: 78–80.
- (7) Weimarck. 1959. *Botaniska Notiser* 112: 73–79.
- (8) Oliver & Fellingham. 1991. *Bothalia* 21: 60–62.
- (9) Fellingham. 1994. *Bothalia* 24: 31–34.
- (10) Oliver & Fellingham. 1994. *Bothalia* 24: 153–162.
- (11) Fellingham. 1995. *Bothalia* 25: 104–107.

acockii Weim.

Perennial. Shrub. Ht up to 0.3 m. Alt up to 153 m. WC

aculeata Weim.

Perennial. Shrub. Ht 0.3–0.5 m. Alt 1403–1647 m. WC

aculeata Weim. × ?*C. graminea* L.f. = **C. graminea** var. **convoluta**

acutifolia Weim.

Perennial. Shrub. Ht 0.6–1 m. Alt 671–820 m. WC

aequatorialis R.E.Fr. & T.C.E.Fr. (non-*FSA*)

alata N.E.Br.

Perennial. Shrub. Ht 0.2–0.5 m. Alt 305–549 m. WC

alnifolia Rechb. = **C. odorata**

amplexistipula Schltr.

Perennial. Shrub. Ht 0.5–1.5 m. Alt 442–1464 m. NC, WC

apiculata Weim.

Perennial. Shrub. Ht 0.3–1 m. Alt 73–235 m. WC, EC

arachnoidea Lodd. = **C. ruscifolia** var. **ruscifolia**

arborea Marloth

Perennial. Shrub. Ht up to 4 m. Alt 1403–1676 m. NC, WC, EC

arcuata Weim.

Perennial. Shrub. Ht 0.5–1 m. Alt 155–1350 m. WC, EC

atrata Weim.

Perennial. Shrub. Ht 0.3–1.2 m. Alt 92–1678 m. WC, EC

baccans Harv.

Perennial. Shrub. Ht up to 0.6 m. Alt 1005–1150 m. WC

berberidifolia Lam. = **C. ferruginea**

brevifolia Weim.

Perennial. Shrub. Ht up to 0.4 m. Alt up to 76 m. WC

browniana Burttt Davy

Perennial. Shrub. Ht 0.3–1.5 m. Alt 1067–3355 m. KZN, L, EC

burchellii Stapf

C. leptophylla Eckl. & Zeyh. var. *longifolia* Eckl. & Zeyh. (2)

Perennial. Shrub. Ht 1.8–4 m. Alt 200–1098 m. WC, EC

burgersii E.G.H.Oliv. & Fellingham

Perennial. Shrub. Ht 0.3–1.5 m. Alt 30–620 m. WC

carinata Weim.

Perennial. Shrub. Ht up to 0.3 m. Alt? WC

castanea Weim.

Perennial. Shrub. Ht 0.6–1.5 m. Alt 1525–1622 m. WC

cervicornu Weim.

Perennial. Shrub. Ht 0.8–1 m. Alt 915–1540 m. WC, EC

cinerea Thunb. = **Nenax cinerea**

complanata E.Mey.

C. propinqua Eckl. & Zeyh. var. *chamissonis* (Harv.) Weim. (4)

C. serpyllifolia Cham. & Schldtl. var. *chamissonis* Harv. in part (4)

C. serpyllifolia Cham. & Schldtl. var. *penninervis* Harv. in part (4)

Perennial. Dwarf shrub. Ht? Alt 610–1220 m. WC

conconvifolia Eckl. & Zeyh. = **Aspalathus cytisoides**

concinna Weim.

Perennial. Dwarf shrub. Ht up to 0.6 m. Alt up to 1098 m. WC

conifera E.G.H.Oliv. & Fellingham

Perennial. Shrub. Ht up to 4 m. Alt up to 1300 m. WC

conoides Sparrm. = **C. strobilifera**

cordifolia E.Mey., not of Lam. = **C. virgata**

cordifolia Lam., not of E.Mey. = **C. ilicifolia** var. **cordifolia**

crassinervis Weim.

Perennial. Dwarf shrub. Ht up to 2 m. Alt 1220–2080 m. WC

crenata L.f.

Perennial. Shrub. Ht 0.9–2 m. Alt 488–1373 m. WC

crenulata Weim.

Perennial. Shrub. Ht up to 2 m. Alt? WC

cristata Weim.

Perennial. Shrub. Ht 0.3–1 m. Alt 610–920 m. NC, WC

cuneata Aiton

Perennial. Shrub. Ht 1–3 m. Alt 336–915 m. WC, EC

cuneata Aiton × **C. phillipsii** Weim.

C. cuneata Eckl. & Zeyh., not of Aiton (2)

Perennial. Shrub. Ht? Alt up to 300 m. WC

cuneata Eckl. & Zeyh., not of Aiton = **C. cuneata** × **C.**

phillipsii**curvifolia** Weim.

Perennial. Shrub. Ht? Alt? WC

cymbifolia Weim.

Perennial. Dwarf shrub. Ht? Alt up to 1100 m. WC

densa Weim.

Perennial. Shrub. Ht up to 3 m. Alt up to 1370 m. WC

dentata Eckl. & Zeyh., not of Willd. = **C. triloba**

dentata E.Mey., not of Willd. = **C. gracilis**

dentata Willd.

C. trifida Thunb. (2)

Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 275–1373 m. WC

discolor Weim.

Perennial. Shrub. Ht? Alt up to 1000 m. WC

dispar Weim.

Perennial. Shrub. Ht 0.3–0.9 m. Alt 854–1525 m. WC

dodecandra Weim.

Perennial. Shrub. Ht 0.2–1 m. Alt 244–1007 m. WC

dregeana C.Presl var. **dregeana**

Perennial. Shrub. Ht 0.5–1.5 m. Alt 336–1525 m. WC

dregeana C.Presl var. **meyeriana** (C.Presl) Weim.

C. meyeriana C.Presl (2)

Perennial. Shrub. Ht 0.5–1.5 m. Alt up to 610 m. WC

drepanoides Eckl. & Zeyh.

C. falcata Spreng., not of L.f. (2)

Perennial. Shrub. Ht 0.2–1 m. Alt 427–1159 m. WC, EC

erectisepala Weim.

Perennial. Shrub. Ht 0.5–2 m. Alt 305–1373 m. WC, EC

ericifolia E.Mey., not of L.f. = **C. eriocephalina**

ericifolia L.f.

Perennial. Shrub. Ht 0.6–0.9 m. Alt? WC

ericifolia L.f. var. **acutistipula** Kuntze = **C. linearifolia**

eriocephalina Cham.

C. ericifolia E.Mey., not of L.f. (2)

C. phyllicoides Eckl. & Zeyh. (2)

Perennial. Shrub. Ht 0.3–1 m. Alt 854–2300 m. WC, EC

esterhuyseniae Weim.

Perennial. Shrub. Ht 1.2–2 m. Alt 1525–1678 m. WC

exilifolia Weim.

Perennial. Shrub. Ht up to 1.3 m. Alt 915–1620 m. WC

falcata L.f.

Perennial. Shrub. Ht 0.2–1 m. Alt 9–641 m. WC

falcata Spreng., not of L.f. = **C. drepanoides**

fasciculata Weim.

Perennial. Shrub. Ht? Alt up to 1600 m. WC

ferruginea L.f.

C. berberidifolia Lam. (2)

C. ferruginea L.f. var. *flexuosa* (E.Mey.) Harv. (2)

C. ferruginea L.f. var. *latifolia* Eckl. & Zeyh. (2)

C. ferruginea L.f. var. *longifolia* Eckl. & Zeyh. (2)

C. ferruginea L.f. var. *villosa* Harv. (2)

C. flexuosa E.Mey. (2)

C. serrata Thunb. (2)

Perennial. Shrub. Ht 0.3–2 m. Alt 30–1220 m. WC, EC

ferruginea L.f. var. **flexuosa** (E.Mey.) Harv. = **C. ferruginea**

ferruginea L.f. var. **latifolia** Eckl. & Zeyh. = **C. ferruginea**

ferruginea L.f. var. **longifolia** Eckl. & Zeyh. = **C. ferruginea**

ferruginea L.f. var. **villosa** Harv. = **C. ferruginea**

filicaulis E.Mey., not of Schldtl. = **C. tricuspida**

filicaulis Schldtl. var. **filicaulis**

Perennial. Shrub. Ht 0.3–0.9 m. Alt 150–366 m. WC

filicaulis Schldtl. var. **octandra** (Cham.) Weim.

C. octandra Cham. (2)

Perennial. Shrub. Ht 0.3–0.9 m. Alt 185–1586 m. KZN, WC, EC

filicauloides Weim.

Perennial. Dwarf shrub. Ht? Alt up to 1525 m. FS, KZN, L

filifolia L.f.

C. leptophylla Eckl. & Zeyh. (2)

Perennial. Shrub. Ht 0.2–0.5 m. Alt 305–610 m. WC

filifolia L.f. var. **subsetacea** Eckl. & Zeyh. = **C. subsetacea**

flabellifolia Sond. = **Myrothamnus flabellifolius**

flexuosa E.Mey. = **C. ferruginea**

galpinii N.E.Br. in part = **C. paucistaminea**

galpinii N.E.Br. in part = **C. ramosissima**

geniculata Weim.

Perennial. Shrub. Ht? Alt? WC

glaucula Weim.

Perennial. Shrub. Ht 0.6–1.5 m. Alt 92–1067 m. WC

glaucula Weim. × **C. marginata** Eckl. & Zeyh.

Perennial. Dwarf shrub. Ht? Alt up to 914 m. WC

gracilis Harv.

C. dentata E.Mey., not of Willd. (2)

Perennial. Dwarf shrub. Ht 0.2–0.8 m. Alt 275–915 m. WC

graminea L.f. var. **convoluta** Weim.

C. aculeata Weim. × ?*C. graminea* L.f. (3)

Perennial. Shrub. Ht up to 2 m. Alt? WC

graminea L.f. var. **elegans** Weim.

Perennial. Shrub. Ht up to 2 m. Alt? WC

graminea L.f. var. **graminea**

Perennial. Shrub. Ht 0.3–2 m. Alt 214–854 m. WC, EC

grandifolia Eckl. & Zeyh. var. **denticulata** Weim.

Perennial. Shrub. Ht 0.3–3 m. Alt 397–1342 m. WC

grandifolia Eckl. & Zeyh. var. **grandifolia**

Perennial. Shrub. Ht 2–5 m. Alt 600–763 m. WC

grandifolia Eckl. & Zeyh. var. **recurvata** Weim.

Perennial. Shrub. Ht up to 3 m. Alt up to 1312 m. WC

hantamensis Diels

Perennial. Shrub. Ht up to 0.5 m. Alt up to 1525 m. NC, WC

hermaphroditica Weim.

Perennial. Dwarf shrub. Ht? Alt? WC

heterophylla Weim.

Perennial. Shrub. Ht 1.8–3 m. Alt 30–305 m. WC

hexandra Weim.

Perennial. Shrub. Ht 0.6–2 m. Alt 458–1220 m. WC

hirsuta Eckl. & Zeyh.

C. odorata L.f. var. *hypoleuca* Harv. (2)

Perennial. Shrub. Ht 0.5–2 m. Alt 50–976 m. WC

- hirsuta** Eckl. & Zeyh. × **C. odorata** L.f.
Perennial. Shrub. Ht? Alt up to 305 m. WC
- hirta** Burm.f.
C. sarmentosa L. (5)
Perennial. Shrub. Ht 0.3–0.6 m. Alt up to 61 m. WC
- ilicifolia** L. var. **cordifolia** (Lam.) Harv.
C. cordifolia Lam., not of E.Mey. (2)
Perennial. Shrub. Ht up to 2 m. Alt 1373–1525 m.
WC, EC
- ilicifolia** L. var. **ilicifolia**
C. rubricaulis C.Presl (2)
Perennial. Shrub. Ht 0.3–2 m. Alt 200–1678 m. WC,
EC
- ilicifolia** L. var. **incisa** Harv.
Perennial. Shrub. Ht 0.3–2 m. Alt? WC
- ilicifolia** L. var. **reniformis** Weim.
Perennial. Shrub. Ht 1.2–3 m. Alt 366–610 m. WC
- ilicifolia** L. var. **schlechteri** Weim.
Perennial. Shrub. Ht up to 1 m. Alt 153–183 m. WC
- incana** Weim.
Perennial. Shrub. Ht up to 0.6 m. Alt 153–214 m. WC
- integerrima** Weim.
Perennial. Shrub. Ht? Alt up to 305 m. WC
- integerrima** Weim. × **C. ruscifolia** L.
Perennial. Shrub. Ht 0.8–1.5 m. Alt 274–305 m. WC
- intermedia** Eckl. & Zeyh.
Perennial. Shrub. Ht 0.6–0.8 m. Alt up to 763 m. WC,
EC
- juniperina* L.f. var. *brevifolia* Harv. = **C. paucistaminea**
juniperina L.f. var. *foliis-brevioribus* Eckl. & Zeyh. = **C. paucistaminea**
- juniperina** L.f. var. **juniperina**
C. laricina E.Mey. in part (2)
Perennial. Shrub. Ht 0.3–1 m. Alt 31–820 m. WC
- juniperina* L.f. var. *muricata* Harv. in part = **C. tuberculata** var. **muricata**
- juniperina** L.f. var. **pilosula** Weim.
Perennial. Shrub. Ht up to 1 m. Alt up to 1220 m. WC
- juniperina* L.f. var. *pterocarpa* Harv. = **C. pterocarpa**
juniperina L.f. var. *serrulata* Engl. = **C. repens**
juniperina L.f. var. *tuberculata* Harv. = **C. tuberculata** var. **tuberculata**
- lanata** Weim.
Perennial. Shrub. Ht up to 0.3 m. Alt up to 915 m. WC
- lanceolata** Weim.
Perennial. Shrub. Ht up to 0.5 m. Alt 458–793 m. WC
- laricina* E.Mey. in part = **C. juniperina** var. **juniperina**
laricina E.Mey. in part = **C. tuberculata** var. **tuberculata**
- laricina* E.Mey. var. *brevior* Drège = **C. tuberculata** var. **muricata**
- laricina* E.Mey. var. *longifolia* Meisn. = **C. pterocarpa**
- lepida** Weim.
Perennial. Shrub. Ht up to 0.2 m. Alt 1068–1830 m.
WC
- leptophylla* Eckl. & Zeyh. = **C. filifolia**
leptophylla Eckl. & Zeyh. var. *longifolia* Eckl. & Zeyh. = **C. burchellii**
- linearifolia** Eckl. & Zeyh.
C. ericifolia L.f. var. *acutistipula* Kuntze (2)
Perennial. Shrub. Ht 0.5–3 m. Alt 610–2654 m. LIM,
NW, G, M, S, FS, KZN, L, NC, WC, EC
- linearifolia* Eckl. & Zeyh. var. *nitidula* Engl. in part = **C. nitidula** subsp. **nitidula**
- longifolia** (Eckl. & Zeyh.) Weim.
C. strobilifera L. var. *longifolia* Eckl. & Zeyh. (2)
Perennial. Shrub. Ht 1–3 m. Alt 5–61 m. WC
- marginata** Eckl. & Zeyh.
Perennial. Shrub. Ht 0.3–0.6 m. Alt 27–40 m. WC
- meyeriana* C.Presl = **C. dregeana** var. **meyeriana**
- micrantha** Weim.
Perennial. Shrub. Ht 0.3–1.5 m. Alt 549–1250 m. WC
- mirabilis** Weim.
Perennial. Dwarf shrub. Ht 0.2–1 m. Alt 915–1220 m.
WC
- monophylla** Weim.
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 153–305
m. WC
- montana** Weim.
Perennial. Shrub. Ht 0.6–1.5 m. Alt 1281–1830 m.
WC
- multiformis** Weim.
Perennial. Shrub. Ht? Alt 32–1983 m. WC
- natalensis* J.M. Wood = **C. repens**
- neglecta** Schltr.
Perennial. Shrub. Ht 0.2–1.2 m. Alt 567–2100 m. WC,
EC
- nitidula** (Engl.) R.E.Fr. & T.C.E.Fr. subsp. **nitidula**
C. linearifolia Eckl. & Zeyh. var. *nitidula* Engl. in part (2)
C. tychonis Weim. (2)
Perennial. Shrub. Ht up to 3 m. Alt up to 1189 m.
KZN, EC
- nitidula** (Engl.) R.E.Fr. & T.C.E.Fr. subsp. **pilosa**
Weim.
Perennial. Shrub. Ht 0.3–5 m. Alt 152–2669 m. LIM,
G, M, FS, KZN, L, WC, EC
- nivenioides** Fellingham
Perennial. Shrub. Ht up to 0.6 m. Alt up to 1739 m.
WC
- obcordata** L.f.
C. obliqua Spreng. (2)
Perennial. Shrub. Ht 0.6–1.2 m. Alt 6–305 m. Alt WC
- obliqua* Spreng. = **C. obcordata**
- obovata** E.Mey.
C. serpyllifolia Cham. & Schldtl. var. *obovata* Kuntze (2)
Monographidium obcordatum (L.f.) C.Presl (2)
Perennial. Shrub. Ht up to 0.6 m. Alt 259–915 m. WC
- octandra* Cham. = **C. filicaulis** var. **octandra**
- odorata** L.f.
C. alnifolia Rchb. (2)
C. odorata L.f. var. *vera* Harv. (2)
Perennial. Shrub. Ht 0.9–2 m. Alt 30–795 m. WC, EC
- odorata* L.f. var. *hypoleuca* Harv. = **C. hirsuta**
odorata L.f. var. *reticulata* Harv. = **C. reticulata**
odorata L.f. var. *vera* Harv. = **C. odorata**
- odorata** L.f. × **C. theodori-friesii** Weim.
Perennial. Shrub. Ht? Alt up to 1068 m. WC

- ovalis** Weim.
Perennial. Shrub. Ht up to 0.5 m. Alt 1220–1373 m. WC
- paucistaminea** Weim.
C. galpinii N.E.Br. in part (2)
C. juniperina L.f. var. *brevifolia* Harv. (2)
C. juniperina L.f. var. *foliis-brevioribus* Eckl. & Zeyh. (2)
Perennial. Shrub. Ht 0.6–2 m. Alt 175–2044 m. G, FS, KZN, L, WC, EC
- pedunculata** Schltr.
Perennial. Shrub. Ht 0.3–0.8 m. Alt 92–1525 m. WC
- phillipsii** Weim.
Perennial. Shrub. Ht 1.8–3 m. Alt up to 397 m. WC
- phylicoides* Eckl. & Zeyh. = ***C. eriocephalina***
- phyllanthoides** Schltr.
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt up to 92 m. WC
- pilifera** Bolus
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 366–915 m. WC
- polita** Weim.
Perennial. Shrub. Ht 0.2–0.6 m. Alt 549–1280 m. WC, EC
- polycephala* E.Mey. = ***C. sericea***
- polygonifolia** L. var. ***membranifolia*** Weim.
Perennial. Shrub. Ht up to 1.5 m. Alt up to 1220 m. WC
- polygonifolia** L. var. ***polygonifolia***
C. polygonifolia L. var. *ternata* (L.f.) Harv. (2)
C. ternata L.f. (2)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 46–763 m. WC
- polygonifolia** L. var. ***pubescens*** Weim.
Perennial. Shrub. Ht up to 1.5 m. Alt 46–458 m. WC
- polygonifolia* L. var. *ternata* (L.f.) Harv. = ***C. polygonifolia*** var. ***polygonifolia***
- polygonifolia** L. var. ***trifoliata*** (L.) Harv.
C. trifoliata L. (2)
Perennial. Shrub. Ht 0.6–1.8 m. Alt 55–1525 m. WC
- polygonifolia** L. × ***C. sericea*** Eckl. & Zeyh.
Perennial. Shrub. Ht up to 1.5 m. Alt up to 610 m. WC
- polyphylla* Eckl. & Zeyh. = ***C. serpyllifolia***
- propinqua** Eckl. & Zeyh.
C. serpyllifolia Cham. & Schltld. var. *chamissonis* Harv. in part (2)
C. serpyllifolia Cham. & Schltld. var. *foliis-latoribus* Eckl. & Zeyh. (2)
C. serpyllifolia Cham. & Schltld. var. *penninervis* Harv. in part (2)
Perennial. Dwarf shrub. Ht 0.6–1.8 m. Alt 305–1220 m. WC
- propinqua* Eckl. & Zeyh. var. *chamissonis* (Harv.) Weim. = ***C. complanata***
- pterocarpa** (Harv.) Weim.
C. juniperina L.f. var. *pterocarpa* Harv. (2)
C. loricata E.Mey. var. *longifolia* Meisn. (2)
Perennial. Shrub. Ht 0.3–1 m. Alt 30–671 m. WC
- pulchella** L.f. var. ***mucronulata*** Weim.
Perennial. Shrub. Ht up to 0.5 m. Alt up to 458 m. WC
- pulchella** L.f. var. ***pulchella***
Perennial. Shrub. Ht 0.2–1.5 m. Alt 700–1159 m. WC
- pungens** C.Presl
C. teretifolia E.Mey., not of L.f. (2)
Perennial. Shrub. Ht 0.3–0.9 m. Alt 1300–1525 m. WC
- ramosissima** Schltr.
C. galpinii N.E.Br. in part (2)
Perennial. Shrub. Ht 0.4–1.8 m. Alt 46–2044 m. LIM, M, FS, L, WC, EC
- repens** Schltr.
C. juniperina L.f. var. *serrulata* Engl. (2)
C. natalensis J.M.Wood (2)
Perennial. Shrub. Ht 0.5–2 m. Alt 305–2227 m. LIM, M, S, KZN, WC, EC
- reticulata** Eckl. & Zeyh.
C. odorata L.f. var. *reticulata* Harv. (2)
Perennial. Shrub. Ht? Alt? WC
- rigida** Weim.
Perennial. Shrub. Ht? Alt up to 610 m. WC
- robusta** Weim.
Perennial. Shrub. Ht 0.2–1.2 m. Alt 1900–2013 m. WC
- rogersii* Burt Davy = ***C. strobilifera***
- rubricaulis* C.Presl = ***C. ilicifolia*** var. ***ilicifolia***
- ruscifolia** L. var. ***purpurea*** Weim.
Perennial. Shrub. Ht 0.5–1.2 m. Alt? WC
- ruscifolia** L. var. ***ruscifolia***
C. arachnoidea Lodd. (2)
Perennial. Shrub. Ht 0.3–2 m. Alt 6–1373 m. NC, WC, EC
- ruscifolia* L. var. *tridentata* (Willd.) Harv. = ***C. ruscifolia*** × ***C. theodori-friesii***
- ruscifolia** L. × ***C. theodori-friesii*** Weim.
C. ruscifolia L. var. *tridentata* (Willd.) Harv. (2)
C. tridentata Willd. (2)
Perennial. Shrub. Ht? Alt 488–1068 m. WC
- sarmentosa* L. = ***C. hirta***
- semiteres** Weim.
Perennial. Shrub. Ht up to 0.6 m. Alt up to 1600 m. WC
- sericea** Eckl. & Zeyh.
C. polycephala E.Mey. (2)
Perennial. Shrub. Ht up to 0.6 m. Alt 122–1403 m. WC
- serpyllifolia** Cham. & Schltld.
C. polyphylla Eckl. & Zeyh. (2)
C. serpyllifolia Cham. & Schltld. var. *angustifolia* Drège (2)
C. serpyllifolia Cham. & Schltld. var. *foliis-angustioribus* Eckl. & Zeyh. (2)
C. serpyllifolia Cham. & Schltld. var. *polyphylla* (Eckl. & Zeyh.) Harv. (2)
C. serpyllina Drège (2)
Perennial. Shrub. Ht 0.6–4 m. Alt 44–2000 m. LIM, M, S, FS, KZN, L, NC, WC, EC
- serpyllifolia* Cham. & Schltld. var. *angustifolia* Drège = ***C. serpyllifolia***
- serpyllifolia* Cham. & Schltld. var. *chamissonis* Harv. in part = ***C. complanata***
- serpyllifolia* Cham. & Schltld. var. *chamissonis* Harv. in part = ***C. propinqua***
- serpyllifolia* Cham. & Schltld. var. *foliis-angustioribus* Eckl. & Zeyh. = ***C. serpyllifolia***
- serpyllifolia* Cham. & Schltld. var. *foliis-latoribus* Eckl. & Zeyh. = ***C. propinqua***
- serpyllifolia* Cham. & Schltld. var. *obovata* Kuntze = ***C. obovata***

- serpyllifolia* Cham. & Schltld. var. *penninervis* Harv. in part = **C. complanata**
- serpyllifolia* Cham. & Schltld. var. *penninervis* Harv. in part = **C. propinqua**
- serpyllifolia* Cham. & Schltld. var. *polyphylla* (Eckl. & Zeyh.) Harv. = **C. serpyllifolia**
- serpyllina* Drège = **C. serpyllifolia**
- serrata* Thunb. = **C. ferruginea**
- setifolia** Weim.
Perennial. Shrub. Ht 0.2–1.5 m. Alt 1800–2300 m. WC
- spathulata** Weim.
Perennial. Shrub. Ht 0.3–0.9 m. Alt 1830–2745 m. KZN
- stricta** Weim.
Perennial. Shrub. Ht 0.5–1.5 m. Alt 20–1525 m. WC, EC
- strigosa** Weim.
Perennial. Shrub. Ht up to 1 m. Alt 915–1220 m. WC
- strobilifera** L.
C. conoides Sparrm. (2)
C. rogersii Burt Davy (2)
Perennial. Shrub. Ht 1.5–15 m. Alt 6–1980 m. LIM, M, S, KZN, WC, EC
- strobilifera* L. var. *longifolia* Eckl. & Zeyh. = **C. longifolia**
- subdura** Weim.
Perennial. Shrub. Ht up to 1 m. Alt? WC
- subsetacea** (Eckl. & Zeyh.) Diels ex Bolus & Wolley-Dod
C. filifolia L.f. var. *subsetacea* Eckl. & Zeyh. (2)
Perennial. Shrub. Ht 0.5–2 m. Alt 70–1067 m. WC
- tenuis** Weim.
Perennial. Shrub. Ht 0.3–1 m. Alt 15–92 m. WC
- teretifolia* E.Mey., not of L.f. = **C. pungens**
- teretifolia** L.f.
C. teretifolia L.f. var. *alata* Compton (2)
C. teretifolia L.f. var. *tenuior* E.Mey. (2)
Perennial. Shrub. Ht 0.6–1.8 m. Alt 61–1068 m. NC, WC
- teretifolia* L.f. var. *alata* Compton = **C. teretifolia**
- teretifolia* L.f. var. *tenuior* E.Mey. = **C. teretifolia**
- ternata* L.f. = **C. polygonifolia** var. **polygonifolia**
- theodori-friesii** Weim. var. **puberula** Weim.
Perennial. Shrub. Ht up to 1 m. Alt up to 1300 m. WC
- theodori-friesii** Weim. var. **theodori-friesii**
Perennial. Shrub. Ht up to 1 m. Alt 610–915 m. WC
- tricuspidata** Harv.
C. filicaulis E.Mey., not of Schltld. (2)
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 610–1678 m. WC
- tridentata* Willd. = **C. ruscifolia** × **C. theodori-friesii**
- trifida* Thunb. = **C. dentata**
- trifoliata* L. = **C. polygonifolia** var. **trifoliata**
- triloba** Harv.
C. dentata Eckl. & Zeyh., not of Willd. (2)
Perennial. Shrub. Ht up to 0.3 m. Alt 765–1930 m. WC
- tuberculata** (Harv.) Weim. var. **muricata** (Harv.) Weim.
C. juniperina L.f. var. *muricata* Harv. in part (2)
C. laricina E.Mey. var. *brevior* Drège (2)
Perennial. Shrub. Ht up to 1 m. Alt? WC
- tuberculata** (Harv.) Weim. var. **tuberculata**
C. juniperina L.f. var. *tuberculata* Harv. (2)
C. laricina E.Mey. in part (2)
Perennial. Shrub. Ht 0.3–2 m. Alt 458–2200 m. WC, EC
- tychonis* Weim. = **C. nitidula** subsp. **nitidula**
- uncinata** Weim. var. **recta** Weim.
Perennial. Shrub. Ht? Alt up to 500 m. WC
- uncinata** Weim. var. **uncinata**
Perennial. Shrub. Ht? Alt 793–1678 m. WC
- varians** Weim.
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt? WC
- verrucosa** Weim.
Perennial. Dwarf shrub. Ht? Alt up to 1100 m. WC
- virgata** Weim.
C. cordifolia E.Mey., not of Lam. (2)
Perennial. Shrub. Ht? Alt 305–1068 m. WC
- viridis** Weim.
Perennial. Shrub. Ht? Alt up to 900 m. WC
- *COTONEASTER** Medik. 3333000
(1) Bailey & Bailey. 1977. *Hortus third*: 322–324.
(2) Fryer & Hylmö. 1995. *European garden flora* 4: 426–437.
- franchetii** Boiss.
Perennial. Shrub. Ht 1.5–6 m. Alt 1200–2000 m. M, FS
- pannosus** Franch.
Perennial. Shrub. Ht 2–3 m. Alt 1200–2150 m. G, FS, KZN, EC
- pyracantha* (L.) Spach = **Pyracantha coccinea**
- *CRATAEGUS** L. 3345010
(1) Bailey & Bailey. 1977. *Hortus third*: 329–332.
(2) Knees & Warwick. 1995. *European garden flora* 4: 439–446.
- ×**lavalleyi** Hérincq
Perennial. Tree, shrub. Ht 1.5–7 m. Alt 1550–1650 m. FS
- monogyna** Jacq.
Perennial. Tree, shrub. Ht 2–10 m. Alt 1200–1550 m. FS, EC
- *CYDONIA** Mill. 3336000
(1) Bailey & Bailey. 1977. *Hortus third*: 352.
(2) Nelson. 1995. *European garden flora* 4: 404.
- oblonga** Mill.
Perennial. Tree, shrub. Ht 1.5–6 m. Alt 1450–1550 m. FS
- *DUCHESNEA** Sm. 3355000
(1) Valentine. 1968. *Flora europaea*. 2: 48.
(2) Bailey & Bailey. 1977. *Hortus third*: 484.
(3) Green. 1995. *European garden flora* 4: 398, 399.
- indica** (Andrews) Focke
Fragaria indica Andrews (2)
Perennial. Herb, stoloniferous. Ht 0.05–0.2 m. Alt 550–2150 m. G, M, KZN, EC
- *FRAGARIA** L. 3354000
(1) Tutin. 1968. *Flora europaea* 2: 47, 48.
(2) Bailey & Bailey. 1977. *Hortus third*: 484.
(3) Leslie. 1995. *European garden flora* 4: 397, 398.

indica Andrews = **Duchesnea indica**

vesca L.

Perennial. Herb, stoloniferous. Ht 0.1–0.2 m. Alt 450–1600 m. LIM, M, WC, EC

GEUM L. 3365000

- (1) Harvey. 1862. *FC* 2: 285–305.
- (2) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No. 39: 183.

capense Thunb.

Perennial. Herb. Ht 0.13–0.5 m. Alt 765–3290 m. M, FS, KZN, L, EC

LEUCOSIDEA Eckl. & Zeyh. 3379000

- (1) Harvey. 1862. *FC* 2: 285–305.
- (2) Killick. 1969. *The Flowering Plants of Africa* 40: t. 1566.
- (3) Pooley. 1993. *The complete field guide to the trees of Natal, Zululand and Transkei*: 116, 117.

sericea Eckl. & Zeyh.

Perennial. Shrub. Ht 2–7 m. Alt 900–2700 m. LIM, NW, G, M, FS, KZN, L, EC

MONOGRAPHIDIUM C.Presl 3388010

obcordatum (L.f.) C.Presl = **Cliffortia obovata**

PERSICA Mill. 3396010

vulgaris Mill. = **Prunus persica** var. **persica**

POTENTILLA L. 3356000

- (1) Harvey. 1862. *FC* 2: 288, 289.
- (2) Friedrich-Holzhammer. 1968. *FSWA* 55: 1.

gariensis E.Mey. ex Harv. = **P. supina**

supina L.

P. gariensis E.Mey. ex Harv. (2)
Perennial. Herb. Ht 0.1–0.3 m. Alt 1160–1524 m. N, NW, G, FS, KZN, NC

POTERIUM L. 3382000

polygamum Waldst. & Kit. = **Sanguisorba minor** subsp. **muricata**

PRUNUS L. 3396000

- (1) Steyermark. 1963. *Flora of Missouri*: 856–864.
- (2) Kalkman. 1965. *Blumea* 13: 1–115.
- (3) Webb. 1968. *Flora europaea* 2: 77–80.
- (4) Bailey. 1977. *Hortus third*: 918–921.
- (5) Alexander *et al.* 1995. *European garden flora* 4: 447–461.

africana (Hook.f.) Kalkman

Pygeum africanum Hook.f. (2)
Perennial. Tree. Ht 3–40 m. Alt 150–2400 m. LIM, NW, G, M, S, FS, KZN, L, EC

***persica** (L.) Batsch var. **persica**

Persica vulgaris Mill. (3)
Perennial. Tree. Ht 2–8 m. Alt 550–1750 m. M, FS, KZN

***serotina** Ehrh.

Perennial. Tree, shrub. Ht 1–35 m. Alt 1400–1550 m. G

PYGEUM Gaertn. 3393000

africanum Hook.f. = **Prunus africana**

***PYRACANTHA** M.Roem. 3333010

- (1) Ball. 1968. *Flora europaea* 2: 73.
- (2) Bailey & Bailey. 1977. *Hortus third*: 930.
- (3) Knees. 1995. *European garden flora* 4: 438, 439.

angustifolia (Franch.) C.K.Schneid.

Perennial. Shrub. Ht 1.5–3 m. Alt 1250–1700 m. G, FS, KZN, EC

coccinea M.Roem.

Cotoneaster pyracantha (L.) Spach (1)
P. pauciflora André (2)
Perennial. Shrub. Ht 1–2 m. Alt 1400–1550 m. G, FS

crenulata (D.Don) M.Roem.

Perennial. Shrub. Ht 1–3 m. Alt 1350–1850 m. LIM, FS

pauciflora André = **P. coccinea**

***PYRUS** L. 3338000

- (1) Bailey & Bailey. 1977. *Hortus third*: 931, 932.
- (2) Knees. 1995. *European garden flora* 4: 406–408.

communis L.

Perennial. Tree. Ht 5–20 m. Alt 250–350 m. WC

***ROSA** L. 3389000

- (1) Klásteršký. 1968. *Flora europaea* 2: 25–33.
- (2) Bailey & Bailey. 1977. *Hortus third*: 974–978.
- (3) Matthews. 1995. *European garden flora* 4: 358–378.
- (4) Turland. 1996. *Taxon* 45: 565, 566.

eglanteria L., rejected name = **R. rubiginosa**

gigantea Collett ex Crép. = **R. ×odorata**

×odorata Sweet

R. gigantea Collett ex Crép. (2)
Perennial. Scrambler. Ht 1–1.5 m. Alt 600–1950 m. KZN, EC

rubiginosa L.

R. eglanteria L., rejected name (4)
Perennial. Shrub, scrambler. Ht 1–3 m. Alt 850–2000 m. NW, M, FS, KZN, L, WC, EC

RUBUS L. 3353000

- (1) Harvey. 1862. *FC* 2: 286–288.
- (2) Suessenguth. 1950. *Mitteilungen der Botanischen Staatssammlung München* 2: 54.
- (3) Steyermark. 1963. *Flora of Missouri*: 834–843.
- (4) Heslop-Harrison. 1968. *Flora europaea*. 2: 7–32.
- (5) Bailey & Bailey. 1977. *Hortus third*: 984–986.
- (6) Stirton. 1981. *Bothalia* 13: 333–337.
- (7) Stirton. 1984. *Bothalia* 15: 101–106.
- (8) Spies & Du Plessis. 1985. *Bothalia* 15: 591–596.
- (9) Spies *et al.* 1987. *Bothalia* 17: 105–109.

***affinis** Wight & Arn. (insufficiently known) (3)

albescens Roxb. = **R. niveus**

apetalus Poir. var. **apetalus**

Perennial. Shrub, scrambler. Ht 0.5–2 m. Alt 3–1730 m. B, LIM, NW, M, S, KZN, WC, EC

baileyanus Britton = **R. flagellaris**

bergii Eckl. & Zeyh. = **R. fruticosus**

***cuneifolius** Pursh

Perennial. Shrub. Ht 0.5–4 m. Alt 20–1800 m. LIM, G, M, FS, KZN, WC, EC

discolor E.Mey. = **R. rigidus**

flagellaris Willd.

R. baileyanus Britton (3)
R. flagellaris Willd. var. *occidualis* Bailey (3)
R. flagellaris Willd. var. *rosea-plenus* E.J.Palmer & Steyermark. (3)
Perennial. Shrub. Ht? Alt? M

flagellaris Willd. var. *occidualis* Bailey = **R. flagellaris**

flagellaris Willd. var. *rosea-plenus* E.J.Palmer & Steyermark. = **R. flagellaris**

fruticosus Eckl. & Zeyh. = **R. fruticosus**

fruticosus L.

R. bergii Eckl. & Zeyh. (1)

R. fruticosus Eckl. & Zeyh. (1)

Perennial. Shrub. Ht 0.6–2 m. Alt 15–1850 m. LIM, S, FS, KZN, WC, EC

immixtus Gust.

Perennial. Shrub. Ht 0.7–2 m. Alt 800–1799 m. M, S, KZN, EC

intercurrents Gust.

Perennial. Shrub. Ht? Alt? EC

longepedicellatus (Gust.) C.H.Stirt.

R. rigidus Sm. var. *longepedicellatus* Gust. (7)

Perennial. Shrub, scrambler. Ht 1–4 m. Alt 915–1800 m. LIM, M, KZN

ludwigii Eckl. & Zeyh. subsp. **ludwigii**

R. rhodacantha E.Mey. (7)

Perennial. Shrub. Ht 0.5–1.5 m. Alt 200–2440 m. LIM, M, S, FS, KZN, NC, WC, EC

ludwigii Eckl. & Zeyh. subsp. **spatiosus** C.H.Stirt.

Perennial. Shrub. Ht 0.5–1 m. Alt 1150–2200 m. M, KZN

mundtii Cham. & Schltldl. = **R. rigidus**

***niveus** Thunb.

R. albescens Roxb. (4)

Perennial. Shrub. Ht 0.7–2 m. Alt 1150–1524 m. LIM, M, S, EC

pappei Eckl. & Zeyh. = **R. pinnatus**

pascuus Bailey

Perennial. Shrub. Ht 0.6–2.5 m. Alt 1000–1555 m. LIM, G, M, S

***phoenicolacius** Maxim.

Perennial. Shrub. Ht up to 0.5 m. Alt 1113–1200 m. KZN, EC

pinnatus Willd.

R. pappei Eckl. & Zeyh. (1)

Perennial. Shrub, scrambler. Ht 1.5–6 m. Alt 5–1950 m. LIM, M, S, KZN, L, WC, EC

rhodacantha E.Mey. = **R. ludwigii** subsp. **ludwigii**

×proteus C.H.Stirt.

Perennial. Shrub. Ht 0.6–2 m. Alt 1000–3355 m. LIM, G, M, S, KZN, WC

rigidus Sm.

R. discolor E.Mey. (1)

R. mundtii Cham. & Schltldl. (1)

Perennial. Shrub. Ht 0.5–3.5 m. Alt 1–2200 m. N, B, LIM, NW, G, M, FS, KZN, L, WC, EC

rigidus Sm. var. *longepedicellatus* Gust. = **R. longepedicellatus**

rigidus Sm. × **R. cuneifolius** Pursh

Perennial. Shrub. Ht? Alt? KZN

***rosifolius** Sm.

Perennial. Shrub. Ht up to 1.5 m. Alt 91–823 m. NW, M, S, KZN, WC

transvaaliensis Gust. var. **transvaaliensis**

Perennial. Shrub, scrambler. Ht? Alt? M

transvaaliensis Gust. × **R. longepedicellatus** (Gust.) C.H.Stirt.

Perennial. Shrub. Ht? Alt? M

***trifoliolatus** Suess.

Perennial. Shrub. Ht? Alt? WC

SANGUISORBA L.

3381000

(1) Proctor & Nordborg. 1968. *Flora europaea* 2: 33, 34.

(2) Bailey & Bailey. 1977. *Hortus third*: 1002.

(3) Purohit & Panigrahi. 1984. *Blumea* 30: 51–68.

(4) Cullen. 1995. *European garden flora* 4: 379, 380.

minor Scop. subsp. **muricata** Briq.

Poterium polygamum Waldst. & Kit. (1)

S. muricata (Spach) Gremlil (1)

S. rhodopaea (Velen.) Hayek (1)

Perennial. Herb. Ht 0.2–0.4 m. Alt 900–1800 m. G, M, FS, EC

muricata (Spach) Gremlil = **S. minor** subsp. **muricata**

rhodopaea (Velen.) Hayek = **S. minor** subsp. **muricata**

RUBIACEAE

Compiled by E. Retief

ADINA Salisb.

8226010

galpinii Oliv. = **Breonadia salicina**

microcephala (Delile) Hiern = **Breonadia salicina**

AGATHISANTHEMUM Klotzsch 8136140

(1) Bremekamp. 1952. *Verhandelingen der Koninklijke Nederlandse Akademie van Wetenschappen, afdeling Natuurkunde* 48: 152–163.

(2) Verdcourt. 1976. *FTEA Rubiaceae*: 254–258.

(3) Verdcourt. 1989. *FZ* 5,1: 107–111.

(4) Retief & Herman. 1997. *Strelitzia* 6: 578.

bojeri Klotzsch subsp. *australe* Bremek. var. *australe* = **A. bojeri** subsp. **bojeri**

bojeri Klotzsch subsp. **bojeri**

A. bojeri Klotzsch subsp. *australe* Bremek. var. *australe* (2)

Oldenlandia bojeri (Klotzsch) Hiern (2)

Perennial. Shrub, herb. Ht 0.25–1.5 m. Alt 10–2055 m. N, LIM, NW, G, M, S, KZN

chlorophyllum (Hochst.) Bremek. var. **chlorophyllum**

Hedyotis chlorophylla Hochst. (1)

Oldenlandia chlorophylla (Hochst.) Kuntze (1)

Perennial. Herb. Ht 0.16–0.45 m. Alt 90–915 m. KZN

chlorophyllum (Hochst.) Bremek. var. **pubescens** Bremek. (insufficiently known)

Perennial. Herb. Ht? Alt? KZN

ALBERTA E.Mey.

8343000

(1) Henderson. 1952. *The Flowering Plants of Africa* 29: t. 1125.

(2) Puff *et al.* 1984. *Bulletin du Jardin Botanique National de Belgique* 54: 293–366.

(3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1074.

magna E.Mey.

Perennial. Tree. Ht 5–10 m. Alt 200–1005 m. KZN, EC

- AMBRARIA** Cruse 8439010
acerosa Sond. in part = **Nenax acerosa** subsp. **acerosa**
acerosa Sond. in part = **Nenax divaricata**
glabra Cruse = **Nenax acerosa** subsp. **acerosa**
glabra Cruse var. *papillata* Sond. = **Nenax acerosa** subsp. **acerosa**
glabra Cruse var. *tulbaghica* Sond. = **Nenax acerosa** subsp. **acerosa**
hirta Cruse = **Nenax hirta** subsp. **hirta**
hirta Cruse var. *macrocarpa* Eckl. & Zeyh. = **Nenax acerosa** subsp. **macrocarpa**
microphylla Sond. = **Nenax microphylla**
- AMPHIASMA** Bremek. 8136170
 (1) Bremekamp. 1952. *Verhandelingen der Koninklijke Nederlandse Akademie van Wetenschappen, afdeling Natuurkunde* 48: 168–175.
 (2) Merxmüller. 1966. *FSWA* 115: 5, 6.
- benguellense** (Hiern) Bremek.
Oldenlandia benguellensis Hiern (2)
 Perennial. Shrub. Ht 0.6–1.5 m. Alt ± 1163 m. N
- divaricatum** (Engl.) Bremek.
Oldenlandia divaricata Engl. (2)
Oldenlandia trichotoma Schinz (2)
 Perennial. Dwarf shrub. Ht 0.4–0.8 m. Alt 520–1000 m. N
- merenskyanum** Bremek.
Oldenlandia merenskyana Dinter ex Bremek. (2)
 Perennial. Shrub. Ht 0.8–2 m. Alt 490–1150 m. N
- ANCYLANTHOS** Desf. 8360000
 (1) Robyns. 1928. *Bulletin du Jardin Botanique de l'Etat, à Bruxelles* 11: 324–329.
 (2) Bridson. 1998. *FZ* 5,2: 236–238.
- bainessii* Hiern = **A. rubiginosus**
monteiroi Oliv. = **Lagynias monteiroi**
- rubiginosus** Desf.
A. bainessii Hiern (2)
 Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt ± 1000 m. N, B
- ANTHOSPERMUM** L. 8438000
 (1) Puff. 1986. *FSA* 31,1,2: 8–36.
 (2) Puff. 1989. *FZ* 5,1: 150–158.
 (3) Retief & Herman. 1997. *Strelitzia* 6: 578, 579.
 (4) Goldblatt & Manning. 2000. *Strelitzia* 9: 617.
- aethiopicum** L.
A. aethiopicum L. var. *ternifolium* Cruse (1)
 Perennial. Shrub. Ht 0.6–2 m. Alt 10–2315 m. NW, M, L, WC, EC
- aethiopicum* L. var. *ciliare* (L.) Kuntze = **A. galioides** subsp. **galioides**
- aethiopicum* L. var. *ecklonianum* Cruse = **A. spathulatum** subsp. **ecklonianum**
- aethiopicum* L. var. *montanum* Sond. = **A. spathulatum** subsp. **spathulatum**
- aethiopicum* L. var. *oppositifolium* Cruse = **A. spathulatum** subsp. **spathulatum**
- aethiopicum* L. var. *reflexifolium* Kuntze = **A. galioides** subsp. **reflexifolium**
- aethiopicum* L. var. *ternifolium* Cruse = **A. aethiopicum**

- aethiopicum* L. var. *tulbaghense* Eckl. & Zeyh. = **A. spathulatum** subsp. **tulbaghense**
- aethiopicum* L. var. *uitenhagense* Eckl. & Zeyh. = **A. spathulatum** subsp. **uitenhagense**
- ambiguum* Greves = **A. littoreum**
- ammanioides* of author, not of S. Moore, concept invalid = **A. welwitschii**
- arenicolum* Greves = **A. hispidulum**
- basuticum** Puff
 Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 2300–3600 m. KZN, EC
- bergianum** Cruse
 Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 98–1765 m. WC
- bicornis** Puff
 Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 300–1700 m. WC
- burkei* Sond. = **A. hispidulum**
- calycophyllum* Sond. = **Otiophora calycophylla** subsp. **calycophylla**
- ciliare* L. var. *ciliare* = **A. galioides** subsp. **galioides**
- ciliare* L. var. *glabrifolium* Sond. = **A. galioides** subsp. **galioides**
- ciliare* L. var. *papillatum* Sond. = **A. galioides** subsp. **galioides**
- comptonii** Puff
 Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 1300–1800 m. WC, EC
- crocyllis* Sond. = **Gaillonia crocyllis**
- dregei** Sond. subsp. **dregei**
 Perennial. Dwarf shrub. Ht 0.1–3 m. Alt 60–2425 m. N, M, FS, KZN, L, NC
- dregei** Sond. subsp. **ecklonis** (Sond.) Puff
A. ecklonis Sond. (1)
 Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 100–500 m. WC
- ecklonis* Sond. = **A. dregei** subsp. **ecklonis**
- ericifolium** (Licht. ex Roem. & Schult.) Kuntze
A. lichtensteinii Cruse (1)
 Perennial. Dwarf shrub. Ht 0.25–0.4 m. Alt ± 197 m. WC
- ericoideum* K. Krause = **A. rigidum** subsp. **pumilum**
- esterhuysenianum** Puff var. **esterhuysenianum**
 Perennial. Dwarf shrub. Ht 0.12–0.3 m. Alt 1600–2000 m. WC
- esterhuysenianum** Puff var. **hirsutum** Puff
 Perennial. Dwarf shrub. Ht 0.12–0.3 m. Alt ± 1500 m. WC
- galioides** Rchb.f. subsp. **galioides**
A. aethiopicum L. var. *ciliare* (L.) Kuntze (1)
A. ciliare L. var. *ciliare* (1)
A. ciliare L. var. *glabrifolium* Sond. (1)
A. ciliare L. var. *papillatum* Sond. (1)
 Perennial. Dwarf shrub, erect, procumbent. Ht up to 0.3 m. Alt 30–1370 m. NC, WC, EC
- galioides** Rchb.f. subsp. **reflexifolium** (Kuntze) Puff
A. aethiopicum L. var. *reflexifolium* Kuntze (1)
 Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 130–1440 m. WC

galpinii Schltr.

Perennial. Shrub. Ht 0.6–2.5 m. Alt 305–2317 m.
KZN, EC

hedyotideum Sond. = **A. herbaceum**

herbaceum L.f.

A. hedyotideum Sond. (1)

A. lanceolatum Thunb. (1)

A. lanceolatum Thunb. var. *latifolium* Sond. (1)

Perennial. Herb. Ht 0.1–0.6 m. Alt 5–3110 m. LIM, M,
S, FS, KZN, L, NC, WC, EC

hirtum Cruse

Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 55–825 m.
WC

hispidulum E.Mey. ex Sond.

A. arenicolum Greves (1)

A. burkei Sond. (1)

A. rubricaule K.Schum. (1)

Perennial. Dwarf shrub. Ht 0.05–1 m. Alt 100–2940
m. LIM, NW, G, M, S, FS, KZN, L, EC

humile N.E.Br. = **A. rigidum** subsp. **pumilum**

lanceolatum Thunb. = **A. herbaceum**

lanceolatum Thunb. var. *latifolium* Sond. = **A. herba-**
ceum

lichtensteinii Cruse = **A. ericifolium**

littoreum L.Bolus

A. ambiguum Greves (1)

Perennial. Shrub. Ht 0.3–1.5 m. Alt 3–915 m. KZN,
EC

monticola Puff

Perennial. Shrub. Ht 0.5–2 m. Alt 1700–2500 m. FS,
KZN, L, EC

paniculatum Cruse

Perennial. Dwarf shrub. Ht 0.5–0.75 m. Alt 30–1669
m. WC, EC

prostratum Sond.

A. prostratum Sond. var. *glabrum* Sond. (1)

A. prostratum Sond. var. *velutinum* Sond. (1)

Perennial. Dwarf shrub. Ht 0.25–0.5 m. Alt 2–765 m.
WC, EC

prostratum Sond. var. *glabrum* Sond. = **A. prostratum**

prostratum Sond. var. *velutinum* Sond. = **A. prostratum**

pumilum Sond. subsp. *pumilum* = **A. rigidum** subsp.
pumilum

pumilum Sond. subsp. *rigidum* (Eckl. & Zeyh.) Puff =
A. rigidum subsp. **rigidum**

pumilum Sond. var. *pilosum* E.Phillips = **A. rigidum**
subsp. **pumilum**

rigidum Eckl. & Zeyh. subsp. **pumilum** (Sond.) Puff

A. ericoideum K.Krause (2)

A. humile N.E.Br. (2)

A. pumilum Sond. subsp. *pumilum* (2)

A. pumilum Sond. var. *pilosum* E.Phillips (2)

Perennial. Dwarf shrub. Ht 0.15–0.25 m. Alt 2–2336
m. B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

rigidum Eckl. & Zeyh. subsp. **rigidum**

A. pumilum Sond. subsp. *rigidum* (Eckl. & Zeyh.) Puff (2)

Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 130–2805
m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC,
EC

rubricaule K.Schum. = **A. hispidulum**

scabrum Thunb. = **Carpacoce scabra** subsp. **scabra**

spathulatum Spreng. subsp. **ecklonianum** (Cruse) Puff

A. aethiopicum L. var. *ecklonianum* Cruse (1)

Perennial. Shrub. Ht 1–2 m. Alt 640–1350 m. WC

spathulatum Spreng. subsp. **saxatile** Puff

Perennial. Dwarf shrub. Ht ± 0.25 m. Alt 1500–1920
m. NW, WC

spathulatum Spreng. subsp. **spathulatum**

A. aethiopicum L. var. *montanum* Sond. (1)

A. aethiopicum L. var. *oppositifolium* Cruse (1)

A. tricostatum Sond. (1)

Perennial. Shrub, dwarf shrub. Ht 0.5–1.5 m. Alt 8–
2438 m. N, FS, KZN, L, NC, WC, EC

spathulatum Spreng. subsp. **tulbaghense** Puff

A. aethiopicum L. var. *tulbaghense* Eckl. & Zeyh. (1)

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 61–500 m.
WC

spathulatum Spreng. subsp. **uitenhagense** Puff

A. aethiopicum L. var. *uitenhagense* Eckl. & Zeyh. (1)

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 122–750 m.
EC

spermacoceleum Rchb.f. = **Carpacoce spermacocea** subsp.
spermacocea

streyi Puff

Perennial. Dwarf shrub, procumbent. Length up to 0.4
m. Alt ± 100 m. KZN, EC

tricostatum Sond. = **A. spathulatum** subsp. **spathulatum**

welwitschii Hiern

A. ammanioides of author, not of S.Moore, concept invalid (1)

Perennial. Shrub. Ht 0.3–3 m. Alt 1450–1980 m. LIM,
M, S, KZN

BORRERIA G.Mey.

8473000

natalensis (Hochst.) S.Moore = **Spermacoce natalensis**

paludosa Hepper = **Spermacoce quadrisulcata**

quadrisulcata Bremek. = **Spermacoce quadrisulcata**

scabra of author, not of (Schumach. & Thonn.) K.Schum.
= **Spermacoce senensis**

squarrosa Schinz = **Spermacoce senensis**

BREONADIA Ridsdale

8226000

(1) Hepper & Wood. 1982. *Kew Bulletin* 36: 860.

(2) Retief & Herman. 1997. *Strelitzia* 6: 579.

(3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern
Africa*, edn 3: 1038, 1039.

microcephala (Delile) Ridsdale = **B. salicina**

salicina (Vahl) Hepper & J.R.I.Wood

Adina galpinii Oliv. (1)

Adina microcephala (Delile) Hiern (1)

B. microcephala (Delile) Ridsdale (1)

Perennial. Tree. Ht 5–20 m. Alt 20–1220 m. LIM, M,
S, KZN

BUNBURYA Meisn.

8308030

capensis Meisn. ex Hochst. = **Tricalysia capensis** var.
capensis

BURCHELLIA R.Br.

8281000

(1) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 145.

(2) Retief & Herman. 1997. *Strelitzia* 6: 579.

(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 617.

(4) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern
Africa*, edn 3: 1048.

bubalina (L.f.) Sims*B. capensis* R.Br. (1)*Lonicera bubalina* L.f. (1)

Perennial. Tree, shrub. Ht 2–5 m. Alt 5–1980 m. LIM, M, S, KZN, L, WC, EC

capensis R.Br. = **B. bubalina****CANTHIUM** Lam.

8352000

(1) Bridson. 1987. *Kew Bulletin* 42: 611–639.(2) Tilney & Kok. 1987. *South African Journal of Botany* 53: 98–102.(3) Verdcourt & Bridson. 1991. *FTEA Rubiaceae*: 861–885.(4) Bridson. 1992. *Kew Bulletin* 47: 353–401.(5) Retief & Herman. 1997. *Strelitzia* 6: 579, 580.(6) Bridson. 1998. *FZ* 5,2: 315–337.(7) Goldblatt & Manning. 2000. *Strelitzia* 9: 618.(8) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1086–1095.*burtii* in sense of F.White, not of Bullock, misapplied name = **C. pseudorandii****ciliatum** (Klotzsch) Kuntze*Plectronia ciliata* (Klotzsch) Sond. (4)

Perennial. Tree, shrub. Ht 1–2.5 m. Alt 90–2135 m. LIM, M, S, FS, KZN, L, NC, EC

frangula S.Moore = **C. glaucum** subsp. *frangula* var. *frangula***gilfillanii** (N.E.Br.) O.B.Mill.*Plectronia gilfillanii* N.E.Br. (4)

Perennial. Shrub. Ht 2–5 m. Alt 1500–2000 m. LIM, NW, G, M, S, KZN

glaucum Hiern subsp. *frangula* (S.Moore) Bridson var. *frangula**C. frangula* S.Moore (4)

Perennial. Shrub. Ht 1–3.5 m. Alt 700–1700 m. N, B

gueinzii Sond. = **Keetia gueinzii***huillense* Hiern = **Psydrax livida****inerme** (L.f.) Kuntze*C. ventosum* (L.) Kuntze (4)*Lycium inerme* L.f. (4)

Perennial. Tree, shrub. Ht 1–7 m. Alt 1080–2000 m. LIM, NW, G, M, S, KZN, WC, EC

kuntzeanum Bridson*C. pauciflorum* (Klotzsch ex Eckl. & Zeyh.) Kuntze (4)*Plectronia pauciflora* Klotzsch (4)

Perennial. Shrub. Ht 2–10 m. Alt 1500–1900 m. M, FS, KZN, WC, EC

lanciflorum Hiern = **Vangueriopsis lanciflora***lividum* Hiern = **Psydrax livida***locuples* (K.Schum.) Codd = **Psydrax locuples****mundianum** Cham. & Schltl.*Plectronia mundiana* (Cham. & Schltl.) Papp (4)

Perennial. Tree, shrub. Ht 2–6 m. Alt 460–1300 m. LIM, NW, G, M, S, KZN, WC, EC

obovatum Eckl. & Zeyh. = **Psydrax obovata** subsp. *obovata**obovatum* Eckl. & Zeyh. var. *pyrifolium* (Eckl. & Zeyh.) Sond. = **Psydrax obovata** subsp. *obovata**pauciflorum* (Klotzsch ex Eckl. & Zeyh.) Kuntze = **C. kuntzeanum****pseudorandii** Bridson*C. burtii* in sense of F.White, not of Bullock, misapplied name (4)

Perennial. Shrub. Ht ± 3 m. Alt ± 70 m. B

setiflorum Hiern subsp. *setiflorum*

Perennial. Shrub. Ht 1.4–4 m. Alt 17–70 m. LIM, M, S, KZN

spinosa (Klotzsch) Kuntze*Plectronia spinosa* Klotzsch (4)

Perennial. Shrub. Ht 1.5–4 m. Alt 30–700 m. B, S, KZN, EC

suberosum Codd

Perennial. Shrub. Ht 3–4 m. Alt 1300–2000 m. LIM, NW, G, S, KZN, EC

vanwykii Tilney & Kok

Perennial. Shrub. Ht 1.2–7 m. Alt 250–400 m. KZN, EC

ventosum (L.) Kuntze = **C. inerme***wildii* (Suess.) Codd = **Psydrax livida****CARPACOCE** Sond.

8443000

(1) Puff. 1986. *FSA* 31,1,2: 52–60.**burchellii** Puff

Perennial. Dwarf shrub. Ht ± 0.3 m. Alt 340–1145 m. WC

curvifolia Puff

Perennial. Herb. Ht ± 0.7 m. Alt 1400–1800 m. WC

gigantea Puff

Perennial. Shrub. Ht 0.7–0.9 m. Alt ± 200 m. WC

heteromorpha (H.Buek) L.Bolus*Merciera heteromorpha* H.Buek (1)

Perennial. Dwarf shrub. Ht ± 0.15 m. Alt 45–1220 m. WC

scabra (Thunb.) Sond. subsp. *rupestris* Puff

Perennial. Dwarf shrub, decumbent. Ht 0.1–0.25 m. Alt ± 1300 m. WC

scabra (Thunb.) Sond. subsp. *scabra**Anthospermum scabrum* Thunb. (1)

Perennial. Dwarf shrub. Ht 0.2–1.5 m. Alt 488–1220 m. NC, WC

spermacoea (Rchb.f.) Sond. subsp. *orientalis* Puff

Perennial. Herb. Ht 0.3–1 m. Alt 33–1300 m. WC

spermacoea (Rchb.f.) Sond. subsp. *spermacoea**Anthospermum spermacoeum* Rchb.f. (1)

Perennial. Herb. Ht 0.6–1 m. Alt 30–1300 m. WC, EC

vaginellata Salter

Perennial. Dwarf shrub. Ht 0.12–0.4 m. Alt 5–970 m. NC, WC, EC

CARPHALEA Juss.

8157000

(1) Verdcourt. 1974. *Kew Bulletin* 28: 423–428.(2) Verdcourt. 1989. *FZ* 5,1: 82–84.(3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1036.**pubescens** (Klotzsch) Verdc.*Dirichletia pubescens* Klotzsch (1)

Perennial. Shrub. Ht 0.9–4.5 m. Alt ± 915 m. B

CATUNAREGAM Wolf

8283100

(1) Verdcourt. 1981. *Kew Bulletin* 36: 502–506.(2) Retief & Herman. 1997. *Strelitzia* 6: 580.(3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1049, 1050.**obovata** (Hochst.) Gonç. in broad sense*Gardenia spinosa* Thunb. (3)*Randia kraussii* Harv. (3)*Xeromphis obovata* (Hochst.) Keay (3)

Perennial. Tree, shrub. Ht 1.3–5 m. Alt 15–915 m.
LIM, M, S, KZN
spinosa (Thunb.) Tirveng. subsp. *spinosa* = misapplied name (3)

CEPHALANTHUS L. 8230000

- (1) Oliver. 1881. *Hooker's Icones Plantarum* 14: t. 1331.
- (2) Retief & Herman. 1997. *Strelitzia* 6: 580.
- (3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1039, 1040.

natalensis Oliv.

Perennial. Shrub. Ht up to 8 m. Alt 885–2100 m. LIM, M, S, KZN

CHOMELIA Kuntze 8278020

junodii Schinz = **Tarenna junodii**

CODDIA Verdc. 8283110

- (1) Verdcourt. 1981. *Kew Bulletin* 36: 509–511.
- (2) Retief & Herman. 1997. *Strelitzia* 6: 580.
- (3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1050.

rudis (E.Mey. ex Harv.) Verdc.

Randia rudis E.Mey. ex Harv. (1)

Xeromphis rudis (E.Mey. ex Harv.) Codd (1)

Perennial. Shrub. Ht 0.4–3 m. Alt 15–1484 m. LIM, M, S, KZN, EC

COFFEA L. 8381000

- (1) Bridson. 1982. *Kew Bulletin* 36: 817–854.
- (2) Bridson & Verdcourt. 1988. *FTEA Rubiaceae*: 703–723.
- (3) Retief & Herman. 1997. *Strelitzia* 6: 580.
- (4) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1106–1109.

ibo A.Froehner = **C. zanguebariae**

racemosa Lour.

C. swynnertonii S.Moore (1)

Perennial. Tree, shrub. Ht 2–6 m. Alt 30–90 m. S, KZN

schumanniana Busse = **C. zanguebariae**

swynnertonii S.Moore = **C. racemosa**

zanguebariae Lour. (insufficiently known) (4)

C. ibo A.Froehner (1)

C. schumanniana Busse (1)

Perennial. Tree, shrub. Ht ± 3–5 m. Alt? LIM? KZN?

CONOSTOMIUM (Stapf) Cufod. 8136070

- (1) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 364.
- (2) Bremekamp. 1952. *Verhandelingen der Koninklijke Nederlandse Akademie van Wetenschappen, afdeling Natuurkunde* 48: 125–139.
- (3) Verdcourt. 1989. *FZ* 5,1: 101–103.
- (4) Retief & Herman. 1997. *Strelitzia* 6: 580.

natalense (Hochst.) Bremek. var. **glabrum** Bremek.

Perennial. Herb. Ht 0.3–1 m. Alt 15–2133 m. LIM, G, M, S, FS, KZN, EC

natalense (Hochst.) Bremek. var. **hirsuta** Baer = **C. natalense** var. **natalense**

natalense (Hochst.) Bremek. var. **natalense**

C. natalense (Hochst.) Bremek. var. *hirsuta* Baer (2)

Hedyotis natalensis Hochst. (2)

Oldenlandia natalensis (Hochst.) Kuntze (2)

Perennial. Herb. Ht 0.25–1 m. Alt 21–2000 m. LIM, M, S, KZN, EC

natalense (Hochst.) Bremek. var. **ovalifolium** Bremek. (insufficiently known) (2)

natalense (Hochst.) Bremek. var. **tomentellum** Bremek. (insufficiently known) (2)

zoutpansbergense (Bremek.) Bremek.

Oldenlandia zoutpansbergensis Bremek. (2)

Perennial. Herb. Ht 0.4–1 m. Alt ± 914–1000 m. LIM

COPTOSPERMA Hook.f. 8278030

- (1) Degreef *et al.* 2001. *Systematics and Geography of Plants* 71: 367–382.

littorale (Hiern) Degreef

Enterospermum littorale Hiern (1)

Tarenna littoralis (Hiern) Bridson (1)

Perennial. Tree, shrub. Ht 1–6 m. Alt 5–432 m. LIM, S, KZN

nigrescens Hook.f.

Tarenna nigrescens (Hook.f.) Hiern (1)

Perennial. Tree, shrub, climber. Ht 3–6 m. Alt? S

rhodesiacum (Bremek.) Degreef

Enterospermum rhodesiacum Bremek. (1)

Tarenna zimbabwensis Bridson (1)

Perennial. Tree, shrub. Ht 1.3–8 m. Alt 915–1650 m. LIM

supra-axillare (Hemsl.) Degreef

Stylocoryne barbertonensis Bremek. (1)

Tarenna barbertonensis (Bremek.) Bremek. (1)

Tarenna supra-axillaris (Hemsl.) Bremek. (1)

Tarenna supra-axillaris (Hemsl.) Bremek. subsp. *barbertonensis* (Bremek.) Bridson (1)

Perennial. Shrub. Ht 1–2.5 m. Alt 70–1518 m. LIM, M, S, KZN

zygoon (Bridson) Degreef

Tarenna zygoon Bridson (1)

Zygoon graveolens Hiern (1)

Perennial. Shrub. Ht 1–1.5 m. Alt 430–520 m. LIM

CROCYLLIS E.Mey. & Hook.f. 8449000

anthospermoides E.Mey. ex K.Schum. = **Gaillonia crocyllis**

CROSSOPTERYX Fenzl 8212000

- (1) Launert. 1966. *FSWA* 115: 10, 11.
- (2) Retief & Herman. 1997. *Strelitzia* 6: 581.
- (3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1038.

febrifuga (Afzel. ex G.Don) Benth.

C. kotschyana Fenzl (1)

Rondeletia febrifuga Afzel. ex G.Don (1)

Perennial. Tree. Ht 4–15 m. Alt 425–945 m. N, B, LIM

kotschyana Fenzl = **C. febrifuga**

DINOCANTHIUM Bremek. 8352020

hystrix Bremek. = **Pyrostria hystrix**

***DIODIA L.** 8471000

- (1) Hilliard & Burt. 1988. *Notes from the Royal Botanic Garden Edinburgh* 45: 86.
- (2) Verdcourt. 1989. *FZ* 5,1: 162–165.

dasycephala Cham. & Schldl.

Annual. Herb. Ht? Alt ± 400 m. EC

natalensis (Hochst.) J.G.García = **Spermacece natalensis**

DIPLOSPORA DC. 8308040

africana Sim = **Tricalysia africana**

DIRICHLETIA Klotzsch 8160000

pubescens Klotzsch = *Carphalea pubescens*

ENTEROSPERMUM Hiern 8279000

littorale Hiern = *Coptosperma littorale*

rhodesiacum Bremek. = *Coptosperma rhodesiacum*

ERIOSEMOPSIS Robyns 8351010

(1) Robyns. 1928. *Bulletin du Jardin Botanique de l'Etat, à Bruxelles* 11: 38–40.

subanisophylla Robyns

Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt ± 300 m. KZN, EC

FADOGIA Schweinf. 8359010

(1) Robyns. 1928. *Bulletin du Jardin Botanique de l'Etat, à Bruxelles* 11: 41–93.

(2) Hurter *et al.* 1972. *The Onderstepoort Journal of Veterinary Research* 39: 71–82.

(3) Verdcourt. 1981. *Kew Bulletin* 36: 515–532.

(4) Verdcourt & Bridson. 1991. *FTEA Rubiaceae*: 786–800.

(5) Retief & Herman. 1997. *Strelitzia* 6: 581.

(6) Bridson. 1998. *FZ* 5,2: 265–281.

fragrans Robyns = *F. homblei*

grandiflora Robyns = *F. tetraquetra* var. *grandiflora*

homblei De Wild.

F. fragrans Robyns (2)

F. monticola Robyns (3)

F. oleoides Robyns (2)

Perennial. Herb. Ht 0.3–1.2 m. Alt 580–1639 m. LIM, NW, G, M, S

humilis J.M.Wood & M.S.Evans = *Pygmaeothamnus chamaedendrum* var. *chamaedendrum*

monticola Robyns = *F. homblei*

mucronulata Robyns = *F. tetraquetra* var. *tetraquetra*

oleoides Robyns = *F. homblei*

tetraquetra K.Krause var. *grandiflora* (Robyns) Verdc. *F. grandiflora* Robyns (3)

Perennial. Herb. Ht 0.2–0.9 m. Alt 880–1548 m. LIM, M, S

tetraquetra K.Krause var. *tetraquetra*

F. mucronulata Robyns (3)

Perennial. Herb. Ht 0.25–0.75 m. Alt 762–1800 m. LIM, M, S

thamnus K.Schum.

Perennial. Dwarf shrub. Ht ± 0.75 m. Alt 340–500 m. N

FERETIA Delile 8299000

(1) Bridson. 1979. *Kew Bulletin* 34: 367–370.

(2) Bridson & Verdcourt. 1988. *FTEA Rubiaceae*: 696–698.

(3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1063.

aeruginescens Stapf

F. apodanthera Delile var. *australis* K.Schum. (1)

Perennial. Tree, shrub. Ht 1–6 m. Alt 379–915 m. N, B

apodanthera Delile var. *australis* K.Schum. = *F. aeruginescens*

GAILLONIA A.Rich. ex DC. 8469000

(1) Thulin. 1998. *Nordic Journal of Botany* 18: 31–38.

crocyllis (Sond.) Thulin

Anthospermum crocyllis Sond. (1)

Crocyllis anthospermoides E.Mey. ex K.Schum. (1)

Perennial. Herb. Ht 0.5–1.6 m. Alt 320–900 m. N, NC

GALIUM L. 8486000

(1) Ehrendorfer. 1976. *Flora europaea* 4: 14–36.

(2) Puff. 1986. *FSA* 31,1,2: 65–75.

(3) Puff. 1989. *FZ* 5,1: 195–201.

(4) Retief & Herman. 1997. *Strelitzia* 6: 581.

(5) Goldblatt & Manning. 2000. *Strelitzia* 9: 618, 619.

amatymbicum Eckl. & Zeyh.

Perennial. Herb. Ht up to 0.3 m. Alt 60–2100 m. EC

aparine of author, not of L., concept invalid = *G. spurium* subsp. *africanum*

asperum Thunb. = *G. tomentosum*

bredasdorpense Puff

Perennial. Herb, procumbent or decumbent. Ht ± 0.05 m. Alt 10–200 m. WC

capense Thunb. subsp. *capense*

G. capense Thunb. var. *expansum* (Thunb.) Sond. (2)

G. capense Thunb. var. *minus* Sond. (2)

Perennial. Herb. Ht 0.25–2 m. Alt 185–3100 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC

capense Thunb. subsp. *garipense* (Sond.) Puff

G. capense Thunb. subsp. *garipense* (Sond.) Puff var. *wittbergense* (Sond.) Puff (2)

G. garipense Sond. (2)

Perennial. Herb. Ht 0.15–0.5 m. Alt 60–2990 m. NW, G, M, S, FS, KZN, L, NC, EC

capense Thunb. subsp. *garipense* (Sond.) Puff var. *wittbergense* (Sond.) Puff = *G. capense* subsp. *garipense*

capense Thunb. subsp. *namaquense* (Eckl. & Zeyh.) Puff

G. capense Thunb. var. *scabrum* Sond. (2)

Perennial. Herb. Ht 0.4–1 m. Alt 600–1066 m. NC, WC

capense Thunb. var. *expansum* (Thunb.) Sond. = *G. capense* subsp. *capense*

capense Thunb. var. *minus* Sond. = *G. capense* subsp. *capense*

capense Thunb. var. *scabrum* Sond. = *G. capense* subsp. *namaquense*

dregeanum Sond. = *G. mucroniferum* var. *dregeanum*

garipense Sond. = *G. capense* subsp. *garipense*

glabrum of author, not of Thunb., concept invalid = *G. undulatum*

horridum Thunb. = *Rubia horrida*

monticolum Sond.

Perennial. Herb. Ht ± 1.3 m. Alt ± 500 m. WC

mucroniferum Sond. var. *dregeanum* (Sond.) Puff

G. dregeanum Sond. (2)

Perennial. Herb. Ht up to 0.55 m. Alt ± 915 m. L, WC, EC

mucroniferum Sond. var. *mucroniferum*

Perennial. Herb. Ht ± 1 m. Alt 305–1200 m. WC, EC

rotundifolium L. var. *hirsutum* Sond. = *G. thunbergianum* var. *hirsutum*

rotundifolium of author, not of L., concept invalid = *G. thunbergianum* var. *thunbergianum*

rourkei Puff

Perennial. Herb, procumbent. Ht up to 0.2 m. Alt ± 800 m. WC

scabrelloides Puff

Perennial. Herb. Ht 0.6–2 m. Alt 1700–2300 m. M, S, FS, KZN, EC

spurium-aporine complex

Perennial. Scrambler. Ht indefinite. Alt 5–2000 m. G, KZN, NC, WC

spurium L. subsp. **africanum** Verdc.

G. aparine of author, not of L., concept invalid (2)

Annual. Herb. Ht 0.4–3 m. Alt 5–2400 m. LIM, G, M, KZN, L, NC, WC, EC

subvillosum Sond. var. **subglabrum** Puff

Perennial. Herb, procumbent. Ht indefinite. Alt 1160–1500 m. WC

subvillosum Sond. var. **subvillosum**

Perennial. Herb, procumbent. Ht indefinite. Alt 610–2135 m. FS, KZN, L, WC

thunbergianum Eckl. & Zeyh. var. **hirsutum** (Sond.) Verdc.

G. rotundifolium L. var. *hirsutum* Sond. (2)

Perennial. Herb. Ht 0.25–0.3 m. Alt 1240–2200 m. M, S, FS, KZN, L, EC

thunbergianum Eckl. & Zeyh. var. **thunbergianum**

G. rotundifolium of author, not of L., concept invalid (2)

Perennial. Herb. Ht 0.15–1 m. Alt 680–2440 m. LIM, M, S, FS, KZN, L, WC, EC

tomentosum Thunb.

G. asperum Thunb. (2)

Perennial. Herb. Ht 1–2 m. Alt 5–2135 m. N, FS, KZN, NC, WC, EC

undulatum Puff

G. glabrum of author, not of Thunb., concept invalid (2)

Perennial. Herb. Ht indefinite. Alt 450–1500 m. WC

GALOPINA Thunb.

8435000

(1) Puff. 1986. *FSA* 31,1,2: 48–52.

(2) Verdcourt. 1989. *FZ* 5,1: 160–162.

(3) Retief & Herman. 1997. *Strelitzia* 6: 582.

(4) Goldblatt & Manning. 2000. *Strelitzia* 9: 619.

aspera (Eckl. & Zeyh.) Walp.

Oxyspermum asperum Eckl. & Zeyh. (1)

Perennial. Herb. Ht 0.55–1.5 m. Alt 15–1405 m. LIM, M, S, KZN, EC

circaeoides Thunb.

Perennial. Herb. Ht 0.3–0.9 m. Alt 15–2000 m. LIM, NW, G, M, S, FS, KZN, WC, EC

crocylioides Baer ex Schinz

Perennial. Herb. Ht 0.9–1 m. Alt 600–1525 m. S, KZN

hirsuta E.Mey. = **G. tomentosa****tomentosa** Hochst.

G. hirsuta E.Mey. (1)

Perennial. Herb. Ht 0.3–0.8 m. Alt 50–400 m. KZN, EC

GARDENIA J.Ellis

8285000

(1) Stapf & Hutchinson. 1909. *The Journal of the Linnean Society, Botany* 38: 417–428.

(2) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 14.

(3) Phillips. 1937. *The Flowering Plants of South Africa* 17: t. 657.

(4) Phillips. 1943. *The Flowering Plants of South Africa* 23: t. 918.

(5) Marais. 1956. *The Flowering Plants of Africa* 31: t. 1229.

(6) Marais. 1957. *The Flowering Plants of Africa* 32: t. 1241.

(7) Launert. 1966. *FSWA* 115: 12, 13.

(8) Verdcourt. 1979. *Kew Bulletin*. 34: 345–360.

(9) Glen. 1983. *The Flowering Plants of Africa* 47: t. 1863.

(10) Bridson & Verdcourt. 1988. *FTEA* Rubiaceae: 500–511.

(11) Retief & Herman. 1997. *Strelitzia* 6: 582.

(12) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1051–1056.

amoena Sims = **Hyperacanthus amoenus**

annae E.P.Wright var. **moramballae** Hiern = **Rothmannia fischeri** subsp. **moramballae**

brachythamnus (K.Schum.) Launert

Randia brachythamnus K.Schum. (7)

Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt ± 1000 m. N, B

cornuta Hemsf.

Perennial. Tree. Ht 3–5 m. Alt 30–305 m. LIM, G, M, S, KZN

gerrardiana Sond. = **Hyperacanthus amoenus****globosa** Hochst. = **Rothmannia globosa**

jovis-tonantis of author, not of (Welw.) Hiern = **G. ternifolia** subsp. **jovis-tonantis** var. **goetzei**

lutea Fresen.

G. thunbergia Engl. (1)

Perennial. Shrub. Ht 3–5 m. Alt 765–1065 m. N, B, LIM, KZN

neuberia Eckl. & Zeyh. = **Hyperacanthus amoenus****resiniflua** Hiern subsp. **resiniflua**

Perennial. Tree, shrub. Ht 2–5 m. Alt 275–915 m. N, B, LIM, M

rothmannia L.f. = **Rothmannia capensis**

saundersiae N.E.Br. = **G. volkensii** subsp. **volkensii** var. **saundersiae**

spatulifolia of author, not of Stapf & Hutch. = **G. volkensii** subsp. **volkensii** var. **volkensii**

spatulifolia Stapf & Hutch. = **G. volkensii** subsp. **spatulifolia**

spinosa Thunb. = **Catunaregam obovata**

ternifolia Schumach. & Thonn. subsp. **jovis-tonantis** (Welw.) Verdc. var. **goetzei** (Stapf & Hutch.) Verdc.

G. jovis-tonantis of author, not of (Welw.) Hiern (8)

Perennial. Tree, shrub. Ht 1.5–4 m. Alt 520–945 m. N, B, LIM

thunbergia Engl. = **G. lutea****thunbergia** L.f.

Perennial. Tree, shrub. Ht 3–7 m. Alt 5–1220 m. S, KZN, EC

volkensii K.Schum. subsp. **spatulifolia** (Stapf & Hutch.) Verdc.

G. spatulifolia Stapf & Hutch. (8)

Perennial. Tree. Ht 3–7 m. Alt 760–1125 m. N, B, LIM

volkensii K.Schum. subsp. **volkensii** var. **saundersiae** (N.E.Br.) Verdc.

G. saundersiae N.E.Br. (8)

Perennial. Tree. Ht 3–7 m. Alt 50–90 m. LIM, KZN

volkensii K.Schum. subsp. **volkensii** var. **volkensii**

G. spatulifolia of author, not of Stapf & Hutch. (8)

Perennial. Tree. Ht 2–5 m. Alt 30–1540 m. N, B, LIM, NW, G, M, S, KZN

GRUMILEA Gaertn.

8402000

capensis (Eckl.) Sond. = **Psychotria capensis** subsp. **capensis** var. **capensis**

capensis (Eckl.) Sond. var. *angustifolia* Sond. = **Psychotria capensis** subsp. **capensis** var. **capensis**
capensis (Eckl.) Sond. var. *pubescens* Sond. = **Psychotria capensis** subsp. **capensis** var. **pubescens**
kirkii Hiern = **Psychotria zombamontana**

GUETTARDA L. 8361000

- (1) Verdcourt & Bridson. 1991. *FTEA* Rubiaceae: 923, 924.
- (2) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1106.

speciosa L.

Perennial. Tree, shrub. Ht 2.5–5 m. Alt ± 3 m. KZN

HEDYOTIS L. 8136210

amatymbica (Eckl. & Zeyh.) Steud. = **Kohautia amatymbica**

aspera B. Heyne ex Roth = **Kohautia aspera**

brachyloba Sond. = **Kohautia caespitosa** subsp. **brachyloba**

capensis (L.f.) Lam. = **Oldenlandia capensis** var. **capensis**

cephalotes Hochst. = **Oldenlandia cephalotes**

chlorophylla Hochst. = **Agathisanthemum chlorophyllum** var. **chlorophyllum**

cynanchica (DC.) Steud. = **Kohautia cynanchica**

decumbens Hochst. = **Oldenlandia affinis** subsp. **fugax**

fugax Vatke = **Oldenlandia affinis** subsp. **fugax**

geminiflora Sond. = **Oldenlandia geminiflora**

gerrardii Harv. ex Sond. = **Kohautia virgata**

goreensis DC. = **Oldenlandia goreensis** var. **goreensis**

herbacea L. = **Oldenlandia herbacea** var. **herbacea**

heyinii (G. Don) Sond. = **Oldenlandia herbacea** var. **herbacea**

hirtula Sond. = **Oldenlandia rupicola** var. **hirtula**

natalensis Hochst. = **Conostomium natalense** var. **natalense**

pentamera Sond. = **Pentodon pentandrus** var. **minor**

rupicola Sond. = **Oldenlandia rupicola** var. **rupicola**

setifera (DC.) Steud. = **Kohautia virgata**

stricta Sond. = **Kohautia cynanchica**

tenella Hochst. = **Oldenlandia tenella**

thymifolia C. Presl = **Kohautia caespitosa** subsp. **brachyloba**

virgata Willd. = **Kohautia virgata**

HEINSIA DC. 8326000

- (1) Bridson & Verdcourt. 1991. *FTEA* Rubiaceae: 476–479.
- (2) Retief & Herman. 1997. *Strelitzia* 6: 582.
- (3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1072.

crinita (Afzel.) G. Taylor subsp. **parviflora** (K. Schum. & K. Krause) Verdc.

H. parviflora K. Schum. & K. Krause (1)

Perennial. Tree, shrub. Ht 0.3–2 m. Alt 460–490 m. B, LIM

parviflora K. Schum. & K. Krause = **H. crinita** subsp. **parviflora**

HYDROPHYLAX L.f. 8467000

carnosa (Hochst.) Sond. = **Phylohydrax carnosa**

HYMENODICTYON Wall. 8197000

- (1) Bridson & Verdcourt. 1988. *FTEA* Rubiaceae: 452–455.
- (2) Retief & Herman. 1997. *Strelitzia* 6: 582, 583.
- (3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1036, 1037.

parvifolium Oliv. subsp. **parvifolium**

Perennial. Tree, shrub. Ht 4–5 m. Alt ± 300 m. LIM

HYPERACANTHUS E. Mey. ex 8285040
Bridson

- (1) Marais. 1956. *The Flowering Plants of Africa* 31: t. 1229.
- (2) Bridson & Robbrecht. 1985. *Kew Bulletin* 40: 273–286.
- (3) Retief & Herman. 1997. *Strelitzia* 6: 583.
- (4) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1059, 1060.

amoenus (Sims) Bridson

Gardenia amoena Sims (2)

Gardenia gerrardiana Sond. (2)

Gardenia neuberia Eckl. & Zeyh. (2)

Perennial. Shrub. Ht 2.7–7 m. Alt 5–1920 m. LIM, NW, G, M, S, KZN, EC

microphyllus (K. Schum.) Bridson

Rothmannia microphylla (K. Schum.) J. G. Garcia (2)

Perennial. Shrub. Ht 2–5 m. Alt 45–90 m. KZN

KEETIA E. Phillips 8352050

- (1) Bridson. 1986. *Kew Bulletin* 41: 965–994.
- (2) Retief & Herman. 1997. *Strelitzia* 6: 583.
- (3) Bridson. 1998. *FZ* 5,2: 362–369.
- (4) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1100–1102.

gueinzii (Sond.) Bridson

Canthium gueinzii Sond. (1)

K. transvaalensis E. Phillips (1)

Perennial. Tree, shrub, climber. Ht 2–7 m. Alt 5–1980 m. LIM, NW, M, S, KZN, EC

transvaalensis E. Phillips = **K. gueinzii**

KOHAUTIA Cham. & Schltdl. 8136060

- (1) Bremekamp. 1952. *Verhandelingen der Koninklijke Nederlandse Akademie van Wetenschappen, afdeling Natuurkunde* 48: 56–125.
- (2) Verdcourt. 1976. *FTEA* Rubiaceae: 228–242.
- (3) Mantell. 1989. *FZ* 5,1: 85–101.
- (4) Retief & Herman. 1997. *Strelitzia* 6: 583.

amatymbica Eckl. & Zeyh.

Hedyotis amatymbica (Eckl. & Zeyh.) Steud. (1)

Oldenlandia amatymbica (Eckl. & Zeyh.) Kuntze (1)

Annual, occ. perennial. Herb. Ht 0.15–0.6 m. Alt 105–2200 m. LIM, NW, G, M, FS, KZN, L, EC

amboensis (Schinz) Bremek.

Oldenlandia amboensis Schinz (1)

Annual. Herb. Ht ± 0.15 m. Alt ± 1276 m. N

angolensis Bremek.

Annual, occ. perennial. Herb. Ht 0.25–0.35 m. Alt ± 700 m. N

aspera (B. Heyne ex Roth) Bremek.

Hedyotis aspera B. Heyne ex Roth (1)

Oldenlandia aspera (B. Heyne ex Roth) DC. (1)

Annual. Herb. Ht 0.1–0.3 m. Alt 1030–1239 m. N, B, LIM, FS

azurea (Dinter & K. Krause) Bremek.

Oldenlandia azurea Dinter & K. Krause (1)

Annual. Herb. Ht 0.2–0.3 m. Alt ± 1700 m. N

brachyloba (Sond.) Bremek. = **K. caespitosa** subsp. **brachyloba**

- caespitosa** Schnizl. subsp. **brachyloba** (Sond.) D.Mantell
Hedyotis brachyloba Sond. (2)
Hedyotis thymifolia C.Presl (2)
K. brachyloba (Sond.) Bremek. (2)
K. caespitosa Schnizl. var. *delagoensis* (Schinz) Bremek. (2)
K. lasiocarpa Klotzsch (2)
Oldenlandia brachyloba (Sond.) Kuntze (2)
Oldenlandia delagoensis Schinz (2)
Oldenlandia lasiocarpa (Klotzsch) Hiern (2)
 Annual, occ. perennial. Herb. Ht 0.1–0.8 m. Alt 30–1950 m. N, B, LIM, NW, G, M, S, FS, KZN, NC
- caespitosa* Schnizl. var. *delagoensis* (Schinz) Bremek. = **K. caespitosa** subsp. **brachyloba**
- cicendioides** (K.Schum.) Bremek.
 Annual. Herb. Ht 0.3–2 m. Alt ± 1191 m. N
- cuspidata** (K.Schum.) Bremek.
Oldenlandia cuspidata K.Schum. (1)
 Annual, occ. perennial. Herb. Ht 0.3–0.6 m. Alt ± 915 m. N, B
- cynanchica** DC.
Hedyotis cynanchica (DC.) Steud. (1)
Hedyotis stricta Sond. (1)
K. gracilifolia Bremek. (2)
K. longiflora DC. (1)
K. omahekensis (K.Krause) Bremek. (2)
K. raphidophylla Bremek. (2)
Oldenlandia cynanchica (DC.) K.Schum. ex Kuntze (1)
Oldenlandia omahekensis K.Krause (2)
 Annual, occ. perennial. Herb. Ht 0.1–0.6 m. Alt 150–3000 m. N, B, LIM, NW, G, M, S, FS, KZN, WC, EC
- gracilifolia* Bremek. = **K. cynanchica**
- lasiocarpa* Klotzsch = **K. caespitosa** subsp. **brachyloba**
- latibrachiata** Bremek.
 Perennial. Herb. Ht ± 0.6 m. Alt 1080–1363 m. LIM
- longiflora* DC. = **K. cynanchica**
- longifolia** Klotzsch var. **longifolia**
 Annual, occ. perennial. Herb. Ht 0.12–0.95 m. Alt ± 700–1363 m. KZN
- microflora** D.Mantell
 Annual. Herb. Ht 0.05–0.25 m. Alt ± 1000 m. N, B, LIM, NC
- omahekensis* (K.Krause) Bremek. = **K. cynanchica**
- ramosissima** Bremek.
Oldenlandia filifolia K.Krause (2)
 Annual, occ. perennial. Herb. Ht 0.2–0.6 m. Alt 400–945 m. N
- raphidophylla* Bremek. = **K. cynanchica**
- setifera* DC. = **K. virgata**
- subverticillata** (K.Schum.) D.Mantell subsp. **subverticillata**
Oldenlandia sordida K.Krause (2)
Oldenlandia trothae K.Krause (2)
 Perennial. Herb. Ht 0.1–0.6 m. Alt 900–1800 m. NW, M, FS
- virgata** (Willd.) Bremek.
Hedyotis gerrardii Harv. ex Sond. (1)
Hedyotis setifera (DC.) Steud. (1)
Hedyotis virgata Willd. (1)
K. setifera DC. (2)
Oldenlandia virgata (Willd.) DC. (1)
 Annual, occ. perennial. Herb. Ht 0.15–0.5 m. Alt 3–1645 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

- KRAUSSIA** Harv. 8308010
 (1) Sonder. 1865. *FC* 3: 22, 23.
 (2) Killick. 1971. *The Flowering Plants of Africa* 41: t. 1627.
 (3) Bridson & Verdcourt. 1988. *FTEA Rubiaceae*: 700–702.
 (4) Retief & Herman. 1997. *Strelitzia* 6: 584.
 (5) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1070.
- coriacea* Sond. = **Tricalysia sonderiana**
- floribunda** Harv.
 Perennial. Tree, shrub. Ht 0.6–4 m. Alt 5–800 m. LIM, M, S, KZN
- lanceolata* Sond. = **Tricalysia lanceolata**
- pavettoides* Harv. = **Tarenna pavettoides** subsp. **pavettoides**
- LAGYNIAS** E.Mey. ex Robyns 8351060
 (1) Robyns. 1928. *Bulletin du Jardin Botanique de l'Etat, à Bruxelles* 11: 312–316.
 (2) Bullock. 1931. *Kew Bulletin* 1931: 274.
 (3) Retief & Herman. 1997. *Strelitzia* 6: 584.
 (4) Bridson. 1998. *FZ* 5.2: 238–241.
 (5) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1084, 1085.
- discolor* E.Mey. = **L. lasiantha**
- dryadum** (S.Moore) Robyns
Vangueria dryadum S.Moore (1)
 Perennial. Tree, shrub. Ht 1.5–4 m. Alt 395–944 m. LIM
- lasiantha** (Sond.) Bullock
L. discolor E.Mey. (2)
Vangueria lasiantha (Sond.) Sond. (2)
 Perennial. Tree. Ht 1.5–6 m. Alt 5–1168 m. LIM, S, KZN
- monteiroi** (Oliv.) Bridson
Ancylanthos monteiroi Oliv. (3)
 Perennial, Tree, shrub. Ht up to 2.5 m. Alt 30–120 m. S, KZN
- LEPTACTINA** Hook.f. 8274000
 (1) Verdcourt. 1979. *Kew Bulletin* 33: 491–497.
 (2) Retief & Herman. 1997. *Strelitzia* 6: 584.
 (3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1041.
- benguelensis* of author, not of (Welw. ex Benth. & Hook.f.) R.D.Good = **L. delagoensis** subsp. **delagoensis**
- delagoensis** K.Schum. subsp. **delagoensis**
L. benguelensis of author, not of (Welw. ex Benth. & Hook.f.) R.D.Good (1)
 Perennial. Shrub. Ht 1–4 m. Alt 30–622 m. LIM, S, KZN
- MITRACARPUM** Zucc. 8479000
dregeanum Harv. & Sond. = **Spermacoce senensis**
- MITRIOSTIGMA** Hochst. 8283090
 (1) Bridson. 1979. *Kew Bulletin* 34: 127–130.
 (2) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1048, 1049.
- axillare** Hochst.
 Perennial. Tree, shrub. Ht 0.6–2 m. Alt 30–371 m. KZN, EC
- NENAX** Gaertn. 8439000
 (1) Puff. 1986. *FSA* 31,1,2: 37–47.

acerosa Gaertn. subsp. **acerosa***Ambraria acerosa* Sond. in part (1)*Ambraria glabra* Cruse (1)*Ambraria glabra* Cruse var. *papillata* Sond. (1)*Ambraria glabra* Cruse var. *tulbaghica* Sond. (1)

Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 18–700 m. NC, WC

acerosa Gaertn. subsp. **macrocarpa** (Eckl. & Zeyh.)

Puff

Ambraria hirta Cruse var. *macrocarpa* Eckl. & Zeyh. (1)

Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt ± 300 m. WC

arenicola Puff

Perennial. Shrub. Ht 0.3–0.5 m. Alt 100–610 m. NC, WC

cinerea (Thunb.) Puff*Cliffortia cinerea* Thunb. (1)*N. dregei* L.Bolus (1)

Perennial. Shrub, dwarf shrub. Ht 0.3–1.7 m. Alt 400–1100 m. NC, WC

coronata Puff

Perennial. Dwarf shrub. Ht 0.25–0.4 m. Alt ± 700 m. WC

dregei L.Bolus = **N. cinerea****divaricata** Salter*Ambraria acerosa* Sond. in part (1)

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 30–800 m. WC

elsieae Puff

Perennial. Dwarf shrub. Ht 0.08–2 m. Alt 900–1300 m. WC

hirta (Cruse) Salter subsp. **calciphila** Puff

Perennial. Shrub. 0.3–1 m. Alt ± 25 m. WC

hirta (Cruse) Salter subsp. **hirta***Ambraria hirta* Cruse (1)

Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 20–330 m. WC

microphylla (Sond.) Salter*Ambraria microphylla* Sond. (1)

Perennial. Dwarf shrub. 0.1–0.3 m. Alt 120–2895 m. FS, L, NC, EC

namaquensis Puff

Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt 500–1124 m. NC

NEOROSEA Hallé

8308050

andongensis (Hiern) Hallé = **Sericanthe andongensis** var. **andongensis****OLDENLANDIA** L.

8136200

- (1) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 364.
- (2) Bremekamp. 1952. *Verhandeligen der Koninklijke Nederlandse Akademie van Wetenschappen, afdeling Natuurkunde* 48: 183–270.
- (3) Verdcourt. 1976. *FTEA Rubiaceae*: 268–315.
- (4) Verdcourt. 1989. *FZ* 5,1: 120–142.
- (5) Retief & Herman. 1997. *Strelitzia* 6: 584, 585.

affinis (Roem. & Schult.) DC. subsp. **fugax** (Vatke) Verdc.*Hedyotis decumbens* Hochst. (3)*Hedyotis fugax* Vatke (3)*O. decumbens* (Hochst.) Hiern (3)

Perennial. Herb. Ht 0.2–1.2 m. Alt 5–1400 m. B, LIM, G, M, S, KZN, EC

amatymbica (Eckl. & Zeyh.) Kuntze = **Kohautia amatymbica***amboensis* Schinz = **Kohautia amboensis****angolensis** K.Schum. var. **angolensis**

Perennial. Herb. Ht 0.15–0.6 m. Alt ± 1000 m. B

aspera (B.Heyne ex Roth) DC. = **Kohautia aspera***azurea* Dinter & K.Krause = **Kohautia azurea***benguellensis* Hiern = **Amphasma benguellense***bojeri* (Klotzsch) Hiern = **Agathisanthemum bojeri** subsp.**bojeri***brachyloba* (Sond.) Kuntze = **Kohautia caespitosa** subsp.**brachyloba***caespitosa* (Benth.) Hiern = **O. corymbosa** var. **caespitosa***caespitosa* (Benth.) Hiern var. *major* Bremek. = **O. corymbosa** var. **caespitosa****capensis** L.f. var. **capensis***Hedyotis capensis* (L.f.) Lam. (2)

Annual. Herb. Ht up to 0.2 m. Alt 45–1290 m. N, B,

LIM, M, KZN, WC, EC

capensis L.f. var. **pleiosepala** Bremek.

Annual. Herb. Ht up to 0.2 m. Alt ± 1000 m. B

cephalotes (Hochst.) Kuntze*Hedyotis cephalotes* Hochst. (2)

Perennial. Herb. Ht 0.6–1.5 m. Alt 5–328 m. LIM, M,

S, KZN, EC

chlorophylla (Hochst.) Kuntze = **Agathisanthemum****chlorophyllum** var. **chlorophyllum****corymbosa** L. var. **caespitosa** (Benth.) Verdc.*O. caespitosa* (Benth.) Hiern (3)*O. caespitosa* (Benth.) Hiern var. *major* Bremek. (3)

Annual. Herb. Ht 0.02–0.3 m. Alt 45–1220 m. B, LIM,

NW, G, M, S, KZN, NC

corymbosa L. var. **linearis** (DC.) Verdc.

Annual. Herb. 0.1–0.2 m. Alt ± 980 m. B

cuspidata K.Schum. = **Kohautia cuspidata***cynanchica* (DC.) K.Schum. ex Kuntze = **Kohautia****cynanchica***decumbens* (Hochst.) Hiern = **O. affinis** subsp. **fugax***decumbens* Spreng. = **Vahlia digyna***delagoensis* Schinz = **Kohautia caespitosa** subsp. **brachy-****loba***digyna* Retz. = **Vahlia digyna***divaricata* Engl. = **Amphasma divaricatum***filifolia* K.Krause = **Kohautia ramosissima***geminiflora* Sond. (insufficiently known)*Hedyotis geminiflora* Sond. (2)

Annual. Herb. Length up to 0.2 m. Alt? LIM?

goreensis (DC.) Summerh. var. **goreensis***Hedyotis goreensis* DC. (2)

Annual. Herb, procumbent, decumbent or erect. Length

up to 0.4 m. Alt ± 1000 m. B

herbacea (L.) Roxb. var. **flaccida** Bremek.

Annual, occ. perennial. Herb. Ht 0.04–0.36 m. Alt

971–1950 m. N, LIM, G

herbacea (L.) Roxb. var. **herbacea***Hedyotis herbacea* L. (2)*Hedyotis heynii* (G.Don) Sond. (2)

Annual, occ. perennial. Herb. Ht 0.12–0.3 m. Alt

20–1980 m. N, B, LIM, NW, G, M, S, FS, KZN,

L, EC

herbacea (L.) Roxb. var. **suffruticosa** Bremek.
Annual, occ. perennial. Herb. Ht ± 0.6 m. Alt ± 1065 m. LIM, M

hirtula (Sond.) Kuntze = **O. rupicola** var. **hirtula**

junodii Schinz = **O. rupicola** var. **rupicola**

lancifolia (Schumach.) DC. var. **scabridula** Bremek.
Perennial. Herb. Ht up to 0.4 m. Alt 880–1405 m. N, B, LIM, M

lasiocarpa (Klotzsch) Hiern = **Kohautia caespitosa** subsp. **brachyloba**

merenskyana Dinter ex Bremek. = **Amphiasma merenskyanum**

muscosa Bremek.
Perennial. Herb. Ht ± 0.05 m. Alt 1300–2500 m. LIM, S

natalensis (Hochst.) Kuntze = **Conostomium natalense** var. **natalense**

omahekensis K.Krause = **Kohautia cynanchica**

rogersii S.Moore = **O. rupicola** var. **rupicola**

rosulata K.Schum. var. **rosulata**
Annual. Herb. Ht ± 0.17 m. Alt 90–980 m. B, FS, KZN, EC

rupicola (Sond.) Kuntze var. **hirtula** (Sond.) Bremek.
Hedyotis hirtula Sond. (2)
O. hirtula (Sond.) Kuntze (2)
O. schlechteri Schinz (2)
Perennial. Herb. Ht up to 0.1 m. Alt ± 260 m. S, KZN

rupicola (Sond.) Kuntze var. **parvifolia** Bremek. = **O. rupicola** var. **rupicola**

rupicola (Sond.) Kuntze var. **rupicola**
Hedyotis rupicola Sond. (2)
O. junodii Schinz (4)
O. rogersii S.Moore (2)
O. rupicola (Sond.) Kuntze var. **parvifolia** Bremek. (4)
Perennial. Herb. Ht 0.1–0.2 m. Alt 915–2045 m. LIM, NW, G, M, S, KZN, EC

schlechteri Schinz = **O. rupicola** var. **hirtula**

sordida K.Krause = **Kohautia subverticillata** subsp. **subverticillata**

tenella (Hochst.) Kuntze
Hedyotis tenella Hochst. (2)
Perennial. Herb. Length up to 0.3 m. Alt 185–1830 m. LIM, NW, G, M, KZN, EC

trichotoma Schinz = **Amphiasma divaricatum**

trothae K.Krause = **Kohautia subverticillata** subsp. **subverticillata**

virgata (Willd.) DC. = **Kohautia virgata**

zoutpansbergensis Bremek. = **Conostomium zoutpansbergense**

OTIOPHORA Zucc. 8450000
(1) Verdcourt. 1976. *FTEA* Rubiaceae: 315–324.
(2) Puff. 1981. *Journal of South African Botany* 47: 297–329.
(3) Puff. 1989. *FZ* 5,1: 142–150.
(4) Retief & Herman. 1997. *Strelitzia* 6: 585, 586.

calycophylla (Sond.) Schltr. & K.Schum. subsp. **calycophylla**
Anthospermum calycophyllum Sond. (2)
O. hebe Verdc. (2)
Perennial. Herb. Ht 0.15–0.3 m. Alt 430–1800 m. LIM, NW, G, KZN

calycophylla (Sond.) Schltr. & K.Schum. subsp. **verdcourtii** Puff

Perennial. Herb. Ht 0.2–0.45 m. Alt 800–1800 m. LIM, G, M

cupheoides N.E.Br.

O. densiflora Baer (2)

O. hirsuta Baer (2)

Perennial. Dwarf shrub, herb. Ht 0.17–1 m. Alt 860–1700 m. LIM, NW, M, S

densiflora Baer = **O. cupheoides**

hebe Verdc. = **O. calycophylla** subsp. **calycophylla**

hirsuta Baer = **O. cupheoides**

OXYANTHUS DC. 8293000

(1) Bridson & Verdcourt. 1988. *FTEA* Rubiaceae: 526–537.

(2) Retief & Herman. 1997. *Strelitzia* 6: 586.

(3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1060–1062.

gerrardii Sond. = **O. speciosus** subsp. **gerrardii**

latifolius Sond.

O. schlechteri K.Schum. (1)

Perennial. Shrub. Ht 1–5 m. Alt 60–155 m. KZN

natalensis Sond. = **O. pyriformis** subsp. **pyriformis**

pyriformis (Hochst.) Skeels subsp. **pyriformis**

O. natalensis Sond. (1)

Perennial. Tree, shrub. Ht 3–10 m. Alt 60–585 m. S, KZN

schlechteri K.Schum. = **O. latifolius**

speciosus DC. subsp. **gerrardii** (Sond.) Bridson

O. gerrardii Sond. (1)

Perennial. Tree, shrub. Ht 3–12 m. Alt 155–1980 m. LIM, M, S, KZN, EC

speciosus DC. subsp. **stenocarpus** (K.Schum.) Bridson

O. stenocarpus K.Schum. (1)

Perennial. Tree, shrub. Ht 2–6 m. Alt 3–1585 m. LIM, M

stenocarpus K.Schum. = **O. speciosus** subsp. **stenocarpus**

OXYSPERMUM Eckl. 8435010

asperum Eckl. & Zeyh. = **Galopina aspera**

PACHYSTIGMA Hochst. 8359000

(1) Robyns. 1928. *Bulletin du Jardin Botanique de l'Etat, à Bruxelles* 11: 117–131.

(2) Robyns. 1937. *Bothalia* 3: 183, 184.

(3) Boshoff. 1987. 'n *Taksonomiese hersiening van die genus Pachystigma in Suider-Afrika*. Unpublished M.Sc. thesis, University of Pretoria, Pretoria.

(4) Kok *et al.* 1989. *South African Journal of Botany* 55: 560–563.

(5) Retief & Herman. 1997. *Strelitzia* 6: 586.

(6) Bridson. 1998. *FZ* 5,2: 241–245.

(7) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1104–1106.

bowkeri Robyns

Perennial. Shrub. Ht 2–3 m. Alt 1000–1600 m. KZN

caffrum (Sim) Robyns = **P. macrocalyx**

coeruleum Robyns (insufficiently known) (3)

cymosum Robyns = **P. venosum**

humilis Bews = **Pygmaeothamnus chamaedendrum** var. **chamaedendrum**

latifolium Sond.

Vangueria latifolia (Sond.) Sond. (1)

Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 10–1830 m.
M, S, KZN

macrocalyx (Sond.) Robyns

P. caffrum (Sim) Robyns (3)

Vangueria caffra Sim (3)

Vangueria macrocalyx Sond. (1)

Perennial. Tree, shrub. Ht 1.5–3 m. Alt 30–1980 m.
LIM, NW, M, S, KZN, EC

pygmaeum (Schltr.) Robyns

Vangueria pygmaea Schltr. (1)

Vangueria setosa Conrath (1)

Perennial. Dwarf shrub. Ht 0.05–0.3 m. Alt 15–1950 m.
LIM, NW, G, M, S, FS, KZN

thamnus Robyns

Perennial. Dwarf shrub. Ht 0.07–0.1 m. Alt 1160–2076 m. LIM, NW, G, M, FS, KZN

triflorum Robyns

Perennial. Shrub. Ht 1–5 m. Alt 550–1730 m. LIM

venosum Hochst.

P. cymosum Robyns (3)

Vangueria venosa (Hochst.) Sond. (1)

Perennial. Dwarf shrub. Ht 0.4–1 m. Alt 60–1450 m.
LIM, M, S, KZN

zeyheri Sond. = **Pygmaeothamnus zeyheri** var. **zeyheri**

PAEDERIA L. 8430000

(1) Puff. 1986. *FSA* 31,1,2: 1–3.

(2) Bridson. 1989. *FZ* 5,1: 63–66.

(3) Retief & Herman. 1997. *Strelitzia* 6: 586, 587.

bojeriana (A.Rich.) Drake subsp. **foetens** (Hiern) Verdc.

P. foetens (Hiern) K.Schum. (1)

Perennial. Shrub, climber. Ht indefinite. Alt 460–490 m. LIM

foetens (Hiern) K.Schum. = **P. bojeriana** subsp. **foetens**

PAVETTA L. 8383000

(1) Vorster. 1978. *The Flowering Plants of Africa* 44: t. 1750.

(2) Kok & Grobbelaar. 1984. *South African Journal of Botany* 3: 185–187.

(3) Bridson & Verdcourt. 1988. *FTEA* Rubiaceae: 619–686.

(4) Retief & Herman. 1997. *Strelitzia* 6: 587, 588.

(5) Hahn. 1999. *Bothalia* 29: 107–109.

(6) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1109–1124.

albanensis Bremek. = **P. capensis** subsp. **capensis**

alexandrae Bremek. = **P. lanceolata**

assimilis Sond. var. *assimilis* = **P. gardeniifolia** var. **gardeniifolia**

assimilis Sond. var. *glabra* Bremek. = **P. gardeniifolia** var. **gardeniifolia**

assimilis Sond. var. *glabra-brevituba* Bremek. = **P. gardeniifolia** var. **gardeniifolia**

assimilis Sond. var. *pubescens* Bremek. = **P. gardeniifolia** var. **subtomentosa**

assimilis Sond. var. *pubescens-brevituba* Bremek. = **P. gardeniifolia** var. **subtomentosa**

barbertonensis Bremek.

Perennial. Tree, shrub. Ht 0.4–2.5 m. Alt 610–1525 m.
LIM, M, S

bowkeri Harv.

P. bowkeri Harv. var. *pubescens* Bremek. (2)

P. gerrardii Harv. (2)

Perennial. Shrub. Ht 0.5–2 m. Alt 10–1500 m. KZN, EC

bowkeri Harv. var. *glabra* Bremek. = **P. natalensis**

bowkeri Harv. var. *pubescens* Bremek. = **P. bowkeri**

breyeri Bremek. = **P. gracilifolia**

capensis (Houtt.) Bremek. subsp. **capensis**

P. albanensis Bremek. (2)

P. mbumbulensis Bremek. (2)

P. pallida Bremek. (2)

P. suurbergensis Bremek. (2)

P. urbis-reginae Bremek. (2)

Perennial. Shrub. Ht 1.5–4 m. Alt 10–2010 m. KZN, NC, EC

capensis (Houtt.) Bremek. subsp. **komghensis** (Bremek.) Kok

P. durbanensis Bremek. (2)

P. komghensis Bremek. (2)

Perennial. Tree, shrub, climber. Ht 1–3 m. Alt 15–1730 m. KZN, EC

cataractarum S.Moore

Perennial. Shrub. Ht 0.5–4.5 m. Alt 300–500 m. N, B

catophylla K.Schum.

P. catophylla K.Schum. var. *glabra* Bremek. (2)

P. catophylla K.Schum. var. *pubescens* Bremek. (2)

Perennial. Shrub. Ht 0.6–1 m. Alt 60–441 m. LIM, M, S, KZN

catophylla K.Schum. var. *glabra* Bremek. = **P. catophylla**

catophylla K.Schum. var. *pubescens* Bremek. = **P. catophylla**

cooperi Harv. & Sond.

P. haegarhii Bremek. (2)

Perennial. Tree, shrub. Ht 0.6–3 m. Alt 825–2135 m.
LIM, G, M, S, KZN, L, EC

delagoensis Bremek. = **P. gracilifolia**

dissimilis Bremek. = **P. zeyheri**

durbanensis Bremek. = **P. capensis** subsp. **komghensis**

edentula Sond.

Perennial. Tree, shrub. Ht 2–5 m. Alt 245–1370 m. M, S, KZN

eylesii S.Moore

Perennial. Tree, shrub. Ht 2–3.5 m. Alt 121–1540 m.
B, LIM, NW, G, M, S

galpinii Bremek.

Perennial. Shrub. Ht 0.5–2 m. Alt 15–1900 m. M, S, KZN, EC

gardeniifolia A.Rich. var. **gardeniifolia**

P. assimilis Sond. var. *assimilis* (2)

P. assimilis Sond. var. *glabra* Bremek. (2)

P. assimilis Sond. var. *glabra-brevituba* Bremek. (2)

Perennial. Tree, shrub. Ht 1.2–7 m. Alt 379–1650 m.
N, B, LIM, NW, G, M, KZN

gardeniifolia A.Rich. var. **subtomentosa** K.Schum.

P. assimilis Sond. var. *pubescens* Bremek. (2)

P. assimilis Sond. var. *pubescens-brevituba* Bremek. (2)

P. heidelbergensis Bremek. (2)

Perennial. Tree, shrub. Ht 1.2–7 m. Alt 503–1830 m.
N, B, LIM, NW, G, M, KZN

gerrardii Harv. = **P. bowkeri**

gerstneri Bremek.

Perennial. Tree. Ht 2.5–5 m. Alt 68–80 m. S, KZN

gracilifolia Bremek.

P. breyeri Bremek. (2)

P. delagoensis Bremek. (2)

P. woodii Bremek. (2)

- Perennial. Shrub. Ht 0.4–3 m. Alt 15–1980 m. LIM, M, S, KZN, EC
- haegarhii* Bremek. = **P. cooperi**
- harborii** S.Moore
P. marlothii Bremek. (2)
Perennial. Shrub. Ht 2.5–6 m. Alt 795–1097 m. B, LIM, NW
- heidbergensis* Bremek. = **P. gardeniifolia** var. **subto-mentosa**
- hirtiflora* Bremek. = **P. trichardtensis**
- inandensis** Bremek.
P. rattrayi Bremek. (2)
Perennial. Tree, shrub. Ht 3–8 m. Alt 15–2075 m. LIM, G, M, S, KZN, EC
- inconspicua* Dinter ex Bremek. = **P. zeyheri**
- komghensis* Bremek. = **P. capensis** subsp. **komghensis**
- kotzei** Bremek.
Perennial. Shrub. Ht 0.3–2.5 m. Alt 620–1920 m. LIM, M, KZN, EC
- lanceolata** Eckl.
P. alexandrae Bremek. (2)
P. tristis Bremek. (2)
Perennial. Tree, shrub. Ht 1–7 m. Alt 15–1205 m. LIM, M, S, KZN, EC
- lasiopeplus* K.Schum. = **P. zeyheri**
- luteola* Stapf = **Tarenna luteola**
- marlothii* Bremek. = **P. harborii**
- mbumbulensis* Bremek. = **P. capensis** subsp. **capensis**
- microlancea* K.Schum. = **P. zeyheri**
- middelburgensis* Bremek. = **P. zeyheri**
- natalensis** Sond.
P. bowkeri Harv. var. *glabra* Bremek. (2)
P. suluensis Bremek. (2)
Perennial. Tree, shrub. Ht 1.2–4 m. Alt 15–1100 m. KZN, EC
- pallida* Bremek. = **P. capensis** subsp. **capensis**
- pseudo-zeyheri* Bremek. = **P. zeyheri**
- rattrayi* Bremek. = **P. inandensis**
- revoluta** Hochst.
Perennial. Tree, shrub. Ht 0.5–6 m. Alt 5–120 m. G, KZN, EC
- schumanniana** F.Hoffm. ex K.Schum.
Perennial. Tree, shrub. Ht 1.5–4 m. Alt 60–1538 m. N, B, LIM, M, S, KZN
- suluensis* Bremek. = **P. natalensis**
- suurbergensis* Bremek. = **P. capensis** subsp. **capensis**
- trichardtensis** Bremek.
P. hirtiflora Bremek. (2)
P. zoutpansbergensis Bremek. (2)
Perennial. Tree, shrub. Ht 1–3 m. Alt 885–1649 m. LIM
- tristis* Bremek. = **P. lanceolata**
- tshikondeni** N.Hahn
Perennial. Shrub. Ht up to 2 m. Alt ± 500 m. LIM
- urbis-reginae* Bremek. = **P. capensis** subsp. **capensis**
- woodii* Bremek. = **P. gracilifolia**
- zeyheri** Sond.
P. dissimilis Bremek. (2)
P. inconspicua Dinter ex Bremek. (2)
P. lasiopeplus K.Schum. (2)
- P. microlancea* K.Schum. (2)
P. middelburgensis Bremek. (2)
P. pseudo-zeyheri Bremek. (2)
Perennial. Tree, shrub. Ht 0.7–3 m. Alt 118–1715 m. N, B, LIM, NW, G, M, FS
- zoutpansbergensis* Bremek. = **P. trichardtensis**
- PENTANISIA** Harv. 8348000
(1) Verdcourt. 1976. *FTEA* Rubiaceae: 167–174.
(2) Verdcourt. 1989. *FZ* 5,1: 57–63.
(3) Retief & Herman. 1997. *Strelitzia* 6: 588.
- angustifolia** (Hochst.) Hochst.
P. variabilis Harv. var. *glaucescens* Cruse ex Sond. (1)
Perennial. Herb. Ht 0.1–0.45 m. Alt 15–2000 m. LIM, NW, G, M, S, FS, KZN, L, EC
- prunelloides** (Klotzsch ex Eckl. & Zeyh.) Walp. subsp. **latifolia** (Hochst.) Verdc.
P. variabilis Harv. var. *latifolia* (Hochst.) Sond. (1)
Perennial. Herb. Ht 0.1–0.4 m. Alt 10–2135 m. LIM, G, M, S, FS, KZN, L, EC
- prunelloides** (Klotzsch ex Eckl. & Zeyh.) Walp. subsp. **prunelloides**
P. variabilis Harv. var. *intermedia* Sond. (1)
Perennial. Herb. Ht 0.1–0.45 m. Alt 15–2200 m. LIM, G, M, S, FS, KZN, L, NC, EC
- sykesii** Hutch. subsp. **otomerioides** Verdc.
Perennial. Herb, procumbent. Ht 0.15 m. Alt 1060–1300 m. LIM
- variabilis* Harv. var. *glaucescens* Cruse ex Sond. = **P. angustifolia**
- variabilis* Harv. var. *intermedia* Sond. = **P. prunelloides** subsp. **prunelloides**
- variabilis* Harv. var. *latifolia* (Hochst.) Sond. = **P. prunelloides** subsp. **latifolia**
- PENTAS** Benth. 8154000
(1) Verdcourt. 1953. *Bulletin du Jardin Botanique de l'Etat, à Bruxelles* 23: 237–371.
(2) Verdcourt 1976. *The Flowering Plants of Africa* 43: t. 1690.
(3) Bridson. 1989. *FZ* 5,1: 66–78.
(4) Retief & Herman. 1997. *Strelitzia* 6: 588.
- angustifolia** (A.Rich. ex DC.) Verdc.
P. transvaalensis Baer (1)
P. woodii Scott-Elliot (1)
Perennial. Herb. Ht 0.3–1 m. Alt 840–960 m. LIM, M
- micrantha** Baker subsp. **wyliei** (N.E.Br.) Verdc.
P. wyliei N.E.Br. (1)
Biennial. Herb. Ht 0.45–1 m. Alt 15–460 m. S, KZN
- transvaalensis* Baer = **P. angustifolia**
- woodii* Scott-Elliot = **P. angustifolia**
- wyliei* N.E.Br. = **P. micrantha** subsp. **wyliei**
- PENTODON** Hochst. 8136180
(1) Verdcourt. 1976. *FTEA* Rubiaceae: 263–266.
(2) Verdcourt. 1989. *FZ* 5,1: 116–118.
(3) Retief & Herman. 1997. *Strelitzia* 6: 588, 589.
- pentandrus** (Schumach. & Thonn.) Vatke var. **minor** Bremek.
Hedyotis pentamera Sond. (1)
Annual. Herb. Ht 0.18–1.3 m. Alt 5–460 m. LIM, M, S, KZN
- pentandrus** (Schumach. & Thonn.) Vatke var. **pentandrus**
Annual. Herb. Ht 0.2–1.5 m. Alt 152–940 m. N, B, LIM

PHYLOHYDRAX Puff 8467010

- (1) Puff. 1986. *Plant Systematics and Evolution* 154: 343–366.
 (2) Bridson. 1989. *FZ* 5,1: 162.

carcosa (Hochst.) Puff

Hydrophylax carcosa (Hochst.) Sond. (1)

Perennial. Herb, succulent. Ht 0.1–0.2 m. Alt 1–5 m.
 NW, S, KZN, WC, EC

PLECTRONIA DC. 8352040

chamaedendrum Kuntze = **Pygmaeothamnus chamaedendrum** var. **chamaedendrum**

ciliata (Klotzsch) Sond. = **Canthium ciliatum**

fragrantissima K.Schum. = **Psydrax fragrantissima**

gilfillanii N.E.Br. = **Canthium gilfillanii**

junodii Burt Davy = **Psydrax livida**

locuples K.Schum. = **Psydrax locuples**

mundiana (Cham. & Schltdl.) Papp = **Canthium mundianum**

pauciflora Klotzsch = **Canthium kuntzeanum**

spinosa Klotzsch = **Canthium spinosum**

PLECTRONIELLA Robyns 8352010

- (1) Verdcourt. 1976. *FTEA* Rubiaceae: 26–109.
 (2) Bremekamp. 1933. *Annals of the Transvaal Museum* 15: 258.
 (3) Herman. 1991. *The Flowering Plants of Africa* 51: t. 2029.
 (4) Retief & Herman. 1997. *Strelitzia* 6: 589.
 (5) Bridson. 1998. *FZ* 5,2: 337–339.
 (6) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1095.

armata (K.Schum.) Robyns

Vangueria armata K.Schum. (1)

Perennial. Tree, shrub. Ht up to 8 m. Alt 60–1065 m.
 LIM, G, M, S, KZN

capillaris Bremek. (insufficiently known) (2)**PSYCHOTRIA** L. 8399000

- (1) Petit. 1964. *Bulletin du Jardin Botanique de l'Etat, à Bruxelles* 34: 1–299.
 (2) Verdcourt. 1989. *FZ* 5,1: 9–31.
 (3) Retief & Herman. 1997. *Strelitzia* 6: 589.
 (4) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1126–1129.

capensis (Eckl.) Vatke subsp. **capensis** var. **capensis**

Grumilea capensis (Eckl.) Sond. (1)

Grumilea capensis (Eckl.) Sond. var. *angustifolia* Sond. (1)

Perennial. Tree, shrub. Ht 2–4 m. Alt 5–1625 m. LIM,
 M, S, KZN, EC

capensis (Eckl.) Vatke subsp. **capensis** var. **pubescens** (Sond.) E.M.A.Petit

Grumilea capensis (Eckl.) Sond. var. *pubescens* Sond. (1)

Perennial. Shrub. Ht 2–3.5 m. Alt 600–2170 m. KZN

zombamontana (Kuntze) E.M.A.Petit

Grumilea kirkii Hiern (1)

Uragoga zombamontana Kuntze (1)

Perennial. Tree, shrub. Ht 1.5–5 m. Alt 700–1980 m.
 LIM, M, KZN

PSYDRAX Gaertn. 8352030

- (1) Bridson. 1985. *Kew Bulletin* 40: 687–725.
 (2) Verdcourt & Bridson. 1991. *FTEA* Rubiaceae: 892–908.
 (3) Retief & Herman. 1997. *Strelitzia* 6: 589, 590.
 (4) Bridson. 1998. *FZ* 5,2: 345–362.
 (5) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1096–1100.

fragrantissima (K.Schum.) Bridson

Plectronia fragrantissima K.Schum. (1)

Perennial. Shrub. Ht 1–3.5 m. Alt 85–90 m. KZN

livida (Hiern) Bridson

Canthium huillense Hiern (1)

Canthium lividum Hiern (1)

Canthium wildii (Suess.) Codd (1)

Plectronia junodii Burt Davy (1)

Perennial. Tree, shrub. Ht 3–6 m. Alt 379–1675 m. N,
 B, LIM, NW, G, M

locuples (K.Schum.) Bridson

Canthium locuples (K.Schum.) Codd (1)

Plectronia locuples K.Schum. (1)

Perennial. Tree, shrub. Ht 2–6 m. Alt 6–1730 m. LIM,
 S, KZN

obovata (Eckl. & Zeyh.) Bridson subsp. **elliptica** Bridson

Perennial. Tree, shrub. Ht 3–7 m. Alt 400–1800 m.
 KZN, EC

obovata (Eckl. & Zeyh.) Bridson subsp. **obovata**

Canthium obovatum Eckl. & Zeyh. (1)

Canthium obovatum Eckl. & Zeyh. var. *pyrifolium* (Eckl. & Zeyh.)
 Sond. (1)

Perennial. Tree. Ht 1.5–8 m. Alt 5–1830 m. LIM, M,
 S, KZN, WC, EC

PYGMAEOTHAMNUS Robyns 8351020

- (1) Robyns. 1928. *Bulletin du Jardin Botanique de l'Etat, à Bruxelles* 11: 28–37.
 (2) Codd. 1961. *Journal of the South African Biological Society* 2: 8–17.
 (3) Retief & Herman. 1997. *Strelitzia* 6: 590.

chamaedendrum (Kuntze) Robyns var. **chamaedendrum**

Fadogia humilis J.M.Wood & M.S.Evans (1)

Pachystigma humilis Bews (1)

Plectronia chamaedendrum Kuntze (1)

Perennial. Dwarf shrub. Ht 0.08–0.2 m. Alt 885–2134
 m. LIM, G, M, KZN

chamaedendrum (Kuntze) Robyns var. **setulosus** Robyns

P. longipes Robyns (2)

P. pilosus Robyns (2)

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 915–1950
 m. G, M, S, FS, KZN

longipes Robyns = **P. chamaedendrum** var. **setulosus**

pilosus Robyns = **P. chamaedendrum** var. **setulosus**

zeyheri (Sond.) Robyns var. *oatesii* Robyns = **P. zeyheri**
 var. **zeyheri**

zeyheri (Sond.) Robyns var. **rogersii** Robyns

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 1330–1900
 m. LIM, NW, G, M

zeyheri (Sond.) Robyns var. **zeyheri**

Pachystigma zeyheri Sond. (1)

P. zeyheri (Sond.) Robyns var. *oatesii* Robyns (2)

Vangueria zeyheri (Sond.) Sond. (1)

Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 915–2000
 m. N, B, LIM, NW, G, M

PYROSTRIA Comm. ex Juss. 8355000

- (1) Bridson. 1987. *Kew Bulletin* 42: 611–630.
 (2) Bridson. 1991. *FTEA* Rubiaceae: 885–892.
 (3) Retief & Herman. 1997. *Strelitzia* 6: 590.
 (4) Bridson. 1998. *FZ* 5,2: 340–345.
 (5) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1102, 1103.

hystrix (Bremek.) Bridson

Dinocanthium hystrix Bremek. (1)

Perennial. Shrub. Ht 1–3 m. Alt 155–700 m. LIM, M, S, KZN

RANDIA L. 8283000

brachythamnus K.Schum. = **Gardenia brachythamnus**
fischeri K.Schum. = **Rothmannia fischeri** subsp. **fischeri**

kraussii Harv. = **Catunaregam obovata**

rudis E.Mey. ex Harv. = **Coddia rudis**

***RICHARDIA** L. 8464000

(1) Lewis & Oliver. 1974. *Brittonia* 26: 271–301.

(2) Verdcourt. 1976. *FTEA* Rubiaceae: 377–380.

(3) Verdcourt. 1989. *FZ* 5,1: 190–193.

(4) Retief & Herman. 1997. *Strelitzia* 6: 590.

brasiliensis Gomes

Richardsonia brasiliensis (Gomes) Hayne (1)

Perennial. Herb. Ht ± 0.2 m. Alt 1–1500 m. LIM, NW, G, M, S, FS, KZN, EC

humistrata (Cham. & Schltdl.) Steud.

Richardsonia humistrata Cham. & Schltdl. (1)

Perennial. Herb. Ht up to 0.2 m. Alt 700–1800 m. LIM, G, FS, EC

scabra L.

Richardsonia scabra (L.) A.St.-Hil. in part (1)

Annual. Herb, procumbent. Length up to 0.3 m. Alt 50–650 m. M, KZN, EC

stellaris (Cham. & Schltdl.) Steud.

Richardsonia stellaris Cham. & Schltdl. (1)

Perennial. Herb. Ht ± 0.01 m. Alt ± 1520 m. KZN

RICHARDSONIA Kunth 8464010

brasiliensis (Gomes) Hayne = **Richardia brasiliensis**

humistrata Cham. & Schltdl. = **Richardia humistrata**

scabra (L.) A.St.-Hil. in part = **Richardia scabra**

stellaris Cham. & Schltdl. = **Richardia stellaris**

RONDELETIA L. 8173000

febrifuga Afzel. ex G.Don = **Crossopteryx febrifuga**

ROTHMANNIA Thunb. 8285010

(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 14.

(2) Phillips. 1937. *The Flowering Plants of South Africa* 17: t. 657.

(3) Keay. 1958. *Bulletin du Jardin Botanique de l'Etat, à Bruxelles* 28: 47–57.

(4) Bridson. 1984. *Kew Bulletin* 39: 67–72.

(5) Bridson & Verdcourt. 1988. *FTEA* Rubiaceae: 511–519.

(6) Retief & Herman. 1997. *Strelitzia* 6: 590.

(7) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1056–1059.

capensis Thunb.

Gardenia rothmannia L.f. (3)

Perennial. Tree. Ht 3–7 m. Alt 5–1859 m. B, LIM, NW, G, M, S, KZN, WC, EC

fischeri (K.Schum.) Bullock subsp. **fischeri**

Randia fischeri K.Schum. (4)

Perennial. Tree, shrub. Ht 2–8 m. Alt 460–1525 m. LIM, KZN

fischeri (K.Schum.) Bullock subsp. **moramballae** (Hiern) Bridson

Gardenia annae E.P.Wright var. *moramballae* Hiern (4)

R. fischeri of author, not of (K.Schum.) Bullock (4)

Perennial. Tree. Ht 1.5–5 m. Alt ± 90 m. KZN

fischeri of author, not of (K.Schum.) Bullock = **R. fischeri** subsp. **moramballae**

globosa (Hochst.) Keay

Gardenia globosa Hochst. (3)

Perennial. Tree. Ht 2–8 m. Alt 15–1500 m. LIM, M, S, KZN, EC

microphylla (K.Schum.) J.G.García = **Hyperacanthus microphyllus**

RUBIA L. 8489000

(1) Puff. 1986. *FSA* 31,1,2: 61–65.

(2) Verdcourt. 1989. *FZ* 5,1: 193–195.

(3) Retief & Herman. 1997. *Strelitzia* 6: 591.

conotricha Gand. = **R. cordifolia** subsp. **conotricha**

cordifolia L. subsp. **conotricha** (Gand.) Verdc.

R. conotricha Gand. (1)

Perennial. Herb. Ht 1.5–5 m. Alt 5–2075 m. LIM, M, S, FS, KZN, L, WC, EC

horrida (Thunb.) Puff

Galium horridum Thunb. (1)

R. petiolaris DC. var. *heterophylla* Sond. (1)

Perennial. Herb. Ht 1.3–3 m. Alt 1160–1800 m. N, LIM, NW, G, M, S, FS, KZN, L

petiolaris DC.

R. petiolaris DC. var. *isophylla* Sond. (1)

Perennial. Scrambler. Ht indefinite. Alt 30–2125 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

petiolaris DC. var. *heterophylla* Sond. = **R. horrida**

petiolaris DC. var. *isophylla* Sond. = **R. petiolaris**

RYTIGYNIA Blume 8351040

(1) Robyns. 1928. *Bulletin du Jardin Botanique de l'Etat, à Bruxelles* 11: 132.

(2) Verdcourt. 1987. *Kew Bulletin* 42: 145–186.

(3) Bridson. 1998. *FZ* 5,2: 284–301.

(4) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1081–1083.

celastroides (Baill.) Verdc. var. **australis** Verdc.

Perennial. Shrub. Ht ± 2 m. Alt 50–130 m. KZN

umbellulata (Hiern) Robyns

Vangueria umbellulata Hiern (1)

Perennial. Tree, shrub. Ht 1–5 m. Alt ± 900 m. B

SERICANTHE Robbr. 8308020

(1) Robbrecht. 1978. *Bulletin du Jardin Botanique National de Belgique* 48: 3–78.

(2) Retief & Herman. 1997. *Strelitzia* 6: 591.

(3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1070, 1071.

andongensis (Hiern) Robbr. var. **andongensis**

Neorosea andongensis (Hiern) Hallé (1)

Tricalysia andongensis Hiern (1)

Tricalysia legatii Hutch. (1)

Perennial. Tree, shrub. Ht 1.5–6 m. Alt 730–1550 m. LIM

***SHERARDIA** L. 8482000

(1) Ball. 1976. *Flora europaea* 4: 3.

arvensis L.

Annual. Herb, procumbent. Ht up to 0.1 m. Alt 300–1450 m. S, EC

SPERMACE Gaertn. 8475000

(1) Verdcourt. 1976. *FTEA* Rubiaceae: 339–374.

(2) Verdcourt. 1989. *FZ* 5,1: 165–188.

(3) Retief & Herman. 1997. *Strelitzia* 6: 591.

deserti N.E.Br.

Perennial. Herb. Ht ± 0.3 m. Alt 950–1160 m. NW

natalensis Hochst.

Borreria natalensis (Hochst.) S.Moore (1)

Diodia natalensis (Hochst.) J.G.García (1)

Perennial. Herb. Ht 0.2–0.7 m. Alt 13–1300 m. LIM, NW, G, M, S, KZN, L, EC

quadrisulcata (Bremek.) Verdc.

Borreria paludosa Hepper (1)

Borreria quadrisulcata Bremek. (1)

Annual. Herb. Ht ± 0.5 m. Alt ± 900 m. N, B

senensis (Klotzsch) Hiern

Borreria scabra of author, not of (Schumach. & Thonn.) K.Schum. (1)

Borreria squarrosa Schinz (1)

Mitracarpum dregeanum Harv. & Sond. (1)

Annual. Herb. Ht 0.2–5 m. Alt 300–1460 m. N, B, LIM, NW, M, S, KZN

subvulgata (K.Schum.) J.G.García var. **subvulgata**

Annual, occ. perennial. Herb. Ht? Alt? N

STYLOCORYNE Wight & Arn. 8385000

barbertonensis Bremek. = **Coptosperma supra-axillare**

TAPIPHYLLUM Robyns 8351030

parvifolium (Sond.) Robyns = **Vangueria parvifolia**

TARENNA Gaertn. 8278000

(1) Bremekamp. 1934. *Feddes Repertorium* 37: 1–208.

(2) Bridson. 1979. *Kew Bulletin* 34: 377–401.

(3) Verdcourt & Bridson. 1988. *FTEA Rubiaceae*: 584–603.

(4) Retief & Herman. 1997. *Strelitzia* 6: 591, 592.

(5) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1042–1047.

barbertonensis (Bremek.) Bremek. = **Coptosperma supra-axillare**

junodii (Schinz) Bremek.

Chomelia junodii Schinz (1)

Perennial. Shrub. Ht 1.8–4 m. Alt 15–90 m. S, KZN

littoralis (Hiern) Bridson = **Coptosperma littorale**

luteola (Stapf) Bremek.

Pavetta luteola Stapf (1)

Perennial. Shrub. Ht 2–4 m. Alt ± 1000 m. N, B

nigrescens (Hook.f.) Hiern = **Coptosperma nigrescens**

pavettoides (Harv.) Sim subsp. **pavettoides**

Kraussia pavettoides Harv. (3)

Webera pavettoides (Harv.) Benth. & Hook.f. (4)

Perennial. Tree, shrub. Ht 3–10 m. Alt 7–550 m. S, KZN, EC

supra-axillaris (Hemsl.) Bremek. = **Coptosperma supra-axillare**

supra-axillaris (Hemsl.) Bremek. subsp. *barbertonensis* (Bremek.) Bridson = **Coptosperma supra-axillare**

zimbabwensis Bridson = **Coptosperma rhodesiacum**

zygoon Bridson = **Coptosperma zygoon**

TRICALYSIA A.Rich. ex DC. 8308000

(1) Robbrecht. 1979. *Bulletin du Jardin Botanique National de Belgique* 49: 239–360.

(2) Robbrecht. 1985. *South African Journal of Botany* 51: 331–334.

(3) Robbrecht. 1987. *Bulletin du Jardin Botanique National de Belgique* 57: 39–208.

(4) Retief & Herman. 1997. *Strelitzia* 6: 592.

(5) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1063–1070.

africana (Sim) Robbr.

Diplospora africana Sim (2)

Perennial. Tree, shrub. Ht 1.5–3 m. Alt ± 300 m. EC

allenii (Stapf) Brenan var. *australis* (Schweick.) Brenan = **T. junodii** var. **junodii**

allenii (Stapf) Brenan var. *kirkii* (Hook.f.) Brenan = **T. junodii** var. **kirkii**

andongensis Hiern = **Sericanthe andongensis** var. **andongensis**

cacondensis Hiern

Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 1075–1280 m. N, B, NW

capensis (Meisn. ex Hochst.) Sim var. **capensis**

Bunburya capensis Meisn. ex Hochst. (3)

Perennial. Tree, shrub. Ht 2–5 m. Alt 15–1370 m. LIM, M, KZN, EC

capensis (Meisn. ex Hochst.) Sim var. **galpinii** (Schinz) Robbr.

T. galpinii Schinz (3)

Perennial. Tree, shrub. Ht 2–5 m. Alt 860–1980 m. LIM, M, S

capensis (Meisn. ex Hochst.) Sim var. **transvaalensis** Robbr.

Perennial. Tree, shrub. Ht 2–5 m. Alt 915–1970 m. LIM, M, S

delagoensis Schinz

Perennial. Shrub. Ht ± 3 m. Alt 15–120 m. S, KZN

galpinii Schinz = **T. capensis** var. **galpinii**

junodii (Schinz) Brenan var. **junodii**

T. allenii (Stapf) Brenan var. *australis* (Schweick.) Brenan (1)

Perennial. Shrub. Ht 0.5–4 m. Alt 10–1920 m. B, LIM, M, S, KZN

junodii (Schinz) Brenan var. **kirkii** (Hook.f.) Robbr.

T. allenii (Stapf) Brenan var. *kirkii* (Hook.f.) Brenan (1)

Perennial. Shrub. Ht 0.5–4 m. Alt 312–915 m. N, B, LIM

lanceolata (Sond.) Burt Davy

Kraussia lanceolata Sond. (1)

Perennial. Tree, shrub. Ht up to 6 m. Alt 15–1980 m. LIM, NW, G, M, S, KZN, EC

legatii Hutch. = **Sericanthe andongensis** var. **andongensis**

sonderiana Hiern

Kraussia coriacea Sond. (1)

Perennial. Tree, shrub. Ht up to 6 m. Alt 5–155 m. S, KZN

URAGOGA Baill. 8399010

zombamontana Kuntze = **Psychotria zombamontana**

VANGUERIA Comm. ex Juss. 8351000

(1) Robyns. 1928. *Bulletin du Jardin Botanique de l'Etat, à Bruxelles* 11: 273–311.

(2) Verdcourt. 1981. *Kew Bulletin* 36: 547–556.

(3) Verdcourt & Bridson. 1991. *FTEA Rubiaceae*: 848–858.

(4) Hahn. 1997. *Bothalia* 27: 45–48.

(5) Retief & Herman. 1997. *Strelitzia* 6: 592, 593.

(6) Bridson. 1998. *FZ* 5,2: 245–257.

(7) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1074–1080.

armata K.Schum. = **Plectroniella armata**

- caffra* Sim = **Pachystigma caffrum**
chartacea Robyns = **V. randii** subsp. **chartacea**
cyanescens Robyns
 Perennial. Tree, shrub. Ht 1–4.5 m. Alt ± 1000 m. N, B
dryadum S.Moore = **Lagnias dryadum**
esculenta S.Moore
 Perennial. Shrub. Ht 2–10 m. Alt 630–1770 m. N, LIM, G, M
floribunda Robyns = **V. madagascariensis**
infausta Burch. subsp. **infausta**
V. tomentosa Hochst. (2)
 Perennial. Tree. Ht 2–7 m. Alt 20–3333 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC
lasiantha (Sond.) Sond. = **Lagnias lasiantha**
lasiocladus K.Schum. = **V. proschii**
lateritia Dinter = **Vangueriopsis lanciflora**
latifolia (Sond.) Sond. = **Pachystigma latifolium**
macrocalyx Sond. = **Pachystigma macrocalyx**
madagascariensis J.F.Gmel.
V. floribunda Robyns (2)
 Perennial. Tree, shrub. Ht 1.5–15 m. Alt 65–1525 m. LIM, G, M, S, KZN
parvifolia Sond.
Tapiphyllum parvifolium (Sond.) Robyns (6)
 Perennial. Tree. Ht up to 6 m. Alt 410–1830 m. B, S
proschii Briq.
V. lasiocladus K. Schum. (7)
 Perennial. Shrub. Ht ± 2 m. Alt 1000–1500 m. N, B
pygmaea Schltr. = **Pachystigma pygmaeum**
randii S.Moore subsp. **chartacea** (Robyns) Verdc.
V. chartacea Robyns (2)
 Perennial. Tree, shrub. Ht 1.21–7 m. Alt 5–610 m. S, KZN
setosa Conrath = **Pachystigma pygmaeum**
soutpansbergensis N.Hahn
 Perennial. Shrub. Ht up to 2.5 m. Alt ± 1440 m. LIM
tomentosa Hochst. = **V. infausta** subsp. **infausta**
umbellulata Hiern = **Rytigynia umbellulata**
venosa (Hochst.) Sond. = **Pachystigma venosum**
zeyheri (Sond.) Sond. = **Pygmaeothamnus zeyheri** var. **zeyheri**
VANGUERIOPSIS Robyns 8351050
 (1) Launert. 1966. *FSWA* 115: 27.
 (2) Bridson. 1998. *FZ* 5,2: 304–306.
 (3) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 1083, 1084.
lanciflora (Hiern) Robyns ex R.D.Good
Canthium lanciflorum Hiern (1)
Vangueria lateritia Dinter (1)
 Perennial. Tree, shrub. Ht 1.5–3.5 m. Alt 915–1370 m. N, B
WEBERA Schreb. 8278010
pavettoides (Harv.) Benth. & Hook.f. = **Tarenna pavettoides** subsp. **pavettoides**
XEROMPHIS Raf. 8283080
obovata (Hochst.) Keay = **Catunaregam obovata**
rudis (E.Mey. ex Harv.) Codd = **Coddia rudis**
ZYGOON Hiern 8294000
graveolens Hiern = **Coptosperma zygoon**

RUTACEAE

Compiled by J.E. Victor, M. Jordaan & R.H. Archer

- ACMADENIA** Bartl. & H.L.Wendl. 4040000
 (1) Williams. 1982. *Journal of South African Botany* 48: 169–240.
alternifolia Cham.
 Perennial. Shrub or dwarf shrub. Ht 0.7–1 m. Alt 60–180 m. WC
argillophila I.Williams
 Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 900–1000 m. WC
assimilis Sond. = **Euchaetis laevigata**
baileyensis I.Williams
 Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt 1000–1300 m. WC
barosmoides Dummer = **Phyllosma barosmoides**
bodkinii (Schltr.) Strid
Adenandra bodkinii Schltr. (1)
 Perennial. Shrub, dwarf shrub. Ht 0.7–0.8 m. Alt 1200–1500 m. WC
burchellii Dummer
 Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 600–1200 m. WC
candida I.Williams
 Perennial. Dwarf shrub. Ht 0.25–0.3 m. Alt 1000–1200 m. WC
cucullata E.Mey. ex Sond. = **A. mundiana**
densifolia Sond.
 Perennial. Shrub, dwarf shrub. Ht 0.5–0.8 m. Alt 100–300 m. WC
diosmoides Schltr. = **Euchaetis diosmoides**
faucitincta I.Williams
 Perennial. Shrub. Ht? Alt 1000–1600 m. WC
flaccida Eckl. & Zeyh.
 Perennial. Shrub. Ht 0.7–1 m. Alt 320–700 m. WC
fruticosa I.Williams
 Perennial. Shrub. Ht 0.7–0.8 m. Alt 600–1200 m. WC
gracilis Compton, not of Dummer, illegitimate name = **A. sheilae**
gracilis Dummer
 Perennial. Dwarf shrub. Ht 0.5–1.2 m. Alt 500–1000 m. WC
heterophylla P.E.Glover
 Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 20–100 m. WC

juniperina Bartl. & H.L.Wendl. = **A. obtusata**

kiwanensis I. Williams

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 120–130 m.
WC

laevigata Sond. = **Euchaetis laevigata**

latifolia I. Williams

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 300–800 m.
WC

laxa I. Williams

Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 100–300 m.
WC

macradenia (Sond.) Dummer

Perennial. Dwarf shrub. Ht 0.3–0.7 m. Alt 600–1000 m.
WC

macropetala (P.E. Glover) Compton

Perennial. Dwarf shrub. Ht 0.4–0.7 m. Alt 200–400 m.
WC

maculata I. Williams

Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt 600–800 m.
WC

marlothii Dummer = **Agathosma rudolphii**

matroosbergensis E. Phillips

Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 1100–1900 m.
WC

mundiana Eckl. & Zeyh.

A. cucullata E.Mey. ex Sond. (1)
Perennial. Shrub, dwarf shrub. Ht 0.8–1.2 m. Alt 60–200 m.
WC

muraltoides Eckl. & Zeyh. = **A. obtusata**

nivea I. Williams

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 1200–1600 m.
WC

nivenii Sond.

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 10–100 m.
WC

obtusata (Thunb.) Bartl. & H.L.Wendl.

A. juniperina Bartl. & H.L.Wendl. (1)
A. muraltoides Eckl. & Zeyh. (1)
A. uniflora (E. Phillips) E. Phillips (1)
Euchaetis uniflora E. Phillips (1)
Macrostylis patersoniae Schönland (1)
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 10–300 m.
WC

patentifolia I. Williams

Perennial. Shrub. Ht 0.6–1 m. Alt 900–1200 m. WC

psilopetala Sond. = **A. trigona**

pungens Bartl. & H.L.Wendl. = **Euchaetis pungens**

rosmarinifolia Bartl. = **Agathosma rosmarinifolia**

roureana I. Williams

Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 950–1400 m.
WC

rupicola I. Williams

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 800–850 m.
WC

sheilae I. Williams

A. gracilis Compton, not of Dummer, illegitimate name (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 600–1200 m.
WC

strobilina E.Mey. = **A. tetragona**

tenax I. Williams

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 1300–1700 m.
WC

teretifolia (Link) E. Phillips

Diosma teretifolia Link (1)
Perennial. Dwarf shrub. Ht 0.3–0.7 m. Alt 800–2300 m.
WC

tetracarpellata I. Williams

Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt 1000–1250 m.
WC

tetragona (L.f.) Bartl. & H.L.Wendl.

A. strobilina E.Mey. (1)
Perennial. Dwarf shrub. Ht 0.3–0.7 m. Alt 300–800 m.
WC

trigona (Eckl. & Zeyh.) Druce

A. psilopetala Sond. (1)
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 300–700 m.
WC

uniflora (E. Phillips) E. Phillips = **A. obtusata**

wittebergensis (Compton) I. Williams

Diosma wittebergensis Compton (1)
Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt 800–1600 m.
WC

ADENANDRA Willd. 4038000

(1) Strid. 1972. *Opera Botanica* 32: 1–112.

acuta Schltr.

Perennial. Dwarf shrub. Ht 0.25–0.6 m. Alt 900–1500 m.
WC

amoena (Lodd.) Bartl. & H.L.Wendl. = **A. villosa** subsp. **orbicularis**

biseriata E.Mey. ex Bartl. & H.L.Wendl. = **A. villosa** subsp. **biseriata**

bodkinii Schltr. = **Acmadenia bodkinii**

brachyphylla Schltld.

A. brachyphylla Schltld. var. *heterophylla* Sond. (1)
A. brachyphylla Schltld. var. *isophylla* Sond. (1)
Perennial. Shrub, dwarf shrub. Ht 0.4–0.8 m. Alt 80–900 m.
WC

brachyphylla Schltld. var. *glandulosa* Sond. = **A. villosa** subsp. **sonderi**

brachyphylla Schltld. var. *heterophylla* Sond. = **A. brachyphylla**

brachyphylla Schltld. var. *isophylla* Sond. = **A. brachyphylla**

calycina (Tausch) Steud. = **A. villosa** subsp. **sonderi**

ciliata Sond. = **A. villosa** subsp. **sonderi**

coriacea Licht. ex Roem. & Schult.

A. coriacea Licht. ex Roem. & Schult. var. *oblongifolia* Sond. (1)
Perennial. Dwarf shrub. Ht 0.25–0.5 m. Alt 600–1900 m.
WC

coriacea Licht. ex Roem. & Schult. var. *oblongifolia* Sond. = **A. coriacea**

cuspidata E.Mey. ex Bartl. & H.L.Wendl. var. *glabra* Sond. = **A. villosa** subsp. **villosa**

cuspidata E.Mey. ex Bartl. & H.L.Wendl. var. *villosa* (P.J.Bergius) Sond. = **A. villosa** subsp. **villosa**

dahlgrenii Strid

Perennial. Shrub, dwarf shrub. Ht 0.4–1 m. Alt 1100–700 m.
WC

fragrans (Sims) Roem. & Schult.

A. fragrans (Sims) Roem. & Schult. var. *amoena* (Lodd.) Bartl. & H.L.Wendl., not *Diosma amoena* Lodd. (1)

Perennial. Shrub, dwarf shrub. Ht 0.4–1.2 m. Alt 300–1400 m. WC

fragrans (Sims) Roem. & Schult. var. *amoena* (Lodd.) Bartl. & H.L.Wendl., not *Diosma amoena* Lodd. = **A. fragrans**

glandulosa Roem. & Schult. = **A. villosa** subsp. **umbellata**

gracilis Eckl. & Zeyh.

Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 900–1600 m. WC

gummifera Strid

Perennial. Shrub, dwarf shrub. Ht 0.4–1.5 m. Alt 150–300 m. WC

humilis Eckl. & Zeyh. var. *glabra* Sond. = **A. marginata** subsp. **humilis**

humilis Eckl. & Zeyh. var. *imbricata* Sond. = **A. marginata** subsp. **humilis**

humilis Eckl. & Zeyh. var. *pubescent* Sond. = **A. marginata** subsp. **humilis**

lasiantha Sond.

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 90–430 m. WC

linifolia Bartl. = **A. marginata** subsp. **humilis**

marginata (L.f.) Roem. & Schult. subsp. **humilis** (Eckl. & Zeyh.) Strid

A. humilis Eckl. & Zeyh. var. *glabra* Sond. (1)

A. humilis Eckl. & Zeyh. var. *imbricata* Sond. (1)

A. humilis Eckl. & Zeyh. var. *pubescent* Sond. (1)

A. linifolia Bartl. (1)

Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 150–600 m. WC

marginata (L.f.) Roem. & Schult. subsp. **marginata**

A. marginata (L.f.) Roem. & Schult. var. *angustata* Sond. (1)

Perennial. Dwarf shrub. Ht 0.1–0.15 m. Alt 450–1600 m. WC

marginata (L.f.) Roem. & Schult. subsp. **mucronata** Strid

Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 600–1000 m. WC

marginata (L.f.) Roem. & Schult. subsp. **serpyllacea** (Bartl.) Strid

A. serpyllacea Bartl. (1)

Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 160–600 m. WC

marginata (L.f.) Roem. & Schult. var. *angustata* Sond. = **A. marginata** subsp. **marginata**

multiflora Strid

Perennial. Dwarf shrub. Ht 0.3–0.7 m. Alt 160–500 m. WC

mundiifolia Eckl. & Zeyh.

Perennial. Dwarf shrub. Ht 0.2–0.7 m. Alt 300–1200 m. WC

obtusata Sond.

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 10–250 m. WC

odoratissima Strid subsp. **odoratissima**

Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 50–250 m. WC

odoratissima Strid subsp. **tenuis** Strid

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt up to 50 m. WC

ovata Thunb. in part = **A. villosa** subsp. **sonderi**

pubescens Sond. = **A. villosa** subsp. **orbicularis**

rotundifolia Eckl. & Zeyh.

Perennial. Shrub, dwarf shrub. Ht 0.4–1 m. Alt 70–190 m. WC

schlechteri Dummer

Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 60–120 m. WC

serpyllacea Bartl. = **A. marginata** subsp. **serpyllacea**

sonderi Dummer = **A. villosa** subsp. **sonderi**

sub-pubescens Sond. = **A. villosa** subsp. **umbellata**

umbellata (J.C.Wendl.) Willd. = **A. villosa** subsp. **umbellata**

umbellata (J.C.Wendl.) Willd. var. *glandulosa* (Roem. & Schult.) Bartl. & H.L.Wendl. = **A. villosa** subsp. **umbellata**

umbellata (J.C.Wendl.) Willd. var. *speciosa* (Sims) Bartl. & H.L.Wendl. = **A. villosa** subsp. **umbellata**

uniflora (L.) Willd.

A. uniflora (L.) Willd. var. *linearis* (Thunb.) Sond. (1)

A. uniflora (L.) Willd. var. *pubescens* Sond. (1)

Diosma uniflora L. (1)

Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 10–1300 m. WC

uniflora (L.) Willd. var. *linearis* (Thunb.) Sond. = **A. uniflora**

uniflora (L.) Willd. var. *pubescens* Sond. = **A. uniflora**

villosa (P.J.Bergius) Licht. ex Roem. & Schult. subsp. **apiculata** Strid

Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 300–1200 m. WC

villosa (P.J.Bergius) Licht. ex Roem. & Schult. subsp. **biseriata** (E.Mey. ex Bartl. & H.L.Wendl.) Strid

A. biseriata E.Mey. ex Bartl. & H.L.Wendl. (1)

Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 300–900 m. WC

villosa (P.J.Bergius) Licht. ex Roem. & Schult. subsp. **imbricata** Strid

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 1200–1800 m. WC

villosa (P.J.Bergius) Licht. ex Roem. & Schult. subsp. **orbicularis** Strid

A. amoena (Lodd.) Bartl. & H.L.Wendl. (1)

A. pubescens Sond. (1)

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 30–520 m. WC

villosa (P.J.Bergius) Licht. ex Roem. & Schult. subsp. **pedicellata** Strid

Perennial. Dwarf shrub. Ht 0.4–0.7 m. Alt 900–1000 m. WC

villosa (P.J.Bergius) Licht. ex Roem. & Schult. subsp. **robusta** Strid

Perennial. Shrub, dwarf shrub. Ht 0.4–1 m. Alt 30–610 m. WC

villosa (P.J.Bergius) Licht. ex Roem. & Schult. subsp. **sonderi** (Dummer) Strid

A. brachyphylla Schtdl. var. *glandulosa* Sond. (1)

A. calycina (Tausch) Steud. (1)

- A. ciliata* Sond. (1)
A. ovata Thunb. in part (1)
A. sonderi Dummer (1)
 Perennial. Shrub, dwarf shrub. Ht 0.2–0.8 m. Alt 160–600 m. WC
- villosa** (P.J.Bergius) Licht. ex Roem. & Schult. subsp.
umbellata (J.C.Wendl.) Strid
A. glandulosa Roem. & Schult. (1)
A. sub-pubesces Sond. (1)
A. umbellata (J.C.Wendl.) Willd. (1)
A. umbellata (J.C.Wendl.) Willd. var. *glandulosa* (Roem. & Schult.) Bartl. & H.L.Wendl. (1)
A. umbellata (J.C.Wendl.) Willd. var. *speciosa* (Sims) Bartl. & H.L.Wendl. (1)
 Perennial. Shrub, dwarf shrub. Ht 0.4–0.9 m. Alt 600–1100 m. WC
- villosa** (P.J.Bergius) Licht. ex Roem. & Schult. subsp.
villosa
A. cuspidata E.Mey. ex Bartl. & H.L.Wendl. var. *glabra* Sond. (1)
A. cuspidata E.Mey. ex Bartl. & H.L.Wendl. var. *villosa* (P.J.Bergius) Sond. (1)
 Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 600–2000 m. WC
- viscida** Eckl. & Zeyh.
 Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 10–350 m. WC
- AGATHOSMA** Willd. 4037000
 (1) Pillans. 1950. *Journal of South African Botany* 16: 55–117.
 (2) Williams. 1973. *Journal of South African Botany* 39: 179–183.
 (3) Williams. 1975. *Journal of South African Botany* 41: 239–268.
 (4) Spreeth. 1976. *Journal of South African Botany* 42: 109–120.
 (5) Williams. 1982. *Journal of South African Botany* 48: 403.
 (6) Williams. 1985. *South African Journal of Botany* 51: 149–151.
- abrupta** Pillans
 Perennial. Dwarf shrub. Ht? Alt up to 250 m. WC
- acerosa** Eckl. & Zeyh. = **A. bisulca**
- acocksii** Pillans
 Perennial. Dwarf shrub. Ht? Alt 800–1400 m. WC
- acutifolia** Sond. = **A. recurvifolia**
- acutissima** Dummer
 Perennial. Dwarf shrub. Ht? Alt up to 800 m. EC
- adenandriflora** Schltr.
 Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 1000–2000 m. WC
- adenocaulis** Kuntze = **A. hirta**
- adnata** Pillans
 Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 1600–2000 m. WC
- aemula** Schltr.
 Perennial. Dwarf shrub. Ht ± 0.5 m. Alt up to 1300 m. WC
- affinis** Sond.
 Perennial. Dwarf shrub. Ht? Alt 1500–1200 m. WC
- alaris** Cham.
 Perennial. Dwarf shrub. Ht? Alt up to 300 m. WC
- alligans** Williams
 Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 1000–1500 m. WC
- alpina** Schltr.
 Perennial. Dwarf shrub. Ht? Alt ± 2100 m. WC
- alticola** Schltr. ex Dummer
 Perennial. Dwarf shrub. Ht? Alt 1000–1900 m. WC

- anomala** E.Mey. ex Sond.
 Perennial. Dwarf shrub. Ht? Alt 900–2200 m. WC
- apiculata** G.Mey.
 Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt up to 300 m. WC, EC
- asperifolia** Eckl. & Zeyh.
 Perennial. Dwarf shrub. Ht 0.5–0.6 m. Alt ± 1200 m. WC
- barnesiae** Compton
 Perennial. Dwarf shrub. Ht ± 0.5 m. Alt 700–2100 m. WC
- barosmaefolia** Eckl. & Zeyh. = **A. bisulca**
- barosmoides** Sond. = **A. puberula**
- bathii** (Dummer) Pillans
Barosma bathii Dummer (1)
 Perennial. Dwarf shrub. Ht ± 0.3 m. Alt ± 1500–2000 m. WC
- betulina** (P.J.Bergius) Pillans
Barosma betulina Bartl. & H.L.Wendl. (1)
Hartogia betulina P.J.Bergius (1)
 Perennial. Shrub, dwarf shrub. Ht 0.6–1 m. Alt 800–2000 m. WC
- bicolor** Dummer
 Perennial. Dwarf shrub. Ht? Alt 200–500 m. WC
- bicornuta** R.A.Dyer
 Perennial. Dwarf shrub. Ht? Alt? EC
- bifida** (Jacq.) Bartl. & H.L.Wendl.
A. gracilicaulis Sond. (1)
A. lediformis Eckl. & Zeyh. (1)
A. montana Schldtl. (1)
A. monticola Sond. (1)
A. nigromontana Eckl. & Zeyh. (1)
A. struthioloides Dummer (1)
A. umbellata (Thunb.) Sond. (1)
 Perennial. Shrub, dwarf shrub. Ht 0.2–0.8 m. Alt 5–1900 m. WC
- bisulca** (Thunb.) Bartl. & H.L.Wendl.
A. acerosa Eckl. & Zeyh. (1)
A. barosmaefolia Eckl. & Zeyh. (1)
 Perennial. Shrub, dwarf shrub. Ht 0.6–1.5 m. Alt 30–1000 m. NC, WC
- blaerioides** Cham. & Schldtl.
 Perennial. Dwarf shrub. Ht 0.4–1.3 m. Alt 400–1000 m. WC, EC
- bodkinii** Dummer
 Perennial. Dwarf shrub. Ht? Alt ± 5 m. WC
- burchellii** Dummer = **A. foetidissima**
- capensis** (L.) Dummer
A. chortophila Eckl. & Zeyh. (1)
A. decumbens Eckl. & Zeyh. (1)
A. delicatula Compton (1)
A. erecta (J.C.Wendl.) Bartl. & H.L.Wendl. (1)
A. ericoides Schldtl. (1)
A. fastigiata Eckl. & Zeyh. (1)
A. gillivrayi Sond. (1)
A. hirtella Sond. (1)
A. lactea Schltr. (1)
A. muizenbergensis Dummer (1)
A. neglecta Dummer (1)
A. nigra Eckl. & Zeyh. (1)
A. patula G.Mey. (1)
A. platypetala Eckl. & Zeyh. (1)
A. tenuis Sond. (1)
A. variabilis Sond. (1)
 Perennial. Shrub, dwarf shrub. Ht 0.2–2 m. Alt 15–1800 m. NC, WC, EC

- capitata** Sond.
Perennial. Dwarf shrub. Ht? Alt? WC
- cedrimontana** Dummer
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt? WC
- cephalodes** E.Mey. ex Sond.
Perennial. Dwarf shrub. Ht? Alt? WC
- cerefolium** (Vent.) Bartl. & H.L.Wendl.
A. melaleucoides Sond. (1)
A. microphylla G.Mey. ex Bartl. & H.L.Wendl. (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.9 m. Alt 15–1500 m. WC
- chortophila* Eckl. & Zeyh. = **A. capensis**
- ciliaris** (L.) Druce
A. rugosa (Thunb.) Link (1)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.8 m. Alt 5–900 m. WC
- ciliata** (L.) Link
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt 180–760 m. WC
- clavispala** R.A.Dyer
Perennial. Dwarf shrub. Ht 0.5–0.7 m. Alt 120–400 m. EC
- collina** Eckl. & Zeyh.
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 15–1000 m. WC
- commutata* Sond. = **A. virgata**
- concava** Pillans
Perennial. Dwarf shrub. Ht? Alt? WC
- conferta** Pillans
Perennial. Dwarf shrub. Ht? Alt? WC
- cordifolia** Pillans
Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt 90–900 m. WC
- corymbosa** (Montin) G.Don
A. ventenatiana (Roem. & Schult.) Bartl. & H.L.Wendl. (1)
Diosma corymbosa Montin (1)
Perennial. Dwarf shrub. Ht? Alt? WC
- craspedota** Sond.
A. denticulata Dummer (1)
A. utilis Dummer (1)
Perennial. Dwarf shrub. Ht? Alt? WC
- crassifolia** Sond.
Perennial. Dwarf shrub. Ht? Alt? WC
- crenulata** (L.) Pillans
Barosma crenulata Hook. (1)
Perennial. Shrub. Ht 1–3 m. Alt 200–1700 m. WC
- crenulata* (L.) Pillans in part = **A. serratifolia**
- cuspidata* (J.C.Wendl.) Bartl. & H.L.Wendl. = **A. serpyllacea**
- decora* Dummer = **A. pentachotoma**
- decumbens* Eckl. & Zeyh. = **A. capensis**
- decurrens** Pillans
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt? WC
- delicatula* Compton = **A. capensis**
- dentata** Pillans
Perennial. Dwarf shrub. Ht ± 0.3 m. Alt? WC
- denticulata* Dummer = **A. craspedota**
- dielsiana** Schltr. ex Dummer
Perennial. Shrub, dwarf shrub. Ht 0.2–1.7 m. Alt 5–185 m. WC
- distans** Pillans
Perennial. Shrub. Ht 0.6–1 m. Alt 900–1100 m. WC
- divaricata** Pillans
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt ± 1460 m. WC
- dodii* Dummer = **A. serpyllacea**
- dregeana** Sond.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt? WC
- eckloniana* Schltld. = **A. serpyllacea**
- elata** Sond.
Perennial. Dwarf shrub. Ht? Alt? WC
- elegans** Cham. & Schltld.
A. pubescens Sond., not of Willd., also not of G.Don (1)
Perennial. Shrub. Ht 0.7–0.9 m. Alt 300–1000 m. WC
- erecta* (J.C.Wendl.) Bartl. & H.L.Wendl. = **A. capensis**
- eriantha** (Steud.) Steud.
A. schlehtendalii Sond. (1)
A. viscida Dummer (1)
Perennial. Shrub. Ht 0.5–1.7 m. Alt 15–610 m. WC
- ericoides* Schltld. = **A. capensis**
- esterhuyseniae** Pillans
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt? WC
- fastigiata* Eckl. & Zeyh. = **A. capensis**
- filamentosa* Schltr. = **A. serpyllacea**
- filipetala* Eckl. & Zeyh. = **A. stenopetala**
- florida** Sond.
Perennial. Dwarf shrub. Ht? Alt? WC
- florulenta** Sond.
Perennial. Dwarf shrub. Ht? Alt? WC
- foetidissima** (Bartl. & H.L.Wendl.) Steud.
A. burchellii Dummer (1)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 70–300 m. WC
- foleyana** Dummer
Perennial. Dwarf shrub. Ht? Alt? WC
- foliosa* Sond. = **A. marifolia**
- fraudulenta** Sond.
Perennial. Dwarf shrub. Ht? Alt? Distr.?
- froemblingii* Dummer = **A. spinescens**
- geniculata** Pillans
Perennial. Dwarf shrub. Ht 0.4–0.5 m. Alt ± 140 m. WC
- gibbosa* Dummer = **A. serpyllacea**
- giftbergensis** E.Phillips
Perennial. Dwarf shrub. Ht? Alt? WC
- gillivrayi* Sond. = **A. capensis**
- glabrata** Bartl. & H.L.Wendl.
A. villosa Willd. (1)
Perennial. Dwarf shrub. Ht? Alt? WC
- glandulosa** (Thunb.) Sond.
Perennial. Dwarf shrub. Ht? Alt? WC
- gnidiiflora** Dummer
Perennial. Dwarf shrub. Ht? Alt? WC
- gnidioides* Schltld. = **A. puberula**
- gonaquensis** Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht? Alt? EC

- gracilicaulis* Sond. = **A. bifida**
- hirsuta** Pillans
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt ± 1500 m. WC
- hirta** (Lam.) Bartl. & H.L.Wendl.
A. adenocaulis Kuntze (1)
Perennial. Dwarf shrub. Ht? Alt? EC
- hirtella** Sond. = **A. capensis**
- hispida** (Thunb.) Bartl. & H.L.Wendl.
Perennial. Dwarf shrub. Ht? Alt? WC
- hookeri** Sond.
Perennial. Dwarf shrub. Ht? Alt? WC
- humilis** Sond.
Perennial. Dwarf shrub. Ht? Alt? WC
- imbricata** (L.) Willd.
A. lycopodioides Bartl. & H.L.Wendl. (1)
Perennial. Dwarf shrub. Ht? Alt? WC
- insignis** (Compton) Pillans
Barosma insignis Compton (1)
Perennial. Shrub. Ht 1.1–1.4 m. Alt 600–800 m. WC
- involucrata** Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht? Alt? WC
- joubertiana** Schltldl.
Perennial. Dwarf shrub. Ht? Alt? WC
- juniperifolia** Bartl.
Perennial. Shrub, dwarf shrub. Ht up to 2.4 m. Alt 30–610 m. WC
- kougaense** Pillans
Perennial. Dwarf shrub. Ht? Alt up to 1000 m. EC
- krakadouwensis** Dummer
Perennial. Dwarf shrub. Ht? Alt? WC
- lactea** Schltr. = **A. capensis**
- lanceolata** (L.) Engl.
A. perditia Hutch.
A. wrightii MacOwan (1)
Perennial. Dwarf shrub. Ht? Alt? WC
- lancifolia** Eckl. & Zeyh.
Perennial. Ht? Alt? WC
- latipetala** Sond.
Perennial. Dwarf shrub. Ht? Alt? WC
- lediformis** Eckl. & Zeyh. = **A. bifida**
- leptospermoides** Sond.
Perennial. Dwarf shrub. Ht? Alt? WC
- linifolia** (Roem. & Schult.) Licht. ex Bartl. & H.L.Wendl.
Perennial. Dwarf shrub. Ht? Alt? WC
- longicornu** Pillans
Perennial. Dwarf shrub. Ht? Alt? WC
- lycopodioides** Bartl. & H.L.Wendl. = **A. imbricata**
- marifolia** Eckl. & Zeyh.
A. foliosa Sond. (1)
Perennial. Dwarf shrub. Ht? Alt? WC
- marlothii** Dummer
Perennial. Shrub. Ht 0.4–0.9 m. Alt 1000–2200 m. WC
- martiana** Sond.
Perennial. Dwarf shrub. Ht? Alt? EC
- melaleucoides** Sond. = **A. cerefolium**
- microcalyx** Dummer
Perennial. Dwarf shrub. Ht? Alt? WC
- microcarpa** (Sond.) Pillans
Perennial. Dwarf shrub. Ht? Alt? WC
- microphylla** G.Mey. ex Bartl. & H.L.Wendl. = **A. cerefolium**
- minuta** Schltldl.
Perennial. Dwarf shrub. Ht? Alt? WC
- mirabilis** Pillans
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt? WC
- mixta** Dummer = **A. peglerae**
- montana** Schltldl. = **A. bifida**
- monticola** Sond. = **A. bifida**
- mucronulata** Sond.
A. mucronulata Sond. var. *rudolphii* Dummer (1)
Perennial. Dwarf shrub. Ht? Alt? EC
- mucronulata** Sond. var. *rudolphii* Dummer = **A. mucronulata**
- muirii** E.Phillips
Perennial. Dwarf shrub. Ht? Alt? WC
- muizenbergensis** Dummer = **A. capensis**
- mundtii** Cham. & Schltldl.
A. nivenii Sond. (1)
A. sonderiana Dummer (1)
Perennial. Dwarf shrub. Ht? Alt? WC, EC
- namaquensis** Pillans
Perennial. Dwarf shrub. Ht? Alt? NC
- neglecta** Dummer = **A. capensis**
- nigra** Eckl. & Zeyh. = **A. capensis**
- nigromontana** Eckl. & Zeyh. = **A. bifida**
- nivenii** Sond. = **A. mundtii**
- odoratissima** (Montin) Pillans
Barosma latifolia (L.f.) Roem. & Schult. (1)
Barosma pulchra Cham. & Schltldl. (1)
Diosma odoratissima Montin (1)
Perennial. Shrub, dwarf shrub. Ht 0.6–1 m. Alt 600–2000 m. WC
- orbicularis** (Thunb.) Bartl. & H.L.Wendl.
Perennial. Dwarf shrub. Ht? Alt? WC
- ovalifolia** Pillans
A. punctata Sond., not of G.Don (1)
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt ± 1400 m. WC, EC?
- ovata** (Thunb.) Pillans
Barosma acutata Sond. (1)
Barosma oblonga (Roem. & Schult.) Bartl. & H.L.Wendl. (1)
Barosma ovata (J.C.Wendl.) Bartl. & H.L.Wendl. (1)
Barosma scoparia Eckl. & Zeyh. (1)
Diosma ovata Thunb. (1)
Perennial. Shrub, dwarf shrub. Ht 0.5–2 m. Alt 0–2000 m. KZN, L, WC, EC
- pallens** Pillans
Perennial. Dwarf shrub. Ht? Alt? WC
- parviflora** (Roem. & Schult.) Bartl. & H.L.Wendl. = **A. virgata**
- pattisoniae** Dummer
Perennial. Dwarf shrub. Ht? Alt? WC
- patula** G.Mey. = **A. capensis**
- peglerae** Dummer
A. mixta Dummer (1)

- Perennial. Dwarf shrub. Ht? Alt? EC
- pentachotoma** E.Mey. ex Sond.
A. decora Dummer (1)
Perennial. Dwarf shrub. Ht? Alt? WC
- perdita* Hutch. = **A. lanceolata**
- phillipsii** Dummer
Perennial. Dwarf shrub. Ht? Alt? WC
- pilifera** Schltld.
Perennial. Dwarf shrub. Ht? Alt? EC
- planifolia** Sond.
Perennial. Dwarf shrub. Ht? Alt? WC
- platypetala* Eckl. & Zeyh. = **A. capensis**
- propinqua** Sond.
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt? WC
- puberula** (Steud.) Fourc.
A. barosmoides Sond. (1)
A. gnidioides Schltld. (1)
Perennial. Dwarf shrub. Ht 1–1.5 m. Alt up to 1200 m.
EC
- pubescens* Sond., not of Willd., also not of G.Don = **A. elegans**
- pubigera** Sond.
Perennial. Dwarf shrub. Ht? Alt? WC
- pulchella** (L.) Link
Barosma pulchella (L.) Bartl. & H.L.Wendl. (1)
Perennial. Dwarf shrub. Ht? Alt? WC
- punctata* Sond., not of G.Don = **A. ovalifolia**
- pungens** (E.Mey. ex Sond.) Pillans
Barosma pungens E.Mey. ex Sond. (1)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt? WC
- purpurea** Pillans
Perennial. Dwarf shrub. Ht 0.5–0.7 m. Alt up to 2000 m. WC
- recurvifolia** Sond.
A. acutifolia Sond. (1)
Perennial. Dwarf shrub. Ht? Alt? WC, EC
- rehmanniana** Dummer
Perennial. Dwarf shrub. Ht? Alt? WC
- riversdalensis** Dummer
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt? WC
- robusta** Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht? Alt? WC
- roodebergensis** Compton
Perennial. Dwarf shrub. Ht ± 0.7 m. Alt? WC
- rosmarinifolia** (Bartl.) I.Williams
Acmadenia rosmarinifolia Bartl. (2)
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 580–800 m.
WC
- rubra* Willd. & Licht. ex Bartl. & H.L.Wendl. = **A. serpyllacea**
- rubricaulis** Dummer
Perennial. Shrub. Ht ± 1 m. Alt? WC
- rudolphii** I.Williams
Acmadenia marlothii Dummer (3)
Perennial. Dwarf shrub. Ht? Alt? WC
- rugosa* (Thunb.) Link = **A. ciliaris**
- sabulosa** Sond.
Perennial. Dwarf shrub. Ht? Alt? WC
- salina** Eckl. & Zeyh.
Perennial. Dwarf shrub. Ht? Alt? WC
- scaberula** Dummer
Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 150–400 m.
WC
- schlechtendalii* Sond. = **A. eriantha**
- sedifolia** Schltld.
Perennial. Dwarf shrub. Ht? Alt? WC
- serpyllacea** Licht. ex Roem. & Schult.
A. cuspidata (J.C.Wendl.) Bartl. & H.L.Wendl. (1)
A. dodii Dummer (1)
A. eckloniana Schltld. (1)
A. filamentosa Schltr. (1)
A. gibbosa Dummer (1)
A. rubra Willd. & Licht. ex Bartl. & H.L.Wendl. (1)
Diosma eckloniana (Schltld.) D.Dietr. (1)
Perennial. Dwarf shrub. Ht? Alt? WC, EC
- serratifolia** (Curtis) Spreeth
A. crenulata (L.) Pillans in part (4)
Barosma serratifolia (Vent.) Willd. (4)
Perennial. Dwarf shrub. Ht? Alt? WC
- sladeniana** P.E.Glover
Perennial. Dwarf shrub. Ht? Alt? WC
- sonderiana* Dummer = **A. mundtii**
- spinescens** Dummer
A. froemblingii Dummer (1)
Perennial. Dwarf shrub. Ht? Alt? WC
- spinosa** Sond.
Perennial. Dwarf shrub. Ht? Alt? WC
- squamosa** (Roem. & Schult.) Bartl. & H.L.Wendl.
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 790–1600 m. WC
- stenopetala** (Steud.) Steud.
A. filipetala Eckl. & Zeyh. (1)
Perennial. Dwarf shrub. Ht? Alt? EC
- stenosepala** Pillans
Perennial. Dwarf shrub. Ht ± 0.6 m. Alt? WC
- stilbeoides** Dummer
Perennial. Dwarf shrub. Ht? Alt? WC
- stipitata** Pillans
Perennial. Dwarf shrub. Ht 0.6–0.7 m. Alt 790–1400 m. WC
- stokoei** Pillans
Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt ± 915 m.
WC
- struthioloides* Dummer = **A. bifida**
- subteretifolia** Pillans
Perennial. Dwarf shrub. Ht ± 0.4 m. Alt? WC
- tabularis** Sond.
Barosma pulchella (L.) Bartl. & H.L.Wendl. var. *tabularis* Dummer (1)
Perennial. Dwarf shrub. Ht? Alt? WC
- tenuis* Sond. = **A. capensis**
- thymifolia** Schltld.
Perennial. Dwarf shrub. Ht? Alt? WC
- trichocarpa** Holmes
Perennial. Dwarf shrub. Ht? Alt? WC
- tulbaghensis** Dummer
Perennial. Dwarf shrub. Ht 0.7–1 m. Alt? WC
- umbellata* (Thunb.) Sond. = **A. bifida**

umbonata Pillans

Perennial. Dwarf shrub. Ht 0.5–0.7 m. Alt ± 1100–1600 m. WC

unicarpellata (Fourc.) Pillans

Perennial. Dwarf shrub. Ht ± 0.2 m. Alt? EC

utilis Dummer = **A. craspedota****variabilis** Sond. = **A. capensis****ventenatiana** (Roem. & Schult.) Bartl. & H.L.Wendl. = **A. corymbosa****venusta** (Eckl. & Zeyh.) Pillans

Perennial. Dwarf shrub. Ht? Alt? WC, EC

villosa Willd. = **A. glabrata****virgata** (Lam.) Bartl. & H.L.Wendl.

A. commutata Sond. (1)

A. parviflora (Roem. & Schult.) Bartl. & H.L.Wendl. (1)

Diosma virgata Lam. (5)

Perennial. Shrub. Ht ± 1 m. Alt 300–2400 m. WC

viscida Dummer = **A. eriantha****wrightii** MacOwan = **A. lanceolata****zwartbergense** Pillans

Perennial. Dwarf shrub. Ht ± 0.2 m. Alt 1800–2200 m. WC

BAROSMA Wild 4036000**acutata** Sond. = **Agathosma ovata****bathii** Dummer = **Agathosma bathii****betulina** Bartl. & H.L.Wendl. = **Agathosma betulina****crenulata** Hook. = **Agathosma crenulata****insignis** Compton = **Agathosma insignis****latifolia** (L.f.) Roem. & Schult. = **Agathosma odoratissima****oblonga** (Roem. & Schult.) Bartl. & H.L.Wendl. = **Agathosma ovata****ovata** (J.C.Wendl.) Bartl. & H.L.Wendl. = **Agathosma ovata****pulchella** (L.) Bartl. & H.L.Wendl. = **Agathosma pulchella****pulchella** (L.) Bartl. & H.L.Wendl. var. **tabularis**
Dummer = **Agathosma tabularis****pulchra** Cham. & Schldtl. = **Agathosma odoratissima****pungens** E.Mey. ex Sond. = **Agathosma pungens****scoparia** Eckl. & Zeyh. = **Agathosma ovata****serratifolia** (Vent.) Willd. = **Agathosma serratifolia****CALODENDRUM** Thunb. 4035000

(1) Dyer. 1948. *The Flowering Plants of Africa* 27: t. 1041.

(2) Mendonça. 1963. *FZ* 2: 181–183.

capense (L.f.) Thunb.

Perennial. Tree. Ht 7–22 m. Alt 5–2000 m. LIM, NW, G, M, S, KZN, L, WC, EC

CITROPSIS (Engl.) Swingle & M.Kellerm. 4092010

(1) Mendonça. 1963. *FZ* 2: 193–195.

daweana Swingle & M.Kellerm.

Perennial. Tree or shrub. Ht 3–7 m. Alt 900–1100 m. N, B

CLAUSENA Burm.f. 4091000

(1) Mendonça. 1963. *FZ* 2: 191–193.

(2) Molino. 1994. *Bulletin du Muséum National d'Histoire Naturelle, Paris* 16: 129–132.

anisata (Willd.) Hook.f. ex Benth. var. **anisata**

C. anisata (Willd.) Hook.f. ex Benth. subsp. *abyssinica* (Engl.) Cufod. (2)

C. inaequalis (DC.) Benth. (1)

C. inaequalis (DC.) Benth. var. *abyssinica* Engl. (1)

Perennial. Tree or shrub. Ht 3–10 m. Alt 0–2200 m. LIM, M, S, FS, KZN, WC, EC

anisata (Willd.) Hook.f. ex Benth. subsp. *abyssinica* (Engl.) Cufod. = **C. anisata** var. **anisata**

inaequalis (DC.) Benth. = **C. anisata** var. **anisata**

inaequalis (DC.) Benth. var. *abyssinica* Engl. = **C. anisata** var. **anisata**

COLEONEMA Bartl. & H.L.Wendl. 4039000

(1) Williams. 1981. *Journal of South African Botany* 47: 63–102.

album (Thunb.) Bartl. & H.L.Wendl.

Perennial. Shrub, dwarf shrub. Ht 0.6–1.8 m. Alt 0–760 m. WC

aspalathoides Juss. ex Don

Perennial. Shrub, dwarf shrub. Ht 0.5–1.3 m. Alt 120–900 m. WC, EC

calycinum (Steud.) I.Williams

Perennial. Shrub. Ht 1.7–2.7 m. Alt 5–1200 m. WC

gracile Schltr. = **C. nubigenum****juniperinum** Sond.

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 120–1400 m. NC, WC

nubigenum Esterh.

C. gracile Schltr. (1)

Perennial. Shrub. Ht 0.7–1 m. Alt 900–1500 m. WC

pulchellum I.Williams

Perennial. Shrub, dwarf shrub. Ht 0.7–1 m. Alt 0–200 m. WC, EC

pulchrum Hook.

Perennial. Shrub. Ht 0.7–1.3 m. Alt 300–1400 m. WC

virgatum (Schldtl.) Eckl. & Zeyh.

Perennial. Shrub. Ht 0.6–1.6 m. Alt 300–1200 m. WC

DIOSMA L. 4041000

(1) Williams. 1982. *Journal of South African Botany* 48: 329–407.

acmaeophylla Eckl. & Zeyh.

Perennial. Shrub, dwarf shrub. Ht 0.5–2.5 m. Alt 120–1800 m. NC, WC

ambigua Bartl. & H.L.Wendl. = **D. hirsuta****apetala** (Dummer) I.Williams

D. bolusii Glover (1)

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 900–1700 m. WC, EC

arenicola I.Williams

Perennial. Shrub. Ht up to 1.5 m. Alt 5–180 m. WC

aristata I.Williams

Perennial. Dwarf shrub. Ht 0.6–0.7 m. Alt up to 200 m. WC

aspalathoides Lam.

Perennial. Shrub. Ht 1–1.3 m. Alt 30–180 m. WC

awilana I.Williams

Perennial. Shrub. Ht 1–1.3 m. Alt 45–100 m. WC

bolusii Glover = **D. apetalata**

corymbosa Montin = **Agathosma corymbosa**

decussata Lam. = **D. oppositifolia**

demissa I. Williams

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 5–30 m. WC

dichotoma P.J. Bergius

Perennial. Dwarf shrub. Ht 0.5–0.6 m. Alt 10–60 m. WC

echinulata I. Williams

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 20–185 m. WC

eckloniana (Schltdl.) D. Dietr. = **Agathosma serpyllacea**

fallax I. Williams

Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 150–600 m. WC

guthriei P.E. Glover

Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 10–100 m. WC

haelkraalensis I. Williams

Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 80–200 m. WC

hirsuta L.

D. ambigua Bartl. & H.L. Wendl. (1)

D. longifolia J.C. Wendl. (1)

D. pectinata Thunb. (1)

D. rubra L. (1)

D. vulgaris Schltdl. (1)

D. vulgaris Schltdl. var. *hirsuta* (L.) Sond. (1)

D. vulgaris Schltdl. var. *longifolia* (J.C. Wendl.) Sond. (1)

D. vulgaris Schltdl. var. *rubra* Sond. (1)

Perennial. Shrub. Ht 1–1.5 m. Alt 30–200 m. WC, EC

longifolia J.C. Wendl. = **D. hirsuta**

meyeriana Spreng.

D. virgata G. Mey. ex Bartl. & H.L. Wendl., not of Lam., illegitimate name (1)

Perennial. Shrub, dwarf shrub. Ht 0.4–1 m. Alt 200–1500 m. WC

obtusifolia Sond. = **D. passerinoides**

odoratissima Montin = **Agathosma odoratissima**

oppositifolia L.

D. decussata Lam. (1)

D. succulenta P.J. Bergius var. *bergiana* Sond. (1)

Perennial. Shrub, dwarf shrub. Ht 0.15–1 m. Alt 20–700 m. WC

ovata Thunb. = **Agathosma ovata**

parvula I. Williams

Perennial. Shrub, dwarf shrub. Ht 0.4–1.5 m. Alt 60–270 m. WC

passerinoides Steud.

D. obtusifolia Sond. (1)

Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 40–900 m. WC, EC

pectinata Thunb. = **D. hirsuta**

pedicellata I. Williams

Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 15–600 m. WC

pilosa I. Williams

Perennial. Dwarf shrub. Ht 0.3–0.7 m. Alt 450–1000 m. WC

prama I. Williams

Perennial. Shrub, dwarf shrub. Ht up to 1.5 m. Alt 200–1700 m. WC, EC

ramosissima Bartl. & H.L. Wendl.

Perennial. Shrub. Ht 1–1.7 m. Alt 120–1200 m. NC, WC

recurva Cham.

Perennial. Shrub, dwarf shrub. Ht 0.7–1 m. Alt 600–1200 m. WC

rourkei I. Williams

Perennial. Shrub. Ht 1–2 m. Alt 530–1500 m. EC

rubra L. = **D. hirsuta**

sabulosa I. Williams

Perennial. Shrub. Ht 0.7–1.4 m. Alt 15–280 m. WC

strumosa I. Williams

Perennial. Shrub. Ht 0.8–1.2 m. Alt 690–800 m. WC

subulata J.C. Wendl.

Perennial. Shrub. Ht 0.7–1.8 m. Alt 5–100 m. WC

succulenta P.J. Bergius var. *bergiana* Sond. = **D. oppositifolia**

tenella I. Williams

Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 10–180 m. WC

teretifolia Link = **Acmadenia teretifolia**

thyrsochora Eckl. & Zeyh.

Perennial. Shrub. Ht 1–3 m. Alt 200–1000 m. WC

uniflora L. = **Adenandra uniflora**

virgata G. Mey. ex Bartl. & H.L. Wendl., not of Lam., illegitimate name = **D. meyeriana**

virgata Lam. = **Agathosma virgata**

vulgaris Schltdl. = **D. hirsuta**

vulgaris Schltdl. var. *hirsuta* (L.) Sond. = **D. hirsuta**

vulgaris Schltdl. var. *longifolia* (J.C. Wendl.) Sond. = **D. hirsuta**

vulgaris Schltdl. var. *rubra* Sond. = **D. hirsuta**

wittebergensis Compton = **Acmadenia wittebergensis**

EMPLEURUM Sol. ex Aiton 4046000

(1) Williams. 1984. *Journal of South African Botany* 50: 425–434.

fragrans P.E. Glover

Perennial. Tree, shrub. Ht 1.5–2 m. Alt 940–1220 m. WC

serrulatum Sol. ex Aiton = **E. unicusulare**

unicusulare (L.f.) Skeels

E. serrulatum Sol. ex Aiton (1)

Perennial. Tree, shrub. Ht 0.3–5 m. Alt 24–1500 m. WC, EC

EUCHAETIS Bartl. & H.L. Wendl. 4043000

(1) Williams. 1981. *Journal of South African Botany* 47: 157–193.

albertiniana I. Williams

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 60–300 m. WC

avisylvana I. Williams

Perennial. Shrub. Ht 0.5–1 m. Alt 300–600 m. WC

bolusii Dummer = **E. longibracteata**

burchellii Dummer

Perennial. Shrub, dwarf shrub. Ht 0.5–1.2 m. Alt 30–250 m. WC

crisagalli I. Williams

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 600–1220 m. EC

diosmoides (Schltr.) I. Williams

Acmadenia diosmoides Schltr. (1)

Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 100–350 m. WC

dubia Sond. = **Macrostylis cassiopoides** subsp. **cassiopoides**

dubia Sond. var. *dregeana* Sond. = **Macrostylis cassiopoides** subsp. **dregeana**

dubia Sond. var. *pauciflora* Sond. = **Macrostylis cassiopoides** subsp. **cassiopoides**

elata Eckl. & Zeyh.

Perennial. Shrub. Ht 0.7–1 m. Alt 200–1500 m. WC

elsieae I. Williams

Perennial. Shrub, dwarf shrub. Ht 0.4–1.5 m. Alt 1000–2000 m. NC, WC

ericoides Dummer

Perennial. Shrub, dwarf shrub. Ht 0.4–0.7 m. Alt 600–1400 m. WC

esterhuyseniae I. Williams

Perennial. Shrub, dwarf shrub. Ht 0.5–0.8 m. Alt 1200–1900 m. WC

flexilis Eckl. & Zeyh.

Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 600–1600 m. WC

glabra I. Williams

Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt 800–1350 m. WC

glomerata Bartl. & H.L. Wendl.

Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 480–1700 m. WC

intonsa I. Williams

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 80–130 m. WC

laevigata Turcz.

Acmadenia assimilis Sond. (1)

Acmadenia laevigata Sond. (1)

Perennial. Shrub, dwarf shrub. Ht 0.6–0.8 m. Alt 90–120 m. WC

linearis Sond.

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 360–1800 m. WC

longibracteata Schltr.

E. bolusii Dummer (1)

E. radiata Dummer (1)

Perennial. Shrub, dwarf shrub. Ht 0.2–0.8 m. Alt 35–200 m. WC

longicornis I. Williams

Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 240–250 m. WC

meridionalis I. Williams

Perennial. Shrub. Ht 0.9–1.5 m. Alt 15–60 m. WC

pungens (Bartl. & H.L. Wendl.) I. Williams

Acmadenia pungens Bartl. & H.L. Wendl. (1)

Perennial. Shrub, dwarf shrub. Ht 0.6–0.7 m. Alt 210–760 m. WC

radiata Dummer = **E. longibracteata**

scabricosta I. Williams

Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 15–140 m. WC

schlechteri Schinz

Perennial. Dwarf shrub. Ht 0.25–0.35 m. Alt 120–300 m. WC

tricarpellata I. Williams

Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 490–640 m. WC

uniflora E. Phillips = **Acmadenia obtusata**

vallis-simiae I. Williams

Perennial. Shrub. Ht 0.7–1.2 m. Alt 900–1000 m. EC

FAGARA L. 3991000

capensis Thunb. = **Zanthoxylum capense**

davyi I. Verd. = **Zanthoxylum davyi**

humilis E.A. Bruce = **Zanthoxylum humile**

leprieurii (Guill. & Perr.) Engl. = **Zanthoxylum leprieurii**

magalismontana Engl. = **Zanthoxylum capense**

ovatifoliolata Engl. = **Zanthoxylum ovatifoliolatum**

thorncroftii I. Verd. = **Zanthoxylum thorncroftii**

HARTOGIA L. 4037010

betulina P.J. Bergius = **Agathosma betulina**

MACROSTYLIS Bartl. & H.L. Wendl. 4044000

(1) Williams. 1981. *Journal of South African Botany* 47: 373–403.

barbigera (L.f.) Bartl. & H.L. Wendl.

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 600–900 m. WC

cassiopoides (Turcz.) I. Williams subsp. **cassiopoides**

Euchaetis dubia Sond. (1)

Euchaetis dubia Sond. var. *pauciflora* Sond. (1)

Perennial. Shrub. Ht 0.7–1.5 m. Alt 300–400 m. WC

cassiopoides (Turcz.) I. Williams subsp. **dregeana** (Sond.) I. Williams

Euchaetis dubia Sond. var. *dregeana* Sond. (1)

Perennial. Dwarf shrub. Ht 0.5–0.7 m. Alt 65–180 m. WC

cauliflora I. Williams

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 60–160 m. WC

crassifolia Sond.

M. crassifolia Sond. var. *affinis* Sond. (1)

Perennial. Shrub. Ht 0.7–1 m. Alt 30–330 m. WC

crassifolia Sond. var. *affinis* Sond. = **M. crassifolia**

decipiens E. Mey. ex Sond.

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 250–1500 m. WC

hirta E. Mey. ex Sond.

M. hirta E. Mey. ex Sond. var. *glabrata* Sond. (1)

Perennial. Shrub, dwarf shrub. Ht 0.1–0.9 m. Alt 300–500 m. WC

hirta E. Mey. ex Sond. var. *glabrata* Sond. = **M. hirta**

lanceolata Bartl. & H.L.Wendl. = **M. villosa** subsp. **villosa**

ovata Sond. = **M. tenuis**

patersoniae Schönland = **Acmadenia obtusata**

ramulosa I. Williams

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 740–1000 m. WC

squarrosa Bartl. & H.L.Wendl.

Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 260–850 m. NC, WC

tenuis E.Mey. ex Sond.

M. ovata Sond. (1)

Perennial. Shrub, dwarf shrub. Ht 0.15–0.9 m. Alt 200–1800 m. WC

villosa (Thunb.) Sond. subsp. **minor** I. Williams

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt? WC

villosa (Thunb.) Sond. subsp. **villosa**

M. lanceolata Bartl. & H.L.Wendl. (1)

M. villosa (Thunb.) Sond. var. *glabrata* Sond. (1)

Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 30–300 m. WC

villosa (Thunb.) Sond. var. *glabrata* Sond. = **M. villosa** subsp. **villosa**

ORICIA Pierre 4070000

(1) Verdoorn. 1926. *Kew Bulletin* 1926: 413–415.

(2) Mendonça. 1963. *FZ* 2: 195–197.

(3) Coates Palgrave. 1977. *Trees of southern Africa*: 345.

bachmannii (Engl.) I. Verd.

O. swynnertonii (Baker f.) I. Verd. (3)

O. transvaalensis I. Verd. (3)

Perennial. Tree. Ht 5–15 m. Alt 5–900 m. LIM, M, S, KZN, EC

swynnertonii (Baker f.) I. Verd. = **O. bachmannii**

transvaalensis I. Verd. = **O. bachmannii**

PHYLLOSMA Bolus ex Schltr. 4042000

(1) Williams. 1981. *Journal of South African Botany* 47: 755–760.

barosmoides (Dummer) I. Williams

Acmadenia barosmoides Dummer (1)

Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 1500–1800 m. WC

capensis Bolus

Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 750–1400 m. WC

PTAEROXYLON Eckl. & Zeyh. 4157000

(1) White & Styles. 1963. *FZ* 2: 547–550.

(2) White & Styles. 1986. *FSA* 18: 35–37.

obliquum (Thunb.) Radlk.

P. utile Eckl. & Zeyh. (1)

Perennial. Tree. Ht 0.1–30 m. Alt 30–1370 m. N, B, LIM, M, S, KZN, WC, EC

utile Eckl. & Zeyh. = **P. obliquum**

***RUTA** L. 4012000

(1) Townsend. 1967. *Flora of Turkey* 2: 495, 496.

(2) Townsend. 1968. *Flora europaea* 2: 227.

graveolens L.

Perennial. Shrub, dwarf shrub, herb. Ht 0.7–1.5 m. Alt 50–950 m. M, NC, WC, EC

SHEILANTHERA I. Williams 4042010

(1) Williams. 1981. *Journal of South African Botany* 47: 761–764.

pubens I. Williams

Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt 1300–1600 m. WC

TECLEA Delile 4085000

(1) Verdoorn. 1926. *Kew Bulletin* 1926: 406–408.

(2) Mendonça. 1963. *FZ* 2: 205–209.

(3) Schmidt *et al.* 2002. *Trees and shrubs of Mpumalanga and Kruger National Park*: 232–234.

gerrardii I. Verd.

Perennial. Tree or shrub. Ht 1.5–6 m. Alt 15–550 m. S, KZN, EC

natalensis (Sond.) Engl.

Toddalia natalensis Sond. (2)

Perennial. Tree or shrub. Ht 1.5–8 m. Alt 2–1000 m. LIM, M, S, KZN, EC

pilosa (Engl.) I. Verd.

Vepris carringtoniana Mendonça (3)

Perennial. Shrub. Ht 1–4 m. Alt 100–320 m. LIM, M, S, KZN

THAMNOSMA Torr. & Frém. 4014000

(1) Mendonça. 1963. *FZ* 2: 181–209.

africana Engl.

Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 760–1850 m. N, LIM, M, NC

africana Engl. var. *rhodesica* Baker f. = **T. rhodesica**

rhodesica (Baker f.) Mendonça

T. africana Engl. var. *rhodesica* Baker f. (1)

Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt? B

TODDALIA Juss. 4077000

(1) Mendonça. 1963. *FZ* 2: 197–199.

aculeata Pers. = **T. asiatica**

asiatica (L.) Lam.

T. aculeata Pers. (1)

Perennial. Climbing shrub. Ht 1.5–12 m. Alt 300–1600 m. LIM, M, S

lanceolata Lam. = **Vepris lanceolata**

natalensis Sond. = **Teclea natalensis**

TODDALIOPSIS Engl. 4078000

(1) Verdoorn. 1935. *Kew Bulletin* 1935: 204.

(2) Mendonça. 1963. *FZ* 2: 205.

bremekampii I. Verd.

Perennial. Tree or shrub. Ht 1–6 m. Alt 45–1200 m. LIM, KZN

VEPRIS Comm. ex A. Juss. 4076000

(1) Verdoorn. 1926. *Kew Bulletin* 1926: 395.

(2) Mendonça. 1963. *FZ* 2: 199–205.

(3) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 404.

carringtoniana Mendonça = **Teclea pilosa**

lanceolata (Lam.) G. Don

Toddalia lanceolata Lam. (3)

V. undulata (Thunb.) I. Verd. & C.A.Sm., illegitimate name (3)

Perennial. Tree or shrub. Ht 1–5 m. Alt 5–1400 m. LIM, M, KZN, WC, EC

reflexa I. Verd.

Perennial. Tree or shrub. Ht 1–6 m. Alt 150–1500 m.
B, LIM, G, M, S, KZN

termitaria Mendonça

Perennial. Tree or shrub. Ht 1–3 m. Alt? N

undulata (Thunb.) I. Verd. & C.A.Sm., illegitimate name
= **V. lanceolata**

zambesiaca S. Moore

Perennial. Tree or shrub. Ht 1–3.5 m. Alt 0–1000 m. B

ZANTHOXYLUM L. 3991000

- (1) Mendonça. 1963. *FZ* 2: 183–190.
- (2) Killick. 1973. *The Flowering Plants of Africa* 42: t. 1671.
- (3) Waterman. 1975. *Taxon* 24: 363–366.
- (4) Ross. 1977. *Bothalia* 12: 258, 259.
- (5) Coates Palgrave. 1977. *Trees of southern Africa*: 340–345.
- (6) Retief & Finkelstein. 1979. *Bothalia* 12: 637.

capense (Thunb.) Harv.

Fagara capensis Thunb. (5)

Fagara magalimontana Engl. (5)

Perennial. Tree or shrub. Ht 4–10 m. Alt 5–2000 m.
LIM, NW, G, M, S, FS, KZN, WC, EC

davyi (I. Verd.) P.G. Waterman

Fagara davyi I. Verd. (3)

Z. thunbergii DC. var. *grandifolia* Harv. (3)

Perennial. Tree. Ht 8–30 m. Alt 160–1900 m. LIM, M,
S, KZN, WC, EC

humile (E.A. Bruce) P.G. Waterman

Fagara humilis E.A. Bruce (3)

Perennial. Shrub. Ht 0.9–2 m. Alt 270–770 m. LIM, M

leprieurii Guill. & Perr.

Fagara leprieurii (Guill. & Perr.) Engl. (4)

Perennial. Tree. Ht 5–8 m. Alt 10–700 m. LIM, M, S,
KZN

natalense Hochst. ex C. Krauss = **Cnestis polyphylla**

ovatifoliolatum (Engl.) Finkelstein

Fagara ovatifoliolata Engl. (6)

Perennial. Shrub. Ht 1–3.5 m. Alt? N

thorncroftii (I. Verd.) P.G. Waterman

Fagara thorncroftii I. Verd. (3)

Perennial. Tree. Ht 3–9 m. Alt 750–1300 m. LIM, M

thunbergii DC. var. *grandifolia* Harv. = **Z. davyi**

SALICACEAE

Compiled by M. Jordaan

***POPULUS L.** 1872000

- (1) Eckenwalder. 1977. *Journal of the Arnold Arboretum* 58: 193–208.
- (2) Wilmot-Dear. 1985. *FTEA Salicaceae*: 4–7.
- (3) Meikle. 1989. *European garden flora* 3: 42–45.
- (4) Henderson. 2001. *Alien weeds and invasive plants*: 137, 189–191.

alba L.

Perennial. Tree. Ht 3–16 m. Alt up to 1610 m. G, M,
FS, L

×**canescens** (Aiton) Sm.

Perennial. Tree. Ht 6–20 m. Alt 150–1800 m. LIM,
NW, G, M, S, FS, KZN, L, NC, WC, EC

deltoides Marshall subsp. **deltoides**

Perennial. Tree. Ht 2–10 m. Alt 150–1800 m. LIM,
NW, G, M, FS, KZN, NC, WC, EC

nigra L. var. **italica** Münchh.

Perennial. Tree. Ht 3–30 m. Alt? NW, M, FS, KZN, L,
NC, WC, EC

SALIX L. 1873000

- (1) Seemen. *Botanische Jahrbücher* 45: 204–206.
- (2) Immelman. 1987. *Bothalia* 17: 171–177.
- (3) Meikle. 1989. *European garden flora* 3: 21–42.
- (4) McKean. 1996. *Flora of the Arabian Peninsula and Socotra* 1: 83–85.
- (5) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3: 121, 122.

***babylonica** L. var. **babylonica**

Perennial. Tree. Ht 4.5–18 m. Alt 305–1900 m. LIM,
NW, G, M, FS, KZN, L, NC, WC, EC

capensis Thunb. = **S. mucronata** subsp. **capensis**

capensis Thunb. var. *gariiepina* (Burch.) Anderson = **S. mucronata** subsp. **capensis**

capensis Thunb. var. *mucronata* (Thunb.) Anderson = **S. mucronata** subsp. **mucronata**

***caprea** L.

Perennial. Tree. Ht 1–6 m. Alt 1000–1700 m. FS, KZN

***fragilis** L. var. **fragilis**

Perennial. Tree. Ht 1–6 m. Alt 300–2440 m. FS, KZN,
L, EC

hirsuta Thunb. = **S. mucronata** subsp. **hirsuta**

hutchinsii Skan = **S. mucronata** subsp. **mucronata**

mucronata Thunb. subsp. **capensis** (Thunb.) Immelman

S. capensis Thunb. (2)

S. capensis Thunb. var. *gariiepina* (Burch.) Anderson (2)

S. mucronata Thunb. var. *caffra* Burt Davy (2)

S. mucronata Thunb. var. *integra* Burt Davy (2)

Perennial. Tree. Ht 1–3 m. Alt 30–2125 m. N, NW, FS,
KZN, L, NC, WC, EC

mucronata Thunb. subsp. **hirsuta** (Thunb.) Immelman

S. hirsuta Thunb. (2)

Perennial. Tree, shrub. Ht 1.5–3.6 m. Alt 300–700 m.
NC, WC

mucronata Thunb. subsp. **mucronata**

S. capensis Thunb. var. *mucronata* (Thunb.) Anderson (2)

S. hutchinsii Skan (4)

S. safsaf Forsk. ex Trautv. (2)

S. subserrata Willd. (2)

S. subserrata Willd. var. *cyathipoda* (Andersson) Cufod. (4)

Perennial. Tree, shrub. Ht 1.5–3 m. Alt 81–1435 m. N,
B

mucronata Thunb. subsp. *wilmsii* (Seemen) Immelman

= **S. mucronata** subsp. **woodii**

mucronata Thunb. subsp. **woodii** (Seemen) Immelman

S. mucronata Thunb. subsp. *wilmsii* (Seemen) Immelman (5)

S. wilmsii Seemen (5)

S. woodii Seemen (2)

S. woodii Seemen var. *wilmsii* (Seemen) Skan (5)

Perennial. Tree. Ht 1–8 m. Alt 100–2134 m. LIM, NW,
G, M, S, FS, KZN, L

mucronata Thunb. var. *caffra* Burt Davy = **S. mucronata** subsp. **capensis**

mucronata Thunb. var. *integra* Burt Davy = **S. mucronata** subsp. **capensis**
safsaf Forssk. ex Trautv. = **S. mucronata** subsp. **mucronata**
subserrata Willd. = **S. mucronata** subsp. **mucronata**
subserrata Willd. var. *cyathipoda* (Andersson) Cufod. =

S. mucronata subsp. **mucronata**
wilmsii Seemen = **S. mucronata** subsp. **woodii**
woodii Seemen = **S. mucronata** subsp. **woodii**
woodii Seemen var. *wilmsii* (Seemen) Skan = **S. mucronata** subsp. **woodii**

SALVADORACEAE

Compiled by M. Jordaan

AZIMA Lam.

6444000

- (1) Verdoorn. 1963. *FSA* 26: 129–132.
 (2) Verdcourt. 1968. *FTEA* Salvadoraceae: 1–3.
 (3) Vickery. 1983. *FZ* 7,1: 375.

pubescens Suss. = **Carissa edulis**

tetracantha Lam.

Perennial. Shrub, dwarf shrub or climber. Ht 0.4–8 m.
 Alt 5–1000 m. N, LIM, S, KZN, WC, EC

SALVADORA L.

6446000

- (1) Verdoorn. 1963. *FSA* 26: 132–134.
 (2) Verdcourt. 1968. *FTEA* Salvadoraceae: 7–9.
 (3) Vickery. 1983. *FZ* 7,1: 377–380.

angustifolia Turrill var. *australis* (Schweick.) I. Verd. = **S. australis**

australis Schweick.

S. angustifolia Turrill var. *australis* (Schweick.) I. Verd. (3)
 Perennial. Tree or shrub. Ht 1.5–7 m. Alt 25–795 m.
 LIM, S, KZN

persica L. var. persica

Perennial. Tree or scrambling shrub. Ht 1–6 m. Alt
 30–600 m. N, B, LIM

persica L. var. pubescens Brenan

Perennial. Tree or scrambling shrub. Ht 1–6 m. Alt
 300–1000 m. N, B, LIM

SANTALACEAE

Compiled by P.M. Burgoyne

COLPOON P.J.Bergius

2104000

compressum P.J.Bergius = **Osyris compressa**

speciosum (A.W.Hill) P.A.Bean = **Osyris speciosa**

EUONYMUS L.

4618000

colpoon Lam. = **Osyris compressa**

FUSANUS Murr.

2105000

compressus P.J.Bergius = **Osyris compressa**

OSYRIDICARPOS A.DC.

2116000

- (1) Stauffer. 1961. *Vierteljahrsschrift der Naturforschenden Gesellschaft in Zürich* 106: 387–418.

natalensis A.DC. = **O. schimperianus**

schimperianus (Hochst. ex A.Rich.) A.DC.

O. natalensis A.DC. (1)

Perennial. Shrub. Ht 1–4 m. Alt up to 1980 m. LIM,
 M, S, KZN, EC

OSYRIS L.

2108000

- (1) Sonder. 1857. *Santalaceae. Flora* 40: 364–368.
 (2) Stauffer. 1961. *Vierteljahrsschrift der Naturforschenden Gesellschaft in Zürich* 106: 387–418.
 (3) Merxmüller. 1969. *FSWA* 21: 1–5.
 (4) Bean. 1990. *South African Journal of Botany* 56: 665–669.
 (5) Goldblatt & Manning. 2000. *Strelitzia* 9: 636.

abyssinica Hochst. ex A.Rich. = **O. lanceolata**

compressa (P.J.Bergius) A.DC.

Colpoon compressum P.J.Bergius (5)

Euonymus colpoon Lam. (1)

Fusanus compressus P.J.Bergius (1)

Thesium colpoon L.f. (1)

Perennial. Shrub. Ht up to 5 m. Alt 5–1980 m. KZN,
 WC, EC

lanceolata Hochst. & Steud.

O. abyssinica Hochst. ex A.Rich. (3)

Perennial. Shrub. Ht 1.5–4 m. Alt up to 3000 m. N, B,
 LIM, NW, G, M, S, FS, KZN, L, NC, EC

speciosa (A.W.Hill) J.C.Manning & Goldblatt

Colpoon speciosum (A.W.Hill) P.A.Bean (5)

Perennial. Shrub. Ht up to 2 m. Alt up to 300 m. WC

RHOIACARPOS A.DC.

2104010

- (1) Stauffer. 1961. *Mitteilungen aus dem Botanischen Museum der Universität Zürich* 217: 387–418.

- (2) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 405.

capensis (Harv.) A.DC.

Perennial. Shrub. Ht up to 0.6 m. Alt 0–300 m. KZN,
 WC, EC

THESIDIUM Sond.

2117000

- (1) Levyns. 1950. In Adamson & Salter, *Flora of the Cape Peninsula*: 340, 341.

- (2) Bond & Goldblatt. 1984. *Journal of South African Botany*, Suppl. Vol. 13: 405, 406.

- (3) Goldblatt & Manning. 2000. *Strelitzia* 9: 637.

exocarpaeoides Sond. = **T. fragile**

fragile (Thunb.) Sond.

- T. exocarphaeoides* Sond. (2)
T. microcarpum (A.DC.) A.DC. (3)
T. podocarpum (A.DC.) A.DC. (3)
T. thunbergii Sond. (2)
Thesium microcarpum A.DC. (3)

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 20–350 m.
 WC, EC

fruticosum A.W.Hill

- T. longifolium* A.W.Hill (1)
T. minus A.W.Hill (3)

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 100–1150 m.
 NC, WC

hirtum Sond.

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 20–300 m.
 WC

leptostachyum (A.DC.) Sond.

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 20–300 m.
 WC

longifolium A.W.Hill = **T. fruticosum**

microcarpum (A.DC.) A.DC. = **T. fragile**

minus A.W.Hill = **T. fruticosum**

podocarpum (A.DC.) A.DC. = **T. fragile**

thunbergii Sond. = **T. fragile**

THESIUM L.

2118000

- (1) Schlechter. 1900. *Botanische Jahrbücher* 27: 115–121.
- (2) Brown. 1909. *Kew Bulletin* 1909: 137.
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acuminatum A.W.Hill

Perennial. Shrub, herb, parasite. Ht 0.15–0.3 m. Alt 100–2000 m. WC

acutissimum A.DC.

T. apiculatum Sond. (4)

Perennial. Shrub, herb, parasite. Ht 0.3–0.5 m. Alt 400–1900 m. G, M, S, KZN, NC, EC

adpressifolium Sond. = **T. funale**

affine Schltr.

Perennial. Shrub, herb, parasite. Ht 0.3–0.5 m. Alt 100–800 m. WC

aggregatum A.W.Hill

Perennial. Shrub, dwarf shrub, parasite. Ht 0.3–0.8 m. Alt 30–1400 m. NC, WC, EC

alatum Hilliard & B.L.Burt

Perennial. Herb, parasite. Ht 0.6–0.7 m. Alt 1800–2590 m. KZN

amplexicaule L. = **T. euphorbioides**

albomontanum Compton

Perennial. Shrub, dwarf shrub, parasite. Ht up to 0.3 m. Alt 1800–2050 m. WC, EC

angulosum DC.

Perennial. Shrub, parasite. Ht 1–1.5 m. Alt 600–2500 m. M, S, KZN

annulatum A.W.Hill

Perennial. Herb, parasite. Ht 0.1–0.2 m. Alt 1800–2000 m. WC

apiculatum Sond. = **T. acutissimum**

archeri Compton

Perennial. Herb, parasite. Ht 0.2–0.4 m. Alt 1000–1500 m. WC

aristatum Schltr.

Perennial. Shrub, herb, parasite. Ht 0.15–0.3 m. Alt 100–800 m. WC

asperifolium A.W.Hill

Perennial. Herb, parasite. Ht 0.3–0.4 m. Alt 150–200 m. WC, EC

assimile Sond. = **T. carinatum** var. **carinatum**

asterias A.W.Hill

Perennial. Dwarf shrub. Ht 0.25–0.6 m. Alt 980–2000 m. LIM, NW, G, M, S, KZN, EC

bathyschistum Schltr.

Perennial. Shrub, herb, parasite. Ht 0.2–0.35 m. Alt 750–1050 m. WC

boissierianum A.DC.

Perennial. Dwarf shrub, parasite. Ht 0.2–0.3 m. Alt? 'CP'

brachycephalum Sond. = **T. capitellatum**

brachygyne Schltr.

Perennial. Herb, parasite. Ht 0.3–0.7 m. Alt 600–1200 m. WC

breyeri N.E.Br.

Perennial. Shrub, parasite. Ht 0.15–0.4 m. Alt 900–1300 m. M

brevifolium A.DC. = **T. leptocaulis**

burchellii A.W.Hill

Perennial. Shrub, parasite. Ht 0.6–1 m. Alt 1000–1200 m. B, NC

burkei A.W.Hill

Perennial. Shrub, herb, parasite. Ht 0.1–1 m. Alt 350–1500 m. LIM, NW, G, M, S, FS, KZN, L, EC

capitatum in sense of Banks ex A.DC., not of L. = **T. scabrum**

capitatum L.

Perennial. Shrub, dwarf shrub, parasite. Ht 0.1–0.4 m. Alt 200–300 m. WC, EC

capitellatum A.DC.

T. brachycephalum Sond. (4)

T. foveolatum Schltr. (4)

Perennial. Shrub, dwarf shrub, parasite. Ht 0.25–0.35 m. Alt 150–1000 m. NC, EC

capituliflorum Sond.

T. cuspidatum A.W.Hill (7)

Perennial. Shrub, parasite. Ht 0.05–0.45 m. Alt 45–1500 m. NC, WC

carinatum A.DC. = **T. carinatum** var. **carinatum**

carinatum A.DC. var. **carinatum**

T. assimile Sond. (4)

T. carinatum A.DC. (3)

Perennial. Shrub, parasite. Ht 0.4–0.5 m. Alt 250–1600 m. NC, WC

carinatum A.DC. var. **pallidum** A.W.Hill

Perennial. Dwarf shrub, parasite. Ht 0.3–0.5 m. Alt 200–1600 m. WC

celatum N.E.Br.

Perennial. Shrub, herb, parasite. Ht 0.1–0.2 m. Alt 1300–1650 m. NW, S

colpoon L.f. = **Osyris compressa**

commutatum Sond.

Perennial. Dwarf shrub, herb, parasite. Ht 0.2–0.5 m. Alt 300–1700 m. WC, EC

confine Sond.

Perennial. Shrub, parasite. Ht 1–1.2 m. Alt 800–2400 m. L

congestum R.A.Dyer

Perennial. Shrub, dwarf shrub, parasite. Ht 0.3–0.5 m. Alt 1800–2000 m. KZN, EC

conostylum Schltr.

Perennial. Shrub, parasite. Ht 0.3–0.5 m. Alt 300–800 m. WC

cordatum A.W.Hill

Perennial. Shrub, dwarf shrub, parasite. Ht 0.3–0.5 m. Alt 1800–2000 m. KZN, EC

coriarium A.W.Hill

Perennial. Herb, parasite. Ht 0.1–0.15 m. Alt 1700–2300 m. FS, KZN

cornigerum A.W.Hill

Perennial. Herb, parasite. Ht 0.4–0.6 m. Alt 1200–1550 m. KZN

corymbuligerum Sond. = **T. virgatum**

costatum A.W.Hill = **T. costatum** var. **costatum**

costatum A.W.Hill var. **costatum**

T. costatum A.W.Hill (3)

Perennial. Herb, parasite. Ht 0.05–0.2 m. Alt 780–1400 m. M, S

costatum A.W.Hill var. **juniperinum** A.W.Hill (3)

Perennial. Herb, parasite. Ht 0.05–0.3 m. Alt 1200–1500 m. G, M, FS, KZN

costatum A.W.Hill var. **paniculatum** N.E.Br.

Perennial. Herb, parasite. Ht 0.05–0.4 m. Alt 1600–1750 m. M, S

crassifolium in sense of R.Br., not of Sond. = **T. frisea** var. **thunbergii**

crassifolium in sense of Sond., not of R.Br., illegitimate name = **T. sedifolium**

cruciatum A.W.Hill = **T. lacinulatum**

cupressoides A.W.Hill

Perennial. Shrub, herb, parasite. Ht 0.2–0.6 m. Alt 1500–1650 m. KZN, L

cuspidatum A.W.Hill = **T. capituliflorum**

cymosum A.W.Hill

Perennial. Herb, parasite. Ht 0.12–0.17 m. Alt 600–750 m. LIM

cytisoides A.W.Hill

Perennial. Herb, parasite. Ht 0.3–0.4 m. Alt 900–1200 m. LIM, G, M, S, KZN

davidsoniae Brenan, as '*davidsonae*'

Perennial. Herb, parasite. Ht 0.2–0.6 m. Alt 1200–1700 m. M

deceptum N.E.Br.

Perennial. Shrub, parasite. Ht 0.05–0.5 m. Alt 1200–1400 m. G, M

decipiens Hilliard & B.L.Burt

Perennial. Herb, parasite. Ht 0.35–0.45 m. Alt 1300–1500 m. KZN

densiflorum A.DC.

Perennial. Shrub, parasite. Ht 0.3–0.5 m. Alt 350–1100 m. WC

densum N.E.Br.

Perennial. Herb, parasite. Ht 0.3–0.6 m. Alt 1200–1400 m. LIM

dinteri A.W.Hill = **T. megalocarpum**

disciflorum A.W.Hill

Perennial. Shrub, dwarf shrub, parasite. Ht 0.7–0.9 m. Alt 1200–1400 m. NC, WC

disparile N.E.Br.

Perennial. Shrub, dwarf shrub, parasite. Ht 0.15–1 m. Alt 2000–2050 m. LIM

dissitiflorum Schltr.

Perennial. Shrub, parasite. Ht 0.8–1.2 m. Alt 1000–1800 m. WC

dissitum N.E.Br.

Perennial. Herb, parasite. Ht 0.12–0.15 m. Alt 1000–1400 m. B

diversifolium Sond.

Perennial. Herb. Ht 0.3–0.7 m. Alt 500–1400 m. 'CP'

dumale N.E.Br.

Perennial. Herb, parasite. Ht 0.15–0.2 m. Alt 1200–1400 m. NW, NC

durum Hilliard & B.L.Burt

Perennial. Shrub, dwarf shrub, parasite. Ht 0.1–0.4 m. Alt 1700–2500 m. FS, KZN, L

ecklonianum Sond.

Perennial. Herb, parasite. Ht 0.1–0.3 m. Alt 30–150 m. WC

elatus Sond.

Perennial. Shrub, dwarf shrub, parasite. Ht 0.9–1.2 m. Alt 30–700 m. NC, WC

ephedroides A.W.Hill = **T. lineatum**

equisetoides Welw. ex Hiern.

Perennial. Shrub, dwarf shrub, parasite. Ht? Alt 1300–1700 m. N, NC, WC

ericaefolium A.DC.

Perennial. Shrub, dwarf shrub, parasite. Ht 0.3–0.6 m. Alt 300–500 m. WC, EC

euphorbioides L.

T. amplexicaule L. (4)

Perennial. Shrub, parasite. Ht 1.2–2 m. Alt 60–1000 m. WC

euphrasioides A.DC.

Perennial. Shrub, parasite. Ht 0.1–0.3 m. Alt 300–400 m. WC

exile N.E.Br.

Perennial. Herb, parasite. Ht 0.04–0.14 m. Alt 1000–1200 m. LIM, M

fallax Schltr.

Perennial. Shrub, parasite. Ht 1–1.7 m. Alt 250–350 m. WC

fimbriatum A.W.Hill

Perennial. Shrub, parasite. Ht 0.2–0.3 m. Alt 150–1800 m. WC

flexuosum A.DC.

Perennial. Shrub, herb, parasite. Ht 0.2–0.4 m. Alt 150–1200 m. WC, EC

floribundum A.W.Hill = **T. pallidum**

foliosum A.DC.

Perennial. Shrub, parasite. Ht 0.75–0.9 m. Alt 300–450 m. WC, EC

foveolatum Schltr. = **T. capitellatum**

fragile Link ex A.DC.

Perennial. Shrub, parasite. Ht 0.5–0.9 m. Alt 300–900 m. WC, EC

frisea L. = **T. frisea** var. **frisea**

frisea L. var. **frisea**

T. frisea L. (3)

Perennial. Herb, parasite. Ht 0.2–0.3 m. Alt 90–300 m. WC, EC

frisea L. var. **thunbergii** A.DC.

T. crassifolium in sense of R.Br., not of Sond. (3)

Perennial. Dwarf shrub, herb, parasite. Ht 0.1–0.2 m. Alt 90–350 m. WC

fruticosum A.W.Hill

Perennial. Shrub, parasite. Ht 0.15–0.5 m. Alt 510–660 m. WC, EC

funale in sense of L., not of Sond.

T. adpressifolium Sond. (4)

Perennial. Shrub, dwarf shrub, parasite. Ht 0.3–0.6 m. Alt 45–1800 m. WC

funale in sense of Sond., not of L. = **T. subnudum**

galioides A.DC.

Perennial. Herb, parasite. Ht 0.15–0.9 m. Alt 150–1219 m. WC, EC

glaucescens A.W.Hill

Perennial. Dwarf shrub, parasite. Ht 0.3–0.6 m. Alt 50–400 m. WC

glomeratum A.W.Hill

Perennial. Herb, parasite. Ht 0.5–0.7 m. Alt 50–1000 m. WC, EC

glomeruliflorum Sond.

Perennial. Dwarf shrub, parasite. Ht 0.3–0.45 m. Alt 300–900 m. WC

gnidiaceum A.DC. = **T. gnidiaceum** var. **gnidiaceum**

gnidiaceum A.DC. var. **gnidiaceum**

T. gnidiaceum A.DC. (4)

Perennial. Dwarf shrub, herb, parasite. Ht 0.3–0.4 m. Alt 300–700 m. NC, WC, EC

gnidiaceum A.DC. var. **zeyheri** Sond.

Perennial. Dwarf shrub, herb, parasite. Ht 0.3–0.6 m. Alt 1000–1200 m. EC

goetzeanum Engl.

Perennial. Shrub, dwarf shrub, parasite. Ht 0.2–0.6 m. Alt 1100–1600 m. B, LIM, NW, M, S, FS, KZN, NC

gracilarioides A.W.Hill

Perennial. Shrub, herb, parasite. Ht 0.2–0.4 m. Alt 1200–1500 m. LIM, NW, G, M, S, KZN, L

gracile A.W.Hill

T. palliolatum A.W.Hill (4)

Perennial. Herb, parasite. Ht 0.12–0.3 m. Alt 330–1200 m. LIM, G, M, S

gracilentum N.E.Br.

Perennial. Herb, parasite. Ht 0.1–0.2 m. Alt 1000–1600 m. LIM

griseum Sond.

Perennial. Herb, parasite. Ht 0.2–0.3 m. Alt 1200–1500 m. FS, L

gypsophiloides A.W.Hill

Perennial. Shrub, herb, parasite. Ht 0.1–0.4 m. Alt 500–800 m. G, M, S, KZN

helichrysoides A.W.Hill

Perennial. Dwarf shrub, parasite. Ht 0.4–0.6 m. Alt 400–700 m. WC

hillianum Compton

Perennial. Shrub, herb, parasite. Ht 0.9–1.5 m. Alt 50–800 m. WC

hirsutum A.W.Hill

Perennial. Shrub, herb, parasite. Ht 0.05–0.15 m. Alt 1100–1300 m. LIM, G, M, FS, KZN, EC

hispidulum Lam. ex Sond. = **T. hispidulum** var. **hispidulum**

hispidulum Lam. ex Sond. var. **hispidulum**

T. hispidulum Lam. ex Sond. (5)

Perennial. Shrub, herb, parasite. Ht 0.1–0.5 m. Alt 120–1000 m. NC, WC

hispidulum Lam. ex Sond. var. **subglabrum** A.W.Hill

Perennial. Herb, parasite. Ht 0.1–0.5 m. Alt 240–450 m. WC

hispidum Schltr.

Perennial. Herb, parasite. Ht 0.3–0.4 m. Alt 140–450 m. WC

hollandii Compton

Perennial. Herb, parasite. Ht 0.3–0.6 m. Alt 300–1000 m. EC

horridum Pilg.

Perennial. Shrub, parasite. Ht 0.3–0.7 m. Alt 500–1000 m. NC

hystricoides A.W.Hill

Perennial. Shrub, dwarf shrub, parasite. Ht 0.3–0.5 m. Alt 900–1400 m. N, NW, FS, NC, WC

hystrix A.W.Hill

Perennial. Shrub, dwarf shrub, parasite. Ht 0.25–0.6 m. Alt 750–1250 m. B, NW, FS, NC, EC

imbricatum Thunb.

Perennial. Shrub, dwarf shrub, parasite. Ht 0.2–1.4 m. Alt 1200–2000 m. FS, KZN, L, NC, WC, EC

impeditum A.W.Hill

Perennial. Shrub, herb, parasite. Ht 0.5–0.7 m. Alt 900–1700 m. KZN, EC

impeditum A.W.Hill var. *rasum* A.W.Hill, as ‘*rasa*’ = **T. rasum**

inversum N.E.Br.

Perennial. Shrub, parasite. Ht 0.7–1.2 m. Alt 1400–1500 m. M

jeaniae Brenan, as ‘*jenae*’

Perennial. Herb, parasite. Ht 0.15–0.3 m. Alt 30–500 m. KZN

junceum Bernh. = **T. junceum** var. **junceum**

junceum Bernh. var. **junceum**

T. junceum Bernh. (5)

- Perennial. Shrub, herb, parasite. Ht 0.4–0.6 m. Alt 150–2000 m. LIM, M, KZN, WC, EC
- junceum** Bernh. var. **mammosum** A.W.Hill, as ‘*mammosa*’
Perennial. Herb, parasite. Ht 0.3–0.5 m. Alt 50–400 m. EC
- junceum** Bernh. var. **plantagineum** A.W.Hill, as ‘*plantaginea*’
Perennial. Herb, parasite. Ht 0.3–0.5 m. Alt 50–200 m. EC
- juncifolium** DC.
Perennial. Shrub, herb, parasite. Ht 0.3–0.6 m. Alt 45–1550 m. NC, WC, EC
- junodii** A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.6–0.9 m. Alt 900–1800 m. LIM
- karooicum** Compton
Perennial. Dwarf shrub, herb, parasite. Ht 0.1–0.6 m. Alt 150–300 m. WC
- lacinulatum** A.W.Hill
T. cruciatum A.W.Hill (10)
Perennial. Shrub, dwarf shrub, parasite. Ht 0.3–0.6 m. Alt 100–1000 m. N, NC, WC
- leptocaulum** Sond.
T. brevifolium A.DC. (4)
Perennial. Shrub, herb, parasite. Ht 0.15–0.35 m. Alt 300–1200 m. WC, EC
- lesliei** N.E.Br.
Perennial. Dwarf shrub, herb, parasite. Ht 0.1–0.15 m. Alt 1200–1500 m. G, M
- lineatum** L.f.
T. ephedroides A.W.Hill (4)
T. rigidum Sond. (4)
T. sparteum R.Br. (4)
Perennial. Shrub, dwarf shrub, parasite. Ht 0.75–2 m. Alt 600–1300 m. N, NW, FS, NC, WC, EC
- lisaemariae** Stauffer
Perennial. Herb, parasite. Ht 0.6–0.8 m. Alt 600–700 m. WC, EC
- litoreum** Brenan
Perennial. Dwarf shrub, parasite. Ht 0.2–0.3 m. Alt 5–100 m. WC
- lobelioides** A.DC.
Perennial. Dwarf shrub, herb, parasite. Ht 0.3–0.5 m. Alt 120–2400 m. M, S, FS, KZN
- longirostre* Schltr. = **T. zeyheri**
- lopollense**
Perennial. Dwarf shrub, herb, parasite. Ht 0.15–0.3 m. Alt 1100–1200 m. B
- macrogyne** A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.12–0.3 m. Alt 1000–3000 m. FS, KZN, L
- macrostachyum** A.DC.
Perennial. Shrub, parasite. Ht 0.7–1.3 m. Alt 30–250 m. WC
- magalimontanum** Sond.
Perennial. Shrub, herb, parasite. Ht 0.1–0.5 m. Alt 1200–1600 m. LIM, NW, G, M, FS
- magifrutum** Hilliard
Perennial. Shrub, herb, parasite. Ht 0.8–1.2 m. Alt 1100–1300 m. N, B
- marlothii** Schltr.
Perennial. Shrub, parasite. Ht 0.4–0.7 m. Alt 750–1100 m. FS, NC, WC
- maximiliani** Schltr.
Perennial. Shrub, parasite. Ht 0.4–0.5 m. Alt 300–1500 m. WC
- megalocarpum** A.W.Hill
T. dinteri A.W.Hill (7)
Perennial. Shrub, dwarf shrub, parasite. Ht 0.4–0.7 m. Alt 400–500 m. N, B
- microcarpum* A.DC. = **Thesidium fragile**
- microcephalum** A.W.Hill
Perennial. Shrub, parasite. Ht 0.3–0.4 m. Alt 750–2000 m. WC
- micromeria** A.DC.
Perennial. Shrub, parasite. Ht 0.15–0.2 m. Alt 50–400 m. WC
- micropogon** A.DC.
Perennial. Herb, parasite. Ht 0.1–0.2 m. Alt 300–650 m. WC
- mossii** N.E.Br.
Perennial. Herb, parasite. Ht 0.12–0.16 m. Alt 1000–1500 m. LIM
- multiramulosum** Pilg.
Perennial. Shrub, herb, parasite. Ht 0.3–0.6 m. Alt 1200–1400 m. LIM, G, M, S, KZN
- namaquense** Schltr.
Perennial. Shrub, dwarf shrub, parasite. Ht 0.5–0.8 m. Alt 600–1200 m. NC, WC, EC
- natalense** Sond.
Perennial. Herb, parasite. Ht 0.3–0.7 m. Alt 15–1500 m. S, KZN
- nationiae** A.W.Hill, as ‘*nationae*’
Perennial. Herb, parasite. Ht 0.1–0.3 m. Alt 1200–1350 m. FS, KZN
- nigromontanum** Sond.
Perennial. Shrub, herb, parasite. Ht 0.3–0.6 m. Alt 30–1150 m. NC, WC, EC
- nigrum** A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.3–0.6 m. Alt 1500–2750 m. M, S, KZN, L
- nudicaule** A.W.Hill
Perennial. Shrub, dwarf shrub, parasite. Ht 0.3–0.5 m. Alt 100–1000 m. NC, WC, EC
- occidentale** A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.6–2 m. Alt 600–700 m. NC, WC
- oresigenum** Compton
Perennial. Shrub, herb, parasite. Ht 0.5–1.2 m. Alt 1500–2100 m. NC, WC
- orientale** A.W.Hill
Perennial. Herb, parasite. Ht 0.1–0.3 m. Alt 700–1300 m. EC
- pallidum** A.DC.
T. floribundum A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.05–0.6 m. Alt 150–2900 m. LIM, G, M, S, FS, KZN, L, EC
- palliolatum* A.W.Hill = **T. gracile**
- paniculatum** L.

- Perennial. Dwarf shrub, herb, parasite. Ht 0.4–0.9 m.
Alt 130–1500 m. WC
- paronychioides** Sond.
Perennial. Dwarf shrub, herb, parasite. Ht 0.12–0.16 m. Alt 100–1200 m. 'CP'
- patersonae** A.W.Hill
Perennial. Shrub, dwarf shrub, parasite. Ht 0.2–0.3 m. Alt 30–500 m. EC
- patulum** A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.3–0.6 m. Alt 85–1000 m. NC, WC
- penicillatum** A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.5–1.8 m. Alt 80–760 m. WC, EC
- phyllostachyum** Sond.
Perennial. Shrub, dwarf shrub, parasite. Ht 0.2–0.4 m. Alt 30–500 m. WC, EC
- pinifolium** A.DC.
Perennial. Shrub, herb, parasite. Ht 1–1.5 m. Alt 400–500 m. WC
- pleuroloma** A.W.Hill
Perennial. Herb, parasite. Ht 0.2–0.4 m. Alt 1100–1400 m. NC
- polycephalum** Schltr.
Perennial. Shrub, parasite. Ht 0.3–0.6 m. Alt 400–500 m. WC
- polygaloides** A.W.Hill
Annual. Herb, parasite. Ht 0.15–0.35 m. Alt 500–1000 m. S, KZN
- pottiae** N.E.Br.
Perennial. Shrub, herb, parasite. Ht 0.2–0.35 m. Alt 1200–1600 m. LIM, M, S, KZN
- procerum** N.E.Br.
Perennial. Shrub, herb, parasite. Ht 0.2–0.9 m. Alt 1100–1250 m. LIM, G, M, S
- prostratum** A.W.Hill
Perennial. Dwarf shrub, herb, parasite. Ht 0.3–0.6 m. Alt 1500–1600 m. WC
- pseudovirgatum** Levyns
Perennial. Shrub, herb, parasite. Ht 0.2–0.3 m. Alt 100–350 m. WC
- pubescens** DC.
Perennial. Shrub, dwarf shrub, parasite. Ht 0.3–0.4 m. Alt 50–1000 m. NC, WC, EC
- pungens** A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.4–0.7 m. Alt 920–1300 m. NC, WC
- pycnanthum** Schltr.
Perennial. Shrub, herb, parasite. Ht 0.1–0.4 m. Alt 250–1000 m. WC
- quinqueflorum** Sond.
Perennial. Shrub, herb, parasite. Ht 0.3–0.6 m. Alt 350–500 m. WC
- racemosum** Bernh.
Perennial. Shrub, herb, parasite. Ht 0.05–0.45 m. Alt 1100–1300 m. LIM, NW, G, M, S, FS, KZN, L
- rariflorum** Sond.
Perennial. Herb, parasite. Ht 0.3–0.6 m. Alt 100–500 m. WC
- rasum** (A.W.Hill) N.E.Br.
T. impeditum A.W.Hill var. *rasum* A.W.Hill, as 'rasa' (4)
Perennial. Shrub, herb, parasite. Ht 0.5–0.7 m. Alt 1450–1700 m. G, FS, KZN, L, EC
- repandum** A.W.Hill
Perennial. Dwarf shrub, herb, parasite. Ht 0.1–0.3 m. Alt 50–800 m. WC
- resedoides** A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.3–1 m. Alt 1000–1500 m. LIM, NW, G, M, S, FS, KZN
- resinifolium** N.E.Br.
Perennial. Dwarf shrub, herb, parasite. Ht 0.3–0.4 m. Alt 1000–1300 m. LIM
- rigidum** Sond. = **T. lineatum**
- rogersii** A.W.Hill
Perennial. Shrub, dwarf shrub, parasite. Ht 0.2–0.4 m. Alt 1200–1480 m. NW
- rufescens** A.W.Hill
Perennial. Herb, parasite. Ht 0.3–0.6 m. Alt 90–300 m. WC
- scabrum** L.
T. capitatum in sense of Banks ex A.DC., not of L. (4)
Perennial. Shrub, herb, parasite. Ht 0.2–0.65 m. Alt 50–500 m. WC
- scandens** Sond.
Perennial. Herb, parasite. Ht 0.3–0.4 m. Alt 20–800 m. WC, EC
- schlechteri** A.W.Hill = **T. zeyheri**
- schumannianum** Schltr.
Perennial. Shrub, herb, parasite. Ht 0.3–0.4 m. Alt 50–500 m. WC
- scirpioides** A.W.Hill
Perennial. Shrub, herb, parasite. Ht 0.3–0.6 m. Alt 1200–1650 m. LIM, M, S, FS, KZN, L
- sedifolium** A.DC. ex Levyns
Perennial. Herb, parasite. Ht 0.15–0.3 m. Alt 100–400 m. WC
- selagineum** A.DC.
Perennial. Shrub, dwarf shrub, parasite. Ht 0.1–0.3 m. Alt 700–2000 m. WC
- semotum** N.E.Br.
Perennial. Shrub, dwarf shrub, parasite. Ht 0.1–0.3 m. Alt 1100–1400 m. G
- sertulariastrum** A.W.Hill
Perennial. Dwarf shrub, herb, parasite. Ht 0.2–0.6 m. Alt 300–700 m. WC
- sonderianum** Schltr.
Perennial. Shrub, parasite. Ht 0.5–0.7 m. Alt 500–1100 m. WC, EC
- sparteum** R.Br. = **T. lineatum**
- spartioides** A.W.Hill
Annual. Herb, parasite. Ht 0.1–0.2 m. Alt 1200–2000 m. NW, G, M, FS, L, EC
- spicatum** L.
Perennial. Shrub, parasite. Ht 0.1–0.2 m. Alt 1200–1550 m. WC
- spinolum** in sense of Drège, not of L.f. = **T. spinulosum**
- spinosum** L.f.
T. teretifolium R.Br. (4)

- Perennial. Shrub, dwarf shrub, parasite. Ht 0.1–1 m. Alt 30–500 m. NC, WC
- spinulosum** A.DC.
T. spinosum in sense of Drège, not of L.f. (4)
Annual. Dwarf shrub, herb, parasite. Ht 0.1–0.2 m. Alt 900–1200 m. NC, WC
- squarrosomum** L.f.
Perennial. Shrub, herb, parasite. Ht 0.3–0.6 m. Alt 50–1100 m. KZN, EC
- strictum** P.J.Bergius
Perennial. Shrub, herb, parasite. Ht 0.9–1.8 m. Alt 45–300 m. NC, WC, EC
- subnudum** Sond. = **T. subnudum** var. **subnudum**
- subnudum** Sond. var. **foliosum** A.W.Hill, as '*foliosa*'
Perennial. Shrub, parasite. Ht 0.4–0.6 m. Alt 150–200 m. WC, EC
- subnudum** Sond. var. **subnudum**
T. funale in sense of Sond., not of L. (4)
T. subnudum Sond. (5)
Perennial. Shrub, dwarf shrub, parasite. Ht 0.5–1 m. Alt 150–300 m. WC, EC
- subsimum** N.E.Br.
Perennial. Shrub, dwarf shrub, parasite. Ht 0.1–0.2 m. Alt 1600–2000 m. M
- susannae** A.W.Hill
Perennial. Shrub, parasite. Ht 0.6–2.5 m. Alt 300–500 m. WC
- teretifolium** R.Br. = **T. spinosum**
- thunbergianum** A.DC.
Perennial. Shrub, parasite. Ht? Alt? WC
- transgaripepinum** Sond. = **T. zeyheri**
- translucens** A.W.Hill
Perennial. Shrub, parasite. Ht 0.4–0.5 m. Alt 300–900 m. WC
- transvaalense** Schltr.
Perennial. Dwarf shrub, herb, parasite. Ht 0.1–0.3 m. Alt 1400–1600 m. LIM, NW, G, M
- triflorum** Thunb. ex L.f.
Perennial. Herb, climber, parasite. Ht 0.3–1 m. Alt 100–1500 m. LIM, M, S, KZN, EC
- umbelliferum** A.W.Hill
Perennial. Dwarf shrub, parasite. Ht 0.5–2 m. Alt 50–1950 m. WC
- urceolatum** A.W.Hill
Perennial. Shrub, parasite. Ht 0.1–0.5 m. Alt 700–900 m. NC
- utile** A.W.Hill
Perennial. Herb, parasite. Ht 0.2–0.6 m. Alt 1200–1750 m. LIM, NW, G, M, S
- vahrmeijeri** Brenan
Perennial. Herb, parasite. Ht 0.1–0.2 m. Alt 50–500 m. KZN
- virens** E.Mey. ex A.DC.
Perennial. Herb, parasite. Ht 0.1–0.3 m. Alt 1600–2000 m. M, FS, KZN, EC
- virgatum** Lam.
T. corymbuligerum Sond. (12)
Perennial. Shrub, herb, parasite. Ht 0.25–0.75 m. Alt 500–600 m. NC, WC, EC
- viridifolium** Levyns
Perennial. Shrub, dwarf shrub, parasite. Ht 0.2–0.5 m. Alt 500–1000 m. WC
- whitehillense** Compton, as '*whitehillensis*'
Perennial. Shrub, dwarf shrub, parasite. Ht 0.8–1.2 m. Alt 1000–1600 m. WC
- xerophyticum** A.W.Hill
Perennial. Shrub, dwarf shrub, parasite. Ht 0.3–0.5 m. Alt 1700–1900 m. N
- zeyheri** A.DC.
T. longirostre Schltr. (4)
T. schlechteri A.W.Hill (4)
T. transgaripepinum Sond. (4)
Perennial. Shrub, parasite. Ht 0.3–0.5 m. Alt 1100–1500 m. N, FS, NC, EC

SAPINDACEAE

Compiled by R.H. Archer

- ALLOPHYLUS** L. 4734000
(1) Exell. 1966. *FZ* 2: 496–508.
(2) Leenhouts. 1967. *Blumea* 15: 301–358.
(3) Davies & Verdcourt. 1998. *FTEA* Sapindaceae: 75–97.
- africanus** P.Beauv. var. **africanus**
A. melanocarpus (Sond.) Radlk. (2)
A. transvaalensis Burt Davy (2)
Schmidelia leucocarpa Sond. (2)
Schmidelia melanocarpa Sond. (2)
Perennial. Tree, shrub. Ht 3–8 m. Alt 5–1675 m. N, B, LIM, M, S, KZN, WC, EC
- chaunostachys** Gilg
A. gazensis Baker f. (2)
Perennial. Tree, shrub or scrambler. Ht 3–7 m. Alt 1400–1750 m. LIM, M, S
- decipiens** (Sond.) Radlk.
A. spicatus (Thunb.) Fourc. (1)
Schmidelia decipiens Sond. (1)
Perennial. Tree, shrub. Ht 1–10 m. Alt 5–300 m. M, S, KZN, WC, EC
- dregeanus** (Sond.) De Winter
A. monophylla Radlk., illegitimate name (2)
Schmidelia dregeana Sond. (2)
Schmidelia monophylla C.Presl, naked name (2)
Perennial. Tree, shrub. Ht 1.2–15 m. Alt 15–1750 m. KZN, EC
- gazensis* Baker f. = **A. chaunostachys**
- melanocarpus* (Sond.) Radlk. = **A. africanus** var. **africanus**
- monophylla* Radlk., illegitimate name = **A. dregeanus**
- natalensis** (Sond.) De Winter
Rhus erosus Radlk., illegitimate name (2)
Schmidelia natalensis Sond. (1)

- Perennial. Tree, shrub. Ht 2–10 m. Alt 1–600 m. KZN, EC
- rubifolius** (A.Rich.) Engl. var. **rubifolius**
Perennial. Tree, shrub. Ht 3–7 m. Alt 200–1500 m. LIM, M, S, KZN
- spicatus* (Thunb.) Fourc. = **A. decipiens**
transvaalensis Burtt Davy = **A. africanus** var. **africanus**
- ATALAYA** Blume 4735000
(1) Dyer. 1937. *South African Journal of Science* 34: 214–217.
(2) Dyer. 1943. *South African Journal of Science* 39: 212–114.
(3) Exell. 1966. *FZ* 2: 518.
- alata** (Sim) H.M.L.Forbes
Diacarpa alata Sim (2)
Perennial. Tree. Ht 1.8–12 m. Alt 15–765 m. LIM, M, S, KZN
- capensis** R.A.Dyer
Perennial. Tree. Ht 1.5–13 m. Alt 155–425 m. EC
- natalensis** R.A.Dyer
Perennial. Tree. Ht 7–20 m. Alt 500–1450 m. KZN, EC
- BLIGHIA** K.D.König 4800000
(1) Exell. 1966. *FZ* 2: 514–516.
(2) Davies & Verdcourt. 1998. *FTEA* Sapindaceae: 24–28.
- unijugata** Baker
Phialodiscus unijugatus (Baker) Radlk. (1)
Perennial. Tree. Ht 3–20 m. Alt 25–125 m. KZN
- CARDIOSPERMUM** L. 4726000
(1) Bowden. 1966. *FZ* 2: 508–512.
(2) Fouilloy & Hallé. 1973. *Flora of Gabon* 23: 10–17.
(3) Davies & Verdcourt. 1998. *FTEA* Sapindaceae: 97–102.
- alatum* Bremek. & Oberm. = **C. corindum**
corindum L.
C. alatum Bremek. & Oberm. (1)
Perennial. Shrub, climber. Ht 0.3–4.5 m. Alt 155–1630 m. N, B, LIM, M, S, KZN
- grandiflorum** Sw.
Perennial. Climber. Ht 0.3–8 m. Alt 155–1630 m. N, B, LIM, G, M, S, KZN, WC, EC
- halicacabum** L. var. **halicacabum**
Perennial. Shrub, climber. Ht 0.4–6 m. Alt 20–1420 m. N, B, LIM, M, S, KZN
- halicacabum** L. var. **microcarpum** (Kunth) Blume
C. microcarpum Kunth (1)
Perennial. Shrub, climber. Ht 0.4–2 m. Alt 5–1440 m. N, B, LIM, M, S, KZN, EC
- microcarpum* Kunth = **C. halicacabum** var. **microcarpum**
- pechuelii** Kuntze
Perennial. Shrub, climber. Ht 1–1.8 m. Alt 410–1150 m. N
- DEINBOLLIA** Schumach. & Thonn. 4740000
(1) Exell. 1966. *FZ* 2: 512–525.
- oblongifolia** (E.Mey. ex Arn.) Radlk.
Sapindus oblongifolius (E.Mey. ex Arn.) Sond. (1)
Perennial. Tree, shrub. Ht 0.3–5 m. Alt 5–610 m. LIM, M, KZN, EC
- xanthocarpa** (Klotzsch) Radlk.
Perennial. Tree, shrub. Ht 1–6 m. Alt 250–350 m. LIM
- DIACARPA** Sim 4735010
alata Sim = **Atalaya alata**
- DODONAEA** Mill. 4831000
(1) West. 1984. *Brunonia* 7: 30–47.
(2) Davies & Verdcourt. 1998. *FTEA* Sapindaceae: 8–11.
- angustifolia* L.f. = **D. viscosa** var. **angustifolia**
viscosa Jacq. subsp. *angustifolia* (L.f.) J.G.West = **D. viscosa** var. **angustifolia**
viscosa Jacq. subsp. *viscosa* = **D. viscosa** var. **viscosa**
viscosa Jacq. var. **angustifolia** (L.f.) Benth.
D. angustifolia L.f. (2)
D. viscosa Jacq. subsp. *angustifolia* (L.f.) J.G.West (2)
Perennial. Tree, shrub. Ht 0.8–9 m. Alt 15–1525 m. B, LIM, NW, G, M, S, KZN, NC, WC, EC
- viscosa** Jacq. var. **viscosa**
D. viscosa Jacq. subsp. *viscosa* (2)
Perennial. Tree, shrub. Ht 1.5–4 m. Alt 15–200 m. KZN
- ERYTHROPHYSA** E.Mey. ex Arn. 4826000
(1) Hutchinson. 1932. *Bulletin of Miscellaneous Information* 1932: 150.
(2) Verdoorn. 1942. *The Flowering Plants of South Africa* 22: t. 857.
- alata** (Eckl. & Zeyh.) Hutch.
E. undulata E.Mey. ex Sond. (1)
Perennial. Tree, shrub. Ht 1–4 m. Alt 245–915 m. N, NC
- transvaalensis** I.Verd.
Perennial. Tree, shrub. Ht 1–5 m. Alt 900–1200 m. LIM, NW, G
- undulata* E.Mey. ex Sond. = **E. alata**
- HAPLOCOELUM** Radlk. 4769000
(1) Davies & Verdcourt. 1998. *FTEA* Sapindaceae: 43–47.
- gallaense* (Engl.) Radlk., misapplied name = **H. foliosum** subsp. **mombasense**
foliosum (Hiern) Bullock subsp. **mombasense** (Bullock) Verdc.
H. gallaense (Engl.) Radlk., misapplied name (1)
Perennial. Tree, shrub. Ht 2–9 m. Alt 45–90 m. KZN
- HIPPOBROMUS** Eckl. & Zeyh. 4836000
(1) Radlkofer. 1895. *Die natürlichen Pflanzenfamilien* 3,3: 359.
- alata* (Thunb.) Eckl. & Zeyh. = **H. pauciflorus**
pauciflorus (L.f.) Radlk.
H. alata (Thunb.) Eckl. & Zeyh. (1)
Perennial. Tree, shrub. Ht 1–13 m. Alt 15–1830 m. LIM, M, S, KZN, EC
- PANCOVIA** Willd. 4753000
(1) Exell. 1966. *FZ* 2: 525–528.
(2) Davies & Verdcourt. 1998. *FTEA* Sapindaceae: 59, 60.
- golungensis** (Hiern) Exell & Mendonça
Perennial. Tree, shrub. Ht 1.5–10 m. Alt 30–460 m. KZN
- PAPPEA** Eckl. & Zeyh. 4784000
(1) Exell. 1966. *FZ* 2: 540.
(2) Davies & Verdcourt. 1998. *FTEA* Sapindaceae: 34–37.

- capensis** Eckl. & Zeyh.
P. capensis Eckl. & Zeyh. var. *radlkoferi* (Schweinf. ex Radlk.) Schinz (1)
P. fulva Conrath (1)
P. ugandensis Baker f. (1)
Sapindus pappea Sond., illegitimate name (1)
 Perennial. Tree, shrub. Ht 1–13 m. Alt 30–1740 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC
capensis Eckl. & Zeyh. var. *radlkoferi* (Schweinf. ex Radlk.) Schinz = **P. capensis**
fulva Conrath = **P. capensis**
ugandensis Baker f. = **P. capensis**

PAULLINIA L. 4724000

- (1) Exell. 1966. *FZ* 2: 512–514.
 (2) Davies & Verdcourt. 1998. *FTEA* Sapindaceae: 102–104.

pinnata L.
 Perennial. Climber. Ht 2.5–8 m. Alt ± 750 m. B

PHIALODISCUS Radlk. 4802000

unijugatus (Baker) Radlk. = **Blighia unijugata**

SAPINDUS L. 4739000

oblongifolius (E.Mey. ex Arn.) Sond. = **Deinbollia oblongifolia**
pappea Sond., illegitimate name = **Pappea capensis**

SCHMIDELIA L. 4734010

decipens Sond. = **Allophylus decipiens**
dregeana Sond. = **Allophylus dregeanus**
leucocarpa Sond. = **Allophylus africanus** var. **africanus**
melanocarpa Sond. = **Allophylus africanus** var. **africanus**
monophylla C.Presl, naked name = **Allophylus dregeanus**
natalensis Sond. = **Allophylus natalensis**

SMELOPHYLLUM Radlk. 4754000

- (1) Radlkofer. 1878. *Sitzungsberichte der Königl. Bayerischen Akademie der Wissenschaften zu München* 8: 330, 336.

capense (Sond.) Radlk.
 Perennial. Tree, shrub. Ht 3–12 m. Alt 150–915 m. EC

STADMANNIA Lam. 4785000

- (1) Exell. 1966. *FZ* 2: 533.

oppositifolia (Lam.) Poir. subsp. **rhodesica** Exell
 Perennial. Tree. Ht 2–8 m. Alt ± 400 m. LIM

ZANHA Hiern 4836010

- (1) Exell. 1966. *FZ* 2: 537.

africana (Radlk.) Exell
 Perennial. Tree. Ht 2–10 m. Alt ± 1060 m. B

SAPOTACEAE

Compiled by M. Jordaan

AUSTROMIMUSOPS A.Meeuse 6386050

dispar (N.E.Br.) A.Meeuse = **Vitellariopsis dispar**
marginata (N.E.Br.) A.Meeuse = **Vitellariopsis marginata**

BEQUAERTIODENDRON De Wild. 6377010

magalismontanum (Sond.) Heine & J.H.Hemsl. = **Englerophytum magalismontanum**
natalense (Sond.) Heine & J.H.Hemsl. = **Englerophytum natalense**

CHRYSOPHYLLUM L. 6377000

(1) Meeuse. 1963. *FSA* 26: 35, 36.
 (2) Kupicha. 1983. *FZ* 7,1: 211–215.
 (3) Pennington. 1991. *The genera of Sapotaceae*: 216–226.
magalismontanum Sond. = **Englerophytum magalismontanum**

natalense Sond. = **Englerophytum natalense**

viridifolium J.M.Wood & Franks
 Perennial. Tree. Ht 3–30 m. Alt 30–460 m. S, KZN, EC

ENGLEROPHYTUM K.Krause 6377020

- (1) Gower. 1923. *The Flowering Plants of South Africa* 3: t. 98.
 (2) Meeuse. 1963. *FSA* 26: 36–40.
 (3) Kupicha. 1983. *FZ* 7,1: 222–225.
 (4) Pennington. 1991. *The genera of Sapotaceae*: 250–253.

magalismontanum (Sond.) T.D.Penn.

Bequaertiodendron magalismontanum (Sond.) Heine & J.H.Hemsl. (4)
Chrysophyllum magalismontanum Sond. (2)
Pouteria magalismontana (Sond.) A.Meeuse (2)
 Perennial. Tree or shrub. Ht 1–17 m. Alt 550–1830 m. B, LIM, NW, G, M, S, KZN

natalense (Sond.) T.D.Penn.

Bequaertiodendron natalense (Sond.) Heine & J.H.Hemsl. (4)
Chrysophyllum natalense Sond. (2)
Pouteria natalensis (Sond.) A.Meeuse (2)
 Perennial. Tree or shrub. Ht 1–15 m. Alt 3–1525 m. M, S, KZN, EC

INHAMBANELLA (Engl.) Dubard 6386030

- (1) Hemsley. 1968. *FTEA* Sapotaceae: 45–47.
 (2) Kupicha. 1983. *FZ* 7,1: 232, 233.

henriquesii (Engl. & Warb.) Dubard
Lecomtedoxa henriquesii (Engl. & Warb.) A.Meeuse (1)
 Perennial. Tree. Ht 3–18 m. Alt 5–765 m. KZN

LECOMTEDOXA (Engl.) Dubard 6386040

henriquesii (Engl. & Warb.) A.Meeuse = **Inhambanella henriquesii**

MANILKARA Adans. 6386010

- (1) Meeuse. 1963. *FSA* 26: 48–52.
 (2) Hemsley. 1968. *FTEA* Sapotaceae: 62–73.
 (3) Van Wyk. 1982. *South African Journal of Botany* 1: 33–37.
 (4) Kupicha. 1983. *FZ* 7,1: 242–247.
 (5) Govaerts et al. 2001. *World checklist and bibliography of Sapotaceae*.

concolor (Harv.) Gerstner
Mimusops concolor Harv. (1)

- Perennial. Tree. Ht 3–12 m. Alt 30–525 m. M, S, KZN
discolor (Sond.) J.H.Hemsl.
Mimusops natalensis (Pierre ex L.Planch.) Engl. (5)
Muriea discolor (Sond.) Hartog (2)
 Perennial. Tree. Ht 3–25 m. Alt 5–460 m. KZN
- mochisia** (Baker) Dubard
 Perennial. Tree or shrub. Ht 3–15 m. Alt 30–1250 m.
 N, B, LIM, M, S, KZN
- nicholsonii** A.E.van Wyk (3)
 Perennial. Tree. Ht 3–10 m. Alt 0–300 m. KZN
- MIMUSOPS** L. 6386000
 (1) Meeuse. 1954. *The Flowering Plants of Africa* 30: t. 1164.
 (2) Meeuse. 1963. *FSA* 26: 44–47.
 (3) Kupicha. 1983. *FZ* 7,1: 233–240.
- caffra** E.Mey. ex A.DC.
 Perennial. Tree or shrub. Ht 1–15 m. Alt 2–600 m.
 KZN, EC
- concolor** Harv. = **Manilkara concolor**
natalensis (Pierre ex L.Planch.) Engl. = **Manilkara discolor**
- obovata** Sond.
M. oleifolia N.E.Br. (2)
M. woodii Engl. (2)
 Perennial. Tree or shrub. Ht 1–20 m. Alt 3–1435 m. M,
 S, KZN, EC
- obtusifolia** Lam. (3)
 Perennial. Tree or shrub. Ht 2–10 m. Alt? LIM, M
- oleifolia* N.E.Br. = **M. obovata**
woodii Engl. = **M. obovata**
zeyheri Sond.
- Perennial. Tree or shrub. Ht 2–23 m. Alt 45–1600 m.
 B, LIM, NW, G, M, S, KZN
- MURIEA** Hartog 6386060
discolor (Sond.) Hartog = **Manilkara discolor**
- POUTERIA** Aubl. 6364000
magalismontana (Sond.) A.Meeuse = **Englerophytum magalismontanum**
natalensis (Sond.) A.Meeuse = **Englerophytum natalense**
- SIDEROXYLON** L. 6368000
 (1) Meeuse. 1963. *FSA* 26: 33–35.
 (2) Hemsley. 1966. *Kew Bulletin* 20: 472–478.
 (3) Kupicha. 1983. *FZ* 7,1: 230–232.
- inerme** L. subsp. **inerme**
 Perennial. Tree or shrub. Ht 1–15 m. Alt 2–1092 m.
 LIM, M, S, KZN, WC, EC
- VITELLARIOPSIS** Baill. ex 6386020
 Dubard
 (1) Aubréville. 1963. *Adansonia* 3: 41, 42.
 (2) Kupicha. 1983. *FZ* 7,1: 240–242.
 (3) Pooley. 1993. *Trees of Natal*: 396.
- dispar** (N.E.Br.) Aubrév.
Austromimusops dispar (N.E.Br.) A.Meeuse (1)
 Perennial. Tree or shrub. Ht 1–10 m. Alt 275–1730 m.
 KZN
- marginata** (N.E.Br.) Aubrév.
Austromimusops marginata (N.E.Br.) A.Meeuse (1)
 Perennial. Tree or shrub. Ht 4–10 m. Alt 25–700 m. M,
 S, KZN, EC

SCROPHULARIACEAE

Compiled by S.J. Smithies & J.A. Ready

Note: following recent molecular phylogenetic studies, there have been proposals for splitting up the polyphyletic family Scrophulariaceae into apparently monophyletic groups or clades, usually assigned a family name. One such was by Olmstead *et al.* (2001) in *American Journal of Botany* 88,2: 348–361. Here the genera were assigned to three main families: Scrophulariaceae in strict sense (including *Aptosimum*, *Hemimeris*, the Manuleae (*Zaluzianskya*), Selagineae (*Selago*) and *Verbascum*, plus families Buddlejaceae and Myoporaceae); Veronicaceae or Plantaginaceae (grouping the ‘snap dragons’ (*Nemesia*), *Veronica* and *Bacopa* together with *Plantago* and several other small families); and Orobanchaceae (comprising the parasites such as *Buchnera*, *Bartsia* and *Orobanche*). *Halleria* and possibly other shrub or tree genera were placed in Stilbaceae. Since many genera have not yet been examined and there are some conflicting reports, the traditional grouping of genera in the Scrophulariaceae is followed here, except that the parasites and associated genera have been placed under Orobanchaceae.

Note: there have been many changes in the taxonomy of the Scrophulariaceae, especially during the last decade. This is largely because of difficulties in finding suitable separation characters between both genera and species and superficial examinations. The Manuleae and Selagineae have been particularly difficult and many authors, prior to Hilliard, were very confused, especially Hiern (1904) and Rolfe (1901) in *Flora capensis*. Hence many of their names or synonyms are not included here. Authors often listed mixed specimens, and therefore many names have had to be cited as ‘in part’. However, the other part was not always mentioned. Tracking the cited specimens has sometimes shown this information, which is of interest to those doing identifications.

- AGATHELPIS** Choisy 7571000
adunca E.Mey. = **Microdon dubius**
angustifolia Choisy, illegitimate name = **Microdon dubius**
brevifolia E.Mey. = **Microdon dubius**
dubia (L.) Hutch. ex Wijnands = **Microdon dubius**
mucronata E.Mey. = **Microdon dubius**
nitida E.Mey. = **Microdon nitidus**
- parviflora* (P.J.Bergius) Choisy as ‘*parvifolia*’ = **Microdon parviflorus**
- ALONSOA** Ruíz & Pav. 7469000
 (1) Hiern. 1904. *FC* 4,2: 145, 149, 150, 153, 154 as *Diascia*.
 (2) Hilliard & Burtt. 1984. *Journal of South African Botany* 50,3: 337.
 (3) Roux. 1986. *South African Journal of Botany* 52,1: 7–9.
 (4) Steiner. 1989. *Annals of the Missouri Botanical Garden* 76: 1152–1159.
 (5) The Plant Names Project. 2002. *International Plant Names Index*, <http://www.ipni.org> (accessed on 01-09-2002).

peduncularis (Kunze) Wettst.*Schistanthe peduncularis* Kunze (2)Perennial. Herb, sometimes woody. Length \pm 0.3–0.5 m. Alt 300–580 m. WC, EC**unilabiata** (L.f.) Steud.*Antirrhinum unilabiatum* L.f. (4)*Diascia dissecta* Hiern (4)*Diascia heterandra* Benth. (4)*Diascia nutans* Diels (4)? *Diascia sinuata* (Sm.) Druce (4, 5)*Diascia unilabiata* (L.f.) Benth. (4)? *Hemimeris sinuata* Sm. (1, 4, 5)*Hemimeris unilabiata* (L.f.) Thunb. (4)

Annual. Herb. Ht 0.06–0.4 m. Alt 100–1370 m. NC, WC

AMBULIA Lam.

7532010

bangweolensis R.E.Fr. = **Limnophila bangweolensis***ceratophylloides* (Hiern) Engl. & Gilg = **Limnophila ceratophylloides****ANARRHINUM** Desf.

7485000

pechuelii Kuntze = **Dictis petiolaris****ANASTRABE** E.Mey. ex Benth.

7499000

(1) Hiern. 1904. *FC* 4,2: 217, 218.(2) Hilliard. 1969. *Notes from the Royal Botanic Garden Edinburgh* 29,1: 1–13.**integerrima** E.Mey. ex Benth.*A. integerrima* E.Mey. ex Benth. var. *serrulata* (E.Mey. ex Benth.) Hiern (2)*A. serrulata* E.Mey. ex Benth. (2)

Perennial. Tree, shrub, scrambler. Ht 1.5–10 m. Alt 20–1220 m. KZN, EC

integerrima E.Mey. ex Benth. var. *serrulata* (E.Mey. ex Benth.) Hiern = **Anastrabe integerrima***serrulata* E.Mey. ex Benth. = **A. integerrima****ANTHEROTHAMNUS** N.E.Br.

7497010

(1) Merxmüller & Roessler. 1967. *FSWA* 126: 8, 9.(2) Philcox. 1990. *FZ* 8,2: 20, 22, 23.(3) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 75–77.**pearsonii** N.E.Br.*A. rigida* (L.Bolus) E.Phillips as '*A. rigida* (L.Bolus) N.E.Br.' (3)*Manuleopsis karasmontana* Dinter ex Schinz & Thell. in synonym (1)*Manuleopsis karasmontana* Dinter, naked name (1)*Selaginistrum karasmontanum* (Dinter) Schinz & Thell. (3)*Selaginistrum rigidum* (L.Bolus) Schinz & Thell. (1)*Selaginistrum rigidum* (L.Bolus) Schinz & Thell. var. (?) *karasmontanum* (Dinter) Schinz & Thell. (1)*Sutera rigida* L.Bolus, illegitimate name (3)

Perennial. Shrub. Ht 0.3–3 m. Alt 660–1525 m. N, B, LIM, NW

rigida (L.Bolus) E.Phillips as '*A. rigida* (L.Bolus) N.E.Br.' = **A. pearsonii****ANTICHARIS** Endl.

7466000

(1) Merxmüller & Roessler. 1967. *FSWA* 126: 9.(2) Philcox. 1990. *FZ* 8,2: 3–7.(3) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 422, 423.*aschersoniana* Schinz = **A. senegalensis***dielsiana* Pilg. = **A. scoparia****ebracteata** SchinzPerennial, occ. annual. Dwarf shrub, herb. Ht (0.03–) 0.15–0.3 m. Alt \pm 1090 m. N*genistoides* Schinz = **A. juncea****imbricata** Schinz

Perennial, occ. annual. Dwarf shrub, herb. Ht 0.2–0.6 (–1.5) m. Alt? N

inflata Marloth & Engl.

Annual, occ. perennial. Herb, dwarf shrub. Ht (0.05–) 0.13–0.5 m. Alt 450–1850 m. N

juncea L.Bolus*A. genistoides* Schinz (1)Perennial. Dwarf shrub. Ht \pm 0.2–0.7 m. Alt 580–790 m. N*linearis* (Benth.) Hochst. ex Asch. including var. *azurea* Dinter ex Schinz = **A. senegalensis***longifolia* Marloth & Engl. = **A. senegalensis****scoparia** (E.Mey. ex Benth.) Hiern ex Benth. & Hook.f. *A. dielsiana* Pilg. (1)*Peliostomum scoparium* E.Mey. ex Benth. (1)

Perennial. Dwarf shrub. Ht 0.1–0.45(–0.9) m. Alt 420–915 m. N, NC

senegalensis (Walp.) Bhandari*A. aschersoniana* Schinz (3)*A. linearis* (Benth.) Hochst. ex Asch. including var. *azurea* Dinter ex Schinz (3)*A. longifolia* Marloth & Engl. (3)*Doratanthera linearis* Benth. (3)*Doratanthera senegalensis* Walp. (3)

Annual, occ. perennial. Herb. Ht (0.04–)0.15–0.3(–0.5) m. Alt 365–915 m. N, B, LIM, NC

ANTIRRHINUM L.

7482000

aphyllum L.f. = **Utricularia bisquamata***barbatum* Thunb. = **Nemesia barbata***bicorne* L. = **Nemesia bicornis***capense* Burm.f., not of Thunb. = **Nemesia bicornis***capense* Thunb., illegitimate name, not of Burm.f. = **Nemesia fruticans***cymbalaria* L. = **Cymbalaria muralis** subsp. **muralis***elatine* L. = **Kickxia elatine** subsp. **elatine***fruticans* Thunb. = **Nemesia fruticans***linaria* L. = **Linaria vulgaris***longicorne* Thunb. = **Diascia longicornis***macrocarpum* Aiton = **Nemesia macrocarpa***orontium* L. = **Misopates orontium***patens* Thunb. = **Diascia patens***pinnatum* L.f. = **Nemesia pinnata***scabridum* Herb. Banks. ex Benth. = **Nemesia acuminata***scabrum* (Spreng.) Thunb. = **Nemesia macrocarpa***spurium* L. = **Kickxia spuria** subsp. **spuria***strumosum* in Herb. Banks ex Benth. = **Nemesia strumosa***unilabiatum* L.f. = **Alonsoa unilabiata****APTOSIMUM** Burch. ex Benth. 7467000
name conserved(1) Weber. 1903. In Schinz, *Bulletin de l'Herbier Boissier* ser. 2,3: 894–904.(2) Hiern. 1904. *FC* 4,2: 125–132.(3) Weber. 1907. *Beihefte zum Botanischen Centralblatt* 21,2: 1–80, 99–101, t. 1–3.(4) Bremekamp. 1933. *Annals of the Transvaal Museum* 15: 255, 256.(5) Phillips. 1950. *Journal of South African Botany* 16: 21, 22.

- (6) Merxmüller & Roessler. 1967. *FSWA* 126: 12–20.
 (7) Codd. 1982. *Bothalia* 14: 80, 81.
 (8) Codd. 1983. *The Flowering Plants of Africa* 47: t. 1880.
 (9) Philcox. 1985. *Kew Bulletin* 40: 606.
 (10) Philcox. 1990. *FZ* 8,2: 3–7.
 (11) Retief & Herman 1997. *Strelitzia* 6: 605, 606.
 (12) The Plant Names Project. 2002. *International Plant Names Index*, <http://www.ipni.org> (accessed on 14-08-2002).

abietinum Burch. ex Benth. = **A. spinescens**

abietinum Burch. ex Benth. var. *β elongatum* Benth. = **A. neglectum**

albomarginatum Marloth & Engl.

Perennial. Dwarf shrub. Ht 0.08–0.6 m. Alt 760–1800 m. N, B, NW, NC

angustifolium F.E.Weber & Schinz

?*A. schinzii* F.E.Weber (6)

Perennial, occ. annual. Dwarf shrub, herb. Length 0.1–0.6 m. Alt 900–1300 m. N

arenarium Engl.

Perennial. Dwarf shrub. Ht 0.02–0.5 m. Length 0.1–0.8 m. Alt 1000–1830 m. N

decumbens Schinz

Perennial. Dwarf shrub. Ht 0.02–0.1 m. Length 0.12–0.5 m. Alt 915–1555 m. N, B

depressum Burch. ex Benth., illegitimate name = **A. procumbens**

depressum Burch. ex Benth. var. *elongatum* Hiern = **A. elongatum**

?*dinteri* F.E.Weber = **A. glandulosum**

elongatum Engl.

A. depressum Burch. ex Benth. var. *elongatum* Hiern (10)

A. eriocephalum E.Mey. ex Benth. var. *pubescens* Diels ex F.E.Weber, name only (1, 10)

A. procumbens (Lehm.) Steud. var. *elongatum* (Hiern) Codd (10)

A. pubescens (Diels ex F.E.Weber) F.E.Weber (10)

?*A. weberianum* Pilg. (6, 10)

Perennial. Dwarf shrub. Ht 0.01–0.06 m. Length 0.05–0.4 m. Alt 915–1800 m. N, B, LIM, NW, G, M, FS, NC, EC

eriocephalum E.Mey. ex Benth.

Perennial. Dwarf shrub. Ht 0.02–0.05 m. Length 0.01–0.2 m. Alt ± 1000 m. N

eriocephalum E.Mey. ex Benth. var. *pubescens* Diels ex F.E.Weber, name only = **A. elongatum**

feddeanum Pilg. = **A. glandulosum**

glandulosum F.E.Weber & Schinz

?*A. dinteri* F.E.Weber (6)

A. feddeanum Pilg. (6)

Perennial. Dwarf shrub. Ht 0.04–0.2 m. Alt? N

indivisum Burch. ex Benth.

A. nanum Engl. (2)

Perennial. Dwarf shrub. Ht 0.01–0.07 m. Alt 365–1645 m. LIM, NW, G, FS, NC, WC, EC

junceum (Hiern) Philcox

Peliostomum leucorrhizum E.Mey. ex Benth. var. *junceum* Hiern (9)

Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 490–1190 m. B, NC

laricinum Dinter = **A. spinescens**

laricinum Dinter var. *spiniosior* Dinter = **A. spinescens**

leucorrhizum (E.Mey. ex Benth.) E.Phillips = **Peliostomum leucorrhizum**

lineare Marloth & Engl. var. **acaule** F.E.Weber

Perennial. Dwarf shrub. Ht ± 0.1 m. Alt? N

lineare Marloth & Engl. var. **ciliatum** Schinz ex F.E.Weber

Perennial. Dwarf shrub, suffrutex. Ht ± 0.15 m. Alt? N

lineare Marloth & Engl. var. **lineare**

A. lineare Marloth & Engl. var. *randii* (S.Moore) F.E.Weber (10, implied)

A. nelsii F.E.Weber (6)

A. randii S.Moore (10)

Perennial. Dwarf shrub. Ht 0.02–0.4 m. Alt 150–1800 m. N, B, LIM, NW, M, NC

lineare Marloth & Engl. var. *randii* (S.Moore) F.E.Weber

= **A. lineare** var. **lineare**

lugardiae (N.E.Br. ex Hemsl. & Skan) E.Phillips as '*lugardae*'

Peliostomum leucorrhizum E.Mey. ex Benth. var. *linearifolium* (Schinz ex Kuntze) F.E.Weber (10)

Peliostomum linearifolium Schinz ex Kuntze, naked name (10)

Peliostomum lugardiae N.E.Br. ex Hemsl. & Skan as '*lugardae*' (10)

Perennial, occ. annual. Dwarf shrub, herb. Ht 0.03–0.6 m. Alt 365–1665 m. N, B, LIM?, M?, NC

marlothii (Engl.) Hiern

Peliostomum marlothii Engl. (6)

Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 915–1430 m. N, B, NW, FS, NC

nanum Engl. = **A. indivisum**

neglectum F.E.Weber

A. abietinum Burch. ex Benth. var. *β elongatum* Benth. (3)

Perennial. Dwarf shrub, suffrutex. Ht? Alt 100–± 300 m. NC

nelsii F.E.Weber = **A. lineare**

oppositifolium (Engl.) E.Phillips = **Jamesbrittenia fruticosa**

patulum Bremek.

Perennial. Dwarf shrub, scrambler. Ht 0.02–0.15 m. Length up to 0.4 m. Alt 790–915 m. LIM

procumbens (Lehm.) Steud.

A. depressum Burch. ex Benth., illegitimate name (7)

Ohlendorffia procumbens Lehm. (7)

Ruellia depressa L.f. (7)

Perennial. Herb. Ht up to 0.025 m. Length up to 0.25 m. Alt 150–2745 m. B, NW, FS, L, NC, WC, EC

procumbens (Lehm.) Steud. var. *elongatum* (Hiern) Codd = **A. elongatum**

pubescens (Diels ex F.E.Weber) F.E.Weber = **A. elongatum**

randii S.Moore = **A. lineare**

scaberrimum Schinz = **A. spinescens**

scaberrimum Schinz var. *tenuifolium* F.E.Weber = **A. spinescens**

?*schinzii* F.E.Weber = **A. angustifolium**

spinescens (Thunb.) F.E.Weber

A. abietinum Burch. ex Benth. (6)

A. laricinum Dinter (6)

A. laricinum Dinter var. *spiniosior* Dinter (6)

A. scaberrimum Schinz (6)

A. scaberrimum Schinz var. *tenuifolium* F.E.Weber (6)

A. steingroeveri Engl. (6)

A. steingroeveri Engl. var. *glabrum* F.E.Weber & Schinz (6)

Ruellia spinescens Thunb. (6)

Perennial. Dwarf shrub. Ht 0.03–0.7 m. Alt 170–2000 m. N, FS, NC, WC, EC

steingroeveri Engl. = **A. spinescens**

steingroeveri Engl. var. *glabrum* F.E. Weber & Schinz =

A. spinescens

suberosum F.E. Weber

Perennial. Dwarf shrub, succulent. Ht 0.02–0.06 m. Alt 275–365 m. N

tragacanthoides E.Mey. ex Benth.

Perennial. Dwarf shrub. Ht 0.04–0.6 m. Alt 275–550 m. N, NC

transvaalense F.E. Weber

Perennial. Dwarf shrub, suffrutex. Ht ± 0.1 m. Alt? LIM

virgatum (E.Mey. ex Benth.) E. Phillips = **Peliostomum virgatum**

viscosum Benth.

Perennial. Dwarf shrub. Ht 0.05–0.25 m. Alt? N, NC

viscosum (E.Mey. ex Benth.) E. Phillips, not of Benth. =

Peliostomum viscosum

?*weberianum* Pilg. = **A. elongatum**

BACOPA Aubl. name conserved 7546000

- (1) Hiern. 1904. *FC* 4,2: 355 as 'Moniera'.
- (2) Hepper. 1963. *FWTA* edn 2, 2: 358, 359.
- (3) Philcox. 1979. *Kew Bulletin* 33: 679, 680.
- (4) Philcox. 1990. *FZ* 8,2: 48–51.
- (5) The Plant Names Project. 2003. *International Plant Names Index*, <http://www.ipni.org> (accessed on 04-08-2003).

calycina (Benth.) Engl. ex De Wild. = **B. crenata**

crenata (P.Beauv.) Hepper

B. calycina (Benth.) Engl. ex De Wild. (4)

Herpestis crenata P.Beauv. (4)

Annual and perennial? Herb, hydrophyte or terrestrial? Length ± 0.3 m. Alt? KZN

floribunda (R.Br.) Wettst.

B. pubescens (Skan) Hutch. & Dalziel (2)

Herpestis floribunda R.Br. (4)

Annual. Herb, hydrophyte. Ht 0.05–0.3 m. Alt 385–950 m. B, LIM, M

monniera (L.) Wettst. as 'monniera', illegitimate name = **B. monnieri**

monnieri (L.) Pennell

B. monniera (L.) Wettst. as 'monniera', illegitimate name (4)

Gratiola monniera L., illegitimate name (1, 4)

Herpestis africana (Pers.) Steud. (4)

Herpestis monniera (L.) Kunth, illegitimate name (4)

Lysimachia monnieri L. (4)

Moniera africana Pers., as 'Monniera' (4)

Moniera calycina (Forssk.) Kuntze, as 'Monniera' (3, 5)

Moniera cuneifolia Michx., as 'Monniera'; Hiern (1904) in part, excluding *Herpestis crenata* P.Beauv. (4)

Perennial and annual? Herb, at times aquatic, marsh plant. Ht? Alt 1.5–30 m. S?, KZN

pubescens (Skan) Hutch. & Dalziel = **B. floribunda**

BOWKERIA Harv. 7500000

(1) Hilliard. 1969. *Notes from the Royal Botanic Garden Edinburgh* 29,1: 1–13.

(2) Killick. 1969. *The Flowering Plants of Africa* 40: t. 1578.

calceolarioides Diels = **B. cymosa**

citrina Thode

Perennial. Shrub. Ht 2–3 m. Alt ± 1585 m. G, M, KZN

cymosa MacOwan

B. calceolarioides Diels (1)

Perennial. Shrub, small tree, shrub, herb. Ht 0.75–3(–10) m. Alt 610–1980 m. LIM, M, S, EC

gerrardiana Harv. ex Hiern = **B. verticillata**

natalensis Schinz = **B. verticillata**

simpliciflora MacOwan, as 'simplicifolia' in *Index Kewensis* (1906) = **B. verticillata**

triphylla Harv. = **B. verticillata**

triphylla Harv. var. *pubescens* Kuntze = **B. verticillata**

triphylla Harv. var. *subglabra* Kuntze = **B. verticillata**

velutina Harv. ex Hiern = **B. verticillata**

verticillata (Eckl. & Zeyh.) Schinz

B. gerrardiana Harv. ex Hiern (1)

B. natalensis Schinz (1)

B. simpliciflora MacOwan, as 'simplicifolia' in *Index Kewensis* (1906) (1)

B. triphylla Harv. (1)

B. triphylla Harv. var. *pubescens* Kuntze (1)

B. triphylla Harv. var. *subglabra* Kuntze (1)

B. velutina Harv. ex Hiern (1)

Perennial. Shrub, small tree. Ht 0.9–9 m. Alt 610–2135 m. FS, KZN, L, EC

CAMPTOLOMA Benth. 7591000

(1) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 80–84.

rotundifolium Benth.

Chaenostoma corymbosum Marloth & Engl. (1)

Chaenostoma corymbosum Marloth & Engl. var. *huillanum* Diels (1)

Lyperia corymbosa (Marloth & Engl.) N.E.Br. (1)

Sutera corymbosa (Marloth & Engl.) Hiern (1)

Sutera corymbosa (Marloth & Engl.) Hiern var. *huillana* (Diels) Hiern (1)

Sutera welwitschii Skan (1)

Perennial. Herb, dwarf shrub. Ht 0.05–± 0.7 m. Alt 300–700 m. N

CAPRARIA L. 7574000

lanceolata Hort. ex Steud. = **Freylinia lanceolata**

lanceolata L.f., not of Vahl = **Freylinia lanceolata**

longiflora Thunb., name only (not basionym of *Freylinia longiflora* Benth.) = **Freylinia longiflora**

lucida Sol. = **Teedia lucida**

rigida Thunb. = **Ehretia rigida** subsp. **rigida**

salicifolia Hort. ex Benth. = **Freylinia lanceolata**

salicifolia Link. & Otto = **Freylinia lanceolata**

salicifolia Salisb. = **Freylinia lanceolata**

undulata L.f. = **Freylinia undulata**

CELSIA L. 7461000

parvifolia Engl. = **Alectra orobanchoides**

CHAENOSTOMA Benth. 7518000

acutilobum (Pilg.) Thell. = **Jamesbrittenia acutiloba**

aethiopicum (L.) Benth. in part = **Sutera aethiopica**

affine Bernh. = **Sutera affine**

ambleophyllum Thell. = **Jamesbrittenia pallida**

annuum Schltr. ex Hiern, name only, in part and excluding var. *laxum* Schltr. ex Hiern = **Manulea annua**

annuum Schltr. ex Hiern var. *laxum* Schltr. ex Hiern, name only = **Manulea paucibarbata**

aspalathoides (Benth.) Wettst. ex Diels = **Jamesbrittenia aspalathoides**

- aurantiacum* (Burch.) Thell. = **Jamesbrittenia aurantiaca**
breviflorum (Schltr.) Diels = **Jamesbrittenia breviflora**
burkeanum (Benth.) Wettst. ex Diels = **Jamesbrittenia burkeana**
calycinum Benth. = **Sutera calycina**
calycinum Benth. var. β *laxiflorum* Benth. as 'laxiflora', name only, in part = **Sutera calycina**
calycinum Benth. var. β *laxiflorum* Benth., as 'laxiflora', name only, in part = **Sutera patriotica**
campanulatum Benth. = **Sutera campanulata**
canescens (Benth.) Wettst. ex Diels = **Jamesbrittenia canescens** var. **canescens**
cooperi (Hiern) Thell. = **Sutera cooperi**
cordatum (Thunb.) Benth., excluding var. β ? *hirsutior* Benth. = **Sutera cordata**
cordatum (Thunb.) Benth. var. β ? *hirsutior* Benth., name only = **Sutera cooperi**
corymbosum Marloth & Engl. = **Camptoloma rotundifolium**
corymbosum Marloth & Engl. var. *huillanum* Diels = **Camptoloma rotundifolium**
crassicaule (Benth.) Thell. = **Jamesbrittenia crassicaulis**
croceum (Eckl. ex Benth.) Wettst. ex Diels, illegitimate name = **Jamesbrittenia atropurpurea** subsp. **atropurpurea**
cuneatum Benth. = **Sutera hispida**
cuneatum (Benth.) Wettst. ex Diels, not of Benth. = **Jamesbrittenia argentea**
denudatum Benth. in part = **Sutera affinis**
denudatum Benth. in part = **Sutera denudata**
dielsianum (Hiern) Thell. = **Jamesbrittenia racemosa**
?divaricatum Diels (type lost in Berlin) = **Manulea annua**
fasciculatum Hort. in synonym = **Sutera uncinata**
fastigiatum Benth., excluding synonym *Manulea cephalotes* Thunb. = **Sutera aethiopica**
fastigiatum Benth. var. *glabratum* Benth. name only, in part = **Sutera aethiopica**
fleckii Thell. = **Jamesbrittenia fleckii**
floribundum Benth. = **Sutera floribunda**
foetidum (Andrews) Benth. = **Sutera foetida**
fraternum (Hiern) Thell. = **Jamesbrittenia thunbergii**
fruticosum (Benth.) Wettst. = **Jamesbrittenia fruticosa**
glabratum Benth. in part = **Sutera denudata**
glabratum Benth. in part = **Sutera glabrata**
glabratum Benth. in part = **Sutera uncinata**
?gracile Diels (type lost in Berlin) = **Jamesbrittenia thunbergii**
halimifolium Benth. = **Sutera halimifolia**
hereroense Engl. = **Jamesbrittenia hereroensis**
heucherifolia Diels = **Jamesbrittenia heucherifolia**
hispidum (Thunb.) Benth., excluding var. β ? *breviflorum* Benth. = **Sutera hispida**
?hispidum (Thunb.) Benth. var. β ? *breviflorum* Benth. = **Sutera hispida** \times **Sutera caerulea**
huillanum Diels = **Jamesbrittenia huillana**
integrifolium (L.f.) Benth., excluding var. *parvifolium* Benth. = **Sutera integrifolia**
?integrifolium (L.f.) Benth. var. *parvifolium* Benth., name only = **Sutera hispida**
?jacottetianum Thell. = **Jamesbrittenia pristisepala** \times **Jamesbrittenia breviflora**
kraussianum Bernh. = **Jamesbrittenia kraussiana**
laxiflorum Benth. = **Sutera halimifolia**
linifolium (Thunb.) Benth. = **Sutera uncinata**
linifolium (Thunb.) Benth. var. *hispidum* Bernh., naked name = **Sutera uncinata**
litorale (Schinz) Wettst. ex Diels = **Jamesbrittenia fruticosa**
lyperioides Engl. = **Jamesbrittenia lyperioides**
macrosiphon Schltr. = **Sutera macrosiphon**
marifolium Benth., excluding synonym *Manulea virgata* Thunb. = **Sutera marifolia**
micranthum (Klotzsch) Engl. = **Jamesbrittenia micrantha**
microphyllum (L.f.) Wettst. = **Jamesbrittenia microphylla**
molle (Benth.) Wettst. ex Diels = **Jamesbrittenia pinnatifida**
montanum Diels = **Jamesbrittenia montana**
natalense Bernh. = **Sutera floribunda**
neglectum J.M.Wood & M.S.Evans = **Sutera neglecta**
pauciflorum Benth. in part = **Sutera cordata**
pauciflorum Benth. in part = **Sutera pauciflora**
pedicellatum (Klotzsch) Engl. = **Jamesbrittenia micrantha**
pedunculatum Benth. = **Jamesbrittenia pedunculosa**
phlogiflorum (Benth.) Wettst. ex Diels = **Jamesbrittenia phlogiflora**
pinnatifidum (L.f.) Wettst. ex Diels = **Jamesbrittenia pinnatifida**
polyanthum Benth. = **Sutera polyantha**
polyanthum of authors, not of Benth.: Loudon (1843) and others, misapplied name = **Sutera campanulata**
primuliflorum Thell. = **Jamesbrittenia primuliflora**
procumbens Benth. = **Sutera polyantha**
pumilum Benth. = **Sutera halimifolia**
racemosum Benth., not of Wettst. ex Diels. = **Sutera racemosa**
racemosum (Benth.) Wettst. ex Diels, not of Benth., illegitimate name = **Jamesbrittenia racemosa**
revolutum (Thunb.) Benth., excluding var. α *glabriusculum* Benth. & var. β *pubescens* Benth. = **Sutera revoluta**
revolutum (Thunb.) Benth. var. β *pubescens* Benth., name only, in part = **Sutera paniculata**
revolutum (Thunb.) Benth. var. β *pubescens* Benth., name only, in part = **Sutera subsessilis**
rotundifolium Benth. = **Sutera rotundifolia**

saccharatum Thell. = **Jamesbrittenia pristisepala** ×
Jamesbrittenia breviflora
schinzianum Thell. = **Jamesbrittenia pallida**
sessilifolium Diels = **Jamesbrittenia sessilifolia**
stenopetalum Diels = **Jamesbrittenia incisa**
subnudum N.E.Br. = **Sutera subnuda**
subspicatum Benth. = **Sutera subspicata**
tomentosum Thell. = **Jamesbrittenia thunbergii**
triste (L.f.) Wettst. = **Lyperia tristis**
triste (L.f.) Wettst. var. *montanum* Diels = **Lyperia tristis**
violaceum Schltr. = **Sutera violacea**
woodianum Diels = **Jamesbrittenia breviflora**

CHAMAECRYPTA Schltr. & Diels 7558010

(1) Schlechter & Diels. 1942. In Diels, *Notizblatt des Botanischen Gartens und Museums zu Berlin-Dahlem* 15,5: 787–789.

diasciifolia Schltr. & Diels

Annual. Herb. Ht 0.02–0.04 m. Alt ± 730 m. NC

CHAMAEGIGAS Dinter 7564010

- (1) Obermeyer. 1967. *The Flowering Plants of Africa* 38: t. 1503, as '*Lindernia intrepidus*'.
 (2) Walther. 1967. *Mitteilungen aus dem Staatsinstitut für Allgemeine Botanik Hamburg* 12: 189, 190.
 (3) Fischer. 1992. *Tropische und subtropische Pflanzenwelt* 81: 328–332, 356

Note: these plants have flowers floating on top of water, the length of their stalks depending on water depth.

intrepidus Dinter ex Heil

Lindernia intrepidus (Dinter ex Heil) Oberm. (3)

Perennial. Herb, epiphyte, succulent. Ht up to 0.1 m, depending on water depth. Alt 1800–2100 m. N

CHARADROPHILA Marloth 7893000

- (1) Hiern. 1904. *FC* 4,2: 370–371.
 (2) Weber. 1989. *Botanische Jahrbücher* 111: 87–119.

capensis Marloth

Perennial. Herb. Ht up to 0.1 m. Alt 170–1170 m. WC

CHENOPODIOPSIS Hilliard 7568050

- (1) Hilliard. 1990. *Edinburgh Journal of Botany* 47,3: 315–319, 337–343.

chenopodioides (Diels) Hilliard

Selago chenopodioides Diels (1)

Annual. Herb. Ht 0.05–0.12 m. Alt ± 330 m. WC

hirta (L.f.) Hilliard

Selago hirta L.f. (1)

Annual. Herb. Ht 0.03–0.25 m. Alt 275–1050 m. WC

retrorsa Hilliard

Annual. Herb. Ht ± 0.08–0.15 m. Alt? WC

COLPIAS E.Mey. ex Benth. 7475000

- (1) Hiern. 1904. *FC* 4,2: 168, 169.

mollis E.Mey. ex Benth.

Perennial. Dwarf shrub, lithophyte. Ht 0.02–0.2 m. Alt 300–1035 m. NC

CRATEROSTIGMA Hochst. 7560000

- (1) Hiern. 1904. *FC* 4,2: 360–362.
 (2) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 106.
 (3) Phillips. 1939. *The Flowering Plants of South Africa* 19: t. 730.
 (4) Fischer. 1992. *Tropische und subtropische Pflanzenwelt* 81: 85–126.

monroi S.Moore = **Lindernia monroi**

nanum (E.Mey. ex Benth.) Engl. = **C. plantagineum**

nanum (E.Mey. ex Benth.) Engl. var. *elatior* Oliv. = **C. wilmsii**

plantagineum Hochst.

C. nanum (E.Mey. ex Benth.) Engl. (4)

Torenia nana E.Mey. ex Benth. (4)

Torenia plantaginea (Hochst.) Benth. (4)

Perennial. Herb, succulent. Ht 0.03–0.1 m. Alt 305–1560 m. N, B, LIM, NW, G, M, KZN, EC?

pumilum Hochst.

Torenia pumila (Hochst.) Benth. (4)

Perennial. Herb. Ht? Alt? B

wilmsii Engl. ex Diels

C. nanum (E.Mey. ex Benth.) Engl. var. *elatior* Oliv. (4)

Perennial. Herb, succulent. Ht 0.07–0.2(–0.38) m. Alt 1220–2500 m. LIM, NW, G, FS, WC?, EC?

CREPIDORHOPALON Eb.Fisch. 7560010

- (1) Young. 1956. *Candollea* 15: 125.
 (2) Fischer. 1989. *Repertorium specierum novarum regni vegetabilis*. 100,9–10: 439–450.
 (3) Fischer. 1992. *Tropische und subtropische Pflanzenwelt* 81: 183–187.
 (4) Seine et al. 1995. *Repertorium specierum novarum regni vegetabilis* 106,1–2: 8.

debilis (Skan.) Eb.Fisch.

Lindernia debilis Skan (4)

Lindernia fugax R.G.N.Young (1, 4)

Lindernia minima R.G.N.Young, later homonym, not of Mukkerjee (4)

Annual. Herb. Ht 0.01–0.03 m. Alt? B

spicatum (Engl.) Eb.Fisch.

Lindernia dinteri Schinz (3)

Torenia spicata Engl. (2)

Annual? Herb. Ht 0.01–0.07(–0.15) m. Alt 825–1065 m. N, B, LIM

CROMIDON Compton 7568020

- (1) Compton. 1931. *Transactions of the Royal Society of South Africa* 19: 308, 309.
 (2) Hilliard. 1990. *Edinburgh Journal of Botany* 47,3: 315–337.
 (3) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 387, 416.

austerum Hilliard

Annual. Herb. Length 0.02–0.18 m. Alt 900–1065 m. NC

confusum Hilliard

Annual. Herb. Length 0.005–0.1 m. Alt 140–1300 m. NC

corrigioloides (Rolfe) Compton

Selago corrigioloides Rolfe (1)

Annual. Herb. Length 0.01–0.15 m. Alt 760–1675 m. FS, NC, WC, EC

decumbens (Thunb.) Hilliard

Manulea intertexta Herb. Banks, name only (3)

Polycarena intertexta Benth. (2)

Selago cordata E.Mey. (2)

Selago decumbens Thunb. (2)

Perennial. Herb. Length 0.06–0.4 m. Alt 1370–2090 m. NC, WC

dregei Hilliard

Perennial. Herb. Length up to 0.12 m. Alt 1200–1600 m. NC

gracile Hilliard

Annual or perennial? Length ± 0.05–0.15 m. Alt 2000–2200 m. WC

hamulosum (E.Mey.) Hilliard*Selago hamulosa* E.Mey. (2)

Annual. Herb. Ht 0.055–0.11 m. Alt 610–915 m. NC

microechinos Hilliard

Annual. Herb. Length 0.004–0.15 m. Alt 1200–1675 m. NC, WC

minutum (Rolfe) Hilliard*Walafrida minuta* Rolfe (2)

Annual. Herb. Length 0.03–0.12 m. Alt ± 915 m. N, NC

plantaginis (L.f.) Hilliard*Manulea plantaginea* Thunb., illegitimate name (3)*Manulea plantaginis* L.f. (2)*Polycarena plantaginea* (L.f.) Benth. in part, based on *Manulea plantaginis* L.f (3)

Annual. Herb. Length ± 0.02–0.15 m. Alt 1220–1740 m. NC, WC

pusillum (Roessler) Hilliard*Walafrida pusilla* Roessler (2)

Annual. Herb. Length 0.03–0.1 m. Alt? N

varicalyx Hilliard

Annual. Herb. Length ± 0.01–0.14 m. Alt 600–1600 m. NC, WC

CYMBALARIA Hill

7478000

- (1) Webb. 1972. In Tutin *et al.*, *Flora europaea* 3: 236–238.
- (2) Wells *et al.* 1986. *Memoirs of the Botanical Survey of South Africa* No. 53: 183.
- (3) Sutton. 1988. *A revision of the tribe Antirrhineae*: 158–160.

muralis P.Gaertn., B.Mey. & Scherb. subsp. **muralis***Antirrhinum cymbalaria* L. (3)*Linaria cymbalaria* (L.) Mill. (1)

Short-lived perennial. Herb. Length up to 0.6 m. Alt? G, WC, EC (only garden escape as yet?)

spuria (L.) P.Gaertn., B.Mey. & Scherb. = **Kickxia spuria** subsp. **spuria****DERMATOBOTRYS** Bolus

7492000

- (1) Hiern. 1904. *FC* 4,2:206, 207.
- (2) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 188.

saundersii Bolus ex Oliv.

Perennial. Shrub, dwarf shrub, epiphyte. Ht ± 0.5–0.9 m. Alt 100–1005 m. KZN, EC

DIASCIA Link & Otto

7471000

- (1) Hiern. 1904. *FC* 4,2: 139–164.
- (2) Britten. 1909. *Journal of Botany London* 47: 44, 45.
- (3) Phillips. 1913. *Annals of the South African Museum* 9: 122, 123.
- (4) Druce. 1917. *Report of the Botanical Society and Exchange Club of the British Isles* 1916: 619.
- (5) Merxmüller & Roessler. 1967. *FSWA* 126: 22, 23.
- (6) Hilliard & Burt. 1983. *Notes from the Royal Botanic Garden Edinburgh* 41,2: 312–314.
- (7) Hilliard & Burt. 1984. *Journal of South African Botany* 50: 269–340.
- (8) Hilliard & Burt. 1988. *Notes from the Royal Botanic Garden Edinburgh* 45,1: 87, 88.
- (9) Steiner. 1989. *The Flowering Plants of Africa* 50: t. 1990.
- (10) Steiner. 1989. *South African Journal of Botany* 55,2: 250–253.
- (11) Steiner. 1992. *Bothalia* 22,1: 13–18.
- (12) Steiner. 1992. *South African Journal of Botany* 58,1 & 3: 36–38, 39–47, 202–206.
- (13) Steiner. 1995. *South African Journal of Botany* 61,2: 72–79.
- (14) Steiner. 1999. *South African Journal of Botany* 65,3: 223–231.
- (15) Goldblatt & Manning. 2000. *Strelitzia* 9: 645–648 (includes many unpublished species).
- (16) The Plant Names Project. 2002. *International Plant Names Index*, <http://www.ipni.org> (accessed on 26-08-2002).

Note: this genus is under revision by K.E. Steiner.

aliciae Hiern

Annual. Herb. Ht 0.3–0.8 m. Alt ± 305 m. EC

alonsooides Benth.*D. tysonii* Hiern (7)

Annual. Herb. Ht 0.06–0.5 m. Alt 914–2000 m. FS, NC, WC, EC

anastrepta Hilliard & B.L.Burt

Perennial. Herb. Ht 0.12–0.35 m. Alt 1800–3100 m. KZN, L, EC

ausana Dinter*D. runcinata* of authors, not of E.Mey. ex Benth.: Dinter (1920); Range (1935) (5)*Nemesia densifolia* Grant ex Range, naked name (5)

Annual. Herb. Ht 0.03–0.12 m. Alt? N

austromontana K.E.Steiner

Perennial. Herb. Length up to 0.5 m. Alt 2195–2500 m. KZN, L

avasmontana Dinter = **Sutera patriotica****barberae** Hook.f.

Perennial. Herb. Length 0.1–0.5 m. Alt 1980–3000 m. FS, KZN, L

batteniana K.E.Steiner

Annual. Herb. Ht 0.04–0.2 m. Length up to 0.38 m. Alt 60–180 m. NC

bergiana Benth., not of Link & Otto = **D. sacculata****bergiana** Eckl. ex Hiern, not of Link & Otto = **D. elongata****bergiana** Link & Otto

Annual. Herb. Ht 0.04–0.26 m. Alt 12–490 m. WC

bicolor K.E.Steiner

Annual. Herb. Ht 0.04–0.3 m. Alt 245–560 m. WC

burchellii Benth. = **D. parviflora****capensis** (L.) Britten*Anagallis capensis* L. (2)*D. nemophiloides* Benth. (2)*Hemimeris bonae-spei* L. (2)*Paederota bonae-spei* L. (2)

Annual. Herb. Length 0.02–0.4 m. Alt 20–914 m. WC

capsularis Benth.*D. capsularis* Benth. var. *flagellaris* Hiern (7)*D. elegans* (Hiern) Hiern (7)*Hemimeris elegans* Hiern (1)

Perennial, occ. annual. Herb. Ht 0.05–0.9 m. Alt 150–1800 m. FS, L, NC, WC?, EC

capsularis Benth. var. *flagellaris* Hiern = **D. capsularis****cardiosepala** Hiern

Annual. Herb. Ht 0.04–0.2 m. Alt 610–1450 m. NC

cordata N.E.Br.

Perennial. Herb, scrambler. Ht 0.01–0.5 m. Alt 1220–2700 m. FS?, KZN, L

cuneata E.Mey. ex Benth.

Annual. Herb. Ht 0.02–0.12 m. Length up to 0.35 m. Alt 15–915 m. FS, EC

decipiens K.E.Steiner

Annual. Herb. Ht 0.04–0.4 m. Alt 200–760 m. WC, EC

denticulata Benth. = **Nemesia denticulata****dielsiana** Schltr. ex Hiern

Perennial. Herb. Ht up to 0.5 m. Alt? WC

diffusa Benth.

- Hemimeris diffusa* L.f. in part (16)
Annual. Herb. Ht 0.04–0.2 m. Length up to 0.3 m. Alt 10–975 m. WC
- dissecta* Hiern = **Alonsoa unilabiata**
- dissimulans** Hilliard & B.L.Burtt
Annual. Herb. Ht 0.11–0.45 m. Alt 760–915 m. NC
- elegans* (Hiern) Hiern = **D. capsularis**
- ellaphicae** K.E.Steiner
Annual. Herb. Length 0.04–0.22 m. Alt 100–150 m. WC
- elongata** Benth.
D. bergiana Eckl. ex Hiern, not of Link & Otto (16)
Hemimeris peduncularis Lam. (16)
Annual. Herb. Length 0.03–0.4 m. Alt 120–835 m. WC
- engleri** Diels
D. jonantha Dinter, naked name (5)
Annual. Herb. Ht 0.03–0.2 m. Alt 400–915 m. N, NC
- esterhuyseniae** K.E.Steiner
Perennial. Herb. Length up to 1 m. Alt? EC
- expolita* Hiern = **D. racemulosa**
- fetcaniensis** Hilliard & B.L.Burtt
Perennial. Herb. Length 0.15–± 0.4 m. Alt 1980–3015 m. L, EC
- flanaganii* Hiern = **D. stachyoides**
- fragrans** K.E.Steiner
Annual. Herb. Ht 0.06–0.2 m. Length up to 0.23 m. Alt 370–400 m. NC
- glandulosa** E.Phillips var. **β albiflora** E.Phillips
Annual. Herb. Ht? Alt 305–610 m. WC
- glandulosa** E.Phillips var. **glandulosa** [presumably as '*Nemesia glandulosa* E.Phillips' in (15)]
Annual. Herb. Ht ± 0.1–0.2 m. Alt 305–610 m. WC
- gracilis** Schltr.
Annual. Herb. Ht 0.05–0.3 m. Alt 140–640 m. NC, WC
- heterandra* Benth. = **Alonsoa unilabiata**
- hexensis** K.E.Steiner
Annual. Herb. Length up to 0.32 m. Alt 390–1300 m. NC, WC
- humilis** K.E.Steiner
Annual. Herb. Length 0.04–0.25 m. Alt 320–1200 m. NC, WC
- insignis** K.E.Steiner
Annual. Herb. Length 0.16–0.21 m. Alt 640–800 m. NC
- integerrima** E.Mey. ex Benth.
? *D. moltenensis* Hiern (7)
? *Nemesia hastata* Benth. (7)
Perennial. Herb, scrambler. Ht 0.15–1 m. Alt 1220–3015 m. FS, KZN, L, NC, EC
- integrifolia* Spreng. ex Eckl. = **Tylophora lycioides**
- jonantha* Dinter, naked name = **D. engleri**
- lewisiae** K.E.Steiner
Annual. Herb. Length 0.14–0.28 m. Alt 730–840 m. NC
- lilacina** Hilliard & B.L.Burtt
Perennial. Herb, lithophyte. Ht 0.02–0.2 m. Alt 1800–2195 m. EC
- longicornis** (Thunb.) Druce
Antirrhinum longicorne Thunb. (4)
D. thunbergiana Spreng. (4)
Nemesia longicornis (Thunb.) Pers., first as '*longicorne*' (4)
Annual. Herb. Ht 0.03–0.3 m. Alt 90–750 m. NC, WC
- macowanii* Hiern = **D. rigescens**
- macrophylla** (Thunb.) Benth.
Hemimeris macrophylla Thunb. (7)
Annual. Herb. Ht 0.05–0.65 m. Length 0.01–0.6 m. Alt 840–1430 m. NC
- maculata** K.E.Steiner
Annual. Herb. Length up to 0.32 m. Alt 640–1130 m. NC, WC
- megathura** Hilliard & B.L.Burtt
Perennial. Herb. Length up to 0.45 m. Alt 1770–2400 m. KZN, L
- minutiflora** Hiern
Annual. Herb. Ht 0.02–0.35 m. Alt 195–1065 m. N, NC
- mollis** Hilliard & B.L.Burtt
D. transkeiana Hilliard & B.L.Burtt (14)
Annual. Herb. Ht 0.3–1 m. Alt 0–1520 m. EC
- ? *moltenensis* Hiern = **D. integerrima**
- monasca* Hiern = **D. patens**
- montana* (L.f.) Spreng. = **Hemimeris racemosa**
- namaquensis** Hiern
Annual. Herb. Ht 0.02–0.4 m. Alt 240–1280 m. NC, WC
- nana** Diels
Annual. Herb. Ht 0.02–0.15 m. Alt 670–1160 m. NC, WC
- nemophiloides* Benth. = **D. capensis**
- nodosa** K.E.Steiner
Annual. Herb. Ht 0.03–0.21 m. Alt 140–700 m. NC
- nutans* Diels = **Alonsoa unilabiata**
- pachyceras** E.Mey. ex Benth.
Annual. Herb. Ht 0.04–0.32 m. Alt 30–305 m. WC
- parviflora** Benth.
D. burchellii Benth. (7)
Annual. Herb. Ht 0.03–0.6 m. Alt 60–1465 m. NC, WC
- patens** (Thunb.) Grant ex Fourc.
Antirrhinum patens Thunb. (7)
D. monasca Hiern (7)
Linaria patens (Thunb.) Spreng. (7)
Nemesia patens (Thunb.) G.Don (7)
Perennial? Suffrutex, scrambler. Ht 0.4–1 m. Alt 500–1372 m. WC, EC
- pentheri** Schltr.
Annual. Herb. Ht 0.03–0.05 m. Alt ± 760 m. WC
- personata** Hilliard & B.L.Burtt
D. rigescens of author, not of E.Mey. ex Benth.: Batten & Bokelmann (1966) (7)
Perennial. Herb. Ht 0.3–1.3 m. Alt 0–914 m. EC
- purpurea** N.E.Br.
Perennial. Herb. Ht 0.15–0.4 m. Alt 1555–3050 m. FS, KZN, L?
- racemulosa** Benth.
D. expolita Hiern (7)
D. ramulosa E.Mey. (1)
Annual. Herb. Length 0.45–0.75 m. Alt 305–610 m. EC

ramosa Scott-Elliot

Perennial? Herb. Ht 0.3–0.75 m. Alt 1220–1370 m. KZN

ramulosa E.Mey. = **D. racemulosa**

rigescens E.Mey. ex Benth.

D. macowanii Hiern (7)

D. rigescens E.Mey. ex Benth. var. *angustifolia* Benth. (7)

D. rigescens E.Mey. ex Benth. var. *bractescens* Hiern (7)

Perennial. Herb. Ht 0.3–1.3 m. Alt 305–1675 m. KZN, EC

rigescens E.Mey. ex Benth. var. *angustifolia* Benth. = **D. rigescens**

rigescens E.Mey. ex Benth. var. *bractescens* Hiern = **D. rigescens**

rigescens E.Mey. ex Benth. var. *montana* Diels (insufficiently known) (7)

rigescens of author, not of E.Mey. ex Benth.: Batten & Bokelmann (1966) = **D. personata**

rotundifolia Hiern = **Dielis rotundifolia**

rudolphii Hiern

Annual. Herb. Ht 0.02–0.3 m. Alt 120–1675 m. NC, WC

runcinata E.Mey. ex Benth.

Annual. Herb. Ht 0.03–0.3 m. Alt 610–1065 m. N, NC

runcinata of authors, not of E.Mey. ex Benth.: Dinter (1920); Range (1935) = **D. ausana**

sacculata Benth.

D. bergiana Benth., not of Link & Otto (1)

Annual. Herb. Ht 0.03–0.3 m. Alt 20–1020 m. NC, WC, EC

scullyi Hiern = **Hemimeris racemosa**

?*sinuata* (Sm.) Druce = **Alonsoa unilabiata**

stachyoides Schltr. ex Hiern

D. flanaganii Hiern (7)

Perennial. Herb. Ht 0.15–0.45 m. Alt 1920–2010 m. L, EC

stricta Hilliard & B.L.Burtt

Perennial. Herb. Ht 0.01–0.2 m. Length up to 0.5 m. Alt 1770–2610 m. NC, EC

tancyeras E.Mey. ex Benth.

Annual. Herb. Ht 0.03–0.6 m. Alt 110–1140 m. NC, WC

thunbergiana Spreng. = **D. longicornis**

transkeiana Hilliard & B.L.Burtt = **D. mollis**

tugelensis Hilliard & B.L.Burtt

Perennial. Herb. Length ± 0.45 m. Alt 1800–3355 m. FS, KZN

tysonii Hiern = **D. alonsooides**

unilabiata (L.f.) Benth. = **Alonsoa unilabiata**

veronicoides Schltr.

Annual. Herb. Length 0.01–0.75 m. Alt 60–1350 m. NC, WC

vigilis Hilliard & B.L.Burtt

Perennial. Herb. Length 0.13–± 0.5 m. Alt 1800–2440 m. FS, KZN, L

DICLIS Benth.

7477000

(1) Hiern. 1904. *FC* 4,2: 200–203.

(2) Merxmüller & Roessler. 1967. *FSWA* 126: 23.

(3) Hilliard & Burtt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37,2: 311.

(4) Philcox. 1990. *FZ* 8,2: 12–14.

petiolaris Benth.

Anarrhinum pechuelii Kuntze (2)

D. viridis Marloth ex Engl., naked name (4)

Hemimeris sessilifolia Benth. (1846) in part, not of Benth. (1836) (1)

Annual. Herb. Length 0.02–0.25 m. Alt 245–1400 m. N, B, LIM, NW, G, M, FS, NC

reptans Benth.

D. reptans Benth. in part; Hiern (1904) in part (3)

D. reptans Benth. var. *serrodentata* Kuntze (3)

Perennial, occ. annual. Herb. Length 0.02–0.4 m. Alt 2–2415 m. LIM, M, S, FS, KZN, L, WC, EC

reptans Benth. in part; Hiern (1904) in part = **D. reptans**

reptans Benth. in part; Hiern (1904) in part = **D. rotundifolia**

reptans Benth. var. *serrodentata* Kuntze = **D. reptans**

reptans Benth. var. *subedentata* Kuntze = **D. rotundifolia**

rotundifolia (Hiern) Hilliard & B.L.Burtt

D. reptans Benth. in part; Hiern (1904) in part (3)

D. reptans Benth. var. *subedentata* Kuntze (3)

Diascia rotundifolia Hiern (3)

Perennial, occ. annual. Herb. Length 0.02–1 m. Alt 40–3200 m. G, M, FS, KZN, L, NC, EC

stellarioides Hiern

Annual. Herb. Ht 0.13–0.3 m. Alt? WC

tenuissima Pilg.

Annual. Herb. Ht 0.01–0.06 m. Alt? N

umbonata Hiern = **Nemesia umbonata**

viridis Marloth ex Engl., naked name = **D. petiolaris**

DINTERA Stapf

7551000

(1) Merxmüller & Roessler. 1967. *FSWA* 126: 24.

pterocaulis Stapf

Annual? Herb, hydrophyte. Length up to 0.1 m. Alt? N

DISCHISMA Choisy

7567000

(1) Rolfe. 1901. *FC* 5,1: 111–116.

(2) Roessler. 1979. *Mitteilungen der Botanischen Staatssammlung München* 15: 90–160.

(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 649.

affine Schltr. = **D. spicatum**

arenarium E.Mey.

Annual. Herb. Ht 0.02–0.3 m. Alt 30–50 m. WC

capitatum (Thunb.) Choisy

D. clandestinum Schltr., not of E.Mey. (1)

Hebenstretia capitata Thunb. (2)

Selago hispida Sieb. ex Choisy, not of L.f. (1)

Annual. Herb. Ht up to 0.15 m. Alt 60–760 m. WC, EC (garden escape in EC?)

chamaedryfolium (Link ex Jaroszcz) Walp. = **D. ciliatum** subsp. **erinoides**

ciliatum (P.J.Bergius) Choisy subsp. **ciliatum**

D. hispidum (Lam.) Sweet (2)

Hebenstretia alba Jacq.f. (2)

Hebenstretia albiflora Hort. botan. berlin. ex Jaroszcz (2)

Hebenstretia ciliata P.J.Bergius (2)

Hebenstretia hispida Lam., illegitimate name (2)

Perennial, but sometimes appearing annual. Dwarf shrub. Ht 0.15–0.9 m. Alt 3–1220 m. NC, WC

ciliatum (P.J.Bergius) Choisy subsp. **erinoides** (L.f.) Roessler

- D. chamaedryfolium* (Link ex Jaroszcz) Walp. (2)
D. erinoides (L.f.) Sweet (2)
Hebenstretia chamaedryfolia Link ex Jaroszcz (2)
Hebenstretia erinoides L.f. (2)
Polycenia lanceolata E.Mey. var. *β glabrata* E.Mey. (2)
 Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 4.5–245 m.
 WC, EC
- ciliatum** (P.J.Bergius) Choisy subsp. **flaccum** (E.Mey.)
 Roessler
D. flaccum E.Mey. (2)
 Perennial. Dwarf shrub. Ht? Alt ± 10–30 m. EC
- ciliatum** (P.J.Bergius) Choisy var. **β crassifolium**
 E.Mey. (insufficiently known) (2)
- clandestinum** E.Mey.
D. occludens Schltr. (2)
 Perennial. Dwarf shrub. Ht 0.02–0.15(–0.2) m. Alt
 305–1035 m. NC, WC
- clandestinum* Schltr., not of E.Mey. = **D. capitatum**
- crassum** Rolfe
 Perennial. Dwarf shrub. Ht ± 0.2–0.5 m. Alt 0–10 m.
 WC
- erinoides* (L.f.) Sweet = **D. ciliatum** subsp. **erinoides**
flaccum E.Mey. = **D. ciliatum** subsp. **flaccum**
- fruticosum** (L.f.) Rolfe as ‘*fruticosa*’
Hebenstretia fruticosa L.f. (2)
 Perennial. Dwarf shrub. Ht ± 0.3–0.6 m. Alt? WC
- hispidum* (Lam.) Sweet = **D. ciliatum** subsp. **ciliatum**
- leptostachyum** E.Mey.
 Perennial. Dwarf shrub. Ht ± 0.3–? m. Alt 610–760 m.
 NC, WC
- occludens* Schltr. = **D. clandestinum**
- spicatum** (Thunb.) Choisy
D. affine Schltr. (2)
Hebenstretia glandulosa E.Phillips (2)
Hebenstretia pubescens Rolfe (2)
Hebenstretia spicata Thunb. (2)
 Annual. Herb. Ht 0.1–0.3(–0.5) m. Alt 40–820 m. N,
 NC, WC
- squarrosus** Schltr.
 Perennial. Dwarf shrub. Ht ± 0.2–0.6 m. Alt ± 75 m.
 WC
- struthioloides** Killick
 Perennial. Dwarf shrub. Ht ± 0.3–0.6 m. Alt ± 150 m.
 NC
- tomentosum** Schltr.
 Perennial. Dwarf shrub. Ht ± 0.06–0.3 m. Alt 700–
 1220 m. NC?, WC
- DOPATRIUM** Buch.-Ham. ex 7541000
 Benth.
 (1) Taylor. 1963. *FWTA* edn. 2, 2: 359.
 (2) Fischer. 1997. *Nordic Journal of Botany* 17,5: 527–538.
- junceum** (Roxb.) Buch.-Ham. ex Benth.
Gratiola juncea Roxb. (2)
 Annual. Herb, hydrophyte, tenagophyte. Ht 0.04–±
 0.3 m. Alt 460–1400 m. B, LIM, M, S
- DORATANThERA** Benth. 7466010
linearis Benth. = **Anticharis senegalensis**
senegalensis Walp. = **Anticharis senegalensis**
- ERINUS** L. 7594000
 (1) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 212,
 522, 572.

- aethiopicus* Thunb. = **Zaluzianskya capensis**
africanus L. = **Zaluzianskya villosa**
africanus of author, not of L.: Thunb. (1800, 1823) in
 part = **Zaluzianskya capensis**
africanus of author, not of L.: Thunb. (1800, 1823) in
 part = **Zaluzianskya pumila**
capensis L. = **Zaluzianskya capensis**
fragrans Aiton in part, illegitimate name = **Lyperia**
lychnidea
fragrans Aiton in part, illegitimate name = **Lyperia tristis**
gracilis Lehm. (insufficiently known) (1)
incisus Thunb. = **Jamesbrittenia incisa**
lychnideus (L.) L.f. in part; Thunb. (1800, 1823), ex-
 cluding *E. capensis* = **Lyperia lychnidea**
lychnideus of author, not of (L.) L.f.: Lindl. (1823) and
 others, misapplied name = **Zaluzianskya maritima**
maritimus L.f. = **Zaluzianskya maritima**
patens Thunb. (insufficiently known, possibly *James-*
brittenia) (1)
pulchellus Jaroszcz (insufficiently known) (1)
selaginoides Thunb. = **Zaluzianskya villosa**
simplex Thunb. = **Buchnera simplex**
tomentosus Thunb., illegitimate name, not of Mill. =
Jamesbrittenia thunbergii
tristis L.f. = **Lyperia tristis**
umbellatus Burm.f. = **Polycarena capensis**
villosus Thunb. = **Zaluzianskya villosa**
viscosus (Aiton) Salisb. = **Sutera caerulea**

FREYLINIA Pangella ex Colla 7497000

- (1) Hiern. 1904. *FC* 4,2: 214–216.
 (2) Moore. 1911. *Journal of the Linnean Society, Botany* 40: 152, 153.
 (3) Brown. 1931. *Kew Bulletin of Miscellaneous Information* 1931: 61.
 (4) Dyer 1959. *The Flowering Plants of Africa* 33: t. 1320.
 (5) Van Jaarsveld. 1983. *Journal of South African Botany* 49,1: 57–64.
 (6) Van Jaarsveld. 1991. *The Flowering Plants of Africa* 51: t. 2033.
 (7) Van Jaarsveld & Kimpton. 1995. *Flowering Plants of Africa* 54:
 t. 2114.
 (8) Van Jaarsveld & Thomas. 1995. *Flowering Plants of Africa* 54: t.
 2115.
 (9) Van Jaarsveld & Ward–Hilhorst. 1995. *Flowering Plants of*
Africa 54: t. 2116.
 (10) Van Jaarsveld & Thomas. 1995. *Flowering Plants of Africa* 54: t.
 2117.
 (11) Goldblatt & Manning. 2000. *Strelitzia* 9: 649, 650, 716.
 (12) The Plant Names Project. 2002. *International Plant Names*
Index, <http://www.ipni.org> (accessed on 11-05-2003).
 (13) Van Jaarsveld & Thomas. 2003. *Flowering Plants of Africa* 58:
 112–116, t. 2197.

cestroides Colla, illegitimate name = **F. lanceolata**

crispa Van Jaarsv.

Perennial. Shrub. Ht 1.5–2.5 m. Alt ± 470 m. EC
decurrens Levyns ex Van Jaarsv. = **F. densiflora**

densiflora Benth.

F. decurrens Levyns ex Van Jaarsv. (11)
F. undulata (L.f.) Benth. var. *carinata* Benth. (7)
F. undulata (L.f.) Benth. var. *densiflora* (Benth.) Hiern (7)
F. undulata (L.f.) Benth. var. *macrophylla* Hiern (7)
F. undulata (L.f.) Benth. var. *planifolia* Drège, naked name (7)
 Perennial. Shrub. Ht (0.2–)0.5–3 m. Alt 100–915 m.
 WC

helmei Van Jaarsv.

Perennial. Shrub. Ht up to 2.5 m. Alt 200–300 m. WC

lanceolata (L.f.) G.Don

- Buddleja glaberrima* Loisel. (1 as 'Budleia', 3)
Capraria lanceolata Hort. ex Steud. (12)
Capraria lanceolata L.f. not of Vahl (3)
Capraria salicifolia Hort. ex Benth. (1, 3)
Capraria salicifolia Link. & Otto (1, 3, 12)
Capraria salicifolia Salisb. (12)
Cestrum aurantiacum F.Mayer (1, 3, 12, author uncertain)
F. cestroides Colla, illegitimate name (1, 3)
F. oppositifolia Spin, naked name (3)
 Perennial. Shrub. Ht 1–4.5 m. Alt 30–1220 m. NC, WC, EC

longiflora Benth.

- Capraria longiflora* Thunb. name only (not basionym of *F. longiflora* Benth.) (3)
F. undulata (L.f.) Benth. var. *longiflora* (Benth.) Hiern (8)
 Perennial. Shrub. Ht 0.3–1.75 m. Alt ± 260 m. WC

oppositifolia Spin, naked name = **F. lanceolata**
rigida (Thunb.) G.Don, as '*Freylinia*?' = **Ehretia rigida** subsp. **rigida**

tropica S.Moore

- Perennial. Shrub. Ht 0.6–3 m. Alt 1000–1830 m. LIM, G

undulata (L.f.) Benth.

- Capraria undulata* L.f. (1)
F. undulata (L.f.) Benth. var. *pubescens* (Benth.) Hiern (3)
F. undulata (L.f.) Benth. var. *villosa* Drège, naked name (1, 3)
 Perennial. Shrub, dwarf shrub. Ht 0.2–2 m. Alt 60–1525 m. WC, EC

undulata (L.f.) Benth. var. *carinata* Benth. = **F. densiflora**

undulata (L.f.) Benth. var. *densiflora* (Benth.) Hiern = **F. densiflora**

undulata (L.f.) Benth. var. *longiflora* (Benth.) Hiern = **F. longiflora**

undulata (L.f.) Benth. var. *macrophylla* Hiern = **F. densiflora**

undulata (L.f.) Benth. var. *planifolia* Drège, naked name = **F. densiflora**

undulata (L.f.) Benth. var. *pubescens* (Benth.) Hiern = **F. undulata**

undulata (L.f.) Benth. var. *villosa* Drège, naked name = **F. undulata**

visseri Van Jaarsv.

- Perennial. Shrub. Ht up to 3.5 m. Alt? WC

vlokii Van Jaarsv.

- Perennial. Shrub. Ht up to 3 m. Alt ± 430 m. WC

FREYLINIOPSIS Engl. 7497030

trothae Engl. = **Manuleopsis dinteri**

GLEKIA Hilliard 7521010

- (1) Hiern. 1904. *FC* 4,2: 321 as '*Phyllopodium krebsianum*'.
 (2) Hilliard. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45: 481, 482.
 (3) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 416–418.

krebsiana (Benth.) Hilliard

- Phyllopodium krebsianum* Benth. (2)
 Perennial. Dwarf shrub. Ht 0.23–0.6 m. Alt 1200–2150 m. L, EC

GLOBULARIOPSIS Compton 7568030

- (1) Compton. 1931. *Transactions of the Royal Society of South Africa* 19: 308, 309.

- (2) Hartley & Balkwill. 1990. *South African Journal of Botany* 56: 471–481.

- (3) Hilliard. 1999. *The tribe Selagineae*: 16–23.

- (4) Goldblatt & Manning. 2000. *Strelitzia* 9: 650.

adpressa (Choisy) Hilliard

- Selago adpressa* Choisy (3)
Selago tephrodes E.Mey. in part (3)
 Perennial? Herb. Ht 0.15–0.45 m. Alt 200–300 m. WC

montana Hilliard

- Selago wittebergensis* Compton, not *G. wittebergensis* Compton (3)
 Perennial. Dwarf shrub. Length up to 0.3 m. Alt 1370–1465 m. WC

obtusiloba Hilliard

- Annual, perennial? Herb. Ht ± 0.3–± 0.4 m. Alt 1065–1370 m. WC

pumila Hilliard

- Annual, occ. perennial? Herb. Ht 0.12–0.22 m. Alt? WC

stricta (P.J.Bergius) Hilliard

- Selago hispida* L.f. var. *major* Choisy (3)
Selago hispida L.f. var. *nana* Choisy (3)
Selago stricta P.J.Bergius (3)
Selago tephrodes E.Mey. in part (3)
 Annual, occ. perennial. Herb. Ht 0.07–0.45 m. Alt 275–900 m. NC, WC

tephrodes (E.Mey.) Hilliard

- Selago laxiflora* Choisy (3)
Selago tephrodes E.Mey. in part (3)
 Perennial. Herb, suffrutex. Ht 0.3–1 m. Alt 185–900 m. NC, WC

wittebergensis Compton

- Perennial. Dwarf shrub, herb. Ht 0.06–0.15 m. Alt 1200–1525 m. WC

GLUMICALYX Hiern 7593010

- (1) Hilliard & Burtt. 1977. *Notes from the Royal Botanic Garden Edinburgh* 35,2: 155–172.
 (2) Hilliard & Burtt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37,2: 315.
 (3) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 526–532.

alpestris (Diels) Hilliard & B.L.Burtt = **G. nutans**

apiculatus (E.Mey.) Hilliard & B.L.Burtt

- Selago apiculata* E.Mey. (3)
Walafrida apiculata (E.Mey.) Rolfe (1)
 Perennial. Herb. Ht 0.06–0.25 m. Alt 2200–2560 m. EC

flanaganii (Hiern) Hilliard & B.L.Burtt

- Zaluzianskya flanaganii* Hiern (1)
 Perennial. Herb, dwarf shrub. Ht 0.15–0.6 m. Alt 1900–3350 m. KZN, L, EC

goseloides (Diels) Hilliard & B.L.Burtt

- Zaluzianskya goseloides* Diels (1)
 Perennial. Herb. Ht up to 0.45 m. Alt 1600–2800 m. FS, KZN, EC

lesuticus Hilliard & B.L.Burtt

- Perennial. Herb. Ht 0.1–0.35 m. Alt 2550–3180 m. L

montanus Hiern

- Perennial. Herb. Ht 0.15–0.3 m. Alt 1800–3050 m. FS, KZN, L, EC

nutans (Rolfe) Hilliard & B.L.Burtt

- G. alpestris* (Diels) Hilliard & B.L.Burtt (2)
Selago cephalophora of author, not of Thunb.: E.Mey. (1837), misapplied name (3)
Selago nutans Rolfe (2)
Zaluzianskya alpestris Diels (3)

Perennial. Herb. Length 0.1–0.45 m. Alt 1800–3350 m. FS, KZN, L, EC

GOSELA Choisy 7570000

- (1) Rolfe 1901. *FC* 5.1: 177, 178.
- (2) Hartley & Balkwill. 1990. *The South African Journal of Botany* 56.4: 471–481.
- (3) Hilliard. 1999. *The tribe Selagineae (Scrophulariaceae)*: 13.

eckloniana Choisy

Perennial. Dwarf shrub, shrub. Ht 0.4–0.8 m. Alt 515–1100 m. NC, WC

GRATIOLA L. 7542000

juncea Roxb. = **Dopatrium junceum**

monniera L., illegitimate name = **Bacopa monnieri**

parviflora Roxb. = **Lindernia parviflora**

HALLERIA L. 7493000

- (1) Hiern. 1904. *FC* 4.2: 207–210.
- (2) Verdoorn. 1945. *The Flowering Plants of Africa* 25: t. 961.
- (3) Philcox. 1990. *FZ* 8.2: 16–18.

elliptica Thunb.

H. elliptica Thunb.: Drège (1843) as ‘*Hallia elliptica*’ (1)
H. lucida L. var. β L. (1)

Perennial. Shrub, dwarf shrub. Ht 0.3–2 m. Alt 90–915 m. WC

elliptica Thunb.: Drège (1843) as ‘*Hallia elliptica*’ = **H. elliptica**

lucida L. excluding var. β L.

Perennial. Tree, shrub. Ht (0.3–)0.6–12 m. Alt 20–2225 m. N, B, NW, G, M, S, FS, KZN, L, NC, WC, EC

lucida L. var. β L. = **H. elliptica**

lucida L. var. **crispa** Drège (insufficiently known) (1)

ovata Benth.

Perennial. Shrub. Ht 1.5–3.5 m. Alt \pm 400 m. WC

HEBENSTRETIA L. 7566000

- (1) Rolfe. 1901. *FC* 5.1: 96–111.
 - (2) Roessler. 1979. *Mitteilungen der Botanischen Staatssammlung München* 15: 1–89, 116–145.
 - (3) Roessler. 1982. *Mitteilungen der Botanischen Staatssammlung München* 18: 183–186.
 - (4) Mielcarek. 1996. *Fragmenta Floristica et Geobotanica* 41.1: 68–71.
 - (5) Retief & Herman. 1997. *Strelitzia* 6: 617, 618.
 - (6) Goldblatt & Manning. 2000. *Strelitzia* 9: 651.
- Note: often as *Hebenstreitia* in older literature.

alba Jacq.f. = **Dischisma ciliatum** subsp. **ciliatum**

albiflora Hort. botan. berlin. ex Jaroscz = **Dischisma ciliatum** subsp. **ciliatum**

angolensis Rolfe

H. bequaertii De Wild. (1)
H. dentata of authors, not of L.: Rolfe (1900) [not ‘Hiern (1904)’ as in Mielcarek (1996)] and many subsequent authors, misapplied name (2)
H. holubii Rolfe (4)

Perennial. Herb, occ. somewhat woody. Ht 0.25–1(–1.5) m. Alt 850–2440 m. N, B, LIM, NW, G, M, FS?, L?

anomala Roessler

Annual. Herb. Ht \pm 0.1–0.15 m. Alt? NC

aurea Andrews = **H. integrifolia**

basutica E.Phillips = **H. dura**

bequaertii De Wild. = **H. angolensis**

capitata Thunb. = **Dischisma capitatum**

chamaedrifolia Link ex Jaroscz = **Dischisma ciliatum** subsp. **erinoides**

ciliata P.J.Bergius = **Dischisma ciliatum** subsp. **ciliatum**

comosa Hochst.

H. comosa Hochst. var. β (?) *integrifolia* Rolfe (2)
H. comosa Hochst. var. *serratifolia* Gard. Chron. 1892 (1)
H. elongata Bolus ex Rolfe (2)

Perennial. Herb. Ht (0.1–)0.2–0.3(–1.2) m. Alt 0–2835 m. LIM, NW, M, G, S, FS, KZN, EC

comosa Hochst. var. β (?) *integrifolia* Rolfe = **H. comosa**

comosa Hochst. var. *serratifolia* Gard. Chron. 1892 = **H. comosa**

cooperi Rolfe = **H. dura**

cordata L.

Polycenia cordata (L.) E.Mey. (2)
Polycenia dregei Gand. (2)

Perennial. Dwarf shrub. Ht 0.15–0.3(–0.6) m. Alt 2–20 m. N, NC, WC, EC

crassifolia Choisy = **H. robusta**

dentata L.

H. dentata L.: Rolfe (1901) in part (2)
H. dentata L. var. β *integrifolia* E.Mey. in part (1)
H. filifolia Gand. (2)
H. laxifolia E.Phillips (2)
H. pulchella Salisb., illegitimate name (2)

Annual. Herb. Ht (0.06–)0.1–0.4(–0.6) m. Alt 50–700 m. NC, WC

dentata L.: Rolfe (1901) in part = **H. dentata**

dentata L. var. β *integrifolia* E.Mey. in part = **H. dentata**

dentata L. var. β *integrifolia* E.Mey. in part = **H. integrifolia**

dentata L. var. β *integrifolia* (L.) Choisy = **H. integrifolia**

dentata L. var. γ *parvifolia* Choisy = **H. integrifolia**

dentata of authors, not of L.: Rolfe (1900) [not ‘Hiern (1904)’ as in Mielcarek (1996)] and many subsequent authors, misapplied name = **H. angolensis**

dentata of author, not of L.: Rolfe (1901) in part, misapplied name = **H. dura**

dentata of author, not of L.: Rolfe (1901) in part, misapplied name = **H. namaquensis**

dentata of author, not of L.: Rolfe (1901) in part, misapplied name = **H. paarlensis**

dentata of author, not of L.: Rolfe (1901) in part, misapplied name = **H. robusta**

discoidea E.Mey. = **H. repens**

dregei Rolfe

Polycenia fruticosa E.Mey. not *H. fruticosa* L.f. (2)

Perennial. Dwarf shrub. Ht \pm 0.3–0.5 m. Alt 305–610 m. WC

dura Choisy

H. basutica E.Phillips (2)
H. cooperi Rolfe (2)
H. dentata of author, not of L.: Rolfe (1901) in part, misapplied name (2)
H. fruticosa Sims, illegitimate name, not of L.f., var. α *dura* (Choisy) Rolfe (2)

- H. fruticosa* Sims, illegitimate name, not of L.f., var. *γrobusta* Rolfe (2)
H. sutherlandi Rolfe (2)
 Perennial. Dwarf shrub, shrub. Ht 0.2–0.6(–2) m. Alt 5–3475 m. LIM, G, M, FS, KZN, L, EC
- elongata* Bolus ex Rolfe = **H. comosa**
- erinoides* L.f. = **Dischisma ciliatum** subsp. **erinoides**
- fastigiosa** Jaroscz
H. macrostylis Schltr. (1)
 Annual. Herb. Ht 0.05–0.2(–0.37) m. Alt 105–914 m. WC
- ?*fenestrata* (E.Mey.) Rolfe = **H. repens**
- filifolia* Gand. = **H. dentata**
- fruticosa* L.f. = **Dischisma fruticosum**
- fruticosa* Sims, illegitimate name, not of L.f., var. *α dura* (Choisy) Rolfe = **H. dura**
- fruticosa* Sims, illegitimate name, not of L.f., var. *β lanceolata* Choisy (of uncertain taxonomic rank) (2)
- fruticosa* Sims, illegitimate name, not of L.f., var. *γrobusta* Rolfe = **H. dura**
- glandulosa* E.Phillips = **Dischisma spicatum**
- glaucescens** Schltr.
 Annual. Herb, but woody at base. Ht 0.01–0.15 m. Alt 140–1370 m. WC
- hamulosa** E.Mey.
 Annual. Herb. Ht 0.05–0.15 m. Alt 455–915 m. NC
- hispida* Lam., illegitimate name = **Dischisma ciliatum** subsp. **ciliatum**
- holubii* Rolfe = **H. angolensis**
- integrifolia** L.
H. aurea Andrews (2)
H. dentata L. var. *β integrifolia* E.Mey. in part (1)
H. dentata L. var. *β integrifolia* (L.) Choisy (1)
H. dentata L. var. *γparvifolia* Choisy (1)
H. scabra Thunb. (2)
H. tenuifolia Schrad. ex Rchb., not of E.Mey.(2)
H. virgata E.Mey. (2)
H. watsonii Rolfe as 'watsoni' (2)
 Annual. Herb, but base sometimes somewhat woody. Ht 0.1–0.6(–1) m. Alt 5–1830 m. N, B, NC, WC, EC
- integrifolia* of author, not of L.: Merxmüller & Roessler (1967) in part = **H. parviflora**
- kamiesbergensis** Roessler
 Perennial? Suffrutex. Ht 0.5–0.6 m. Alt? NC
- lanceolata** (E.Mey.) Rolfe
H. leucostachys Schltr. (2)
Polycenia lanceolata E.Mey., excluding var. *β glabrata* E.Mey. (2)
 Perennial. Dwarf shrub. Ht ± 0.2–0.6 m. Alt 460–1220 m. WC
- laxifolia* E.Phillips = **H. dentata**
- leucostachys* Schltr. = **H. lanceolata**
- ?*macra* E.Mey. = **H. robusta**
- macrostylis* Schltr. = **H. fastigiosa**
- minutiflora** Rolfe
H. parviflora E.Mey. var. *β denticulata* Choisy (2)
 Annual. Herb. Ht 0.05–0.2 m. Alt 1220–1525 m. NC
- namaquensis** Roessler
H. dentata of author, not of L.: Rolfe (1901) in part, misapplied name (2)
 Perennial. Suffrutex. Ht ± 0.15–0.4 m. Alt 540–1205 m. N, NC, WC
- neglecta** Roessler
 Annual. Herb. Ht (0.07–)0.1–0.3 m. Alt 305–640 m. NC, WC
- oatesii** Rolfe intermediate between subsp. **oatesii** and subsp. **rhodesiana** Roessler
 Perennial. Herb. Ht 0.6–1.83 m. Alt 945–1835 m. LIM, M, S, KZN?
- oatesii** Rolfe subsp. **oatesii**
H. polystachya Harv. ex Rolfe (2)
 Perennial. Herb. Ht (0.6–)0.8–1.8(–2) m. Alt 610–2360 m. LIM, M, S, FS, KZN
- oatesii** Rolfe subsp. **rhodesiana** Roessler
 Perennial. Herb. Ht 0.3–1.2 m. Alt 1465–1500 m. LIM, M
- paarlensis** Roessler
H. dentata of author, not of L.: Rolfe (1901) in part, misapplied name (2)
 Perennial, but sometimes appearing annual. Suffrutex. Ht 0.15–0.6 m. Alt 30–1830 m. WC
- parviflora** E.Mey.
H. integrifolia of author, not of L.: Merxmüller & Roessler (1967) in part (2)
H. stenocarpa Schltr. (2)
 Annual. Herb. Ht (0.03–)0.05–0.3(–0.4) m. Alt 130–1890 m. N, NC, WC
- parviflora* E.Mey. var. *β denticulata* Choisy = **H. minutiflora**
- polystachya* Harv. ex Rolfe = **H. oatesii** subsp. **oatesii**
- pubescens* Rolfe = **Dischisma spicatum**
- pulchella* Salisb., illegitimate name = **H. dentata**
- ramosissima** Jaroscz
Selago squarrosa Choisy (2)
 Annual. Herb. Ht 0.05–0.15(–0.2) m. Alt 155–215 m. WC
- rehmannii** Rolfe
 Perennial. Herb. Ht 0.1–0.23 m. Alt 1755–2075 m. M
- repens** Jaroscz
H. discoidea E.Mey. (2)
 ?*H. fenestrata* (E.Mey.) Rolfe (2)
 ?*Polycenia fenestrata* E.Mey. (2)
Polycenia hebenstretoides Choisy (2)
Polycenia tenera Walp. (2)
 Annual. Herb. Length 0.04–0.3(–0.5) m. Alt 20–640 m. NC, WC
- robusta** E.Mey.
H. crassifolia Choisy (2)
H. dentata of author, not of L.: Rolfe (1901) in part, misapplied name (2)
 ?*H. macra* E.Mey. (2)
H. robusta E.Mey. var. *β glabrata* E.Mey. (2)
H. tenuifolia E.Mey. in part, not of Schrad. ex Rchb. (1, 2)
 Perennial. Dwarf shrub. Ht (0.1–)0.2–0.6 m. Alt 150–1830 m. NC, WC, EC
- robusta* E.Mey. var. *β glabrata* E.Mey. = **H. robusta**
- sarcocarpa** Bolus ex Rolfe
 Annual. Herb. Ht (0.05–)0.1–0.24 m. Alt 900–915 m. NC
- scabra* Thunb. = **H. integrifolia**
- spicata* Thunb. = **Dischisma spicatum**
- stenocarpa* Schltr. = **H. parviflora**
- sutherlandi* Rolfe = **H. dura**

tenuifolia E.Mey. in part, not of Schrad. ex Rchb. = **H. robusta**

tenuifolia Schrad. ex Rchb., not of E.Mey. = **H. integrifolia**

virgata E.Mey. = **H. integrifolia**

watsoni Rolfe = **H. integrifolia**

HEMIMERIS L.f. 7472000

- (1) Hiern. 1904. *FC* 4,2: 164–168.
- (2) Diels. 1910. *Botanische Jahrbücher* 44: 121.
- (3) Grant. 1938. *Annals of the Missouri Botanical Garden* 25: 435–453.
- (4) Merrill. 1938. *Journal of the Arnold Arboretum* 19: 366.
- (5) Goldblatt & Manning. 2000. *Strelitzia* 9: 651, 652.
- (6) The Plant Names Project. 2002. *International Plant Names Index*, <http://www.ipni.org> (accessed on 01-09-2002).

alsinoides Lam = **H. racemosa**

bonae-spei L. = **Diascia capensis**

centrodes Hiern

H. nana Diels (3)

Annual. Herb. Ht 0.02–0.3 m. Alt 610–1100 m. NC

diffusa L.f. in part = **Diascia diffusa**

elegans Hiern = **Diascia capsularis**

gracilis Schltr.

Annual. Herb. Ht 0.04–0.25 m. Alt 330–1350 m. NC, WC

latipes Backh. ex Hiern = **H. racemosa**

macrophylla Thunb. = **Diascia macrophylla**

montana L.f. = **H. racemosa**

montana L.f. var. *β latipes* Benth. = **H. racemosa**

nana Diels = **H. centrodes**

pachyceras Diels = **H. racemosa**

peduncularis Lam. = **Diascia elongata**

racemosa (Houtt.) Merr.

Diascia montana (L.f.) Spreng. (3, 4)

Diascia scullyi Hiern (3, 4)

H. alsinoides Lam. (3, 4)

H. latipes Backh. ex Hiern (3, 4)

H. montana L.f. (4)

H. montana L.f. var. *β latipes* Benth. (3, 4)

H. pachyceras Diels (4)

H. sessilifolia Benth. (1836) & (1846 in part) (3, 4)

Paederota racemosa Houtt. (4)

Annual. Herb. Ht 0.04–0.5 m. Alt 3–1700 m. NC, WC, EC

sabulosa L.f.

Annual. Herb. Ht 0.04–0.5 m. Alt 18–270 m. WC

sessilifolia Benth. (1836) & (1846 in part) = **H. racemosa**

sessilifolia Benth. (1846) in part, not of Benth. (1836) = **Diclis petiolaris**

?*sinuata* Sm. = **Alonsoa unilabiata**

unilabiata (L.f.) Thunb. = **Alonsoa unilabiata**

HERPESTIS C.F.Gaertn. 7546010

africana (Pers.) Steud. = **Bacopa monnieri**

crenata P.Beauv. = **Bacopa crenata**

floribunda R.Br. = **Bacopa floribunda**

monniera (L.) Kunth, illegitimate name = **Bacopa monnieri**

HOTTONIA Burm. 7532020

indica L. = **Limnophila indica**

ILYSANTHES Raf. 7564000

bolusii Hiern = **Lindernia bolusii**

capensis (Thunb.) Benth. = **Lindernia parviflora**

conferta Hiern = **Lindernia conferta**

dubia of many authors, not of (L.) Barnhart, misapplied name = **Lindernia parviflora**

gratioloides (L.) Benth. var. *capensis* (Benth.) Kuntze as ‘*gratiolodes*’ = **Lindernia parviflora**

muddii Hiern = **Lindernia wilmsii**

nana Engl. = **Lindernia nana**

parviflora (Roxb.) Benth. = **Lindernia parviflora**

pulchella Skan = **Lindernia pulchella**

riparia of author, not of Raf.: Hiern (1901), misapplied name = **Lindernia parviflora**

schlechteri Hiern = **Lindernia nana**

wilmsii Engl. & Diels = **Lindernia wilmsii**

IXIANTHES Benth. 7498000

(1) Hiern. 1904. *FC* 4,2: 216, 217.

(2) Steiner. 1996. *Plant Systematics and Evolution* 201: 131–138.

retzioides Benth.

Perennial. Shrub. Ht 1.2–3 m. Alt 300–1525 m. WC

JAMESBRITTENIA Kuntze 7519010

(1) Hiern. 1904. *FC* 4,2: 243–310 as ‘*Sutera*’. (Often cited as ‘p.p.’ (in part) by Hilliard (1994), not all listed here.)

(2) Hemsley & Skan. 1906. *FTA* 4,2: 298–310 as ‘*Sutera*’. (Most species now *Jamesbrittenia*.)

(3) Phillips 1924. *The Flowering Plants of South Africa* 4: t. 131.

(4) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 196.

(5) Verdoorn. 1933. *The Flowering Plants of South Africa* 13: t. 484.

(6) Verdoorn. 1933. *The Flowering Plants of South Africa* 13: t. 485.

(7) Phillips. 1942. *The Flowering Plants of South Africa* 22: t. 873.

(8) Codd. 1954. *The Flowering Plants of Africa* 30: t. 1162.

(9) Codd. 1954. *The Flowering Plants of Africa* 30: t. 1167.

(10) Merxmüller & Roessler. 1967. *FSWA* 126: 43–56 as ‘*Sutera*’. [All species are now *Jamesbrittenia* except *Sutera caerulea* of author, not of (L.f.) Hiern (now *Sutera patriotica*), *Sutera corymbosa* (now *Camptoloma rotundifolia*) and *Sutera tristis* (now *Lyperia tristis*).]

(11) Philcox. 1990. *FZ* 8,2: 26–33 as ‘*Sutera*’. (All species are *Jamesbrittenia* except *Sutera levis* (= *Sutera palustris*) and *Sutera floribunda*.)

(12) Hilliard. 1992. *Edinburgh Journal of Botany* 49,2: 225–233.

(13) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 84–212.

(14) Retief & Herman. 1997. *Strelitzia* 6: 609, 610.

(15) Goldblatt & Manning. 2000. *Strelitzia* 9: 652, 653.

(16) Lemmer. 2003. *Bothalia* 33: 141–143.

accrescens (Hiern) Hilliard

Sutera accrescens Hiern (12)

Sutera brunnea Hiern var. *macrophylla* Hiern in part (13)

Sutera grandiflora of author, not of (Galpin) Hiern: Hemsley & Skan (1906), misapplied name (13)

Perennial. Suffrutex. Length ± 0.2–2 m. Alt 1200–1600 m. LIM, M

acutiloba (Pilg.) Hilliard

Chaenostoma acutilobum (Pilg.) Thell. (13)

Lyperia acutiloba Pilg. (12)

Sutera acutiloba (Pilg.) Overkott ex Roessler (13)

Perennial. Dwarf shrub, lithophyte. Ht ± 0.6 m. Alt? N

adpressa (Dinter) Hilliard

- Sutera adpressa* Dinter (12)
Annual. Herb. Length \pm 0.02–0.3 m. Alt 1005–1025 m. N, NC
- albanensis** Hilliard
Lyperia pinnatifida (L.f.) Benth. var. *microphylla* Benth. (13)
Perennial. Dwarf shrub. Ht to \pm 0.45 m. Alt 70–550 m. WC, EC
- albiflora** (I. Verd.) Hilliard
Manulea linifolia Thunb. var. β *heterophylla* Kuntze (13)
Sutera albiflora I. Verd. (12)
Sutera linifolia (Thunb.) Kuntze var. *heterophylla* (Kuntze) Hiern (13)
Perennial. Dwarf shrub. Length \pm 0.1–0.45 m. Alt 1370–1525 m. NW, FS, NC
- albomarginata** Hilliard
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 20–230 m. WC
- amplexicaulis** (Benth.) Hilliard
Lyperia amplexicaulis Benth. (12)
Sutera amplexicaulis (Benth.) Hiern (13)
Perennial. Herb. Length \pm 0.2–0.45 m. Alt? NC
- argentea** (L.f.) Hilliard
Buchnera pedunculata Andrews (13)
Chaenostoma cuneatum (Benth.) Wettst. ex Diels, not of Benth. (13)
Lyperia argentea (L.f.) Benth. excluding var. β Benth. (13)
Lyperia cuneata Benth. (13)
Lyperia kraussiana (Bernh.) Benth. var. β *latifolia* Benth. (13, may be hybrid)
Lyperia pedunculata (Andrews) Benth. (13)
Manulea argentea L.f. (12)
Manulea pedunculata (Andrews) Pers. (13)
Sutera argentea (L.f.) Hiern in part (13)
Sutera kraussiana (Bernh.) Hiern var. *latifolia* (Benth.) Hiern (13 implied)
Sutera pedunculata (Andrews) Hiern in part (13)
Sutera phlogiflora (Benth.) Hiern in part (13)
Sutera rhombifolia Schinz (13)
Perennial. Shrub. Ht \pm 0.75–1.5 m. Alt 0–600 m. WC, EC
- aridicola** Hilliard
Annual. Herb. Ht \pm 0.025–0.6 m. Alt 880–915 m. N, NC
- aspalathoides** (Benth.) Hilliard
Chaenostoma aspalathoides (Benth.) Wettst. ex Diels (13)
Lyperia aspalathoides Benth. in part (13)
Sutera aspalathoides (Benth.) Hiern in part (13)
Perennial. Dwarf shrub. Ht \pm 0.2–0.5 m. Alt 0–1070 m. WC, EC
- aspleniifolia** Hilliard
Perennial. Dwarf shrub, lithophyte. Ht \pm 0.35 m. Alt 1675–2300 m. L, EC
- atropurpurea** (Benth.) Hilliard subsp. **atropurpurea**
Chaenostoma croceum (Eckl. ex Benth.) Wettst. ex Diels, illegitimate name (13)
Lyperia atropurpurea Benth. in part (13)
Lyperia crocea Eckl. ex Benth., illegitimate name (13)
Manulea atropurpurea (Benth.) Kuntze (13)
Sutera atropurpurea (Benth.) Hiern (13)
Perennial. Dwarf shrub or shrub. Ht \pm 1 m. Alt 300–2000 m. NW, G, FS, L, NC, WC, EC
- atropurpurea** (Benth.) Hilliard subsp. **pubescens** Hilliard
Sutera atropurpurea (Benth.) Hiern: Philcox (1990) in part and excluding *Lyperia aspalathoides* (Benth.) Hiern (13)
Perennial. Dwarf shrub. Ht \pm 0.6 m. Alt 900–1220 m. N, B, NC
- aurantiaca** (Burch.) Hilliard
Buchnera aurantiaca Burch. (12)
Chaenostoma aurantiacum (Burch.) Thell. (13)
Lyperia multifida Benth. (13)
Lyperia pinnatifida (L.f.) Benth. var. *macrophylla* Benth., name only in part (13)
Manulea multifida (Benth.) Kuntze (13)
Sutera aurantiaca (Burch.) Hiern; Hiern (1904) in part (13)
Perennial, but sometimes appearing annual. Herb. Length \pm 0.06–0.3(–0.75) m. Alt 1370–1900 m. N, B, NW, G, M, FS, KZN, L, NC, EC
- barbata** Hilliard
Perennial, but sometimes appearing annual. Dwarf shrub. Ht 0.15–0.35 m. Alt? N
- bergae** P. Lemmer
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt \pm 1060 m. LIM
- beverlyana** (Hilliard & B.L. Burt) Hilliard
Sutera beverlyana Hilliard & B.L. Burt (12)
Perennial. Herb. Length \pm 0.35 m. Alt \pm 2325 m. L
- bicolor** (Dinter) Hilliard
Sutera amplexicaulis of author, not of (Benth.) Hiern: Merxmüller & Roessler (1967), misapplied name (13)
Sutera bicolor Dinter (12)
Perennial, but sometimes appearing annual. Dwarf shrub. Ht 0.1–0.5 m. Alt? N
- breviflora** (Schltr.) Hilliard
Chaenostoma breviflorum (Schltr.) Diels (13)
Chaenostoma woodianum Diels (13)
Lyperia breviflora Schltr. (12)
Lyperia punicea N.E.Br. (13)
Sutera breviflora (Schltr.) Hiern (13)
Perennial. Herb. Length \pm 0.15–0.6 m. Alt 975–2400 m. KZN, L, EC
- burkeana** (Benth.) Hilliard
Chaenostoma burkeanum (Benth.) Wettst. ex Diels (13)
Lyperia burkeana Benth. (12)
Sutera burkeana (Benth.) Hiern in part (13)
Suffrutex, occ shrub. Length \pm 0.3–1.5 m. Alt \pm 750–1800 m. B, LIM, NW, G, S, KZN
- calciphila** Hilliard
Perennial. Dwarf shrub, lithophyte. Length 0.1–0.45 m. Alt up to 200 m. WC
- candida** Hilliard
Perennial. Suffrutex. Length \pm 0.3–0.5 m. Alt 860–1375 m. LIM
- canescens** (Benth.) Hilliard var. **canescens**
Chaenostoma canescens (Benth.) Wettst. ex Diels (13)
Lyperia canescens Benth. (12)
Sutera canescens (Benth.) Hiern; Merxmüller & Roessler (1967) in part, excluding *Lyperia seineri* Pilg., *L. confusa* Dinter, *L. pilgeriana* Dinter and *Sutera canescens* (Benth.) Hiern var. *laevior* Dinter (13)
Sutera dioritica Dinter (13)
Perennial. Dwarf shrub or herb. Length \pm 0.15–0.75 m. Alt 550–1300 m. N, NC
- canescens** (Benth.) Hilliard var. **laevior** (Dinter) Hilliard
Sutera canescens (Benth.) Hiern var. *laevior* Dinter (12)
Perennial. Dwarf shrub or herb. Length \pm 0.15–0.75 m. Alt \pm 1525 m. N
- canescens** (Benth.) Hilliard var. **seineri** (Pilg.) Hilliard
Lyperia confusa Dinter (13)
Lyperia seineri Pilg. (12)
Sutera canescens (Benth.) Hiern, in sense of Hemsley & Skan (1906) in part (13)
Sutera micrantha Hiern, in sense of Philcox (1990) in part (13)
Perennial. Dwarf shrub or herb. Length \pm 0.15–0.75 m. Alt 840–885 m. N, B, NC

chenopodioides Hilliard

Perennial, but sometimes appearing annual. Herb, becoming woody below. Ht 0.3–1 m. Alt? N

concinna (Hiern) Hilliard

Sutera concinna Hiern (12)

Sutera tenuis Pilg. (13)

Annual. Herb. Length \pm 0.02–0.4 m. Alt \pm 1240 m. N, B

crassicaulis (Benth.) Hilliard

Chaenostoma crassicaule (Benth.) Thell. (13)

Lyperia crassicaulis Benth. in part. (13)

Sutera crassicaulis (Benth.) Hiern in part and excluding var. *purpurea* Hiern and synonym *Lyperia stricta* Benth. (13)

Perennial. Dwarf shrub, lithophyte. Length \pm 0.06–0.3 m. Alt 1500–2400 m. EC

dentatisepala (Overkott) Hilliard

Sutera dentatisepala Overkott (12)

Perennial. Dwarf shrub. Length \pm 0.15–0.26 m. Alt 1980–3000 m. KZN, L

dolomitica Hilliard

Sutera pallida of author, not of (Pilg.) Overkott ex Roessler; Merxmüller & Roessler (1967) in part, misapplied name (13)

Perennial. Dwarf shrub. Ht \pm 0.45–1 m. Alt \pm 1500 m. N

elegantissima (Schinz) Hilliard

Lyperia elegantissima Schinz (12)

Sutera elegantissima (Schinz) Skan (13)

Perennial. Herb. Length \pm 0.15–over 1 m. Alt \pm 975 m. N, B

filicaulis (Benth.) Hilliard

Lyperia filicaulis Benth. (12)

Lyperia pinnatifida (L.f.) Benth. var. *canescens* Benth. (13)

Lyperia pinnatifida (L.f.) Benth. var. *subbipinnatisecta* Benth. (13)

Lyperia pinnatifida (L.f.) Benth. var. *visco-pubescentes* Benth. (13)

Sutera filicaulis (Benth.) Hiern (13)

Sutera henrici Hiern (13)

Sutera pinnatifida Hiern in part (13)

Sutera virgulosa Hiern (13)

Perennial. Dwarf shrub. Length \pm 0.45 m. Alt 800–2100 m. FS, KZN, L, EC

fimbriata Hilliard

Perennial? Dwarf shrub? Length 0.2–? m. Alt? N

fleckii (Thell.) Hilliard

Chaenostoma fleckii Thell. (12)

Sutera pallida of author, not of (Pilg.) Overkott ex Roessler; Merxmüller & Roessler (1967) in part, misapplied name (13)

Perennial. Herb. Ht \pm 0.2–0.4 m. Alt? N

foliolosa (Benth.) Hilliard

Lyperia foliolosa Benth. (12)

Lyperia pinnatifida (L.f.) Benth. var. *subcanescens* Benth. (13)

Manulea foliolosa (Benth.) Kuntze (13)

Sutera argentea (L.f.) Hiern in part (13)

Sutera foliolosa (Benth.) Hiern in part (13)

Sutera pinnatifida Hiern in part (13)

Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 0–900 m. WC, EC

fragilis (Pilg.) Hilliard

Sutera fragilis Pilg. (12)

Annual. Herb. Length \pm 0.055–0.65 m. Alt \pm 1460 m. N

fruticosa (Benth.) Hilliard

Aptosimum oppositifolium (Engl.) E. Phillips (13)

Chaenostoma fruticosum (Benth.) Wettst. (13)

Chaenostoma litorale (Schinz) Wettst. ex Diels (13)

Lyperia fruticosa Benth. (12)

Lyperia litoralis Schinz (13)

Peliostomum oppositifolium Engl. (13)

Sutera fruticosa (Benth.) Hiern (13)

Sutera lilacina Dinter (13)

Sutera litoralis (Schinz) Hiern (13)

Perennial. Dwarf shrub or shrub. Ht \pm 1.3 m. Alt 0–1200 m. N, NC, WC

giessii Hilliard

Perennial. Dwarf shrub, lithophyte. Ht \pm 0.45 m. Alt up to 2000 m. N

glutinosa (Benth.) Hilliard

Lyperia glutinosa Benth. (12)

Sutera tomentosa Hiern, illegitimate name; Merxmüller & Roessler (1967) in part (13)

Annual or perennial? Herb. Ht 0.02–0.45 m. Alt 400–800 m. N, NC

grandiflora (Galpin) Hilliard

Lyperia grandiflora Galpin (12)

Sutera grandiflora (Galpin) Hiern (13)

Perennial. Dwarf shrub or shrub. Ht \pm 0.5–1.2 m. Alt 600–2000 m. M, S

hereroensis (Engl.) Hilliard

Chaenostoma hereroense Engl. (12)

Sutera hereroensis (Engl.) Skan; Merxmüller & Roessler (1967) in part (13)

Sutera pedunculosa of author, not of (Benth.) Kuntze; Hemsley & Skan (1906) in part, misapplied name (13)

Annual, perennial? Herb. Ht 0.03–0.6 m. Alt 250–800 m. N

heucherifolia (Diels) Hilliard

Chaenostoma heucherifolia Diels (12)

Sutera gossweileri Skan (13)

Sutera heucherifolia (Diels) Hiern (13)

Sutera pallida of author, not of (Pilg.) Overkott ex Roessler; Merxmüller & Roessler (1967) in part, misapplied name (13)

Perennial, but sometimes appearing annual. Dwarf shrub. Length \pm 0.15–0.7 m. Alt 700–1000 m. N

huillana (Diels) Hilliard

Chaenostoma huillanum Diels (12)

Lyperia dinteri Diels ex Pilg. (13)

Lyperia longituba Dinter (13)

Sutera atropurpurea of authors, not of (Benth.) Hiern; Hemsley & Skan (1906) and others, misapplied name (13)

Sutera brunnea Hiern (13)

Sutera brunnea Hiern var. *macrophylla* Hiern in part (13)

Sutera huillana (Diels) Hiern (13)

Sutera longituba (Dinter) Range (13)

Perennial. Dwarf shrub or shrub. Ht 0.15–1.2 m. Alt 500–2100 m. N, LIM, M, S, KZN, EC

incisa (Thunb.) Hilliard

Chaenostoma stenopetalum Diels (13)

Erinus incisus Thunb. (12)

Lyperia incisa (Thunb.) Benth. (13)

Sutera esculenta Bond (13)

Sutera incisa (Thunb.) Hiern (13)

Sutera stenopetala (Diels) Hiern (13)

Perennial. Dwarf shrub. Length up to 0.3 m. Alt 1190–1610 m. NC

integerrima (Benth.) Hilliard

Lyperia integerrima Benth. (12)

Lyperia squarrosa Pilg. (13)

Manulea linifolia Thunb. var. *integerrima* (Benth.) Kuntze (13)

Sutera argentea (L.f.) Hiern in part (13)

Sutera asbestina Hiern (13)

Sutera ausana Dinter ex Range, name only (13)

Sutera ballapina Hiern (13)

Sutera integerrima (Benth.) Hiern in part (13)

Sutera pallida of author, not of (Pilg.) Overkott ex Roessler; Merxmüller & Roessler (1967) in part, misapplied name (13)

Sutera squarrosa (Pilg.) Hiern ex Range (13)

Perennial. Dwarf shrub or herb. Length 0.1–0.6 m. Alt 760–1675 m. N, NC

jurassica (Hilliard & B.L.Burt) Hilliard

Sutera jurassica Hilliard & B.L.Burt (12)

- Perennial. Herb. Length 0.06–0.12 m. Alt 2500–3230 m. L
- kraussiana** (Bernh.) Hilliard
Chaenostoma kraussianum Bernh. (12)
Lyperia kraussiana (Bernh.) Benth. excluding var. *β latifolia* Benth. (13)
Manulea kraussiana (Bernh.) Kuntze (13)
Sutera kraussiana (Bernh.) Hiern in part and excluding *Manulea pinnatifida* L.f. and *Selago kraussiana* var. *latifolia* (Benth.) Hiern (13)
 Perennial. Herb. Length ± 0.15–0.6 m. Alt 0–800 m. KZN, EC
- lesutica** Hilliard
 Perennial. Dwarf shrub. Ht ± 1 m. Alt 2135–2440 m. L
- lyperioides** (Engl.) Hilliard
Chaenostoma lyperioides Engl. (12)
Sutera lyperioides (Engl.) Engl. ex Range (13)
 Perennial. Dwarf shrub. Ht ± 0.15–0.6 m. Alt 1000–? m. N
- macrantha** (Codd) Hilliard
Sutera macrantha Codd (12)
 Perennial. Dwarf shrub, shrub. Ht ± 0.5–1 m. Alt 335–1280 m. M
- major** (Pilg.) Hilliard
Lyperia major Pilg. (12)
Sutera major (Pilg.) Range (13)
 Perennial. Herb. Ht ± 0.2–0.4 m. Alt 220–800 m. N, NC
- maritima** (Hiern) Hilliard
Sutera maritima Hiern (12)
 Perennial. Herb. Ht ± 0.7 m. Alt 5–185 m. EC
- maxii** (Hiern) Hilliard
Sutera amplexicaulis of author, not of (Benth.) Hiern: Hemsley & Skan (1906) in part, misapplied name (13)
Sutera maxii Hiern; Merxmüller & Roessler (1967) in part (13)
 Perennial. Dwarf shrub or shrub. Ht 0.15–1 m. Alt 0–1000 m. N, NC
- megadenia** Hilliard
 Annual. Herb. Ht 0.06–0.5 m. Alt ± 1190 m. N, NC
- megaphylla** Hilliard
 Annual? Herb. Length ± 0.35–0.6 m. Alt? N, NC
- merxmuelleri** (Roessler) Hilliard
Sutera merxmuelleri Roessler (12)
Sutera microphylla of authors, not of (L.f.) Hiern: Hiern (1904) in part and others, misapplied name (13)
 Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt ± 200 m. N, NC
- micrantha** (Klotzsch) Hilliard
Chaenostoma micranthum (Klotzsch) Engl. (13)
Chaenostoma pedicellatum (Klotzsch) Engl. (13)
Lyperia micrantha Klotzsch (12)
Lyperia pedicellata Klotzsch (13)
Sutera blantyrensis Skan (13)
Sutera bolusii Hiern (13)
Sutera fissifolia S.Moore (13)
Sutera luteiflora Hiern in part (13)
Sutera micrantha Hiern; Philcox (1990) in part (13)
 Perennial, but sometimes appearing annual. Herb. Length 0.08–0.6 m. Alt up to 1200 m. B, LIM, M, S, KZN
- microphylla** (L.f.) Hilliard
Chaenostoma microphyllum (L.f.) Wettst. (13)
Lyperia aspalathoides Benth. in part (13)
Lyperia microphylla (L.f.) Benth. (13)
Manulea microphylla L.f. (12)
Sutera densifolia Hiern (13)
Sutera microphylla (L.f.) Hiern in part (13)
- Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 0–150 (–518) m. WC, EC
- montana** (Diels) Hilliard
Chaenostoma montanum Diels (12)
Sutera luteiflora Hiern in part (13)
Sutera montana (Diels) S.Moore; Hilliard & Burtt (1982) excluding synonym *S. bolusii* Hiern (13)
 Perennial, but sometimes appearing annual. Herb. Length ± 0.07–0.4 m. Alt 1070–1500 m. LIM, NW, KZN
- multisecta** Hilliard
 Perennial. Herb. Length ± 0.07–0.2 m. Alt 300–600 m. EC
- namaquensis** Hilliard
 Perennial. Dwarf shrub. Ht ± 0.08–0.6 m. Alt 460–1600 m. NC
- pallida** (Pilg.) Hilliard
Chaenostoma ambleophyllum Thell. (13)
Chaenostoma schinzianum Thell. (13)
Lyperia glutinosa of author, not of Benth.: Engler (1888), misapplied name (10, 13)
Lyperia pallida Pilg. (12)
Sutera pallida (Pilg.) Overkott ex Roessler; Merxmüller & Roessler (1967) in part, excluding *Chaenostoma fleckii* Thell. (13)
Sutera tomentosa of author, not of Hiern: Hemsley & Skan (1906), misapplied name (10)
 Perennial. Dwarf shrub, lithophyte. Ht ± 0.15–0.45 m. Alt 1000–? m. N
- pedunculosa** (Benth.) Hilliard
Chaenostoma pedunculosum Benth. (12)
Sutera pedunculosa (Benth.) Kuntze (13)
 Annual. Herb. Length ± 0.045–0.4 m. Alt 500–1000 m. NC
- phlogiflora** (Benth.) Hilliard
Chaenostoma phlogiflorum (Benth.) Wettst. ex Diels (13)
Lyperia phlogiflora Benth. (12)
Sutera phlogiflora (Benth.) Hiern in part (13)
 Perennial. Dwarf shrub. Ht ± 0.5 m. Alt 335–610 m. EC
- pilgeriana** (Dinter) Hilliard
Lyperia pilgeriana Dinter (12)
Sutera pilgeriana (Dinter) Range (4)
 Perennial. Dwarf shrub, lithophyte. Ht 0.15–0.3 m. Alt? N
- pinnatifida** (L.f.) Hilliard
Chaenostoma molle (Benth.) Wettst. ex Diels (13)
Chaenostoma pinnatifidum (L.f.) Wettst. ex Diels (13)
Lyperia mollis Benth. (13)
Lyperia pinnatifida (L.f.) Benth. excluding varieties (13)
Manulea pinnatifida L.f. (12)
Sutera mollis (Benth.) Hiern in part (13)
 Perennial. Herb. Length ± 0.3–0.45 m. Alt ± 830 m. NC, WC, EC
- primuliflora** (Thell.) Hilliard
Chaenostoma primuliflorum Thell. (12)
Sutera primuliflora (Thell.) Range as 'primulina' (4)
 Annual, occ. perennial? Ht 0.025–0.6 m. Alt 900–? m. N
- pristisepala** (Hiern) Hilliard
Lyperia crassicaulis Benth. in part (13)
Sutera crassicaulis (Benth.) Hiern var. *purpurea* Hiern (13)
Sutera pristisepala Hiern (12)
 Perennial. Dwarf shrub, lithophyte. Length 0.35–? m. Alt 1500–3000 m. FS, KZN, L, EC
- pristisepala** (Hiern) Hilliard × **J. breviflora** (Schltr.) Hilliard
 ?*Chaenostoma jacottetianum* Thell. (13)
 ?*Chaenostoma saccharatum* Thell. (13)

- Perennial. Dwarf shrub. Ht ± 0.35 m. Alt 1980–2560 m. KZN, L
- pristispala** (Hiern) Hilliard × **J. stricta** (Benth.) Hilliard
? *Lyperia crassicaulis* Benth. in part (13)
Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt ± 2000–2200 m. M?, FS, L, EC
- racemosa** (Benth.) Hilliard
Chaenostoma dielsianum (Hiern) Thell. (13)
Chaenostoma racemosum (Benth.) Wettst. ex Diels, not of Benth., illegitimate name (13)
Lyperia racemosa Benth. (12)
Sutera dielsiana Hiern (13)
Sutera tomentosa of author, not of Hiern: Le Roux & Schelpe (1988), misapplied name (13)
Annual. Herb. Ht 0.05–0.6 m. Alt 300–900 m. NC, WC
- ramosissima** (Hiern) Hilliard
Sutera ramosissima Hiern (12)
Perennial. Dwarf shrub or shrub. Ht 0.3–1.5 m. Alt 490–915 m. N, NC
- sessilifolia** (Diels) Hilliard
Chaenostoma sessilifolium Diels (12)
Sutera gariusana Dinter (13)
Sutera sessilifolia (Diels) Hiern; Merxmüller & Roessler (1967) excluding *Lyperia major* Pilg. (13)
Perennial. Dwarf shrub or shrub. Ht 0.25–1 m. Alt? N
- silenoides** (Hilliard) Hilliard
Sutera burkeana of author, not of (Benth.) Hiern: Fabian & Germishuizen (1982), misapplied name (13)
Sutera silenoides Hilliard (12)
Perennial. Herb. Length 0.2–0.5 m. Alt 1770–1875 m. LIM, M, KZN
- stellata** Hilliard
Sutera pedunculata of author, not of (Andrews) Hiern: Levyns (1950), misapplied name (13)
Perennial. Dwarf shrub. Ht ± 0.2–0.4 m. Alt ± 60 m. WC
- stricta** (Benth.) Hilliard
Lyperia crassicaulis Benth. in part (13)
Lyperia stricta Benth. (12)
Perennial. Dwarf shrub. Length up to 0.45 m. Alt 1300–2200 m. M, FS, KZN, L, NC, EC
- tenella** (Hiern) Hilliard
Sutera flexuosa Hiern (13)
Sutera hereroensis of author, not of (Engl.) Skan: Merxmüller & Roessler (1967) in part, misapplied name (13)
Sutera pedunculosa of author, not of (Benth.) Kuntze: Hemsley & Skan (1906) in part, misapplied name (13)
Sutera tenella Hiern (12)
Annual. Herb. Ht ± 0.04–0.4 m. Alt? N, NC
- tenuifolia** (Bernh.) Hilliard
Lyperia tenuifolia Bernh. (12)
Sutera atrocaerulea Fourc. (13)
Sutera atrocaerulea Fourc. var. *latifolia* Fourc. (13)
Sutera tenuifolia (Bernh.) Fourc. (13)
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt up to 800 m. WC, EC
- thunbergii** (G.Don) Hilliard
Chaenostoma fraturnum (Hiern) Thell. (13)
? *Chaenostoma gracile* Diels (type lost in Berlin) (13)
Chaenostoma tomentosum Thell. (13)
Erinus tomentosus Thunb., illegitimate name, not of Mill. (13)
Lyperia tomentosa Pilg. (13)
Manulea tomentosa Benth., mistake for *Manulea thunbergii* G.Don (13)
Manulea thunbergii G.Don (12)
Sutera fraterna Hiern (13)
? *Sutera gracilis* (Diels) Hiern (13)
Annual. Herb. Ht 0.02–0.6 m. Alt 250–1000 m. NC, WC
- tortuosa** (Benth.) Hilliard
Lyperia atropurpurea Benth. in part (13)
Lyperia tortuosa Benth. (12)
Sutera tortuosa (Benth.) Hiern (13)
Perennial. Dwarf shrub. Length ± 0.15–0.5 m. Alt 300–750 m. WC, EC
- tysonii** (Hiern) Hilliard
Lyperia pinnatifida (L.f.) Benth. var. *macrophylla* Benth., name only in part (4)
Sutera altoplana Hiern (13)
Sutera tysonii Hiern (12)
Perennial. Dwarf shrub. Length up to 0.3 m. Alt 914–1920 m. NC, EC
- zuurbergensis** Hilliard
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 610–915 m. EC
- *KICKXIA** Dumort. 7479000
(1) Hiern. 1904. *FC* 4,2: 204, 205, as '*Linaria spuria*'.
(2) Fernandes. 1972. In Tutin *et al.*, *Flora europaea* 3: 238, 239.
(3) Sutton. 1988. *A revision of the tribe Antirrhineae*: 169–249.
Note: these and other species are sometimes found sporadically as weeds of cultivation but perhaps are not yet naturalised.
- elatine** (L.) Dumort. subsp. **elatine**
Antirrhinum elatine L. (3)
Annual. Herb. Length up to 1 m. Alt ± 120 m. WC
- spuria** (L.) Dumort. subsp. **spuria**
Antirrhinum spurium L. (3)
Cymbalaria spuria (L.) P.Gaertn., B.Mey. & Scherb. (1,3)
Linaria spuria (L.) Mill. (3)
Annual. Herb. Length 0.2–0.5 m. Alt ± 152 m. WC
- LIMNOPHILA** R.Br. name 7532000
conserved
(1) Philcox. 1970. *Kew Bulletin* 24: 101–170.
(2) Raynel & Philcox. 1975. *Adansonia* sér. 2, 15: 225–238.
(3) Philcox. 1990. *FZ* 8,2: 43–48.
(4) Fischer. June 1999. *Flore d'Afrique centrale*, Scrophulariaceae Pt 1: 48–60
(5) Craven *et al.* Nov. 1999. *Southern African Diversity Network Report* No. 7: 146.
- bangweolensis** (R.E.Fr.) Verdc.
Ambulia bangweolensis R.E.Fr. (1)
Annual. Herb, hydrophyte. Ht up to 0.5 m. Alt? B
- ceratophylloides** (Hiern) Skan excluding synonym *L. fluviatilis* A.Chev. & forma *terrestris* A.Chev.
Ambulia ceratophylloides (Hiern) Engl. & Gilg (1)
L. ceratophylloides (Hiern) Skan: Philcox (1970) in part (3)
L. sessiliflora of author, not of (Vahl) Blume: Merxmüller & Roessler (1967), misapplied name (5)
Stemodiaca ceratophylloides Hiern (3)
Perennial. Herb, hydrophyte, hyperhydrite. Ht aerial up to 0.1 m. Length submerged up to 0.4 m. Alt 900–1000 m. N, B
- ceratophylloides* (Hiern) Skan: Philcox (1970) in part = **L. ceratophylloides**
- fluviatilis** A.Chev.
Perennial. Herb, amphibious. Ht aerial up to 0.1 m. Length submerged up to 0.35 m. Alt? N
- gratioloides* R.Br., illegitimate name, including var. *nana* Skan = **L. indica**
- indica** (L.) Druce
Hottonia indica L. (1)
L. gratioides R.Br., illegitimate name, including var. *nana* Skan (3)
Perennial. Herb, hydrophyte. Ht aerial 0.025–0.14 m, submerged up to 1 m. Alt? N?, B?, LIM?

sessiliflora of author, not of (Vahl) Blume: Merxmüller & Roessler (1967), misapplied name = **Limnophila ceratophylloides**

LIMOSELLA L. 7558000

- (1) Hiern. 1904. *FC* 4,2: 356–360.
- (2) Glück. 1934. *Botanische Jahrbücher* 66: 488–565, t. 6–8.
- (3) Phillips. 1937. *Flowering Plants of South Africa* 17: t. 655.
- (4) Merxmüller & Roessler. 1967. *FSWA* 126: 26–28.
- (5) Hilliard & Burt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 212–216.
- (6) Philcox. 1990. *FZ* 8,2: 73–75.
- (7) Mielcarek. 1996. *Fragmenta Floristica et Geobotanica* 41,1: 63–66.
- (8) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 325.

Note: this genus has long needed revision, and many identifications are uncertain. All plants live under wet conditions, and many are found in places ranging from damp mud to fully submerged. Plant forms appear to be very plastic, depending on the environmental conditions—several species sometimes have small terrestrial forms and larger, somewhat different, submerged or floating ones. Because of this, Glück (1934) proposed habitat forms for many species but they have not been adopted generally.

africana Glück var. **africana**

L. aquatica in sense of Fries (1924), not of L. (7)

Perennial or annual? Herb, hydrophyte. Ht 0.02–0.1 m. Alt? N, B?, NW?, FS?, KZN?, L?, NC, WC?

africana Glück var. **macrosperma** Glück

Perennial or annual? Herb, hydrophyte. Ht up to 0.3 m. Alt? WC

aquatica in sense of Fries (1924), not of L. = **L. africana**

aquatica L.

Annual. Herb, hydrophyte. Ht? Alt? WC?

aquatica L. var. *tenuifolia* (Wolf ex Hoffm.) Hook.f. = **L. australis**

aquatica of author, not of L.: Range (1935) = **L. australis**

australis R.Br.

L. aquatica L. var. *tenuifolia* (Wolf ex Hoffm.) Hook.f. (8)

L. aquatica of author, not of L.: Range (1935) (4)

L. lineata Glück, illegitimate name (4)

L. minuta Dinter & Suess. (4)

L. subulata Ives. (8)

L. tenuifolia Wolf ex Hoffm. (8)

Annual. Herb, hydrophyte. Ht 0.015–0.04 m. Alt ± 1440 m. N?, B?, WC?

capensis Thunb. (1800, 1823) excluding synonym *L. diandra* L.; Benth. (1846) in part; Hiern (1904) in part, illegitimate & misapplied name = **L. grandiflora**

coerulea Burch.

Annual? Herb, hydrophyte. Ht 'tiny'. Alt? NC

grandiflora Benth.

L. capensis Thunb. (1800, 1823) excluding synonym *L. diandra* L.; Benth. (1846) in part; Hiern (1904) in part, illegitimate & misapplied name (5)

L. grandiflora Benth.: Hiern (1904) in part (5)

L. monticola Dinter (2)

Annual? Herb, hydrophyte, occ. epiphyte. Ht 0.01–0.3 m. Alt 3–1950 m. N, B, FS, KZN, L, NC, WC, EC

grandiflora Benth.: Hiern (1904) in part = **L. grandiflora**

grandiflora of author, not of Benth.: Hiern (1904) in part = **L. inflata**

inflata Hilliard & B.L.Burt

L. grandiflora of author, not of Benth.: Hiern (1904) in part (5)

Annual? Herb, epiphyte. Ht 0.03–1 m. Alt 1670–3110 m. B?, FS, KZN, L, WC, EC

lineata Glück, illegitimate name = **L. australis**

longiflora Kuntze

Annual? Herb, hydrophyte. Ht ± 0.01–0.05(–0.1) m.

Alt 1160–3230 m. N?, NW, M, FS, KZN, L, NC, EC

maior Diels (some other authors use 'major')

Annual? Herb, hydrophyte. Ht ± 0.01–± 0.3 m. Alt

980–2400 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, EC

minuta Dinter & Suess. = **L. australis**

monticola Dinter = **L. grandiflora**

natans Spreng. ex Drège, invalid name, perhaps not *Limosella* (5)

pretoriensis Suss.

Annual? Herb, hydrophyte. Ht? Alt? G

subulata Ives = **L. australis**

tenuifolia Wolf ex Hoffm. = **L. australis**

vesiculosa Hilliard & B.L.Burt

Annual? Herb, hydrophyte. Ht ± 0.01–± 0.1 m. Alt

1980–3290 m. KZN, L, EC

***LINARIA** Mill. 7480000

(1) Hiern. 1904. *FC* 4,2: 203, 204, excluding *L. spuria*.

(2) Chater *et al.* 1972. In Tutin *et al.*, *Flora europaea* 3: 226–236.

(3) Sutton. 1988. *A revision of the tribe Antirrhineae*: 260–455.

Note: these and other species are sporadically present as garden escapes but are not yet naturalised.

aphylla (L.f.) Spreng. = **Utricularia bisquamata**

capensis Spreng. = **Nemesia fruticans**

cymbalaria (L.) Mill. = **Cymbalaria muralis** subsp. **muralis**

fruticans (Thunb.) Spreng. = **Nemesia fruticans**

genistifolia (L.) Mill.

Perennial. Herb. Ht 0.36–0.9 m. Alt ± 215 m. WC, EC

maroccana Hook.f.

Annual. Herb. Ht 0.1–0.5 m. Alt? G, M, EC (garden escape only?)

patens (Thunb.) Spreng. = **Diascia patens**

scabra Spreng. = **Nemesia macrocarpa**

spuria (L.) Mill. = **Kickxia spuria** subsp. **spuria**

vulgaris Mill.

Antirrhinum linaria L. (1)

Perennial. Herb. Ht 0.15–0.48 m. Alt 1360–2200 m.

G, M, FS, KZN, EC

LINDERNIA All. 7562000

(1) Hiern. 1904. *FC* 4,2: 363–367 as '*Ilysanthes*'.

(2) Merxmüller & Roessler. 1967. *FSWA* 126: 28, 29.

(3) Philcox. 1990. *FZ* 8,2: 61–73.

(4) Fischer. 1992. *Tropische und subtropische Pflanzenwelt* 81: 214–328.

(5) Retief & Herman. 1997. *Strelitzia* 6: 611.

bolusii (Hiern) Eb.Fisch.

Ilysanthes bolusii Hiern (4)

Annual? Herb. Ht 0.01–0.05 m. Alt ± 1220 m. LIM

capensis Thunb. = **L. parviflora**

conferta (Hiern) Philcox*Ilysanthes conferta* Hiern (3)Annual. Herb, epiphyte in ephemeral granite pools.
Ht 0.07–0.3(–0.64) m. Alt 1525–2500 m. B,
NW, M, FS, KZN, L*debilis* Skan = **Crepidorhopalon debilis***dinteri* Schinz = **Crepidorhopalon spicatus***dongolensis* E.A. Bruce = **L. monroi***fugax* R.G.N. Young = **Crepidorhopalon debilis***intrepidus* (Dinter ex Heil) Oberm. = **Chamaegigas intrepidus***minima* R.G.N. Young, later homonym, not of Mukerjee = **Crepidorhopalon debilis****monroi** (S. Moore.) Eb. Fisch.*Craterostigma monroi* S. Moore (4)*L. dongolensis* E.A. Bruce (4)*Torenia monroi* (S. Moore) Philcox (4)

Annual. Herb. Ht 0.05–0.07 m. Alt? LIM, M

nana (Engl.) Roessler*Ilysanthes nana* Engl. (2)*Ilysanthes schlechteri* Hiern (4)

Annual, perennial. Herb. Ht 0.01–0.07 m. Alt 90–1740 m. N, LIM, NW, M, FS, KZN

parviflora (Roxb.) Haines*Gratiola parviflora* Roxb. (2)*Ilysanthes capensis* (Thunb.) Benth. (4)*Ilysanthes dubia* of many authors, not of (L.) Barnhart, misapplied name (4 implied)*Ilysanthes gratiolooides* (L.) Benth. var. *capensis* (Benth.) Kuntze as 'gratiolodes' (4 implied)*Ilysanthes parviflora* (Roxb.) Benth. (2)*Ilysanthes riparia* of author, not of Raf.: Hiern (1904), misapplied name (4 implied)*L. capensis* Thunb. (4)

Annual. Herb, semi-aquatic, occ. in ephemeral rock pools. Ht 0.04–0.2 m. Alt 4.5–1815 m. N, B, LIM, NW, M, FS, KZN, L, WC, EC

pulchella (Skan) Philcox*Ilysanthes pulchella* Skan (3)

Annual, perennial. Herb, semi-aquatic, terrestrial or lithophyte. Ht 0.04–0.15 m. Alt 610–1525 m. G, M, S

wilmsii (Engl. & Diels) Philcox*Ilysanthes muddii* Hiern (3)*Ilysanthes wilmsii* Engl. & Diels (3)

Annual. Herb, semi-aquatic. Ht 0.02–0.15 m. Alt 670–1525 m. M, S, KZN

LYCHNIDEA Burm. 7517020*tomentosa* (L.) Moench = **Manulea tomentosa****LYPERIA** Benth. 7518010(1) Hilliard. 1991. *Edinburgh Journal of Botany* 48: 341, 342.(2) Hilliard. 1992. *Edinburgh Journal of Botany* 49: 225–233.(3) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 212–220, 573.(4) Goldblatt & Manning. 2000. *Strelitzia* 9: 653.*acutiloba* Pilg. = **Jamesbrittenia acutiloba***amplexicaulis* Benth. = **Jamesbrittenia amplexicaulis****antirrhinoides** (L.f.) Hilliard*Manulea antirrhinoides* L.f. (1)*Sutera antirrhinoides* (L.f.) Hiern in part (1)*Sutera ochracea* Hiern (1)

Annual. Herb. Ht 0.025–0.3 m. Alt 180–1065 m. NC, WC

argentea (L.f.) Benth. excluding var. β = **Jamesbrittenia argentea***aspalathoides* Benth. in part = **Jamesbrittenia aspalathoides***aspalathoides* Benth. in part = **Jamesbrittenia microphylla***atropurpurea* Benth. in part = **Jamesbrittenia atropurpurea** subsp. **atropurpurea***atropurpurea* Benth. in part = **Jamesbrittenia tortuosa***breviflora* Schltr. = **Jamesbrittenia breviflora***burkeana* Benth. = **Jamesbrittenia burkeana***canescens* Benth. = **Jamesbrittenia canescens** var. **canescens***confusa* Dinter = **Jamesbrittenia canescens** var. **seineri**
corymbosa (Marloth & Engl.) N.E.Br. = **Camptoloma rotundifolium***crassicaulis* Benth. in part = **Jamesbrittenia crassicaulis***crassicaulis* Benth. in part = **Jamesbrittenia pristispala**? *crassicaulis* Benth. in part = **Jamesbrittenia pristispala** \times **Jamesbrittenia stricta***crassicaulis* Benth. in part = **Jamesbrittenia stricta***crocea* Eckl. ex Benth., illegitimate name = **Jamesbrittenia atropurpurea** subsp. **atropurpurea***cuneata* Benth. = **Jamesbrittenia argentea**? *diandra* E. Mey. = **L. violacea***dinteri* Diels ex Pilg. = **Jamesbrittenia huillana***elegantissima* Schinz = **Jamesbrittenia elegantissima***filicaulis* Benth. = **Jamesbrittenia filicaulis***foliolosa* Benth. = **Jamesbrittenia foliolosa****formosa** HilliardAnnual. Herb. Ht \pm 0.2–0.4 m. Alt \pm 460 m. WC*fragrans* Benth., illegitimate name = **L. lychnidea***fruticosa* Benth. = **Jamesbrittenia fruticosa***glutinosa* Benth. = **Jamesbrittenia glutinosa***glutinosa* of author, not of Benth.: Engler (1888), misapplied name = **Jamesbrittenia pallida***grandiflora* Galpin = **Jamesbrittenia grandiflora***incisa* (Thunb.) Benth. = **Jamesbrittenia incisa***integerrima* Benth. = **Jamesbrittenia integerrima***kraussiana* (Bernh.) Benth. excluding var. β *latifolia*
Benth. = **Jamesbrittenia kraussiana***kraussiana* (Bernh.) Benth. var. β *latifolia* Benth. = **Jamesbrittenia argentea***litoralis* Schinz = **Jamesbrittenia fruticosa***longituba* Dinter = **Jamesbrittenia huillana****lychnidea** (L.) Druce*Erinus fragrans* Aiton in part, illegitimate name (3)*Erinus lychnideus* (L.) L.f. in part; Thunb. (1800, 1823), excluding *E. capensis* (3)*L. fragrans* Benth., illegitimate name (3)*L. macrocarpa* Benth. (3)*Manulea lychnidea* (L.) Desr. (3)*Nycterinia fragrans* of *Index Kewensis* (1894), name invalid (3)*Selago lychnidea* L. (3)*Sutera lychnidea* (L.) Hiern (3)

Perennial. Herb. Ht 0.5–1 m. Alt up to 80 m. WC
macrocarpa Benth. = **L. lychnidea**
major Pilg. = **Jamesbrittenia major**
micrantha Klotzsch = **Jamesbrittenia micrantha**
microphylla (L.f.) Benth. = **Jamesbrittenia microphylla**
mollis Benth. = **Jamesbrittenia pinnatifida**
multifida Benth. = **Jamesbrittenia aurantiaca**
pallida Pilg. = **Jamesbrittenia pallida**
pedicellata Klotzsch = **Jamesbrittenia micrantha**
pedunculata (Andrews) Benth. = **Jamesbrittenia argentea**
phlogiflora Benth. = **Jamesbrittenia phlogiflora**
pilgeriana Dinter = **Jamesbrittenia pilgeriana**
pinnatifida (L.f.) Benth. excluding varieties = **Jamesbrittenia pinnatifida**
pinnatifida (L.f.) Benth. var. *canescens* Benth. = **Jamesbrittenia filicaulis**
pinnatifida (L.f.) Benth. var. *macrophylla* Benth., name only in part = **Jamesbrittenia aurantiaca**
pinnatifida (L.f.) Benth. var. *macrophylla* Benth., name only in part = **Jamesbrittenia tysonii**
pinnatifida (L.f.) Benth. var. *microphylla* Benth. = **Jamesbrittenia albanensis**
pinnatifida (L.f.) Benth. var. *subbipinnatisecta* Benth. = **Jamesbrittenia filicaulis**
pinnatifida (L.f.) Benth. var. *subcanescens* Benth. = **Jamesbrittenia foliolosa**
pinnatifida (L.f.) Benth. var. *visco-pubescens* Benth. = **Jamesbrittenia filicaulis**
punicea N.E.Br. = **Jamesbrittenia breviflora**
racemosa Benth. = **Jamesbrittenia racemosa**
seineri Pilg. = **Jamesbrittenia canescens** var. *seineri*
simplex Benth., not *Erinus simplex* Thunb. = **L. tristis**
squarrosa Pilg. = **Jamesbrittenia integerrima**
stricta Benth. = **Jamesbrittenia stricta**
tenuiflora Benth.
Sutera tenuiflora (Benth.) Hiern (3)
 Annual. Herb. Ht 0.03–0.2 m. Alt 670–900 m. WC
tenuifolia Bernh. = **Jamesbrittenia tenuifolia**
tomentosa Pilg. = **Jamesbrittenia thunbergii**
tortuosa Benth. = **Jamesbrittenia tortuosa**
tristis (L.f.) Benth.
Chaenostoma triste (L.f.) Wettst. (3)
Chaenostoma triste (L.f.) Wettst. var. *montanum* Diels (3)
Erinus fragrans Aiton in part, illegitimate name (3)
Erinus tristis L.f. (3)
L. simplex Benth., not *Erinus simplex* Thunb. (3)
Sutera tristis (L.f.) Hiern, including var. *montana* (Diels) Hiern (3)
 Annual. Herb. Ht ± 0.03–0.6 m. Alt 0–1000 m. N, NC, WC, EC
violacea (Link ex Jaroscz) Benth.
 ?*L. diandra* E.Mey. (3)
Manulea crystallina Weinm. (3)
Manulea violacea Link ex Jaroscz (3)
Sutera antirrhinoides of author, not of (L.f.) Hiern: Levyns (1950), misapplied name (3)
 Annual. Herb. Ht ± 0.05–0.45 m. Alt 0–300 m. NC?, WC

MANULEA L. 7517000
 (1) Hiern. 1904. *FC* 4,2: 221–243. (Often cited as 'p.p.' (in part) by Hilliard (1994), not all listed here.)
 (2) Merxmüller & Roessler. 1967. *FSWA* 126: 29–34.
 (3) Hilliard & Burtt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37,2: 315.
 (4) Hilliard & Burtt. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40,2: 286.
 (5) Hilliard. 1989. *Notes from the Royal Botanic Garden Edinburgh* 46,1: 49–52.
 (6) Hilliard. 1990. *Notes from the Royal Botanic Garden Edinburgh* 46,3: 337–341.
 (7) Philcox. 1990. *FZ* 8,2: 34–36.
 (8) Hilliard. 1992. *Edinburgh Journal of Botany* 49,3: 297.
 (9) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 291–387.
 (10) Retief & Herman. 1997. *Strelitzia* 6: 611, 612.
 (11) Goldblatt & Manning. 2000. *Strelitzia* 9: 653–655.

acutiloba Hilliard
 Annual. Herb. Ht 0.03–0.11 m. Alt? NC

adenocalyx Hilliard
M. benthamiana Hiern in part (9)
 Annual. Herb. Ht 0.1–0.45 m. Alt 90–1300 m. WC

adenodes Hilliard
 Annual. Herb. Ht 0.07–0.15 m. Alt ± 915 m. WC

aequipetala Sternb. = **Sutera foetida**
aethiopica (L.) Thunb. = **Sutera aethiopica**
alternifolia Pers. = **Sutera foetida**

altissima L.f. subsp. **altissima**
M. scabra H.L. Wendl. ex Steud., name only (9)
 Perennial, but sometimes flowering as a seedling and appearing annual. Herb. Ht (0.15–)0.2–1.2 m. Alt up to 425 m. WC

altissima L.f. subsp. **glabricaulis** (Hiern) Hilliard
M. altissima L.f. var. *glabricaulis* Hiern (5)
 Perennial? Herb. Ht 0.13–0.5 m. Alt 135–850 m. NC

altissima L.f. subsp. **longifolia** (Benth.) Hilliard
M. altissima L.f. var. *longifolia* (Benth.) Hiern (5)
M. benthamiana Hiern in part (9)
M. longifolia Benth. (9)
 Perennial?, often appears annual. Herb. Ht 0.07–0.4 m. Alt 30–150 m. WC

altissima L.f. var. *glabricaulis* Hiern = **M. altissima** subsp. **glabricaulis**
altissima L.f. var. *longifolia* (Benth.) Hiern = **M. altissima** subsp. **longifolia**

androsacea E.Mey. ex Benth.
M. benthamiana of authors, not of Hiern: Dinter (1923) & Range (1935), misapplied name (2)
 Annual, occ. perennial? Herb. Ht ± 0.065–0.28 m. Alt 50–300 m. N, NC

angolensis Diels = **M. parviflora** var. **parviflora**
angustifolia Link & Otto = **M. rubra**

annua (Hiern) Hilliard
Chaenostoma annuum Schltr. ex Hiern, name only in part, and excluding var. *laxum* Schltr. ex Hiern (1, 9)
 ?*Chaenostoma divaricatum* Diels (type lost in Berlin) (9)
Sutera annua (Schltr. ex Hiern) Hiern in part and excluding var. *laxa* (Schltr. ex Hiern) Hiern (9)
 ?*Sutera divaricata* (Diels) Hiern (9)
 Annual. Herb. Length 0.03–0.3 m. Alt 60–600 m. WC

antirrhinoides L.f. = **Lyperia antirrhinoides**
arabidea Schltr. ex Hiern
 Annual. Herb. Ht 0.03–0.21 m. Alt ± 300 m. WC
argentea L.f. = **Jamesbrittenia argentea**

aridicola Hilliard

Annual. Herb. Ht \pm 0.04–0.27 m. Alt \pm 680 m. N, NC

atropurpurea (Benth.) Kuntze = **Jamesbrittenia atropurpurea** subsp. **atropurpurea**

augei (Hiern) Hilliard

Phyllopodium augei Hiern (5)

?*Phyllopodium sordidum* Hiern (type lost in Berlin) (9)

Polycarena augei (Hiern) Levyns (9)

Polycarena sordida (Hiern) Levyns (9)

Annual. Herb. Ht 0.1–0.15 m. Alt? WC

aurantiaca Jaroscz, insufficiently known, excluded by Hilliard (1994) (9)

bellidifolia Benth.

M. bellidifolia Benth.: Hiern (1904) in part (9)

M. benthamiana Hiern in part (9)

M. crassifolia of author, not of Benth.: Hiern (1904) in part, misapplied name (9)

M. leiostachys of author, not of Benth.: Hiern (1904) in part, misapplied name (9)

Annual. Herb. Ht 0.15–0.45 m. Alt \pm 0–900 m. EC

bellidifolia Benth.: Hiern (1904) in part = **M. bellidifolia**

bellidifolia of author, not of Benth.: Harv. (1863), misapplied name = **M. plurirosulata**

bellidifolia of author, not of Benth.: Hiern (1904) in part, misapplied name = **M. dregei**

benthamiana Hiern in part = **M. adenocalyx**

benthamiana Hiern in part = **M. altissima** subsp. **longifolia**

benthamiana Hiern in part = **M. bellidifolia**

benthamiana Hiern in part = **M. corymbosa**

benthamiana Hiern in part = **M. exigua**

benthamiana of authors, not of Hiern: Dinter (1923) & Range (1935), misapplied name = **M. androsacea**

buchneroides Hilliard & B.L.Burt

Perennial. Herb. Ht (0.15–)0.3–0.45 m. Alt 1500–2000 m. FS, KZN, L, EC

buchbergensis Dinter ex Range = **Zaluzianskya benthamiana**

burchellii Hiern

M. simpliciflora Thell. (9)

Perennial, but sometimes appearing annual. Herb. Ht (0.1–)0.15–0.35 m. Alt 900–1200 m. N, B?, NC

caerulea L.f. = **Sutera caerulea**

calciphila Hilliard

Annual. Herb. Ht 0.02–0.15 m. Alt 0–30 m. NC, WC

caledonica Hilliard

Perennial. Herb. Ht 0.15–0.75 m. Alt 0–240 m. WC

campanulata (Benth.) Kuntze = **Sutera campanulata**

campestris Hiern = **M. garipepina**

capensis (L.) Thunb. = **Polycarena capensis**

capillaris L.f. = **Phyllopodium capillare**

capitata L.f. = **Phyllopodium heterophyllum**

cephalotes Thunb.

M. densiflora Benth.; Hiern (1904) in part (9)

M. rigida Benth. in part; Hiern (1904) in part (9)

Sutera cephalotes (Thunb.) Kuntze, excluding synonym *Chaenostoma fastigiatum* Benth. (9)

Perennial? Herb. Ht \pm 1 m. Alt 640–1070 m. NC, WC

cheiranthus (L.) L.

Lobelia cheiranthus L. (1)

M. cheiranthus (L.) L.: Hiern (1904) in part (9)

M. hirta Gaertn. (9)

M. rhynchantha Link (9)

Nemia capensis J.F.Gmel., illegitimate name (9)

Nemia cheiranthus (L.) P.J.Bergius (9)

Annual. Herb. Length 0.035–0.3(–0.6) m. Alt 0–600 m. WC

cheiranthus (L.) L.: Hiern (1904) in part = **M. cheiranthus**

chrysantha Hilliard

Annual. Herb. Ht 0.015–0.15 m. Alt 395–1220 m. WC, EC

cinerea Hilliard

Perennial. Dwarf shrub. Ht \pm 0.6 m. Alt \pm 5 m. NC

conferta Pilg.

Perennial, but sometimes appearing annual. Herb. Ht (0.15–)0.3–0.6 m. Alt 0–1400 m. N, B

cordata Thunb. = **Sutera cordata**

corymbosa L.f.

M. benthamiana Hiern in part (9)

Annual. Herb. Ht 0.03–0.45 m. Alt 50–90 m. WC

crassifolia Benth.: Hiern (1904) in part = **M. crassifolia** subsp. **crassifolia**

crassifolia Benth. in part = **M. crassifolia** subsp. **crassifolia**

crassifolia Benth. in part = **M. dregei**

crassifolia Benth. subsp. **crassifolia**

M. crassifolia Benth.: Hiern (1904) in part (9)

M. crassifolia Benth. in part (9)

Perennial. Herb. Ht 0.1–1 m. Alt 1050–3000 m. FS, L, WC, EC

crassifolia Benth. subsp. **thodeana** (Diels) Hilliard

M. thodeana Diels (5)

Perennial. Herb. Ht 0.2–0.86 m. Alt 2000–3200 m. FS, KZN, L

crassifolia of author, not of Benth.: Hiern (1904) in part, misapplied name = **M. bellidifolia**

crassifolia of author, not of Benth.: Philcox (1990), misapplied name = **M. parviflora** var. **parviflora**

crystallina Weinm. = **Lyperia violacea**

cuneifolia L.f. = **Phyllopodium cuneifolium**

decipiens Hilliard

Annual. Herb. Ht 0.1– \pm 0.4 m. Alt 90–760 m. NC, WC

densiflora Benth.; Hiern (1904) in part = **M. cephalotes**

derustiana Hilliard

Annual. Herb. Ht 0.1–0.2 m. Alt \pm 550 m. WC

deserticola Hilliard

Annual. Herb. Length \pm 0.03–0.11 m. Alt? FS, NC

diandra Hilliard

Annual. Herb. Ht 0.025–0.1 m. Alt 1500–1650 m. NC

dinteri Pilg. = **M. dubia**

divaricata Thunb. = **Zaluzianskya divaricata**

dregei Hilliard & B.L.Burt

M. bellidifolia of author, not of Benth.: Hiern (1904) in part, misapplied name (9)

M. crassifolia Benth. in part (9)

M. platystigma Hilliard & B.L.Burt in part (9)

Perennial. Herb. Ht 0.07–0.3 m. Alt 2285–2835 m. L, EC

dubia (Skan) Overkott ex Roessler

M. dinteri Pilg. (2)

M. namaquana L. Bolus (2)

Sutera dubia Skan (2)

Perennial, but sometimes appearing annual. Dwarf shrub or shrub. Length 0.3–1.5 m. Alt 1400–2135 m. N

elliottensis Overkott ex Jacot Guill., name invalid = **M. paniculata**

exaltata Benth. = **M. virgata**

exigua Hilliard

M. benthamiana Hiern in part (9)

M. minor of author, not of Diels: Hiern (1904) in part (9)

Annual. Herb. Length 0.025–0.37 m. Alt 0–1000 m. WC

flanagani Hilliard

M. parviflora of author, not of Benth.: Hiern (1904) in part, misapplied name (9)

Annual. Herb. Length ± 0.3–0.38 m. Alt ± 1220 m. FS

floribunda (Benth.) Kuntze = **Sutera floribunda**

florifera Hilliard & B.L. Burtt

Perennial. Herb. Ht ± 1 m. Alt 1500–2000 m. KZN, EC

foetida (Andrews) Pers. = **Sutera foetida**

foliolosa (Benth.) Kuntze = **Jamesbrittenia foliolosa**

fragrans Schltr.

?*M. pusilla* E. Mey. ex Benth. var. *insigniflora* Diels (type lost in Berlin) (9)

Annual. Herb. Length 0.01–0.15 m. Alt 140–1220 m. NC

gariépina Benth

M. campestris Hiern (9)

M. gariépina Benth. in part; Hiern (1904) in part; Merxmüller & Roessler (1967) in part, excluding subsp. *namibensis* Roessler and *M. leptosiphon* Thell. (9)

M. gariépina Benth. subsp. *campestris* (Hiern) Roessler (9)

Annual. Herb. Length 0.07–0.36 m. Alt 610–1035 m. N, NC

gariépina Benth. in part = **M. minuscula**

gariépina Benth. in part; Hiern (1904) in part; Merxmüller & Roessler (1967) in part, excluding subsp. *namibensis* Roessler & *M. leptosiphon* Thell. = **M. gariépina**

gariépina Benth. subsp. *campestris* (Hiern) Roessler = **M. gariépina**

gariépina Benth. subsp. *namibensis* Roessler = **M. namibensis**

gariesiana Hilliard

Annual. Herb. Length 0.03–0.15 m. Alt 295–305 m. NC, WC

glandulosa E. Phillips

Perennial. Herb. Ht (0.18–)0.4–0.55 m. Alt 305–610 m. WC

gracillima Dinter ex Range, naked name = **M. namibensis**

halimifolia (Benth.) Kuntze = **Sutera halimifolia**

heterophylla L.f. = **Phyllopodium heterophyllum**

hirta Gaertn. = **M. cheiranthus**

hirta Thunb., later homonym, not of Gaertn. = **M. turritis**

hispida Thunb. = **Sutera hispida**

incana Thunb.

Perennial. Herb. Length 0.06–0.13 m. Alt 1600–1700 m. NC

incisiflora Hiern = **M. silenoides**

integrifolia L.f. = **Sutera integrifolia**

intertexta Herb. Banks, name only = **Cromidon decumbens**

juncea Benth.

Perennial? Herb, eventually woody. Ht 0.6–0.75 m. Alt 80–1645 m. WC

karrooica Hilliard

Annual. Herb. Ht 0.04–0.13 m. Alt 550–1065 m. WC, EC

kraussiana (Bernh.) Kuntze = **Jamesbrittenia kraussiana**

latiloba Hilliard

Annual. Herb. Length 0.01–0.12 m. Alt 550–900 m. WC

laxa Schltr.

M. leiostachys Benth. in part (9)

Perennial. Herb. Ht (0.15–)0.3–0.8 m. Alt (60–)180–1370 m. WC

leiostachys Benth.

M. leiostachys Benth. in part; Hiern (1904) in part (9)

M. leiostachys Drège as '*leucostachys*', name only (9)

Perennial. Herb. Ht ± 0.55–1.2 m. Alt 600–1220 m. WC

leiostachys Benth. in part = **M. laxa**

leiostachys Benth. in part; Hiern (1904) in part = **M. leiostachys**

leiostachys Drège as '*leucostachys*', name only = **M. leiostachys**

leiostachys of author, not of Benth.: Hiern (1904) in part = **M. bellidifolia**

leptosiphon Thell.

Annual, perennial? Herb. Ht ± 0.19 m. Alt? N?, NC?

lichnidea (L.) Desr. = **Lyperia lychnidea**

limonioides Conrath = **M. parviflora** var. **limonioides**

linearifolia Hilliard

Perennial? Herb. Ht ± 1–1.5 m. Alt 855–1065 m. WC

linifolia Thunb. = **Sutera uncinata**

linifolia Thunb. var. *β heterophylla* Kuntze = **Jamesbrittenia albiflora**

linifolia Thunb. var. *integerrima* (Benth.) Kuntze = **Jamesbrittenia integerrima**

longifolia Benth. = **M. altissima** subsp. **longifolia**

longiflora Jaroscz, insufficiently known, excluded by Hilliard (1994) (9)

microphylla L.f. = **Jamesbrittenia microphylla**

minor Diels

M. minor Diels: Hiern (1904) in part (9)

Annual. Herb. Ht ± 0.06–0.3 m. Alt 430–518 m. WC

minor Diels: Hiern (1904) in part = **M. minor**

minor of author, not of Diels: Hiern (1904) in part = **M. exigua**

minuscule Dinter ex Range, naked name = **M. miniscule**

minuscule Hilliard

M. gariepina Benth. in part (9)

M. minuscule Dinter ex Range, naked name (9)

M. pusilla of author, not of E.Mey ex Benth.: Merxmüller & Roessler (1967), misapplied name (9)

Annual. Herb. Ht 0.015–0.15 m. Alt 185–1035 m. N, NC

montana Hilliard

Perennial. Herb. Ht 0.27–0.445 m. Alt ± 1370 m. WC

multifida (Benth.) Kuntze = **Jamesbrittenia aurantiaca**

multispicata Hilliard

Perennial? Herb. Ht ± 0.3–0.7 m. Alt 600–1750 m. WC

namaquana L.Bolus = **M. dubia**

namibensis (Roessler) Hilliard

M. gariepina Benth. subsp. *namibensis* Roessler (6)

M. gracillima Dinter ex Range, naked name (9)

Annual. Herb. Length 0.06–0.35 m. Alt 900–1300 m. N

natalensis Bernh. = **M. parviflora** var. **parviflora**

nervosa E.Mey. ex Benth.

Annual. Herb. Ht 0.03–0.21 m. Alt 305–1005 m. NC

obovata Benth.

M. obovata Benth.: Hiern (1904) in part (9)

Annual, perennial. Herb. Ht 0.15–0.6(–0.9) m. Alt 0–200 m. WC, EC

obovata Benth.: Hiern (1904) in part = **M. obovata**

obtusa Hiern

Perennial? Herb. Ht? Alt? WC? ('Cape')

oppositiflora Vent. = **Sutera hispida**

oppositiflora Vent. var. *angustifolia* Kuntze = **Sutera halimifolia**

ovatifolia Hilliard

Perennial. Dwarf shrub or shrub. Ht 0.3–0.75 m. Alt ± 1130 m. WC

paniculata Benth.

M. elliotensis Overkott ex Jacot Guill., name invalid (3)

M. thyrsiflora L.f. var. *albiflora* Kuntze, naked name (9)

Sutera elliotensis Hiern (3)

Perennial. Herb. Ht up to 1 m. Alt 1500–1980 m. NW?, FS, KZN, L, EC

parviflora Benth.: Hiern (1904) in part = **M. parviflora** var. **parviflora**

parviflora Benth. var. **limonioides** (Conrath) Hilliard

M. limonioides Conrath (5)

Perennial. Herb. Ht 0.3–0.6 m. Alt 1440–1830 m. NW?, G, M

parviflora Benth. var. **parviflora**

M. angolensis Diels (9)

M. crassifolia of author, not of Benth: Philcox (1990), misapplied name (9)

M. natalensis Bernh. (9)

M. parviflora Benth.: Hiern (1904) in part (9)

M. rhodesiana S.Moore (9)

Nemia angolensis (Diels) Hiern (9)

Nemia parviflora (Benth.) Hiern (9)

Perennial. Herb. Ht up to 1 m. Alt 0–1600 m. LIM, G, M, S, KZN, WC?, EC

parviflora of author, not of Benth.: Hiern (1904) in part = **M. flanaganii**

paucibarbata Hilliard

Chaenostoma annuum Schltr. ex Hiern var. *laxum* Schltr. ex Hiern, name only (1, 9)

Sutera annua (Schltr. ex Hiern) Hiern in part (9)

Sutera annua (Schltr. ex Hiern) Hiern var. *laxa* (Schltr. ex Hiern) Hiern (9)

Annual. Herb. Ht 0.06–0.4 m. Alt 180–900 m. WC

pedunculata (Andrews) Pers. = **Jamesbrittenia argentea**

pillansii Hilliard

Perennial. Dwarf shrub or shrub. Length up to 1 m. Alt up to 60 m. WC

pinatifida L.f. = **Jamesbrittenia pinnatifida**

plantaginea Thunb., illegitimate name = **Cromidon plantagininis**

plantagininis L.f. = **Cromidon plantagininis**

platystigma Hilliard & B.L.Burtt

M. platystigma Hilliard & B.L.Burtt in part (9)

Perennial. Herb. Length 0.04–0.3 m. Alt 2900–3300 m. L

platystigma Hilliard & B.L.Burtt in part = **M. dregei**

platystigma Hilliard & B.L.Burtt in part = **M. platystigma**

plurirosulata Hilliard

M. bellidifolia of author, not of Benth: Harv. (1863), misapplied name (9)

Annual. Herb. Ht 0.02–0.18 m. Alt 1000–1500 m. FS, EC

polyantha (Benth.) Kuntze = **Sutera polyantha**

praeterita Hilliard

Annual. Herb. Ht 0.03–0.3 m. Alt 90–1200 m. NC, WC

psilostoma Hilliard

Annual. Herb. Ht 0.045–0.23 m. Alt? WC

pusilla E.Mey. ex Benth.

M. pusilla E.Mey. ex Benth.: Hiern (1904) excluding. var. *insigniflora* Diels (9)

Annual. Herb. Ht 0.005–0.12 m. Alt 140–1200 m. NC, WC

pusilla E.Mey. ex Benth.: Hiern (1904) excluding. var. *insigniflora* Diels = **M. pusilla**

?*pusilla* E.Mey. ex Benth. var. *insigniflora* Diels (type lost in Berlin) = **M. fragrans**

pusilla of author, not of E.Mey. ex Benth.: Merxmüller & Roessler (1967), misapplied name = **M. minuscule**

ramulosa Hilliard

Perennial. Dwarf Shrub. Ht up to 0.45 m. Alt ± 45–300 m. WC

revoluta Thunb. = **Sutera revoluta**

rhodantha Hilliard subsp. **aurantiaca** Hilliard

Perennial. Herb. Ht 0.14–0.43 m. Alt 1400–2100 m. LIM, M, KZN

rhodantha Hilliard subsp. **rhodantha**

Perennial. Herb. Ht 0.3–0.75 m. Alt 1525–2775 m. L, EC

rhodesiana S.Moore = **M. parviflora** var. **parviflora**

rhynchantha Link = **M. cheiranthus**

rigida Benth.

M. rigida Benth. in part; Hiern (1904) in part (9)

Perennial? Herb. Ht ± 1 m. Alt 90–1220 m. WC

rigida Benth. in part; Hiern (1904) in part = **M. cephalotes**

rigida Benth. in part; Hiern (1904) in part = **M. rigida**

- robusta** Pilg.
Sutera remotiflora Dinter ex Range, naked name (2)
Perennial. Dwarf shrub. Ht ± 0.3–0.6 m. Alt 660–1400 m. N, NC
- rotata** Desr. = **Sutera caerulea**
- rubra** (P.J.Bergius) L.f.
M. angustifolia Link & Otto (9)
M. rubra (P.J.Bergius) L.f.; Hiern (1904) in part and excluding var. *turritis* (Benth.) Hiern (9)
Nemia rubra P.J.Bergius (9)
Perennial. Herb. Length 0.25–0.7 m. Alt up to 350 m. WC
- rubra* (P.J.Bergius) L.f.; Hiern (1904) in part and excluding var. *turritis* (Benth.) Hiern = **M. rubra**
- rubra* (P.J.Bergius) L.f. var. *turritis* (Benth.) Hiern = **M. turritis**
- ?*satureioides* Desr. = **Sutera revoluta** × **Sutera aethiopica**
- scabra* H.L.Wendl. ex Steud., name only = **M. altissima** subsp. **altissima**
- schaeferi** Pilg.
Annual. Herb. Ht 0.02–0.18 m. Alt 700–1005 m. N, NC
- silenooides** E.Mey. ex Benth.
M. incisiflora Hiern (9)
M. silenooides E.Mey. ex Benth. var. *minor* Benth. ex Hiern (9)
Annual. Herb. Length 0.03–0.3 m. Alt 90–975 m. NC
- silenooides* E.Mey. ex Benth. var. *minor* Benth. ex Hiern = **M. silenooides**
- simpliciflora* Thell. = **M. burchellii**
- stellata** Benth.
M. virgata of author, not of Thunb.: Hiern (1904) in part, misapplied name (9)
Perennial. Shrub. Length up to 1 m. Alt ± 395 m. WC
- tenella** Hilliard
Annual. Herb. Length ± 0.21–0.3 m. Alt? N
- thodeana* Diels = **M. crassifolia** subsp. **thodeana**
- thunbergii* G.Don = **Jamesbrittenia thunbergii**
- thyrsiflora** L.f.
M. thyrsiflora L.f.: Hiern (1904) excluding var. *albiflora* Kuntze and var. *versicolor* Kuntze (9)
Perennial. Dwarf shrub or shrub. Ht 0.35–1 m. Alt 3–150 m. WC
- thyrsiflora* L.f.: Hiern (1904) excluding var. *albiflora* Kuntze and var. *versicolor* Kuntze = **M. thyrsiflora**
- thyrsiflora* L.f. var. *albiflora* Kuntze, naked name = **M. paniculata**
- thyrsiflora* L.f. var. *versicolor* Kuntze = **Sutera floribunda**
- tomentosa** (L.) L.
Lychnidea tomentosa (L.) Moench (9)
Selago tomentosa L. (1)
Perennial, but sometimes appearing annual. Herb. Ht 0.03–0.6 m. Alt 2–± 30 m. WC
- tomentosa* Benth. mistake for *M. thunbergii* G.Don = **Jamesbrittenia thunbergii**
- turritis** Benth.
M. hirta Thunb., later homonym, not of Gaertn. (9)
M. rubra (P.J.Bergius) L.f. var. *turritis* (Benth.) Hiern (9)
Perennial, but sometimes appearing annual. Herb, occ. woody at base. Ht 0.2–1 m. Alt 300–760 m. WC

- uncinata* Desr. = **Sutera uncinata**
- villosa* Pers., illegitimate name = **Polycarena capensis**
- violacea* Link ex Jaroscz = **Lyperia violacea**
- virgata* of author, not of Thunb.: Hiern (1904) in part, misapplied name = **M. stellata**
- virgata** Thunb.
M. exaltata Benth. (9)
M. virgata Thunb.: Hiern (1904) in part (9)
Perennial. Dwarf shrub. Ht 0.25–0.45 m. Alt 915–1100 m. WC
- virgata* Thunb.: Hiern (1904) in part = **M. virgata**
- viscosa* (Aiton) Willd. = **Sutera caerulea**
- MANULEOPSIS** Thell. 7497020
(1) Merxmüller & Roessler. 1967. *FSWA* 126: 33.
(2) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 78, 79.
- dinteri** Thell.
Freyliniopsis trothae Engl. (3)
Perennial. Shrub, lithophyte. Ht 1.2–5 m. Alt 1100–1800 m. N
- karasmontana* Dinter ex Schinz & Thell. in synonym = **Antherothamnus pearsonii**
- karasmontana* Dinter, naked name = **Antherothamnus pearsonii**
- MELANOSPERMUM** Hilliard 7522010
(1) Hilliard. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45,3: 481–491.
(2) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 387–395.
(3) Retief & Herman. 1997. *Strelitzia* 6: 612.
- foliosum** (Benth.) Hilliard
Polycarena discolor Schinz (1)
Polycarena foliosa Benth. (1)
Polycarena transvaalensis of author, not of Hiern: Philcox (1990), misapplied name (2)
Annual. Herb. Length 0.04–0.3 m. Alt 1020–1372 m. N, B, LIM, NW, G
- italae** Hilliard
Annual. Herb. Length 0.04–0.2 m. Alt 1300–1750 m. M, S, KZN
- rudolfii** Hilliard
Annual. Herb. Ht ± 0.04–0.12 m. Alt ± 1600 m. M
- rupestre** (Hiern) Hilliard
Phyllopodium rupestre Hiern (1)
Polycarena rupestris (Hiern) Levyns (1)
Perennial. Herb. Length 0.06–0.2 m. Alt 1700–2100 m. G, M
- swazicum** Hilliard
Annual. Herb. Ht 0.04–0.27 m. Alt 1050–1375 m. S, KZN
- transvaalense** (Hiern) Hilliard
Phyllopodium calvum Hiern (1)
Polycarena calva (Hiern) Levyns (1)
Polycarena transvaalensis Hiern (1)
Annual. Herb. Ht 0.005–0.22 m. Alt 1220–2195 m. M, FS
- MICRODON** Choisy 7569000
(1) Rolfe. 1901. *FC* 5,1: 175–180, including *Agathelpis*.
(2) Merxmüller & Roessler. 1967. *FSWA* 127: 3.
(3) Hartley. 1991. *Bothalia* 21: 57, 59.
(4) Hilliard. 1999. *The tribe Selagineae (Scrophulariaceae)*: 11–13.
(5) Goldblatt & Manning. 2000. *Strelitzia* 9: 656, 716.

bosciaefolius Dinter, naked name (insufficiently known) (2, under *Hebenstretia*)

bracteatus (Thunb.) I.H.Hartley = **M. parviflorus**

capitatus (P.J.Bergius) Levyns

- Lippia ovata* L. (5)
M. ovatus (L.) Choisy (4)
Selago capitata P.J.Bergius (4)
Selago ovata (L.) Aiton (4)

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt ± 170 m.
 WC

cylindricus E.Mey. = **M. polygaloides**

dubius (L.) Hilliard

- Agathelpis adunca* E.Mey. (4)
Agathelpis angustifolia Choisy, illegitimate name (4)
Agathelpis brevifolia E.Mey. (4)
Agathelpis dubia (L.) Hutch. ex Wijnands (4)
Agathelpis mucronata E.Mey. (4)
Eranthemum angustatum L., illegitimate name (4)
Eranthemum angustifolium Murray, illegitimate name (4)
Selago angustifolia Thunb., illegitimate name (4)
Selago dubia L. (4)

Perennial. Dwarf shrub. Ht 0.15–1.5 m. Alt 9–1830 m.
 NC, WC

linearis Choisy

Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt ± 200 m.
 WC

linkii Walp., illegitimate name = **M. polygaloides**

lucidus (Vent.) Choisy = **M. parviflorus**

nitidus (E.Mey.) Hilliard

- Agathelpis nitida* E.Mey. (4)
 Perennial. Dwarf shrub or shrub. Ht up to 0.8 m. Alt 305–610 m. WC

orbicularis Choisy

Perennial. Dwarf shrub. Ht ± 0.5 m. Alt 150–760 m.
 WC

ovatus (L.) Choisy = **M. capitatus**

parviflorus (P.J.Bergius) Hilliard

- Agathelpis parviflora* (P.J.Bergius) Choisy as '*parvifolia*' (4)
Eranthemum parviflorum P.J.Bergius (4)
M. bracteatus (Thunb.) I.H.Hartley (5)
M. lucidus (Vent.) Choisy (3, 5)
Selago bracteata Thunb. (3, 5)
Selago lucida Vent. (3, 5)

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 245–2135 m. WC

polygaloides (L.f.) Druce

- M. cylindricus* E.Mey. (4)
M. linkii Walp., illegitimate name (4)
Selago polygaloides L.f. (4)
Selago spicata Link. (4)

Perennial. Dwarf shrub. Ht 0.3–0.4(–1) m. Alt 305–1400 m. WC

MIMULUS L.

7524000

- (1) Hiern. 1904. *FC* 4,2: 354, 355.
 (2) Grant. 1924. *Annals of the Missouri Botanical Garden* 11: 99–389, esp. 134–136, 223–226.
 (3) Webb. 1972. In Tutin *et al.*, *Flora europaea* 3: 204, 205.

gracilis R.Br.

Perennial. Herb, helophyte to hydrophyte. Ht 0.09–± 0.75 m. Alt 45–2530 m. N, B, LIM, NW, M, S, FS, KZN, L, NC, EC

***moschatus** Douglas var. **moschatus**

Perennial. Herb, semi-aquatic. Ht 0.05–0.3 m. Alt 1450–1525 m. FS, KZN (garden escape?)

*MISOPATES Raf.

7482010

- (1) Sutton. 1988. *A revision of the tribe Antirrhineae*: 145–149.
 (2) Philcox. 1990. *FZ* 8,2: 14–16.
 (3) Mielcarek. 1996. *Fragmenta Floristica et Geobotanica* 41,1: 75, as '*Antirrhinum*'.
 (4) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 438.

orontium (L.) Raf. subsp. **orontium**

Antirrhinum orontium L. (4)
 Annual, perennial. Herb. Ht 0.1–0.6 m. Alt ± 520 m.
 KZN, WC, EC

MONIERA B.Juss. ex P.Browne, 7546020
 rejected name

africana Pers., as '*Monniera*' = **Bacopa monnieri**

calycina (Forssk.) Kuntze, as '*Monniera*' = **Bacopa monnieri**

cuneifolia Michx., as '*Monniera*'; Hiern (1904) in part, excluding *Herpestis crenata* P.Beauv. = **Bacopa monnieri**

NEMESIA Vent.

7476000

- (1) Hiern. 1904. *FC* 4,2: 169–200.
 (2) Brown. 1909. *Kew Bulletin of Miscellaneous Information* 1909: 376.
 (3) Diels. 1910. *Botanische Jahrbücher* 44: 121, 122.
 (4) Pilger. 1912. *Botanische Jahrbücher* 48: 435, 436.
 (5) Bolus. 1915. *Annals of the Bolus Herbarium* 1: 98, t. 13B.
 (6) Bolus. 1927. *South African Gardening & Country Life*, May 1927: 177, 178.
 (7) Range. 1935. *Repertorium specierum novarum regni vegetabilis* 38: 262, 263.
 (8) Bond. 1940. *Journal of South African Botany* 6: 65–67.
 (9) Fourcade. 1940. *Memoirs of the Botanical Survey of South Africa* No. 20: 73.
 (10) Phillips. 1940. *The Flowering Plants of South Africa* 20: t. 765.
 (11) Levyns. 1950. In Adamson & Salter, *Flora of the Cape Peninsula*: 708–710.
 (12) Roessler. 1965. *Mitteilungen der Botanischen Staatssammlung München* 5: 689–691.
 (13) Merxmüller & Roessler. 1967. *FSWA* 126: 34–37.
 (14) Hilliard & Burt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43,3: 385–401.
 (15) Steiner. 1989. *South African Journal of Botany* 55,4: 405–408.
 (16) Philcox. 1990. *FZ* 8,2: 9–12.
 (17) Steiner. 1994. *South African Journal of Botany* 60,4: 211–213.
 (18) Retief & Herman. 1997. *Strelitzia* 6: 612, 613.
 (19) Craven *et al.* 1999. *Southern African Botanical Diversity Network Report* No. 7: 143.
 (20) Goldblatt & Manning. 2000. *Strelitzia* 9: 656–658.
 Note: this genus is under revision by K.E. Steiner.

acornis K.E.Steiner

Perennial. Herb. Ht 0.14–0.6 m. Alt 780–915 m. WC

acuminata Benth.

Antirrhinum scabridum Herb. Banks. ex Benth. (1)
 Perennial. Herb. Ht up to 0.4 m. Alt? WC, EC

affinis Benth.

N. versicolor of author, not of E.Mey. ex Benth. (20, author not given)

Annual. Herb. Ht 0.05–0.8 m. Alt 120–455 m. N?, NC, WC, EC

affinis Benth. var. β and var. γ Benth. = **N. floribunda**

albiflora N.E.Br.

N. flanaganii Hiern (13)
 Annual, perennial? Herb. Ht 0.13–0.75 m. Alt 610–2500 m. M, S?, FS, KZN, L, EC

anfracta Hiern

Perennial? Herb. Ht 0.28–0.6 m. Alt? WC

- angustifolia** Grant ex Range, naked name (near *N. fruticosans*) (13)
- anisocarpa** E.Mey. ex Benth.
Annual. Herb. Ht 0.05–0.58 m. Alt 100–1040 m. N?, NC, WC
- azurea** Diels
Annual. Herb. Ht 0.07–0.4 m. Alt 300–1350 m. NC
- barbata** (Thunb.) Benth.
Antirrhinum barbatum Thunb. (1)
N. guthriei Hiern (20)
Annual. Herb. Ht 0.08–0.5 m. Alt 10–305 m. WC
- barbata** (Thunb.) Benth. var. **minor** Schinz (insufficiently known) (13)
- bicornis** (L.) Pers., first as ‘*bicorne*’
Antirrhinum bicornis L. (1)
Antirrhinum capense Burm.f., not of Thunb. (1)
N. biennis Drège (1)
N. versicolor Drège, not of E.Mey. ex Benth. (1)
Annual. Herb. Ht 0.1–0.8 m. Alt 20–150 m. NC, WC
- bicornis* Sieb. ex Presl, not of (L.) Pers. = **N. lucida**
- biennis* Drège = **N. bicornis**
- bodkinii** Bolus
Short-lived perennial. Herb. Ht 0.04–0.4 m. Alt 900–1340 m. WC
- brevicalcarata** Schltr.
Perennial. Dwarf shrub. Ht 0.15–0.45 m. Alt 395–1370 m. WC
- caerulea** Hiern
Perennial. Herb. Ht 0.1–0.6 m. Alt 1220–3200 m. FS?, KZN, L, EC
- calcarata** E.Mey. ex Benth.
Annual. Herb. Ht 0.03–0.35 m. Alt 427–1219 m. NC, WC
- capensis* (Spreng.) Kuntze excluding synonym *N. linearis* Vent. = **N. fruticosans**
- capensis* (Spreng.) Kuntze var. *linearis* (Vent.) Fourc. = **N. linearis**
- capensis* (Thunb.) Kuntze, illegitimate name = **N. fruticosans**
- capensis** (Thunb.) Kuntze var. **ecalcarata** Kuntze (insufficiently known) (1)
- capensis* (Thunb.) Kuntze var. *ecalcarata* Kuntze subvar. *pallida* Kuntze = **N. pallida**
- chamaedryfolia* Vent. = **N. macrocarpa**
- chamaedryfolia** Vent. var. **natalensis** Bernh., naked name (insufficiently known) (1)
- cheiranthus** E.Mey. ex Benth.
Annual. Herb. Ht 0.07–0.57 m. Alt 305–1220 m. NC, WC
- chrysolopha** Diels
Annual. Herb. Ht 0.06–0.1 m. Alt ± 1550 m. NC, WC
- cynanchifolia** Benth.
Annual. Herb. Ht 0.1–0.6 m. Alt 35–1830 m. M?, KZN, WC?, EC
- cynanchifolia* in sense of E.Phillips (1940), not of Benth. = **N. denticulata**
- deflexa** Grant ex K.E.Steiner
Annual, occ. short-lived perennial. Herb. Ht up to 0.21 m. Alt 600–750 m. WC, EC
- densifolia* Grant ex Range, naked name = **Diascia ausana**
- denticulata** (Benth.) Grant ex Fourc.
Diascia denticulata Benth. (9)
N. cynanchifolia in sense of E.Phillips (1940), not of Benth. (14)
N. foetens of author, not of Vent.: Hiern (1904) in part (14)
N. natalitia Sond. (14)
Perennial. Herb. Ht 0.1–0.6 m. Alt 5–1565 m. KZN, EC
- diffusa** Benth. var. **diffusa**
Short-lived perennial. Herb, base almost woody, scrambler. Ht 0.04–0.45 m. Alt 20–1370 m. WC
- diffusa** Benth. var. **rigida** Benth.
Short-lived perennial. Herb. Ht? Alt? WC
- divergens* Benth. = **N. fruticosans**
- euryceras** Schltr.
Annual. Herb. Ht 0.07–0.24 m. Alt 140–850 m. NC, WC
- flanaganii* Hiern = **N. albiflora**
- fleckii** Thell.
N. ramosa Grant ex Range, naked name (13)
Annual. Herb. Ht 0.03–0.4 m. Alt? N, NC
- floribunda** Lehm.
N. affinis Benth. var. β and var. γ Benth. (1)
Annual. Herb. Ht 0.07–0.37 m. Alt 30–3050 m. FS, KZN?, L, NC, WC, EC
- floribunda** Lehm. var. **tenuior** Bernh., naked name (insufficiently known) (1)
- foetens* of author, not of Vent.: Hiern (1904) in part = **N. denticulate**
- foetens* of author, not of Vent.: Hiern (1904) in part = **N. rupicola**
- foetens* Vent. = **N. fruticosans**
- foetens* Vent. var. *latifolia* (Benth.) Hiern = **N. fruticosans**
- fruticosans** (Thunb.) Benth.
Antirrhinum capense Thunb., illegitimate name, not of Burm.f. (13)
Antirrhinum fruticosans Thunb. (13)
Linaria capensis Spreng. (16)
Linaria fruticosans (Thunb.) Spreng. (16)
N. capensis (Spreng.) Kuntze excluding synonym *N. linearis* Vent. (14, 16)
N. capensis (Thunb.) Kuntze, illegitimate name (13)
N. divergens Benth. (16)
N. foetens Vent. (16)
N. foetens Vent. var. *latifolia* (Benth.) Hiern (14 implied, 16)
N. fruticosans (Thunb.) Benth. var. *divergens* (Benth.) Norl. (16)
N. gracillima Dinter, naked name (13)
N. linearis Vent. var. *latifolia* Benth. (14, 16)
N. thunbergii G.Don, illegitimate name (13, 16)
Perennial. Dwarf shrub, suffrutex. Ht 0.06–0.6 m. Alt 1220–2010 m. N, B, LIM, NW, G, M, S?, FS, KZN?, NC, WC, EC
- fruticosans* (Thunb.) Benth. var. *divergens* (Benth.) Norl. = **N. fruticosans**
- fruticosans* (Thunb.) Benth. var. *linearis* (Vent.) Norl. = **N. linearis**
- glabriuscula** Hilliard & B.L.Burt
Perennial. Herb. Ht 0.11–0.34 m. Alt 2075–2195 m. KZN
- glandulosa* E.Phillips [used presumably for *Diascia glandulosa* E.Phillips by (20)]
- glaucescens** Hiern

- Annual. Herb. Ht 0.15–0.25 m. Alt? NC
- gracilis** Benth.
Annual. Herb. Ht 0.07–0.45 m. Alt 100–535 m. WC
- gracillima** Dinter = **N. fruticans**
- grandiflora** Diels
Annual. Herb. Ht 0.2–0.5 m. Alt? WC
- guthriei** Hiern = **N. barbata**
- hanoverica** Hiern
Perennial. Herb, suffrutex. Ht 0.05–0.3 m. Alt 1370–1435 m. FS, NC, EC
- ?**hastata** Benth. = **Diascia integerrima**
- ionantha** Diels
Annual. Herb. Ht 0.1–0.2 m. Alt 150–1200 m. NC, WC
- karasbergensis** L.Bolus
Perennial. Herb. Ht up to 0.2 m. Alt ± 2135 m. N
- karroensis** Bond
Annual. Herb. Ht 0.08–0.25 m. Alt ± 455 m. NC, WC
- lanceolata** Hiern
Perennial. Tree, dwarf shrub. Ht (0.15–)0.3–? m. Alt 885–1500 m. NC
- leipoldtii** Hiern
Annual. Herb. Ht 0.1–0.36 m. Alt 610–700 m. NC
- ligulata** E.Mey. ex Benth.
Annual. Herb. Ht 0.05–0.45 m. Alt 20–965 m. NC, WC
- lilacina** N.E.Br.
N. linearis Vent. var. *denticulata* Kuntze (13)
Annual. Tree, herb. Ht 0.04–0.45 m. Alt 900–1370 m. N, B, NW, NC
- linearis** Vent.
N. capensis (Spreng.) Kuntze var. *linearis* (Vent.) Fourc. (14)
N. fruticans (Thunb.) Benth. var. *linearis* (Vent.) Norl. (14)
Annual. Herb. Ht 0.1–0.9 m. Alt 800–1340 m. N, FS, NC, WC, EC
- linearis* Vent. var. *denticulata* Kuntze = **N. lilacina**
- linearis* Vent. var. *latifolia* Benth. = **N. fruticans**
- longicornis** (Thunb.) Pers., first as '*longicorne*' = **Diascia longicornis**
- lucida** Benth.
N. bicornis Sieb. ex Presl, not of (L.) Pers. (1)
Annual. Herb. Ht 0.1–0.45 m. Alt ± 90 m. WC
- macrocarpa** (Aiton) Druce
Antirrhinum macrocarpum Aiton (1)
Antirrhinum scabrum (Spreng.) Thunb. (1)
Linaria scabra Spreng. (1)
N. chamaedrifolia Vent. (11)
Short-lived perennial. Herb. Ht 0.1–0.6 m. Alt 20–915 m. WC
- macroceras** Schltr. var. **β crocea** Schltr.
Annual. Herb. Ht? Alt? NC
- macroceras** Schltr. var. **macroceras**
Annual. Herb. Ht 0.04–0.4 m. Alt 120–670 m. NC, WC
- marlothii** Grant ex Range, naked name
Annual. Herb. Ht up to ± 0.3 m. Alt ± 800 m. N
- maxii** Hiern
Annual. Herb. Ht 0.06–0.13(–0.6) m. Alt ± 1035 m. NC, WC?
- melissifolia** Benth.
N. melissifolia Benth.: Hiern (1904) in part (14)
Annual. Herb. Ht 0.1–0.6 m. Alt 20–2135 m. S, KZN, NC?, WC?, EC
- melissifolia* Benth.: Hiern (1904) in part = **N. melissifolia**
- melissifolia* of author, not of Benth.: Hiern (1904) in part, misapplied name = **N. rupicola**
- melissifolia* of author, not of Benth.: Hiern (1904) in part, misapplied name = **N. silvatica**
- micrantha** Hiern
Annual. Herb. Ht ± 0.12 m. Alt? WC
- minutiflora** Pilg. = **N. pubescens**
- natalitia** Sond. = **N. denticulata**
- pageae** L.Bolus
Annual. Herb. Ht 0.1–0.3(–0.4) m. Alt 200–365 m. WC
- pallida** (Kuntze.) Hiern
N. capensis (Thunb.) Kuntze var. *ecalcarata* Kuntze subvar. *pallida* Kuntze (1)
Perennial. Dwarf shrub. Ht up to 0.32 m. Alt up to 965 m. WC
- parviflora** Benth. (insufficiently known) (20)
- patens** (Thunb.) G.Don = **Diascia patens**
- petiolina** Hiern
Short-lived perennial. Herb. Ht 0.3–0.51 m. Alt 520–1065 m. NC?, WC
- picta** Schltr.
Short-lived perennial. Herb. Ht 0.1–0.25 m. Alt ± 760 m. WC
- pinnata** (L.f.) E.Mey. ex Benth.
Antirrhinum pinnatum L.f. (1)
Annual. Herb. Ht 0.07–0.47 m. Alt 25–610 m. WC
- platysepala** Diels
Annual. Herb. Ht 0.07–0.35 m. Alt 500–1400 m. NC, WC
- psammophila** Schltr.
Annual. Herb. Ht 0.08–0.3 m. Alt 185–1220 m. WC
- pubescens** Benth. var. **pubescens**
N. minutiflora Pilg. (12)
Perennial, occ. annual. Herb. Ht 0.07–0.38 m. Alt 610–1525 m. N?, FS, NC, EC
- pubescens** Benth. var. **glabrior** Benth. ex Hiern
Annual. Herb. Ht 0.15–0.3 m. Alt? FS
- pulchella** Schltr. ex Hiern
Annual. Herb. Ht 0.1–0.39 m. Alt 90–820 m. NC, WC, EC
- ramosa** Grant ex Range, naked name = **N. fleckii**
- rupicola** Hilliard
N. foetens of author, not of Vent.: Hiern (1904) in part (14)
N. melissifolia of author, not of Benth.: Hiern (1904) in part, misapplied name (14)
Perennial, occ. annual. Herb. Ht 0.04–1(–2) m. Alt 200–2900 m. LIM, NW, G, M, S, FS, KZN, L
- saccata** E.Mey. ex Benth.
Annual. Herb. Ht 0.06–0.28 m. Alt 60–610 m. NC
- silvatica** Hilliard
N. melissifolia of author, not of Benth.: Hiern (1904) in part, misapplied name (14)
Short-lived perennial, but sometimes appearing annual. Herb. Ht 0.3–1 m. Alt 915–1950 m. KZN, EC

strumosa (Herb. Banks. ex Benth.) Benth.
Antirrhinum strumosum Herb. Banks ex Benth. (1)
 Annual. Herb. Ht 0.15–0.6 m. Alt 80–150 m. WC
thunbergii G.Don, illegitimate name = **N. fruticans**
umbonata (Hiern) Hilliard & B.L.Burt
Diclis umbonata Hiern (14)
 Perennial. Herb. Ht 0.08–0.45 m. Alt 1095–2530 m.
 LIM, G, M, S, FS, KZN, L, EC
versicolor Drège, not of E.Mey. ex Benth. = **N. bicornis**
versicolor E.Mey. ex Benth. var. **oxyceras** Benth.
 Annual. Herb. Ht? Alt 15–305 m. WC
versicolor E.Mey. ex Benth. var. **versicolor**
 Annual. Herb. Ht 0.09–0.39 m. Alt 15–1220 m. NC,
 WC, EC?
versicolor of author, not of E.Mey. ex Benth. = **N. affinis**
violiflora Roessler
 Annual. Herb. Ht 0.05–0.2 m. Alt? N
viscosa E.Mey. ex Benth.
 Annual. Herb. Ht 0.04–0.35 m. Alt 15–305 m. N, NC
NEMIA Bergius 7517010
angolensis (Diels) Hiern = **Manulea parviflora** var. **parviflora**
capensis J.F.Gmel., illegitimate name = **Manulea cheiranthus**
cheiranthus (L.) P.J.Bergius = **Manulea cheiranthus**
parviflora (Benth.) Hiern = **Manulea parviflora** var. **parviflora**
rubra P.J.Bergius = **Manulea rubra**
NORTENIA Thouars 7561010
thouarsii Cham. & Schldl. = **Torenia thouarsii**
NYCTERINIA D.Don 7523010
africana (L.) Benth. in part, excluding synonym *Erinus africanus* L. = **Zaluzianskya karrooica**
africana (L.) Benth. in part, only the synonym *Erinus africanus* L. = **Zaluzianskya villosa**
africana of author, not of (L.) Benth.: Benth. (1836) in part, excluding synonym *Erinus africanus* L. = **Zaluzianskya pumila**
capensis (L.) Benth. including var. α *hirsuta* Benth., var. β *glabriuscula* Benth., and var. δ *tenuifolia* Benth. = **Zaluzianskya capensis**
capensis (L.) Benth. var. γ *foliosa* Benth. = **Zaluzianskya schmitziae**
coriacea Benth. = **Zaluzianskya capensis**
dentata Benth. = **Zaluzianskya capensis**
divaricata (Thunb.) Benth. = **Zaluzianskya divaricata**
divaricata (Thunb.) Benth. var. β ? *parviflora* Benth. = **Zaluzianskya divaricata**
fragrans of *Index Kewensis* (1894), name invalid = **Lyperia lychnidea**
longiflora Benth. = **Zaluzianskya capensis**
lychnidea D.Don = **Zaluzianskya maritima**
maritima (L.f.) Benth. in part = **Zaluzianskya maritima**

microsiphon Kuntze = **Zaluzianskya microsiphon natalensis** Bernh. = **Zaluzianskya natalensis**
ovata Benth. = **Zaluzianskya ovata**
peduncularis Benth. = **Zaluzianskya peduncularis**
peduncularis Benth. var. α *hirsuta* Benth. = **Zaluzianskya peduncularis**
peduncularis Benth. var. β *glabriuscula* Benth. name only = **Zaluzianskya peduncularis**
pumila Benth. = **Zaluzianskya pumila**
pusilla Benth. = **Zaluzianskya pusilla**
rigida Benth., mistake for *N. divaricata* according to *Index Kewensis* = **Zaluzianskya divaricata**
selaginoides (Thunb.) Benth., excluding var. β *glabra* Benth. and var. γ *parviflora* Benth. = **Zaluzianskya villosa**
selaginoides (Thunb.) Benth. var. β *glabra* Benth. = **Zaluzianskya affinis**
selaginoides (Thunb.) Benth. var. γ *parviflora* Benth. = **Polycarena silenoides**
spathacea Benth. = **Zaluzianskya spathacea**
villosa Benth., excluding synonym *Erinus villosus* Thunb. = **Zaluzianskya benthamiana**

OFTIA Adans. 7494010

- (1) Rolfe. 1901. *FC* 5,1: 93, 94 (as in Myoporineae).
 (2) Dahlgren & Rao. 1971. *Botaniska Notiser* 124: 451–472.

aficana (L.) Bocq.
Lantana africana L. (2)
Lantana crispa Thunb. (2)
O. jasminum (Medik.) Wettst. (2)
Spielmannia africana (L.) Willd. (2)
Spielmannia decurrens Moench, illegitimate name (2)
Spielmannia jasminum Medik. (2)
 Perennial. Shrub, dwarf shrub, shrub. Ht 0.07–1.5 m.
 Alt 5–1400 m. NC, WC, EC

glabra Compton
 Perennial. Dwarf shrub, occ. shrub. Ht 0.09–0.8 m. Alt 760–1220 m. WC

jasminum (Medik.) Wettst. = **O. africana**

revoluta (E.Mey.) Bocq.
Spielmannia desertorum Eckl. & Zeyh. ex Schauer, invalid name (2)
Spielmannia revoluta E.Mey. (2)
 Perennial. Shrub, dwarf shrub. Ht 0.18–1.5 m. Alt 610–1190 m. NC

OHLENDORFFIA Lehm. 7467010

procumbens Lehm. = **Aptosimum procumbens**

PAEDEROTA L. 7559000

bonae-spei L. = **Diascia capensis**

racemosa Houtt. = **Hemimeris racemosa**

PALMSTRUCKIA Retz. 7518000

foetida (Andrews) Retz = **Sutera foetida**

PELIOSTOMUM E.Mey. ex Benth. 7468000

- (1) Hiern. 1904. *FC* 4,2: 132–136.
 (2) Hemsley & Skan. 1906. *FTA* 4,2: 275.
 (3) Weber. 1907. *Beihefte zum Botanischen Centralblatt* 21,2: 80–101, t. 3.

- (4) Phillips. 1950. *Journal of South African Botany* 16: 21, 22.
 (5) Roessler. 1966. *Mitteilungen der Botanischen Staatssammlung München* 6: 9, 10.
 (6) Merxmüller & Roessler. 1967. *FSWA* 126: 37–39.

calycinum N.E.Br.

Perennial. Dwarf shrub, herb. Ht 0.15–0.3 m. Length up to 0.9 m. Alt ± 120–1220 m. M, S, KZN

leucorrhizum E.Mey. ex Benth.

Aptosimum leucorrhizum (E.Mey. ex Benth.) E.Phillips (6)
 Perennial. Dwarf shrub. Ht 0.03–0.4(–0.8) m. Alt 65–1495 m. N, B?, LIM?, NW, M?, FS, NC

leucorrhizum E.Mey. ex Benth. var. *junceum* Hiern = **Aptosimum junceum**

leucorrhizum E.Mey. ex Benth. var. *linearifolium* (Schinz ex Kuntze) F.E.Weber = **Aptosimum lugardiae**

linearifolium Schinz ex Kuntze, naked name = **Aptosimum lugardiae**

lugardiae N.E.Br. ex Hemsl. & Skan as '*lugardae*' = **Aptosimum lugardiae**

marlothii Engl. = **Aptosimum marlothii**

oppositifolium Engl. = **Jamesbrittenia fruticosa**

organoides E.Mey. ex Benth.

Perennial. Dwarf shrub. Ht 0.05–0.3(–0.6) m. Alt 610–± 1430 m. NW, FS, NC, WC?, EC

scoparium E.Mey. ex Benth. = **Anticharis scoparia**

virgatum E.Mey. ex Benth.

Aptosimum virgatum (E.Mey. ex Benth.) E.Phillips (5 implied)
 Perennial. Dwarf shrub, suffrutex. Ht 0.06–0.6(–1) m. Alt 90–1000 m. LIM?, NC, WC

viscosum E.Mey. ex Benth.

Aptosimum viscosum (E.Mey. ex Benth.) E.Phillips, not of Benth.(6)
 Perennial, occ. annual. Dwarf shrub, herb. Ht 0.05–0.15 m. Alt 360–800 m. N, NC

PHYGELIUS E.Mey. ex Benth. 7495000

- (1) Hiern. 1904. *FC* 4: 212–214.
 (2) Killick. 1970. *The Flowering Plants of Africa* 40: t. 1584.

aequalis Harv. ex Hiern

Perennial. Shrub, dwarf shrub, herb. Ht 0.45–2 m. Alt 915–2680 m. LIM, M, S, FS, KZN, L, EC

capensis E.Mey. ex Benth.

Perennial. Shrub, dwarf shrub, herb. Ht 0.3–1.5 m. Alt 1065–2895 m. M, FS, KZN, L, WC, EC

PHYLLOPODIUM Benth. 7521000

- (1) Hiern. 1904. *FC* 4,2: 311–321. (Often cited as 'p.p.' (in part) by Hilliard 1994.)
 (2) Levyns. 1939. *Journal of South African Botany* 5: 35.
 (3) Merxmüller & Roessler. 1967. *FSWA* 126: 39, 40 as '*Polycarena*'.
 (5) Hilliard & Burtt. 1977. *Notes from the Royal Botanic Garden Edinburgh* 35,2: 160, 161.
 (5) Hilliard. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45,3: 481–491.
 (6) Hilliard. 1990. *Notes from the Royal Botanic Garden Edinburgh* 46,3: 341.
 (7) Hilliard. 1993. *Edinburgh Journal of Botany* 50,1: 97.
 (8) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 429–460.
 (9) Goldblatt & Manning. 2000. *Strelitzia* 9: 659, 660.

alpinum N.E.Br.

Polycarena alpina (N.E.Br.) Levyns (8)
 Perennial. Herb. Ht ± 0.02–0.04 m. Alt 600–1750 m. WC

anomalum Hilliard

Polycarena plantaginea (L.f.) Benth. in part, not based on *Manulea plantaginifolia* L.f., or *M. plantaginea* Thunb. and all subsequent authors, misapplied name (5, 8)

Annual. Herb. Ht 0.035–0.25 m. Alt 370–950 m. NC

augei Hiern = **Manulea augei**

baurii Hiern = **Selago baurii**

bracteatum Benth.

Polycarena bracteata (Benth.) Levyns (4)
 Annual. Herb. Ht 0.05–0.3 m. Alt 8–550 m. EC

caespitosum Hilliard

Annual. Herb. Length ± 0.01–0.05 m. Alt 1200–2075 m. WC

calvum Hiern = **Melanospermum transvaalense**

capillare (L.f.) Hilliard

Manulea capillaris L.f. (6)
Polycarena capillaris (L.f.) Benth. (6)
Polycarena parvula Schltr. (6)
 Annual. Herb. Ht 0.05–0.26 m. Alt up to 120 m. WC

capitatum (L.f.) Benth. in part = **P. cephalophorum**

capitatum (L.f.) Benth. in part = **P. cordatum**

capitatum (L.f.) Benth. in part; Hiern (1904) in part and excluding synonym *Selago cordata* Thunb. = **P. heterophyllum**

cephalophorum (Thunb.) Hilliard

P. capitatum (L.f.) Benth. in part (8)
Polycarena cephalophora (Thunb.) Levyns (7)
Selago cephalophora Thunb. (7)
 Annual. Herb. Ht 0.055–0.3 m. Alt ± 300 m. WC

collinum (Hiern) Hilliard

Polycarena collina Hiern (5)
Polycarena pubescens Benth. in part; Hiern (1904) in part, misapplied name (5)
 Annual. Herb. Ht 0.03–0.3 m. Alt 550–900 m. N?, NC

cordatum (Thunb.) Hilliard

P. capitatum (L.f.) Benth. in part (8)
Selago cordata Thunb. (6)
 Annual. Herb. Length 0.05–0.3 m. Alt up to 750 m. WC

cuneifolium (L.f.) Benth.

Manulea cuneifolia L.f. (8)
Polycarena cuneifolia (L.f.) Levyns (5)
Selago herbacea Choisy excluding synonym *Selago lobeliacea* Hochst. (8)
 Annual. Herb. Ht 0.045–0.4 m. Alt 6–520 m. KZN, WC, EC

diffusum Benth.

P. diffusum Benth.: Hiern (1904) in part (8)
Polycarena diffusa (Benth.) Levyns (5)
 Annual. Herb. Ht 0.05–0.35 m. Alt 18–395 m. EC

diffusum Benth.: Hiern (1904) in part = **P. diffusum**

dolomiticum Hilliard

Perennial. Herb. Ht 0.12–0.3 m. Alt 670–760 m. WC

elegans (Choisy) Hilliard

P. linearifolium Bolus (5)
Polycarena linearifolia (Bolus) Levyns (5)
Selago elegans Choisy (5)
 Annual? Herb. Ht 0.15–0.45 m. Alt 245–1250 m. WC

glutinosum Schltr.; Hiern (1904) in part = **Trieanea glutinosa**

heterophyllum (L.f.) Benth.

Manulea capitata L.f. (8)
Manulea heterophylla L.f. (8)

- P. capitatum* (L.f.) Benth. in part; Hiern (1904) in part and excluding synonym *Selago cordata* Thunb. (8)
P. heterophyllum (L.f.) Benth.: Hiern (1904) in part (8)
Polycarena capitata (L.f.) Levyns as '*P. heterophylla*' (9)
Polycarena heterophylla (L.f.) Levyns as '*P. capitata*' (9)
 Annual. Herb. Ht 0.05–0.3 m. Alt up to 750 m. WC
- heterophyllum* (L.f.) Benth.: Hiern (1904) in part = **P. heterophyllum**
- heterophyllum* of author, not of (L.f.) Benth.: Hiern (1904) in part = **P. lupuliforme**
- hispidulum** (Thell.) Hilliard
Polycarena hispidula Thell. (7)
 Annual. Herb. Ht ± 0.035–0.08 m. Alt? N, NC
- krebsianum* Benth. = **Gleкия krebsiana**
- linearifolium* Bolus = **P. elegans**
- lupuliforme** (Thell.) Hilliard
P. heterophyllum of author, not of (L.f.) Benth.: Hiern (1904) in part (8)
Polycarena lupuliformis Thell. (5)
 Annual. Herb. Ht 0.065–0.15 m. Alt ± 900 m. NC
- maxii** (Hiern) Hilliard
Polycarena maxii Hiern (5)
Polycarena pubescens of author, not of Benth.: Merxmüller & Roessler (1967), misapplied name (8)
 Annual. Herb. Ht 0.04–0.3 m. Alt ± 945 m. N, NC
- micranthum** (Schltr.) Hilliard
Polycarena rariflora Benth. var. *micrantha* Schltr. (5)
 Annual. Herb. Ht 0.04–0.15 m. Alt ± 1370 m. WC
- mimetes** Hilliard
 Annual. Herb. Ht 0.09–0.2 m. Alt ± 45 m. WC
- minimum* Hiern = **Zaluzianskya minima**
- multifolium** Hiern
Polycarena multifolia (Hiern) Levyns (8)
 Annual. Herb. Ht 0.08–0.37 m. Alt 305–1100 m. WC
- namaense** (Thell.) Hilliard
P. rangei Engl. (8)
Polycarena namaensis Thell. (5)
Polycarena rangei (Engl.) Levyns (8)
 Annual. Herb. Ht 0.02–0.15 m. Alt 1200–1300 m. N, NC
- phyllodioides** (Schltr.) Hilliard
Polycarena selaginoides Schltr. ex Hiern (7)
Selago phyllodioides Schltr. (7)
 Annual. Herb. Ht 0.04–0.25 m. Alt ± 90–365 m. WC
- pubiflorum** Hilliard
 Annual. Herb. Ht 0.04–0.15 m. Alt? NC
- pumilum** Benth.
Polycarena pumila (Benth.) Levyns (8)
 Annual. Herb. Ht ± 0.04–0.19 m. Alt 0–1300 m. WC
- rangei* Engl. = **P. namaense**
- rudolphii* Hiern = **Pseudoselago humilis**
- rupestre* Hiern = **Melanospermum rupestre**
- rustii** (Rolfe) Hilliard
Selago rustii Rolfe (5)
 Annual. Herb. Ht 0.07–0.2(–0.3) m. Alt 70–900 m. WC, EC
- schlechteri* Hiern = **Trieenea schlechteri**
- ?*sordidum* Hiern (type lost in Berlin) = **Manulea augei**
- tweedense** Hilliard
 Annual. Herb. Ht 0.05–0.155 m. Alt ± 975 m. WC
- viscidissimum** Hilliard
 Annual. Herb. Ht 0.03–0.055 m. Alt ± 1890 m. WC

- POLYCARENA** Benth. 7522000
- (1) Hiern. 1904. *FC* 4,2: 321–333. (Often cited as 'p.p.' (in part) by Hilliard 1994.)
 (2) Levyns. 1939. *Journal of South African Botany* 5: 35.
 (3) Hilliard & Burtt. 1977. *Notes from the Royal Botanic Garden Edinburgh* 35,2: 155–162.
 (4) Hilliard. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45,3: 481–491.
 (5) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 395–416.
 (6) Goldblatt & Manning. 2000. *Strelitzia* 9: 660, 661.
- aemulans** Hilliard
P. gilioides of author, not of Benth.: Hiern (1904) in part, misapplied name (5)
P. silenoides of author, not of Harv. ex Benth.: Hiern (1904) in part, misapplied name (5)
 Annual. Herb. Ht 0.04–0.13 m. Alt 305–700 m. NC, WC
- aethiopica* (L.) Druce = **Sutera aethiopica**
- alpina* (N.E.Br.) Levyns = **Phyllopodium alpinum**
- arenaria* Hiern = **P. pubescens**
- augei* (Hiern) Levyns = **Manulea augei**
- aurea** Benth.
P. aurea Benth.: Hiern (1904) in part (5)
 Annual. Herb. Ht 0.04–0.15(–0.3) m. Alt 914–1372 m. NC, WC
- aurea* Benth.: Hiern (1904) in part = **P. aurea**
- aurea* of author, not of Benth.: Hiern (1904) in part, misapplied name = **P. formosa**
- batteniana** Hilliard
 Annual. Herb. Ht 0.06–0.18 m. Alt 400–700 m. NC, WC
- baurii* (Hiern) Levyns = **Selago baurii**
- bracteata* (Benth.) Levyns = **Phyllopodium bracteatum**
- calva* (Hiern) Levyns = **Melanospermum transvaalense**
- capensis** (L.) Benth.
Buchnera capensis L. (1)
Erinus umbellatus Burm.f. (5)
Manulea capensis (L.) Thunb. (5)
Manulea villosa Pers., illegitimate name (5)
P. capensis (L.) Benth.: Hiern (1904) in part (5)
 Annual. Herb. Ht 0.07–0.28 m. Alt 50–915 m. WC
- capensis* (L.) Benth.: Hiern (1904) in part = **P. capensis**
- capillaris* (L.f.) Benth. = **Phyllopodium capillare**
- capitata* (L.f.) Levyns as '*P. heterophylla*' = **Phyllopodium heterophyllum**
- cephalophora* (Thunb.) Levyns = **Phyllopodium cephalophorum**
- collina* Hiern = **Phyllopodium collinum**
- comptonii** Hilliard
 Annual. Herb. Ht 0.02–0.1 m. Alt? WC
- cuneifolia* (L.f.) Levyns = **Phyllopodium cuneifolium**
- diffusa* (Benth.) Levyns = **Phyllopodium diffusum**
- dinteri* Thell. = **Zaluzianskya peduncularis**
- discolor* Schinz = **Melanospermum foliosum**
- exigua** Hilliard
 Annual. Herb. Ht 0.03–0.13 m. Alt 900–1220 m. WC
- filiformis** Diels
P. gracilipes N.E.Br. ex Hiern (5)
 Annual. Herb. Ht 0.12–0.25 m. Alt ± 1130 m. NC

foliosa Benth. = **Melanospermum foliosum**

formosa Hilliard

P. aurea of author, not of Benth.: Hiern (1904) in part, misapplied name (5)

Annual. Herb. Ht 0.07–0.2 m. Alt 460–760 m. NC, WC

gilioides Benth.

P. gilioides Benth.: Hiern (1904) in part (5)

Annual. Herb. Ht 0.075–0.22 m. Alt ± 215 m. WC

gilioides Benth.: Hiern (1904) in part = **P. gilioides**

gilioides of author, not of Benth.: Hiern (1904) in part, misapplied name = **P. aemulans**

glaucescens Hiern = **P. pubescens**

glutinosa (Schltr.) Levyns = **Trieneea glutinosa**

gracilipes N.E.Br. ex Hiern = **P. filiformis**

gracilis Hilliard

Annual. Herb. Ht 0.09–0.23 m. Alt 550–900 m. WC

heterophylla (L.f.) Levyns as '*P. capitata*' = **Phyllopodium heterophyllum**

hispidula Thell. = **Phyllopodium hispidulum**

intertexta Benth. = **Cromidon decumbens**

leipoldtii Hiern = **P. rariflora**

lilacina Hilliard var. **difficilis** Hilliard

Annual. Herb. Ht 0.1–0.26 m. Alt 110–120 m. WC

lilacina Hilliard var. **lilacina**

Annual. Herb. Ht 0.06–0.28 m. Alt up to 200 m. WC

linearifolia (Bolus) Levyns = **Phyllopodium elegans**

lupuliformis Thell. = **Phyllopodium lupuliforme**

maxii Hiern = **Phyllopodium maxii**

minima (Hiern) Levyns = **Zaluzianskya minima**

multifolia (Hiern) Levyns = **Phyllopodium multifolium**

namaensis Thell. = **Phyllopodium namaense**

nardouwensis Hilliard

Annual. Herb. Ht 0.07–0.16 m. Alt? WC

parvula Schltr. = **Phyllopodium capillare**

plantaginea (L.f.) Benth., in part, based on *Manulea plantaginis* L.f. = **Cromidon plantaginis**

plantaginea (L.f.) Benth., in part, not based on *Manulea plantaginis* L.f., or *M. plantaginea* Thunb. and all subsequent authors, misapplied name = **Phyllopodium anomalum**

pubescens Benth.

P. arenaria Hiern (5)

P. glaucescens Hiern (5)

P. pubescens Benth. in part; Hiern (1904) in part (5)

Annual. Herb. Ht 0.065–0.28 m. Alt 300–1250 m. N, NC, WC

pubescens Benth. in part; Hiern (1904) in part = **P. pubescens**

pubescens Benth. in part; Hiern (1904) in part, misapplied name = **Phyllopodium collinum**

pubescens of author, not of Benth.: Merxmüller & Roessler (1967), misapplied name = **Phyllopodium maxii**

pumila (Benth.) Levyns = **Phyllopodium pumilum**

rangei (Engl.) Levyns = **Phyllopodium namaense**

rariflora Benth.

P. leipoldtii Hiern (5)

P. rariflora Benth.: Hiern (1904) excluding var. *micrantha* Schltr. (5)

Annual. Herb. Ht 0.04–0.25 m. Alt 60–1370 m. NC, WC

rariflora Benth.: Hiern (1904), excluding var. *micrantha* Schltr. = **P. rariflora**

rariflora Benth. var. *micrantha* Schltr. = **Phyllopodium micranthum**

rupestris (Hiern) Levyns = **Melanospermum rupestre**

schlechteri (Hiern) Levyns = **Trieneea schlechteri**

selaginoides Schltr. ex Hiern = **Phyllopodium phyllopodiioides**

silenoides Harv. ex Benth.

Nycterinia selaginoides (Thunb.) Benth. var. *γparviflora* Benth. (5)

P. silenoides Harv. ex Benth.: Hiern (1904) in part (5)

Zaluzianskya selaginoides (Thunb.) Walp. var. *γparviflora* (Benth.) Walp. (6 implied)

Zaluzianskya villosa F.W.Schmidt var. *γparviflora* (Benth.) Hiern, in part (5)

Annual. Herb. Ht 0.05–0.14 m. Alt 670–700 m. WC

silenoides Harv. ex Benth.: Hiern (1904) in part = **P. silenoides**

silenoides of author, not of Harv. ex Benth.: Hiern (1904) in part, misapplied name = **P. aemulans**

silenoides of author, not of Harv. ex Benth.: Hiern (1904) in part, misapplied name = **P. subtilis**

sordida (Hiern) Levyns = **Manulea augei**

subtilis Hilliard

P. silenoides of author, not of Harv. ex Benth.: Hiern (1904) in part, misapplied name (5)

Annual. Herb. Ht 0.05–0.24 m. Alt up to 518 m. WC

tenella Hiern

Annual. Herb. Ht 0.03–0.19 m. Alt 450–1100 m. NC, WC

transvaalensis Hiern = **Melanospermum transvaalense**

transvaalensis of author, not of Hiern: Philcox (1990), misapplied name = **Melanospermum foliosum**

POLYCENIA Choisy 7566010

cordata (L.) E.Mey. = **Hebenstretia cordata**

dregei Gand. = **Hebenstretia cordata**

?*fenestrata* E.Mey. = **Hebenstretia repens**

fruticosa E.Mey. not *Hebenstretia fruticosa* L.f. = **Hebenstretia dregei**

hebenstretiioides Choisy = **Hebenstretia repens**

lanceolata E.Mey., excluding var. *β glabrata* E.Mey. = **Hebenstretia lanceolata**

lanceolata E.Mey. var. *β glabrata* E.Mey. = **Dischisma ciliatum** subsp. **erinoides**

tenera Walp. = **Hebenstretia repens**

PSEUDOSELAGO Hilliard 7568060

(1) Rolfe. 1901. *FC* 5,1: 160, 163–168 as '*Selago*', section *Spurieae* & *S. heterophylla*.

(2) Hilliard. 1995. *Edinburgh Journal of Botany* 52,3: 243–332.

(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 661–663.

arguta (E.Mey.) Hilliard

Selago arguta E.Mey. (2)

Perennial. Herb. Length 0.06–0.45 m. Alt 460–1130 m. NC, WC

ascendens (E.Mey.) Hilliard

Selago ascendens E.Mey.; Rolfe (1901) in part, (2)

- Selago heterophylla* Rolfe, not of Thunb., illegitimate name, in part (2)
Selago incisa Hochst. (2)
 Annual or perennial. Herb. Length 0.05–0.45 m. Alt 900–1800 m. WC
- bella** Hilliard
 Perennial. Herb. Length \pm 0.07–0.3 m. Alt 1200–1700 m. WC
- burmannii** (Choisy) Hilliard
Selago burmannii Choisy, excluding synonym *Selago arguta* E.Mey. (2)
Selago lanceolata Choisy in part (2)
 Perennial. Herb, suffrutex. Ht \pm 0.3–0.9 m. Alt? WC
- caerulescens** Hilliard
 Annual? Herb. Ht \pm 0.15–0.6 m. Alt 200–1525 m. WC
- candida** Hilliard
Selago verbenacea of author, not of L.f.: Rolfe (1901) in part, misapplied name (2)
 Annual? Herb. Ht \pm 0.25–0.75 m. Alt \pm 300–600 m. WC
- densifolia** (Hochst.) Hilliard
Selago densifolia Hochst. (2)
Selago rapunculoides L. var. β *densifolia* (Hochst.) Choisy (2)
Selago spuria of author, not of L.: Rolfe (1901) in part, misapplied name (2)
 Perennial. Herb. Ht \pm 0.3–2.1 m. Alt 260–800 m. WC
- diplotricha** Hilliard
 Perennial. Herb. Length \pm 0.15–0.75 m. Alt 1370–1525 m. WC
- gracilis** Hilliard
Selago spuria of author, not of L.: Rolfe (1901) in part, misapplied name (2)
 Perennial. Herb. Ht \pm 0.15–0.75 m. Alt 450–1400 m. NC, WC
- guttata** (E.Mey.) Hilliard
Selago guttata E.Mey. (2)
 Annual? Herb. Ht \pm 0.09–0.65 m. Alt 1220–1500 m. WC
- humilis** (Rolfe) Hilliard
Phyllopodium rudolphii Hiern (2)
Selago humilis Rolfe (2)
Selago rudolphii (Hiern) Levyns (2)
 Annual, perennial? Ht \pm 0.05–0.4 m. Alt 1200–1800 m. WC
- langebergensis** Hilliard
 Perennial. Dwarf shrub. Ht \pm 0.35–0.5 m. Alt 200–1800 m. WC
- outeniquensis** Hilliard
 Annual. Herb. Ht \pm 0.3–0.75 m. Alt 600–1675 m. WC, EC
- parvifolia** Hilliard
 Perennial. Herb. Ht \pm 0.2–0.9 m. Alt 600–1300 m. NC, WC
- peninsulae** Hilliard
Selago fasciculata L. var. β *hirta* (Choisy, not of L.f.) E.Mey. subvar. b E.Mey. (2)
 ?*Selago lobeliacea* Hochst. (type lost in Berlin) (2)
Selago quadrangularis of author, not of Choisy: Rolfe (1901) in part (2)
 Annual or perennial. Herb. Length \pm 0.12–0.75 m. Alt 700–1050 m. WC
- prolixa** Hilliard
 Perennial. Herb. Length \pm 0.05–0.6 m. Alt 1525–1800 m. WC
- prostrata** Hilliard
- Perennial? Herb. Length \pm 0.04–0.1 m. Alt 1770–2200 m. WC
- pulchra** Hilliard
 Perennial. Dwarf shrub. Ht \pm 0.4 m. Alt 100–1370 m. WC
- quadrangularis** (Choisy) Hilliard
Selago decumbens Choisy, not of Thunb. (1)
Selago fasciculata L. var. β *hirta* (Choisy, not of L.f.) E.Mey. (2)
Selago hirta of author, not of L.f.: Choisy (1823), misapplied name (2)
Selago quadrangularis Choisy; Rolfe (1901) in part (2)
 Perennial? Herb. Length \pm 0.45–0.75 m. Alt? WC
- rapunculoides** (L.) Hilliard
Selago coccinea L. (2)
Selago fasciculata L. var. β *lanceolata* Walp., naked name (2)
Selago lanceolata Choisy in part (2)
Selago pulchella Salisb., illegitimate name (2)
Selago rapunculoides L. (2)
Selago spuria of author, not of L.: Rolfe (1901) in part, misapplied name (2)
 ?*Selago teretifolia* Link (type lost in Berlin) (2)
 Perennial. Herb. Ht \pm 0.1–0.5 m. Alt \pm 40 m. WC
- recurvifolia** Hilliard
Selago fasciculata L. var. α *glabra* E.Mey. subvar. b E.Mey. (2)
 Perennial. Herb. Length \pm 0.1–0.5 m. Alt 550–1250 m. WC
- serrata** (P.J.Bergius) Hilliard
Selago fasciculata L. (2)
Selago pentheri Gand. (2)
Selago serrata P.J.Bergius; Rolfe (1901) in part, & Stapf (1932), both excluding *S. lanceolata* Choisy (2)
 Perennial. Dwarf shrub or shrub. Ht \pm 0.6–2 m. Alt 60–1200 m. WC
- similis** Hilliard
Selago heterophylla of authors, not of Thunb.: E.Mey. (1838); Choisy (1848), misapplied name (2)
Selago heterophylla Rolfe, not of Thunb., illegitimate name, in part (2)
 Perennial. Herb. Length \pm 0.15–0.75 m. Alt 1200–2100 m. WC
- spuria** (L.) Hilliard
Selago dentata Poir. (2)
Selago fulvomaculata Link (2)
Selago heterophylla Thunb. (2)
Selago pallida Salisb., illegitimate name (2)
Selago spuria L. (2)
 Perennial, but sometimes appearing annual. Herb. Length \pm 0.1–0.5 m. Alt 0–1300 m. WC
- subglabra** Hilliard
Selago spuria of author, not of L.: Rolfe (1901) in part, misapplied name (2)
 Perennial. Herb. Ht \pm 0.1–0.8 m. Alt 335–1200 m. WC
- verbenacea** (L.f.) Hilliard
 ?*Selago ramulosa* Link, not of E.Mey. (2)
Selago verbenacea L.f.; Rolfe (1901) in part (2)
Selago verbenacea L.f. var. β *villosa* Choisy (2)
 Annual, perennial? Herb. Ht up to 2 m. Alt 0–1200 m. WC
- violacea** Hilliard
Selago ascendens of author, not of E.Mey.: Rolfe (1901) in part (2)
 Annual or perennial. Herb. Length \pm 0.12–0.5 m. Alt 900–1500 m. WC

REYEMIA Hilliard 7522030

- (1) Hilliard. 1992. *Edinburgh Journal of Botany* 49,3: 297.
 (2) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 522, 523.

chasmanthiflora Hilliard

Annual. Herb. Ht 0.08–0.2 m. Alt 1121–1123 m. NC
nemesioides (Diels) Hilliard
Zaluzianskya nemesioides Diels (1)

Annual. Herb. Ht 0.02–0.3 m. Alt 1220–1615 m. NC

SCHISTANTHE Kunze 7469010

peduncularis Kunze = **Alonsoa peduncularis**

***SCOPARIA** L. 7576000

(1) Hemsley & Skan. 1906. *FTA* 4,2: 354, 355.

(2) Philcox. 1990. *FZ* 8,2: 77, 78.

dulcis L.

S. ternata Forssk. (1)

Perennial. Suffrutex, dwarf shrub. Ht 0.25–1 m. Alt 5–325 m. KZN

ternata Forssk. = **S. dulcis**

SELAGINASTRUM Schinz & Thell. 7497040

karasmontanum (Dinter) Schinz & Thell. = **Antherothamnus pearsonii**

rigidum (L.Bolus) Schinz & Thell. = **Antherothamnus pearsonii**

rigidum (L.Bolus) Schinz & Thell. var. (?) *karasmontanum* (Dinter) Schinz & Thell. = **Antherothamnus pearsonii**

SELAGO L. 7568000

(1) Rolfe 1901. *FC* 5,1: 129–174, including *Walafrida*. (Often cited as 'p.p.' (in part) by Hilliard (1999), not all listed here.)

(2) Merxmüller & Roessler. 1967. *FSWA* 127: 1–7, including *Walafrida* (some species now *Cromidon*).

(3) Hilliard. 1983. *Notes from the Royal Botanic Garden Edinburgh* 41,2: 314–319.

(4) Philcox. 1990. *FZ* 8,2: 165–173, including *Walafrida*.

(5) Hilliard. 1990. *Edinburgh Journal of Botany* 47,3: 315–343.

(6) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: various pages.

(7) Hilliard. 1995. *Edinburgh Journal of Botany* 52,3: 243–332.

(8) Hilliard. 1995. *Edinburgh Journal of Botany* 52,3: 361, 362.

(9) Hilliard. 1996. *Edinburgh Journal of Botany* 53,2: 277–280.

(10) Hilliard. 1997. *Edinburgh Journal of Botany* 54,1: 106–108.

(11) Hilliard. 1998. *Edinburgh Journal of Botany* 55,2: 221–227.

(12) Hilliard. 1999. *The tribe Selagineae (Scrophulariaceae)*: 1–312.

(13) Retief & Herman. 1997. *Strelitzia* 6: 618, 619.

(14) Goldblatt & Manning. 2000. *Strelitzia* 9: 663–669.

(15) The Plant Names Project. 2002. *International Plant Names Index*, <http://www.ipni.org> (accessed on 12-08-2002).

Note: occasionally plants have only female flowers, which appear very different from hermaphrodite ones. Usually the flowers are much smaller and stamens are lacking or malformed.

abietina Burm.f., insufficiently known (12)

acocksii Hilliard

S. zeyheri Rolfe, not of Choisy (1848) (11)

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 750–1370 m. NC, WC, EC

acutibractea Hilliard

S. hyssopifolia of author, not of E.Mey.: Rolfe (1901) in part, misapplied name (7)

Perennial. Herb. Length 0.6–2 m. Alt 1200–1800 m. M, S, KZN

adenodes Hilliard

Perennial. Dwarf shrub. Ht 0.12–0.35 m. Alt 1500–1675 m. WC

adpressa Choisy = **Globulariopsis adpressa**

aggregata Rolfe = **Tetraselago wilmsii**

albanensis Schltr. = **S. recurva**

albida Choisy

S. albida Choisy: Rolfe (1901) in part and excluding synonym *S. capituliforme* Rolfe (12)

S. hermannioides of author, not of E.Mey.: Rolfe (1901) in part, misapplied name (12)

Perennial. Dwarf shrub. Length ± 0.15–0.6 m. Alt 350–2000 m. FS, L?, NC, WC, EC

albida Choisy: Rolfe (1901) in part and excluding synonym *S. capituliforme* Rolfe = **S. albida**

albida of authors, not of Choisy: Rolfe (1901) in part; Merxmüller & Roessler (1967), in part, misapplied name = **S. divaricata**

albida of author, not of Choisy: Rolfe (1901) in part, misapplied name = **S. angustibractea**

albida of author, not of Choisy: Rolfe (1901) in part, misapplied name = **S. lepida**

albida of author, not of Choisy: Rolfe (1901) in part, misapplied name = **S. perplexa**

albida of author, not of Choisy: Rolfe (1901) in part, misapplied name = **S. verna**

albomarginata Hilliard

S. alliodora Dinter ex Engl., naked name (12)

Walafrida nachtigalii of author, not of (Rolfe) Rolfe: Philcox (1990) misapplied name (12)

Walafrida nachtigalii (Rolfe) Rolfe in part (12)

Walafrida schinzii of author, not of Rolfe: Merxmüller & Roessler (1967), misapplied name (12)

Perennial, but sometimes appearing annual. Herb. Length ± 0.15–0.5 m. Alt 1035–1370 m. N, B, NW, FS, NC, WC

albomontana Hilliard

Perennial. Dwarf shrub. Ht 0.25–0.85 m. Alt 975–1220 m. WC

alliodora Dinter ex Engl., naked name = **S. albomarginata**

alopeurooides Rolfe

Walafrida alopecurooides (Rolfe) Rolfe (12)

Walafrida paniculata (Thunb.) Rolfe in part (12)

Walafrida schinzii Rolfe (12)

Annual. Herb. Ht 0.3–0.75 m. Alt 1300–2480 m. N

amboensis Rolfe

Walafrida saxatilis of author, not of E.Mey.: Merxmüller & Roessler (1967) in part, misapplied name (12)

Perennial, but sometimes appearing annual. Herb. Length 0.05–0.45 m. Alt? N

angolensis Rolfe

S. chongweënsis (Rolfe) Torre & Harms, invalid combination (12)

Walafrida angolensis (Rolfe) Rolfe (12)

Walafrida chongweënsis Rolfe (12)

Perennial. Herb. Ht 0.2–0.75 m. Alt? N, B

angustibractea Hilliard

S. albida of author, not of Choisy: Rolfe (1901) in part, misapplied name (12)

Perennial. Dwarf shrub. Length 0.07–0.6 m. Alt 50–900 m. N, NC

angustifolia Thunb., illegitimate name = **Microdon dubius**

apiculata E.Mey. = **Glumicalyx apiculatus**

appressa of author, not of Choisy: E.Mey. (1838), misapplied name = **S. saxatilis**

arguta E.Mey. = **Pseudoselago arguta**

articulata Thunb.*Walafrida articulata* (Thunb.) Rolfe (12)

Perennial. Dwarf shrub. Ht ± 0.15–0.25 m. Alt ± 1500 m. NC

ascendens E.Mey.; Rolfe (1901) in part = **Pseudoselago ascendens***ascendens* of author, not of E.Mey.: Rolfe (1901) in part, misapplied name = **Pseudoselago violaceae****aspera** Choisy*S. mundii* Rolfe in part (12)

Perennial. Dwarf shrub, herb. Ht 0.155–0.6 m. Alt 0–± 600 m. WC

atherstonei Rolfe*S. muddii* Rolfe (12)

Perennial. Herb. Length 0.15–0.55 m. Alt 1500–2200 m. M

barbula Harv. ex Rolfe

Perennial. Herb. Length ± 0.3–0.45 m. Alt 1200–1500 m. KZN

baurii (Hiern) Hilliard*Phyllopodium baurii* Hiern (12)*Polycarena baurii* (Hiern) Levyns (12)

Perennial. Dwarf shrub, shrub. Ht up to 1 m. Alt 1065–1430 m. EC

beaniana Hilliard

Perennial. Dwarf shrub, shrub. Ht ± 0.4–1.5 m. Alt 360–650 m. NC

bilacunosa Hilliard

Perennial. Dwarf shrub, herb. Ht up to 0.5 m. Alt 760–1500 m. WC

bolusii Rolfe*S. distans* Lindl., not of E.Mey. (1)

Perennial. Dwarf shrub, shrub. Ht ± 1 m. Alt ± 1310–2135 m. EC

bracteata Thunb. = **Microdon parviflorus****brevifolia** Rolfe*S. luxurians* Choisy in part (12)

Perennial. Dwarf shrub, shrub. Ht ± 0.2–0.75 m. Alt 350–1300 m. WC

burchellii Rolfe*S. pubescens* Rolfe (12)

Perennial. Herb. Ht up to 1 m. Alt 185–244 m. WC

burkei Rolfe

Perennial. Dwarf shrub. Length ± 0.25–0.5 m. Alt? NW, FS

burmannii Choisy, excluding synonym *Selago arguta* E.Mey. = **Pseudoselago burmannii****canescens** L. f.*S. forbesii* Rolfe (12)*S. glabrata* Choisy in part (12)*S. glabrata* of author, not of Choisy: Rolfe (1901) in part, misapplied name (12)*S. meyeri* Choisy (12)*S. ramulosa* E.Mey., not of Link (12)*S. thunbergii* Choisy (12)

Perennial. Dwarf shrub. Ht ± 0.5–1.2 m. Alt up to 900 m. WC, EC

capitata P.J.Bergius = **Microdon capitatus****capitellata** Schltr.*S. saundersiae* Rolfe (12)

Perennial. Herb. Ht ± 0.2–0.4 m. Alt 1500–2000 m. LIM, M, KZN

capituliflora Rolfe

Perennial. Dwarf shrub, shrub. Length ± 1 m. Alt ± 600 m. WC

cecilae (Rolfe) Eyles*S. densiflora* Rolfe in part (12)*Walafrida cecilae* Rolfe (12)

Perennial. Herb. Length 0.15–0.5 m. Alt 1200–1500 m. B, LIM, NW

cedrimontana Hilliard

Perennial. Herb, dwarf shrub? Length 0.35–? m. Alt 900–1800 m. WC

centralis Hilliard

Perennial. Dwarf shrub. Ht ± 0.45 m. Alt 1000–1800 m. N, NW, NC, EC

cephalophora of author, not of Thunb.: E.Mey. (1837), misapplied name = **Glumicalyx nutans***cephalophora* Thunb. = **Phyllopodium cephalophorum****chalarantha** Hilliard

Perennial. Dwarf shrub. Ht ± 0.15–0.3 m. Alt ± 820 m. NC

chenopodioides Diels = **Chenopodiopsis chenopodioides***choisiana* E.Mey. = **S. paniculata***chongweënsis* (Rolfe) Torre & Harms, invalid combination = **S. angolensis****ciliata** L. f.*Walafrida ciliata* (L. f.) Rolfe (12)

Perennial, but sometimes appearing annual. Herb. Ht ± 0.03–0.3 m. Alt 120–600 m. WC

cinerascens E.Mey. = **S. cinerea***cinerascens* E.Mey. var. *exasperata* E.Mey. = **S. cinerea****cinerea** L. f.*S. cinerascens* E.Mey. (12)*S. cinerascens* E.Mey. var. *exasperata* E.Mey. (12)*Walafrida cinerea* (L. f.) Rolfe (12)

Perennial. Dwarf shrub or suffrutex. Ht up to 1 m. Alt 150–1200 m. WC, EC

coccinea L. = **Pseudoselago rapunculoides***coerulea* Burch. ex Hochst., naked name = **S. decipiens***comosa* E.Mey., insufficiently known, but possibly = **S. recurva** (12)**compacta** Rolfe*S. junodii* of author, not of Rolfe: Compton (1976) in part, misapplied name (12)

Perennial. Herb. Length 0.1–0.6 m. Alt 1065–2075 m. M, FS, S? KZN?

comptonii Hilliard

Perennial. Dwarf shrub. Ht ± 0.15–0.3 m. Alt 615–915 m. WC

confusa Hilliard*S. glabrata* Choisy unnamed var. Choisy (1848) in part (12)*Walafrida micrantha* (Choisy) Rolfe in part (12)

Perennial. Dwarf shrub. Length 0.1–0.4 m. Alt 150–760 m. EC

congesta Rolfe*Walafrida congesta* (Rolfe) Rolfe (12)

Perennial. Dwarf shrub? Ht? Alt? WC?, EC? ‘Cape’, ‘Cape of Good Hope’

cooperi Rolfe = **S. galpinii***cordata* E.Mey. = **Cromidon decumbens**

cordata Thunb. = **Phyllopodium cordatum**

corrigioloides Rolfe = **Cromidon corrigioloides**

corymbosa L.

S. corymbosa L.: Choisy (1823 & 1848) the latter excluding var. *β polystachya* (L.) E.Mey.; E.Mey. (1838) in part and excluding var. *β polystachya* (L.) E.Mey.; Rolfe (1901) in part and excluding synonym var. *β polystachya* (L.) E.Mey. (12)

Perennial. Dwarf shrub, shrub. Ht 0.3–1 m. Alt 0–1050 m. WC, EC

corymbosa L.: Choisy (1823 & 1848) the latter excluding var. *β polystachya* (L.) E.Mey.; E.Mey. (1838) in part and excluding var. *β polystachya* (L.) E.Mey.; Rolfe (1901) in part and excluding synonym var. *β polystachya* (L.) E.Mey. = **S. corymbosa**

corymbosa L. var. *β polystachya* (L.) E.Mey. in part = **S. dolichonema**

corymbosa L. var. *β polystachya* (L.) E.Mey. in part = **S. dolosa**

corymbosa L. var. *β polystachya* (L.) E.Mey. in part = **S. polystachya**

crassifolia (Rolfe) Hilliard

Walafrida crassifolia Rolfe (12)

Perennial. Dwarf shrub. Ht ± 0.15–0.2 m. Alt 1400–1700 m. NC, WC

cryptadenia Hilliard

Perennial. Dwarf shrub. Ht ± 0.15–0.5 m. Alt up to 600 m. WC

cucullata Hilliard

S. densiflora Rolfe in part (12)

Walafrida densiflora (Rolfe) Rolfe in part (12)

Perennial. Herb. Ht 0.15–0.4 m. Alt 0–1950 m. M, KZN

cupressoides Hilliard

S. triquetra of author, not of L.f.: Rolfe (1901) in part, misapplied name (12)

Perennial. Dwarf shrub. Ht ± 0.15–0.45 m. Alt ± 500–760 m. WC

curvifolia Rolfe

Perennial. Dwarf shrub. Ht ± 0.6 m. Alt 750–1300 m. WC

cylindrica Levyns = **S. scabrida**

decipiens E.Mey.

Selago coerulea Burch. ex Hochst., naked name (12 as 'caerulea')

Walafrida decipiens (E.Mey.) Rolfe (12)

Walafrida macowani Rolfe (12)

Walafrida zeyheri (Choisy) Rolfe in part (12)

Perennial, but sometimes flowering early. Suffrutex. Ht up to 0.6 m. Alt up to 600 m. EC

decumbens Choisy, not of Thunb. = **Pseudoselago quadrangularis**

decumbens Thunb. = **Cromidon decumbens**

densiflora Rolfe

S. densiflora Rolfe in part (12)

Walafrida densiflora (Rolfe) Rolfe in part (12)

Walafrida polystachya Rolfe in part (12)

Perennial. Herb. Ht 0.05–0.4 m. Alt 1200–2100 m. LIM, NW, G, M, S, FS, KZN, L, NC, EC

densiflora Rolfe in part = **S. ceciliae**

densiflora Rolfe in part = **S. cucullata**

densiflora Rolfe in part = **S. densiflora**

densiflora Rolfe in part = **S. tenuifolia**

densifolia Hochst. = **Pseudoselago densifolia**

dentata Poir. = **Pseudoselago spuria**

diabolica Hilliard

Perennial. Dwarf shrub. Ht ± 0.15 m. Alt? NC

?*diffusa* Hochst., not of Thunb. = **S. linearis**

diffusa Thunb.

S. diosmoides Rolfe in part (12)

Perennial. Dwarf shrub. Ht ± 0.1–0.3 m. Alt 0–170 m. WC

dinteri Rolfe subsp. **dinteri**

Walafrida dinteri (Rolfe) Rolfe (12)

Walafrida fleckii Rolfe (12)

Walafrida saxatilis of author, not of E.Mey.: Merxmüller & Roessler (1967) in part, misapplied name (12)

Perennial. Herb. Ht 0.15–0.7 m. Alt 1300–2100 m. N, B

dinteri Rolfe subsp. **pseudodinteri** Hilliard

Walafrida saxatilis of author, not of E.Mey.: Merxmüller & Roessler (1967) in part, misapplied name (12)

Perennial. Herb. Ht 0.15–0.45 m. Alt ± 1525 m. N, B, NC

diosmoides Rolfe in part = **S. diffusa**

distans E.Mey

Walafrida distans (E.Mey.) Rolfe (12)

Perennial. Dwarf shrub. Ht 0.15–0.45 m. Alt 600–1000 m. WC

distans Lindl., not of E.Mey. = **S. bolusii**

divaricata L.f

S. albida of author, not of Choisy: Rolfe (1901) in part; Merxmüller & Roessler (1967) in part, misapplied name (12)

S. minutissima Choisy (12)

Walafrida merxmulleri Roessler (12)

Perennial. Dwarf shrub. Ht 0.8–1 m. Alt 1300–2000 m. N, NC

dolichonema Hilliard

S. corymbosa L. var. *polystachya* (L.) E.Mey. in part (12)

Perennial. Dwarf shrub, shrub. Ht up to ± 1 m. Alt ± 1500 m. WC

dolosa Hilliard

S. corymbosa L. var. *polystachya* (L.) E.Mey. in part (12)

Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt 0–1500 m. FS?, NC, WC, EC

dregeana Hilliard

S. glutinosa E.Mey. in part (12)

S. glutinosa of author, not of E.Mey.: Rolfe (1901) in part, misapplied name (12)

Perennial. Dwarf shrub. Ht ± 0.5 m. Alt 900–1200 m. WC

dregei Rolfe in part = **S. glandulosa**

dregei Rolfe in part = **S. luxurians**

dubia L. = **Microdon dubius**

eckloniana Choisy

S. elata Choisy (12)

S. pinea Drège (1)

Perennial. Dwarf shrub. Ht ± 0.3–0.75 m. Alt 300–975 m. WC

elata Choisy = **S. eckloniana**

elata Rolfe, not of Choisy = **S. procera**

elegans Choisy = **Phyllopodium elegans**

elongata Hilliard

- Perennial. Herb, suffrutex. Length \pm 0.35–0.6 m. Alt 60–600 m. KZN
- elsiae** Hilliard
Life form? Habit? Ht 0.25–? m. Alt \pm 1220 m. WC
?ericina E.Mey. = **S. triquetra**
ericoides L. = **Stilbe ericoides**
- esterhuyseniae** Hilliard
Perennial. Dwarf shrub. Ht up to 1 m? Alt \pm 1980 m. WC
- exigua** Hilliard
Perennial. Dwarf shrub. Ht \pm 0.25 m. Alt \pm 760 m. WC, EC
- farrago** Hilliard
Perennial. Dwarf shrub. Ht 0.6–1 m. Alt \pm 915 m. NC
fasciculata L. = **Pseudoselago serrata**
fasciculata L. var. α *glabra* E.Mey. subvar. b E.Mey. = **Pseudoselago recurvifolia**
fasciculata L. var. β *hirta* (Choisy not of L.f.) E.Mey. = **Pseudoselago quadrangularis**
fasciculata L. var. β *hirta* (Choisy not of L.f.) E.Mey. subvar. b E.Mey. = **Pseudoselago peninsulae**
fasciculata L. var. β *lanceolata* Walp., naked name = **Pseudoselago rapunculoides**
- ferruginea** Rolfe
S. leptostachya E.Mey. var. *eckloniana* Choisy (12)
Perennial. Dwarf shrub. Ht 0.3–? m. Alt? WC
- flanagani** Rolfe
S. lithospermoides Rolfe (3)
Perennial. Dwarf shrub. Ht \pm 1–1.5 m. Alt 2200–3300 m. KZN, L, EC
- florifera** Hilliard
Perennial. Dwarf shrub. Ht? Alt? NC
- foliosa** Rolfe
Perennial. Herb. Ht 0.65–? m. Alt 335–915 m. KZN, EC
- forbesii* Rolfe = **S. canescens**
- fourcadei** Hilliard
Perennial. Dwarf shrub. Ht \pm 0.15–0.6 m. Alt 300–1300 m. WC
- fruticosa** L.
S. fruticosa L.: Rolfe (1901) in part (12)
S. fruticulosa Rolfe in part (12)
Perennial, but sometimes flowering when 1-stemmed. Dwarf shrub. Ht \pm 0.15–0.45 m. Alt 0–650 m. WC
fruticosa L.: Rolfe (1901) in part = **S. fruticosa**
fruticosa of author, not of L.: Rolfe (1901) in part, misapplied name = **S. nigrescens**
fruticosa of author, not of L.: Rolfe (1901) in part, misapplied name = **S. pinea**
fruticulosa Rolfe in part = **S. fruticosa**
fruticulosa Rolfe in part = **S. neglecta**
fruticulosa Rolfe in part = **S. pinea**
fulvomaculata Link = **Pseudoselago spuria**
- galpinii** Schltr.
S. cooperi Rolfe (3)
S. sandersonii Rolfe (3)
?*S. schlechteri* Rolfe (12)
- Perennial. Herb becoming very woody. Length \pm 0.15–0.5 m. Alt 1500–2575 m. M, FS, KZN, L, EC
- geniculata** L.f.
S. geniculata L.f.: Choisy (1848) in part (12)
S. leptostachya E.Mey. (12)
Walafrida geniculata (L.f.) Rolfe (12)
Perennial. Dwarf shrub. Ht \pm 0.1–0.5 m. Alt 0–1500 m. NW, FS, NC, WC, EC
geniculata L.f.: Choisy (1848) in part = **S. geniculata**
gillii Hook. = **S. myrtifolia**
- glabrata** Choisy
S. glabrata Choisy in part, excluding synonym Thunb. & var. β ; Choisy (1848) in part; Rolfe (1901) in part (12)
Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 48–1525 m. NC, WC
glabrata Choisy in part = **S. canescens**
glabrata Choisy in part, excluding synonym Thunb. & var. β ; Choisy (1848) in part; Rolfe (1901) in part = **S. glabrata**
glabrata Choisy unnamed var. Choisy (1848) in part = **S. confusa**
glabrata of author, not of Choisy: Rolfe (1901) in part, misapplied name = **S. canescens**
glabrata of author, not of Choisy: Rolfe (1901) in part, misapplied name = **S. parvibractea**
- glandulosa** Choisy
S. dregei Rolfe in part (12)
Perennial. Dwarf shrub. Ht \pm 0.3–0.5 m. Alt 0–200 m. WC
- gloiodes** Hilliard
Perennial. Dwarf shrub, herb. Ht \pm 0.15–0.45 m. Alt 850–1200 m. WC
- glomerata* of author, not of Thunb.: Rolfe (1901) in part, misapplied name = **S. mediocris**
- glomerata** Thunb.
S. glomerata Thunb.: Rolfe (1901) in part (12)
Perennial. Dwarf shrub, shrub. Ht \pm 0.3–1.2 m. Alt 0–800 m. WC, EC
glomerata Thunb.: Rolfe (1901) in part = **S. glomerata**
glutinosa E.Mey. in part = **S. dregeana**
- glutinosa** E.Mey. subsp. **cylindriphylla** Hilliard
S. glutinosa of author, not of E.Mey.: Rolfe (1901) in part, misapplied name (12)
Perennial. Dwarf shrub, shrub. Ht \pm 0.4–1 m. Alt 300–1400 m. NC, WC
- glutinosa** E.Mey. subsp. **glutinosa** in part
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 825–1675 m. NC, WC
glutinosa of author, not of E.Mey.: Rolfe (1901) in part, misapplied name = **S. dregeana**
glutinosa of author, not of E.Mey.: Rolfe (1901) in part, misapplied name = **S. glutinosa** var. **cylindriphylla**
glutinosa of author, not of E.Mey.: Rolfe (1901) in part, misapplied name = **S. scabribractea**
glutinosa of author, not of E.Mey.: Rolfe (1901) in part, misapplied name = **S. trichophylla**
- gracilis** (Rolfe) Hilliard
Walafrida gracilis Rolfe (12)
Walafrida pubescens Rolfe (12)
Walafrida squarrosa Rolfe (47)

- Perennial. Dwarf shrub. Ht 0.1–0.45 m. Alt 0–1400 m. WC, EC
- grandiceps** Hilliard
Perennial. Dwarf shrub, herb. Ht 0.3–0.35 m. Alt 100–370 m. WC
- griquana** Hilliard
Perennial. Herb. Ht? Alt 1432–1500 m. KZN
- guttata** E.Mey. = **Pseudoselago guttata**
- hamulosa** E.Mey. = **Cromidon hamulosum**
- herbacea** Choisy: excluding synonym *S. lobeliacea*
Hochst. = **Phyllopodium cuneifolium**
- hermannioides** E.Mey.
Perennial. Dwarf shrub. Length 0.15–0.35 m. Alt 600–1500 m. NC
- hermannioides* of author, not of E.Mey.: Rolfe (1901) in part, misapplied name = **S. albida**
- heterophylla* of authors, not of Thunb.: E.Mey. (1838); Choisy (1848), misapplied name = **Pseudoselago similis**
- heterophylla* Rolfe, not of Thunb., illegitimate name, in part = **Pseudoselago ascendens**
- heterophylla* Rolfe, not of Thunb., illegitimate name, in part = **Pseudoselago similis**
- heterophylla* Thunb. = **Pseudoselago spuria**
- heterotricha** Hilliard
Perennial. Dwarf shrub. Ht ± 0.2 m. Alt? WC
- hirta** L.f. = **Chenopodiopsis hirta**
- hirta* of author, not of L.f.: Choisy (1823), misapplied name = **Pseudoselago quadrangularis**
- hispida** L.f.
Perennial. Dwarf shrub. Ht ± 0.25–0.35 m. Alt? WC
- hispida* L.f. var. *major* Choisy = **Globulariopsis stricta**
- hispida* L.f. var. *nana* Choisy = **Globulariopsis stricta**
- hispida* Sieb. ex Choisy, not of L.f. = **Dischisma capitatum**
- hoepfneri* Rolfe in part = **S. welwitschii** var. **welwitschii**
- holubii* Rolfe in part = **S. welwitschii** var. **holubii**
- humilis* Rolfe = **Pseudoselago humilis**
- hyssopifolia* E.Mey. in part = **S. tarachodes**
- hyssopifolia** E.Mey. subsp. **hyssopifolia**
Perennial. Herb. Ht ± 0.6–1.5 m. Alt 0–700 m. KZN, EC
- hyssopifolia** E.Mey. subsp. **retrotricha** Hilliard
Perennial. Herb. Ht 0.15–1.2 m. Alt 300–1830 m. KZN, EC
- hyssopifolia* of author, not of E.Mey.: Rolfe (1901) in part, misapplied name = **S. acutibractea**
- immersa** Rolfe
Perennial. Woody herb. Ht ± 0.3–0.6 m. Alt 1500–2440 m. KZN, EC
- impedita** Hilliard
Perennial, but sometimes appearing annual. Herb, dwarf shrub. Length ± 0.11–0.45 m. Alt 0–1300 m. WC
- inaequifolia** Hilliard
Perennial. Dwarf shrub. Ht 0.4–? m. Alt ± 20 m. WC
- incisa* Hochst. = **Pseudoselago ascendens**
- inconstans** Hilliard
Perennial. Herb, dwarf shrub. Length ± 0.15–0.35 m. Alt ± 1500 m. EC
- innata** Markötter
Perennial. Herb. Ht ± 0.3–0.6 m. Alt ± 1800–2600 m. FS, KZN, L
- intermedia** Hilliard
Perennial. Dwarf shrub. Ht 0.3–? m. Alt ± 600 m. EC
- junodii* of author, not of Rolfe: Compton (1976) in part, misapplied name = **S. compacta**
- junodii* of author, not of Rolfe: Compton (1976) in part, misapplied name = **S. stewartiae**
- junodii* Rolfe = **S. rehmannii**
- karooica** Hilliard
Perennial. Dwarf shrub. Ht ± 0.12–0.8 m. Alt ± 900–1500 m. WC, EC
- kurtdinteri** Hilliard
Walafriada angolensis of author, not of (Rolfe) Rolfe: Philcox (1990) in part, misapplied name (12)
- Walafriada paniculata* of author, not of (Thunb.) Rolfe: Merxmüller & Roessler (1967), misapplied name (11)
- Perennial. Dwarf shrub. Ht ± 0.15–0.6 m. Alt? N, B
- lacunosa** Klotzsch
Walafriada lacunosa (Klotzsch) Rolfe (12)
- Perennial, but sometimes appearing annual. Herb. Ht ± 0.15–0.6 m. Alt 490–1580 m. B, LIM, NW, M, G
- lamprocarpa** Schltr. ex Rolfe
Perennial. Dwarf shrub. Ht up to 1 m. Alt 900–1800 m. WC
- lamprocarpa* Schltr. ex Rolfe var. *major* Schltr. ex Rolfe = **S. oresigena**
- lanceolata* Choisy in part = **Pseudoselago burmannii**
- lanceolata* Choisy in part = **Pseudoselago rapunculoides**
- laxiflora* Choisy = **Globulariopsis tephrodes**
- lepida** Hilliard
S. albida of author, not of Choisy: Rolfe (1901) in part, misapplied name (47)
- Perennial. Dwarf shrub. Ht ± 0.1–0.6 m. Alt 1000–2000 m. N
- lepidioides* Rolfe = **S. peduncularis**
- leptostachya* E.Mey. = **S. geniculata**
- leptostachya* E.Mey. var. *eckloniana* Choisy = **S. ferruginea**
- leptothrix** Hilliard
Perennial. Herb. Length ± 0.3 m. Alt 2100–2500 m. EC
- levynsiae** Hilliard
S. scabrida of author, not of Thunb.: Levyns (1950), misapplied name (12)
- Perennial. Dwarf shrub. Ht ± 0.15–0.4 m. Alt 245–610 m. WC
- linearifolia** Rolfe
Perennial. Dwarf shrub. Ht? Alt 90–185 m. WC
- linearis** Rolfe
?S. diffusa Hochst., not of Thunb. (1, 12)
- Walafriada diffusa* Rolfe (12)
- Perennial. Herb, eventually dwarf shrub. Ht ± 0.2–0.5 m. Alt 0–900 m. WC, EC

lithospermoides Rolfe = **S. flanaganii**

?*lobeliacea* Hochst. (type lost in Berlin) = **Pseudo-selago peninsulæ**

longicalyx Hilliard

Perennial. Herb. Length \pm 0.3–0.9 m. Alt 1300–2200 m. M, FS, KZN

longiflora Rolfe

Annual? Herb. Ht? Alt 900–1500 m. KZN

longipedicellata Rolfe

Perennial. Herb. Ht \pm 0.3–0.6 m. Alt 900–1600 m. KZN

longituba Rolfe = **Tetrasselago longituba**

lucida Vent. = **Microdon parviflorus**

luxurians Choisy (Choisy in part)

S. dregei Rolfe in part (12)

Perennial, but sometimes appearing annual. Herb, dwarf shrub, shrub. Ht \pm 0.3–1 m. Alt 0–1500 m. WC, EC

luxurians Choisy in part = **S. brevifolia**

lychnidea L. = **Lyperia lychnidea**

lydenburgensis Rolfe

Perennial. Herb. Length 0.15–0.6 m. Alt 1800–2400 m. LIM, M

magnakarooica Hilliard

Perennial. Dwarf shrub. Ht \pm 0.05–0.3 m. Alt 1080–1675 m. NC, WC, EC

marlothii Hilliard

Perennial. Dwarf shrub. Ht? Alt? EC

mediocris Hilliard

S. glomerata of author, not of Thunb.: Rolfe (1901) in part, misapplied name (12)

Perennial. Dwarf shrub, shrub. Ht up to 1 m. Alt 750–900 m. EC

melliodora Hilliard

Perennial. Herb. Ht \pm 0.2–1 m. Alt \pm 2400–2800 m. KZN, L, EC

meyeri Choisy = **S. canescens**

micradenia Hilliard

Perennial. Dwarf shrub. Length \pm 0.15–0.4 m. Alt 400–800 m. WC

micrantha Choisy in part = **S. paniculata**

minutissima Choisy = **S. divaricata**

mixta Hilliard

Walafrida paniculata (Thunb.) Rolfe in part (12)

Perennial. Herb. Ht \pm 0.1–0.4 m. Alt 1280–1525 m. NW, FS, NC

monticola J.M.Wood & M.S.Evans

Perennial. Herb. Ht 0.3–1 m. Alt 1400–2440 m. KZN, EC?

montis-shebae Brenan = **Tetrasselago longituba**

morrisii Rolfe

Perennial. Dwarf shrub. Ht \pm 0.15–0.6 m. Alt 250–600 m. NC

mucronata Hilliard

Perennial. Dwarf shrub. Ht \pm 0.2–0.75 m. Alt 600–1000 m. WC

muddii Rolfe = **S. atherstonei**

multiflora Hilliard

Perennial. Dwarf shrub, herb. Ht \pm 0.2–0.5 m. Alt 500–1000 m. NC, WC

multispicata Hilliard

Walafrida nachtigalii (Rolfe) Rolfe in part (12)

Walafrida paniculata (Thunb.) Rolfe in part (12)

Walafrida polystachya Rolfe in part, not *S. polystachya* L. (12)

Perennial. Herb. Length 0.06–0.3 m. Alt \pm 460–2100 m. EC

mundii Rolfe in part

S. pinea of author, not of Link: Rolfe (1901) as '*spinea*', in part (12)

S. polystachya of author, not of L.: Rolfe (1901) in part, misapplied name (12)

Perennial. Shrub. Ht up to 1.2 m. Alt \pm 300–400 m. WC

mundii Rolfe in part = **S. aspera**

myriophylla Hilliard

Perennial. Shrub. Ht up to 1 m. Alt 750–1500 m. WC, EC

myrtifolia Rchb.

S. gillii Hook. (12)

S. nitida (E.Mey.) Schltr. (12)

S. ohlendorffiana Lehm. (12)

Walafrida myrtifolia (Rchb.) Rolfe (12)

Walafrida nitida E.Mey.; Rolfe (1901) in part (12)

Walafrida trimera Hochst. (12)

Perennial. Dwarf shrub. Ht \pm 0.15–0.7 m. Alt 0– \pm 800 m. EC

nachtigalii Rolfe

Walafrida nachtigalii (Rolfe) Rolfe in part (12)

Perennial? Herb. Length \pm 0.15–0.3 m. Alt 1300–? m. N

namaquensis Schltr.

Perennial. Dwarf shrub. Length \pm 0.11–0.3 m. Alt 85–825 m. NC, WC

natalensis Rolfe = **Tetrasselago natalensis**

neglecta Hilliard

S. fruticulosa Rolfe in part (12)

Perennial. Dwarf shrub. Ht \pm 0.3–0.5 m. Alt 30–50 m. WC

nelsonii Rolfe = **Tetrasselago nelsonii**

nigrescens Rolfe

S. fruticosa of author, not of L.: Rolfe (1901) in part, misapplied name (12)

Perennial, but sometimes appearing annual. Dwarf shrub, herb. Ht \pm 0.35–0.55 m. Alt \pm 100–700 m. WC

nigromontana Hilliard

Perennial. Dwarf shrub, herb. Length \pm 0.3–0.5 m. Alt \pm 1800–2000 m. WC

nitida (E.Mey.) Schltr. = **S. myrtifolia**

nutans Rolfe = **Glumicalyx nutans**

ohlendorffiana Lehm. = **S. myrtifolia**

oppositifolia Hilliard

Perennial. Herb, dwarf shrub. Length \pm 0.06–0.09 m. Alt 1500–2100 m. WC

oresigena Compton

S. lamprocarpa Schltr. ex Rolfe var. *major* Schltr. ex Rolfe (12)

Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 1525–2075 m. WC

ovata (L.) Aiton = **Microdon capitatus**

ovata Rolfe, not of (L.) Aiton, later homonym = **S. pinquicula**

pachypoda Rolfe*S. villicalyx* Rolfe (12)Perennial. Herb. Length \pm 0.25–0.4 m. Alt 1500–2000 m. KZN, EC*pallida* Salisb., illegitimate name = **Pseudoselago spuria****paniculata** Thunb.*S. choisiana* E.Mey. (12)*S. micrantha* Choisy in part (12)*Walafrida micrantha* (Choisy) Rolfe in part (12)*Walafrida paniculata* (Thunb.) Rolfe in part (12)Perennial, but sometimes appearing annual. Herb. Length \pm 0.15–0.45 m. Alt 230–1500 m. FS, NC, EC**parvibractea** Hilliard*S. glabrata* of author, not of Choisy: Rolfe (1901) in part, misapplied name (12)Perennial. Dwarf shrub. Ht \pm 0.3–0.6 m. Alt 0–1300 m. WC**peduncularis** E.Mey.*S. lepidioides* Rolfe (12)*S. woodii* Rolfe (12)

Perennial?, but flowering as seedling. Herb. Length 0.15–1 m. Alt 0–500 m. KZN, EC

pentheri Gand. = **Pseudoselago serrata****perplexa** Hilliard*S. albida* of author, not of Choisy: Rolfe (1901) in part, misapplied name (12)

Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt 900–1700 m. WC

persimilis HilliardPerennial. Dwarf shrub. Ht 0.4–? m. Alt \pm 1520 m. NC, EC*phyllopodiioides* Schltr. = **Phyllopodium phyllopodiioides***pinastra* L. = **Stilbe vestita***pinea* Drège = **S. eckloniana****pinea** Link (often as ‘*spinea*’)*S. fruticosa* of author, not of L.: Rolfe (1901) in part, misapplied name (12)*S. fruticulosa* Rolfe in part (12)

Perennial. Dwarf shrub, herb. Ht 0.3–? m. Alt 200–300 m. WC

pinea of author, not of Link: Rolfe (1901) as ‘*spinea*’, in part = **S. mundii****pinguicula** E.Mey.*S. ovata* Rolfe, not of (L.) Aiton, later homonym (12)? *S. robusta* Rolfe (12)Perennial. Dwarf shrub. Length \pm 0.15–0.35(–1?) m. Alt 640–1250 m. NC**polycephala** Otto ex Walp.*Walafrida polycephala* (Otto ex Walp.) Rolfe in part (12)*Walafrida witbergensis* (E.Mey.) Rolfe in part (12)Perennial. Suffrutex. Ht \pm 0.15–0.4 m. Alt up to 50 m. EC**polygala** S.Moore

Perennial. Dwarf shrub. Length 0.15–0.35 m. Alt 900–1200 m. NC, WC

polygaloides L.f. = **Microdon polygaloides****polystachya** L.*S. corymbosa* L. var. *polystachya* (L.) E.Mey. in part (12)Perennial. Dwarf shrub. Ht \pm 0.2–0.4 m. Alt 0–300 m. WC*polystachya* of author, not of L.: Rolfe (1901) in part, misapplied name = **S. mundii***polystachya* of author, not of L.: Rolfe (1901) in part, misapplied name = **S. psammophila****praetermissa** HilliardPerennial, but sometimes appearing annual. Herb, dwarf shrub. Length 0.05– \pm 0.5 m. Alt 700–800 m. NC, WC**procera** Hilliard*S. elata* Rolfe, not of Choisy (12)Perennial. Herb. Ht \pm 0.4– \pm 2 m. Alt \pm 900–1800 m. LIM, M, S**prostrata** HilliardPerennial. Dwarf shrub. Length \pm 0.3–? m. Alt? WC**psammophila** Hilliard*S. polystachya* of author, not of L.: Rolfe (1901) in part, misapplied name (12)Perennial. Herb, dwarf shrub. Length \pm 0.3–0.45 m. Alt 15–305 m. WC**pterophylla** Otto ex Sweet, naked name (insufficiently known) (12)*pubescens* Rolfe = **S. burchellii***pulchella* Salisb., illegitimate name = **Pseudoselago rapunculoides****punctata** Rolfe

Perennial. Herb. Ht 0.15–0.35 m. Alt 1980–2010 m. EC

purpurea Cels, naked name (insufficiently known) (12)**pustulosa** HilliardPerennial. Dwarf shrub. Ht \pm 0.3–0.5 m. Alt \pm 760–1000 m. WC*quadrangularis* Choisy: Rolfe (1901) in part = **Pseudoselago quadrangularis***quadrangularis* of author, not of Choisy: Rolfe (1901) in part, misapplied name = **Pseudoselago peninsulae***racemosa* Bernh. = **S. trinervia****ramosissima** Rolfe*S. ramosissima* Rolfe in part (12)Perennial. Dwarf shrub. Ht \pm 0.1–0.25 m. Alt 0–150 m. WC*ramosissima* Rolfe in part = **S. ramosissima***ramosissima* Rolfe in part = **S. thomii***ramulosa* E.Mey., not of Link = **S. canescens**? *ramulosa* Link, not of E.Mey. = **Pseudoselago verbenacea***rapunculoides* L. = **Pseudoselago rapunculoides***rapunculoides* L. var. *β densifolia* (Hochst.) Choisy = **Pseudoselago densifolia****recurva** E.Mey.*S. albanensis* Schltr. (12)*Walafrida albanensis* (Schltr.) Rolfe (12)*Walafrida recurva* (E.Mey.) Rolfe (12)Perennial. Suffrutex. Ht \pm 0.3–0.6 m. Alt up to 300 m. EC**rehmannii** Rolfe*S. junodii* Rolfe (12)Perennial. Herb. Length \pm 0.15–0.4 m. Alt 1100–2200 m. LIM

retropilosa Hilliard

Perennial. Dwarf shrub. Ht \pm 0.12–0.2 m. Alt \pm 1830 m. EC

rigida Rolfe

Walafrida loganii Hutch. (12)

Walafrida rigida (Rolfe) Hutch. (12)

Perennial. Dwarf shrub. Ht \pm 0.2–0.6 m. Alt 1200–1700 m. NC

?*robusta* Rolfe = **S. pinguicula**

rotundifolia L.f.

Walafrida rotundifolia (L.f.) Rolfe (12)

Perennial. Suffrutex, dwarf shrub. Ht 0.8–? m. Alt 90–210 m. WC, EC

rubromontana Hilliard

Perennial. Dwarf shrub. Ht \pm 0.5 m. Alt 600–1500 m. WC

rudolphii (Hiern) Levyns = **Pseudoselago humilis**

rustii Rolfe = **Phyllopodium rustii**

sandersonii Rolfe = **S. galpinii**

saundersiae Rolfe = **S. capitellata**

saxatilis E.Mey.

S. appressa of author, not of Choisy: E.Mey. (1838), misapplied name (12)

Walafrida basutica E.Phillips (12)

Walafrida saxatilis (E.Mey.) Rolfe (12)

Perennial. Dwarf shrub. Length 0.1–0.5 m. Alt 1300–2300 m. FS, L, NC, EC

scabribractea Hilliard

S. glutinosa of author, not of E.Mey.: Rolfe (1901) in part, misapplied name (12)

Perennial. Dwarf shrub. Ht up to 1 m. Alt (250–) 800–900 m. NC, WC

scabrida of author, not of Thunb.: Levyns (1950), misapplied name = **S. levynsiae**

scabrida of author, not of Thunb.: Rolfe (1901) in part, misapplied name = **S. speciosa**

scabrida Thunb.

S. cylindrica Levyns (12)

Perennial. Herb, dwarf shrub. Ht \pm 0.15–0.4 m. Alt 0–500 m. WC

schlechteri Rolfe = **S. galpinii**

serrata P.J.Bergius: Rolfe (1901) in part, and Stapf (1932), both excluding *S. lanceolata* Choisy = **Pseudoselago serrata**

seticaulis Hilliard

Perennial. Dwarf shrub. Ht \pm 0.12–0.45 m. Alt 90–900 m. WC

setulosa Rolfe

Perennial. Herb, dwarf shrub. Ht 0.1–0.4 m. Alt 0– \pm 200 m. WC

singularis Hilliard

Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 580–1000 m. WC

speciosa Rolfe

S. scabrida of author, not of Thunb.: Rolfe (1901) in part, misapplied name (12)

Perennial. Dwarf shrub. Ht \pm 0.3–0.45 m. Alt 1200–2000 m. FS, L, NC, EC

spectabilis Hilliard

Perennial. Dwarf shrub. Ht \pm 0.15–0.5 m. Alt 900–1500 m. NC

spicata Link. = **Microdon polygaloides**

spinea Link (typographical error), see **S. pinea** (12)

spuria L. = **Pseudoselago spuria**

spuria of author, not of L.: Rolfe (1901) in part, misapplied name = **Pseudoselago densifolia**

spuria of author, not of L.: Rolfe (1901) in part, misapplied name = **Pseudoselago gracilis**

spuria of author, not of L.: Rolfe (1901) in part, misapplied name = **Pseudoselago rapunculoides**

spuria of author, not of L.: Rolfe (1901) in part, misapplied name = **Pseudoselago subglabra**

squarrosa Choisy = **Hebenstretia ramosissima**

stenostachya Hilliard

Perennial. Dwarf shrub. Length 0.3?–? m. Alt up to 300 m. WC

stewartii S.Moore

S. junodii of author, not of Rolfe: Compton (1976) in part, misapplied name (12)

Perennial. Herb. Ht 0.35–0.8 m. Alt \pm 900–1600 m. M, S

stricta P.J.Bergius = **Globulariopsis stricta**

subspinosa Hilliard

Perennial. Dwarf shrub. Ht \pm 0.12–0.35 m. Alt 900–1300 m. NC, WC

swaziensis Rolfe

Perennial. Suffrutex. Length \pm 0.2–0.45 m. Alt 1150–1465 m. S

tarachodes Hilliard

S. hyssopifolia E.Mey. in part (12)

Perennial. Herb. Length 0.2–1.2 m. Alt \pm 0– \pm 600 m. KZN, EC

tenuifolia (Rolfe) Hilliard

S. densiflora Rolfe in part (12)

Walafrida densiflora (Rolfe) Rolfe in part (12)

Walafrida tenuifolia Rolfe (12)

Perennial. Herb. Ht \pm 0.15–0.5 m. Alt 1200–1650 m. LIM, NW, G, M

tenuis E.Mey.

Perennial. Dwarf shrub. Ht? Alt 610–915 m. NC

tephrodes E.Mey. in part = **Globulariopsis adpressa**

tephrodes E.Mey. in part = **Globulariopsis stricta**

tephrodes E.Mey. in part = **Globulariopsis tephrodes**

?*teretifolia* Link (type lost in Berlin) = **Pseudoselago rapunculoides**

teretifolia Walp., not of Link = **S. walpersii**

teucრიifolia Burm.f., insufficiently known (12)

thermalis Hilliard

Perennial. Dwarf shrub. Ht \pm 0.15–0.6 m. Alt 500–900 m. NC, EC

thomii Rolfe

S. ramosissima Rolfe in part, misapplied name (12)

Perennial. Dwarf shrub. Ht \pm 0.06–0.3 m. Alt 0–1000 m. WC

thunbergii Choisy = **S. canescens**

tomentosa L. = **Manulea tomentosa**

transvaalensis Rolfe = **Tetraselago nelsonii**

trauseldii Killick

Perennial. Herb. Length 0.3–0.75 m. Alt \pm 1500–2400 m. KZN

trichophylla Hilliard

S. glutinosa of author, not of E.Mey.: Rolfe (1901) in part, misapplied name (12)

Perennial. Dwarf shrub. Ht ± 0.35–0.6 m. Alt 425–900 m. WC

trinervia E.Mey.

S. racemosa Bernh. (3)

S. tysonii Rolfe (3)

Perennial. Herb. Length 0.15–0.75 m. Alt 0–2200 m. KZN, EC

triquetra L.f.

?*S. ericina* E.Mey. (12)

Perennial. Dwarf shrub. Ht ± 0.15–0.3 m. Alt 250–750 m. WC

triquetra of author, not of L.f.: Rolfe (1901) in part, misapplied name = **S. cupressoides**

tysonii Rolfe = **S. trinervia**

valliscitri Hilliard

Perennial. Dwarf shrub. Ht 0.2–? m. Alt? WC

variicalyx Hilliard

Perennial. Herb. Ht ± 0.3–1 m. Alt 610–760 m. EC

venosa Hilliard

Perennial. Dwarf shrub. Ht ± 0.3–1.5 m. Alt 450–1800 m. WC

verbenacea L.f.; Rolfe (1901) in part = **Pseudoselago verbenacea**

verbenacea L.f. var. *β villosa* Choisy = **Pseudoselago verbenacea**

verbenacea of author, not of L.f.: Rolfe (1901) in part, misapplied name = **Pseudoselago candida**

verna Hilliard

S. albida of author, not of Choisy: Rolfe (1901) in part, misapplied name (12)

Perennial. Dwarf shrub. Ht 0.2–0.75 m. Alt 900–1100 m. NC

villicalyx Rolfe = **S. pachypoda**

villicaulis Rolfe

Perennial. Herb. Ht ± 0.2–0.6 m. Alt up to 185 m. WC

villosa Rolfe

Perennial. Herb. Length 0.15–0.45 m. Alt 1200–1650 m. M, S

walpersii Choisy (insufficiently known) (12)

S. teretifolia Walp., not of Link (1, 15)

welwitschii Rolfe var. **australis** Hilliard

S. welwitschii Rolfe var. *welwitschii* of author, not of Rolfe: Philcox (1990) in part, misapplied name (12)

Perennial, but sometimes appearing annual. Suffrutex. Length ± 0.2–0.9 m. Alt 370–1430 m. N, LIM, FS, NC

welwitschii Rolfe var. **holubii** (Rolfe) Brenan

S. holubii Rolfe in part (12)

Perennial. Herb, dwarf shrub. Length ± 0.12–0.75 m. Alt 1005–1100 m. N, B, NW

welwitschii Rolfe var. **welwitschii**

S. hoepfneri Rolfe in part (12)

S. welwitschii Rolfe var. *welwitschii*: Philcox (1990) in part (12)

Perennial. Herb, dwarf shrub. Length ± 0.12–0.75 m. Alt ± 885 m. N

welwitschii Rolfe var. *welwitschii*: Philcox (1990) in part = **S. welwitschii** var. **welwitschii**

welwitschii Rolfe var. *welwitschii* of author, not of Rolfe: Philcox (1990) in part, misapplied name = **S. welwitschii** var. **australis**

wilmsii Rolfe = **Tetraselago wilmsii**

witbergensis E.Mey.

Walafrida witbergensis (E.Mey.) Rolfe in part (12)

Perennial. Dwarf shrub. Length 0.1–0.35 m. Alt 1800–3300 m. KZN, L, EC

wittebergensis Compton, not *Globulariopsis wittebergensis* Compton = **Globulariopsis montana**

woodii Rolfe = **S. peduncularis**

zeyheri Choisy

Walafrida zeyheri (Choisy) Rolfe in part (12)

Walafrida zuurbergensis Rolfe (12)

Perennial. Suffrutex. Length ± 0.15–0.5 m. Alt 0–600 m. EC

zeyheri Rolfe, not of Choisy (1848) = **S. acocksii**

zuluensis Hilliard

Perennial. Herb. Length ± 0.3–1 m. Alt 300–600 m. KZN

SPHENANDRA Benth. 7520000

cinerea Engl. = **Sutera halimifolia**

coerulea (L.f.) Kuntze = **Sutera caerulea**

viscosa (Aiton) Benth. = **Sutera caerulea**

STEMODIACRA Kuntze. 7534000

ceratophylloides Hiern = **Limnophila ceratophylloides**

STEMODIOPSIS Engl. 7535000

(1) Skan. 1906. In Hemsley & Skan, *FTA* 4,2: 314–316.

(2) Philcox. 1990. *FZ* 8,2: 40–43.

(3) Fischer. 1997. *Botanische Jahrbücher* 119,3: 305–326.

humilis Skan = **S. rivae**

rivae Engl.

S. humilis Skan (4)

Perennial. Herb, suffrutex. Ht ± 0.05–0.08 m. Alt 400–1675 m. LIM, S

STROBILOPSIS Hilliard & B.L.Burt 7593020

(1) Hilliard & Burt. 1977. *Notes from the Royal Botanic Garden Edinburgh* 35: 160–162, 172–175.

(2) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 532–534.

wrightii Hilliard & B.L.Burt

Annual or perennial. Herb. Ht up to 0.45 m. Alt 2200–2500 m. KZN, L

SUTERA Roth (1807 not 1821) 7519000

(1) Hiern. 1904. *FC* 4,2: 243–310. (Often cited as 'p.p.' (in part) by Hilliard (1994), not all listed here.)

(2) Skan. 1906. In Hemsley & Skan, *FTA* 4,2: 299–310.

(3) Merxmüller & Roessler. 1967. *FSWA* 126: 43–56.

(4) Hilliard & Burt. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40,2: 291–293.

(5) Hilliard & Burt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43,2: 216, 217.

(6) Philcox. 1990. *FZ* 8,2: 26–33

(7) Hilliard. 1991. *Edinburgh Journal of Botany* 48,3: 342–346.

(8) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 228–291.

(9) Retief & Herman. 1997. *Strelitzia* 6: 615, 616.

(10) Goldblatt & Manning. 2000. *Strelitzia* 9: 669–671.

accrescens Hiern = **Jamesbrittenia accrescens**

acutiloba (Pilg.) Overkott ex Roessler = **Jamesbrittenia acutiloba**

adpressa Dinter = **Jamesbrittenia adpressa**

aethiopica (L.) Kuntze

Buchnera aethiopica L. (1)

Chaenostoma aethiopicum (L.) Benth. in part (8)

Chaenostoma fastigiatum Benth., excluding synonym *Manulea cephalotes* Thunb. (8)

Chaenostoma fastigiatum Benth. var. *glabratum* Benth., name only in part (8)

Manulea aethiopica (L.) Thunb. (8)

Polycarena aethiopica (L.) Druce (8)

S. aethiopica (L.) Kuntze: Hiern (1904) in part (8)

S. cephalotes Hiern, illegitimate name, not of (Thunb.) Kuntze (8)

S. cephalotes Hiern var. *glabrata* Hiern (8)

S. fastigiata (Benth.) Druce (8)

Perennial. Dwarf shrub. Length 0.15–0.3 m. Alt 50–1220 m. WC

aethiopica (L.) Kuntze: Hiern (1904) in part = **S. aethiopica**

aethiopica of author, not of (L.) Kuntze: Hiern (1904) in part, misapplied name = **S. hispida**

aethiopica of author, not of (L.) Kuntze: Hiern (1904) in part, misapplied name = **S. subspicata**

affinis (Bernh.) Kuntze

Chaenostoma affine Bernh. (1)

Chaenostoma denudatum Benth. in part (8)

S. affinis (Bernh.) Kuntze: Hiern (1904) in part (8)

Perennial. Herb. Length 0.15–0.3 m. Alt 550–1220 m. WC

affinis (Bernh.) Kuntze: Hiern (1904) in part = **S. affinis**

affinis of author, not of (Bernh.) Kuntze: Hiern (1904) in part, misapplied name = **S. calciphila**

affinis of author, not of (Bernh.) Kuntze: Hiern (1904) in part, misapplied name = **S. hispida**

albiflora I. Verd. = **Jamesbrittenia albiflora**

altoplana Hiern = **Jamesbrittenia tysonii**

amplexicaulis (Benth.) Hiern = **Jamesbrittenia amplexicaulis**

amplexicaulis of author, not of (Benth.) Hiern: Hemsley & Skan (1906) in part, misapplied name = **Jamesbrittenia maxii**

amplexicaulis of author, not of (Benth.) Hiern: Merxmüller & Roessler (1967), misapplied name = **Jamesbrittenia bicolor**

annua (Schltr. ex Hiern) Hiern in part = **Manulea paucibarbata**

annua (Schltr. ex Hiern) Hiern in part and excluding var. *laxa* (Schltr. ex Hiern) Hiern = **Manulea annua**

annua Hiern var. *laxa* Schltr. ex Hiern = **Manulea paucibarbata**

antirrhinoides (L.f.) Hiern in part = **Lyperia antirrhinoides**

antirrhinoides of author, not of (L.f.) Hiern.: Levyns (1950), misapplied name = **Lyperia violacea**

archeri Compton

Perennial. Dwarf shrub. Ht up to 0.35 m. Alt 750–1500 m. WC

arcuata Hiern = **S. floribunda**

argentea (L.f.) Hiern in part = **Jamesbrittenia argentea**

argentea (L.f.) Hiern in part = **Jamesbrittenia foliolosa**

argentea (L.f.) Hiern in part = **Jamesbrittenia integririma**

asbestina Hiern = **Jamesbrittenia integerrima**

aspalathoides (Benth.) Hiern in part = **Jamesbrittenia aspalathoides**

atrocaerulea Fourc. = **Jamesbrittenia tenuifolia**

atrocaerulea Fourc. var. *latifolia* Fourc. = **Jamesbrittenia tenuifolia**

atropurpurea (Benth.) Hiern = **Jamesbrittenia atropurpurea** subsp. **atropurpurea**

atropurpurea (Benth.) Hiern: Philcox (1990) in part and excluding *Lyperia aspalathoides* (Benth.) Hiern = **Jamesbrittenia atropurpurea** subsp. **pubescens**

atropurpurea of authors, not of (Benth.) Hiern: Hemsley & Skan (1906), and others, misapplied name = **Jamesbrittenia huillana**

aurantiaca (Burch.) Hiern; Hiern (1904) in part = **Jamesbrittenia aurantiaca**

ausana Dinter ex Range, name only = **Jamesbrittenia integerrima**

batlapina Hiern = **Jamesbrittenia integerrima**

beverlyana Hilliard & B.L. Burt = **Jamesbrittenia beverlyana**

bicolor Dinter = **Jamesbrittenia bicolor**

blantyreensis Skan = **Jamesbrittenia micrantha**

bolusii Hiern = **Jamesbrittenia micrantha**

brachiata Roth: Hiern (1904) in part = **S. hispida**

bracteolata Hiern = **S. cooperi**

breviflora (Schltr.) Hiern = **Jamesbrittenia breviflora**

brunnea Hiern = **Jamesbrittenia huillana**

brunnea Hiern var. *macrophylla* Hiern in part = **Jamesbrittenia accrescens**

brunnea Hiern var. *macrophylla* Hiern in part = **Jamesbrittenia huillana**

burchellii Hiern = **S. griquensis**

burkeana (Benth.) Hiern in part = **Jamesbrittenia burkeana**

burkeana of author, not of (Benth.) Hiern: Fabian & Germishuizen (1982), misapplied name = **Jamesbrittenia silenoides**

caerulea (L.f.) Hiern (Hiern in part)

Buchnera viscosa Aiton (8)

Erinus viscosus (Aiton) Salisb. (8)

Manulea caerulea L.f. (1)

Manulea rotata Desr. (8)

Manulea viscosa (Aiton) Willd. (8)

Sphenandra coerulea (L.f.) Kuntze (8)

Sphenandra viscosa (Aiton) Benth. (8)

Annual, perennial? Herb. Ht up to 1 m. Alt 60–1400 m. WC, EC

caerulea of author, not of (L.f.) Hiern: Merxmüller & Roessler (1967), misapplied name = **S. patriotica**

calciphila Hilliard

S. affinis of author, not of (Bernh.) Kuntze: Hiern (1904) in part, misapplied name (8)

Perennial. Herb. Ht ± 0.13–0.31 m. Alt up to 80 m. WC

calycina (Benth.) Kuntze

- Chaenostoma calycinum* Benth. (1)
Chaenostoma calycinum Benth. var. *β laxiflorum* Benth. as 'laxiflora', name only, in part (8)
S. calycina (Benth.) Kuntze var. *β laxiflora* (Benth.) Hiern (8)
S. polysepala Hiern (8)
 Perennial. Herb. Length 0.1–0.45 m. Alt 0–2000 m. EC
calycina (Benth.) Kuntze var. *β laxiflora* (Benth.) Hiern = **S. calycina**
- campanulata** (Benth.) Kuntze
Chaenostoma campanulatum Benth. (1)
Chaenostoma polyanthum of authors, not of Benth.: Loudon (1843) and others, misapplied name (8)
Manulea campanulata (Benth.) Kuntze (8)
S. intertexta Hiern (8)
S. roseoflava Hiern in part (8)
 Perennial, but sometimes appearing annual. Herb. Ht ± 0.05–0.45(–0.6) m. Alt up to 700 m. WC, EC
campanulata of author, not of (Benth.) Kuntze: Batten & Bokelmann (1966), misapplied name = **S. polyantha**
- canescens* (Benth.) Hiern, in sense of Hemsley & Skan (1906) in part = **Jamesbrittenia canescens** var. **seineri**
- canescens* (Benth.) Hiern; Merxmüller & Roessler (1967) in part, excluding *Lyperia seineri* Pilg., *L. confusa* Dinter, *L. pilgeriana* Dinter and *S. canescens* (Benth.) Hiern var. *laevior* Dinter = **Jamesbrittenia canescens** var. **canescens**
- canescens* (Benth.) Hiern var. *laevior* Dinter = **Jamesbrittenia canescens** var. **laevior**
- cephalotes* Hiern, illegitimate name, not of (Thunb.) Kuntze = **S. aethiopica**
- cephalotes* Hiern var. *glabrata* Hiern = **S. aethiopica**
- cephalotes* (Thunb.) Kuntze, excluding synonym *Chaenostoma fastigiatum* Benth. = **Manulea cephalotes**
- cinerea** Hilliard
 Perennial. Dwarf shrub. Length 0.15–0.4 m. Alt ± 515–550 m. EC
- compta* Hiern = **S. floribunda**
- comptonii** Hilliard
 Perennial. Dwarf shrub, suffrutex. Ht 0.15–0.25(–0.31) m. Alt 215–690 m. WC
- concinna* Hiern = **Jamesbrittenia concinna**
- cooperi** Hiern
Chaenostoma cooperi (Hiern) Thell. (8)
Chaenostoma cordatum (Thunb.) Benth. var. *β hirsutior* Benth., name only (8)
S. bracteolata Hiern (8)
S. cordata (Thunb.) Kuntze var. *β hirsutior* Hiern (8)
S. cymulosa Hiern (8)
S. latifolia Hiern (8)
 Perennial. Herb. Ht up to 1 m? Alt 1500–1800 m. FS, L, EC
- cordata** (Thunb.) Kuntze
Chaenostoma cordatum (Thunb.) Benth., excluding var. *β hirsutior* Benth. (8)
Chaenostoma pauciflorum Benth. in part (8)
Manulea cordata Thunb. (1)
S. cordata (Thunb.) Kuntze: Hiern (1904) in part and excluding var. *β hirsutior* Hiern (8)
 Perennial. Herb. Length? Alt 10–1000 m. WC, EC
cordata (Thunb.) Kuntze: Hiern (1904) in part and excluding var. *β hirsutior* Hiern = **S. cordata**
- cordata* (Thunb.) Kuntze var. *β hirsutior* Hiern = **S. cooperi**
- corymbosa* (Marloth & Engl.) Hiern = **Camptoloma rotundifolium**
- corymbosa* (Marloth & Engl.) Hiern var. *huillana* (Diels) Hiern = **Camptoloma rotundifolium**
- crassicaulis* (Benth.) Hiern in part and excluding var. *purpurea* Hiern and synonym *Lyperia stricta* Benth. = **Jamesbrittenia crassicaulis**
- crassicaulis* (Benth.) Hiern var. *purpurea* Hiern = **Jamesbrittenia pristisepala**
- cuneata* (Benth.) Kuntze = **S. hispida**
- cymulosa* Hiern = **S. cooperi**
- debilis** Hutch.
S. hereroensis of author, not of (Engl.) Skan: Philcox (1990) in part, misapplied name (8)
 Annual or perennial. Herb. Length ± 0.015–0.45 m. Alt 1450–1980 m. LIM
- decipiens** Hilliard
 Perennial. Herb. Length ± 0.22–0.5 m. Alt 300–1200 m. WC
- densifolia* Hiern = **Jamesbrittenia microphylla**
- dentatisepala* Overkott = **Jamesbrittenia dentatisepala**
- denudata** (Benth.) Kuntze
Chaenostoma denudatum Benth. in part (1)
Chaenostoma glabratum Benth. in part (8)
 Perennial. Herb. Ht 0.15–0.45 m. Alt 230–1000 m. WC, EC
- dielsiana* Hiern = **Jamesbrittenia racemosa**
- dioritica* Dinter = **Jamesbrittenia canescens** var. **canescens**
- ?*divaricata* (Diels) Hiern = **Manulea annua**
- dubia* Skan = **Manulea dubia**
- elegantissima* (Schinz) Skan = **Jamesbrittenia elegantissima**
- elliottensis* Hiern = **Manulea paniculata**
- esculenta* Bond = **Jamesbrittenia incisa**
- fastigiata* (Benth.) Druce = **S. aethiopica**
- filicaulis* (Benth.) Hiern = **Jamesbrittenia filicaulis**
- fissifolia* S. Moore = **Jamesbrittenia micrantha**
- flexuosa* Hiern = **Jamesbrittenia tenella**
- floribunda** (Benth.) Kuntze
Chaenostoma floribundum Benth. (1)
Chaenostoma natalense Bernh. (8)
Manulea floribunda (Benth.) Kuntze (41)
Manulea thyrsiflora L.f. var. *versicolor* Kuntze (8)
S. arcuata Hiern (8)
S. compta Hiern (8)
S. macleana Hiern (8)
S. natalensis (Bernh.) Kuntze (8)
S. noodsbergensis Hiern (8)
S. pulchra Norl. (8)
 Perennial. Herb. Ht up to 1 m. Alt 0–2600 m. LIM, M, FS, KZN, EC
- foetida** Roth
Buchnera foetida Andrews (8, not basionym)
Chaenostoma foetidum (Andrews) Benth. (8)
Manulea aequipetala Sternb. (8)
Manulea alternifolia Pers. (8)
Manulea foetida (Andrews) Pers. (8)
Palmstruckia foetida (Andrews) Retz. (8)

Annual. Herb. Ht 0.15–0.6 m. Alt ± 300–900 m. NC, WC

foliolosa (Benth.) Hiern in part = **Jamesbrittenia foliolosa**

fragilis Pilg. = **Jamesbrittenia fragilis**

fraterna Hiern = **Jamesbrittenia thunbergii**

fruticosa (Benth.) Hiern = **Jamesbrittenia fruticosa**

gariusana Dinter = **Jamesbrittenia sessilifolia**

glabrata (Benth.) Kuntze

Chaenostoma glabratum Benth. in part (8)

S. glabrata (Benth.) Kuntze: Hiern (1904) in part (8)

Perennial. Dwarf shrub, herb. Ht 0.15–0.45 m. Alt ± 500–900 m. WC

glabrata (Benth.) Kuntze: Hiern (1904) in part = **S. glabrata**

glandulifera Hilliard

Perennial. Herb. Ht? Alt 900–2000 m. EC

gossweileri Skan = **Jamesbrittenia heucherifolia**

?*gracilis* (Diels) Hiern = **Jamesbrittenia thunbergii**

grandiflora (Galpin) Hiern = **Jamesbrittenia grandiflora**

grandiflora of author, not of (Galpin) Hiern: Hemsley & Skan (1906), misapplied name = **Jamesbrittenia accrescens**

griquensis Hiern

S. burchellii Hiern (8)

Annual, perennial? Herb. Ht 0.2–0.3 m. Alt ± 1300–? m. NW, FS, NC

halimifolia (Benth.) Kuntze

Chaenostoma halimifolium Benth. (1)

Chaenostoma laxiflorum Benth. (8)

Chaenostoma pumilum Benth. (8)

Manulea halimifolia (Benth.) Kuntze (8)

Manulea oppositiflora Vent. var. *angustifolia* Kuntze (8)

Sphenandra cinerea Engl. (8)

S. laxiflora (Benth.) Kuntze (8)

S. pumila (Benth.) Kuntze (8)

Perennial, but sometimes appearing annual. Dwarf shrub, herb. Length 0.05–0.35 m. Alt (0–)1000–1900 m. N, NW?, FS, NC, EC

henrici Hiern = **Jamesbrittenia filicaulis**

hereroensis (Engl.) Skan; Merxmüller & Roessler (1967) in part = **Jamesbrittenia hereroensis**

hereroensis of author, not of (Engl.) Skan.: Merxmüller & Roessler (1967) in part, misapplied name = **Jamesbrittenia tenella**

hereroensis of author, not of (Engl.) Skan.: Philcox (1990) in part, misapplied name = **S. debilis**

heucherifolia (Diels) Hiern = **Jamesbrittenia heucherifolia**

hispida (Thunb.) Druce

Buchnera oppositifolia Hort. ex Steud. (8)

Chaenostoma cuneatum Benth. (8)

Chaenostoma hispidum (Thunb.) Benth., excluding. var. *β? brevifolium* Benth. (8)

?*Chaenostoma integrifolium* (L.f.) Benth. var. *parvifolium* Benth., name only (8)

Manulea hispida Thunb. (8)

Manulea oppositiflora Vent. (8)

S. aethiopica of author, not of (L.) Kuntze: Hiern (1904) in part, misapplied name (8)

S. affinis of author, not of (Bernh.) Kuntze: Hiern (1904) in part, misapplied name (8)

S. brachiata Roth; Hiern (1904) in part (8)

S. cuneata (Benth.) Kuntze (8)

?*S. integrifolia* (L.f.) Kuntze var. *parvifolia* Hiern (8)

S. oppositiflora (Vent.) Kuntze as '*oppositifolia*' (8)

S. subpicata of author, not of (Benth.) Kuntze: Hiern (1904) in part, misapplied name (8)

Perennial. Dwarf shrub, herb. Ht 0.1–0.5 m. Alt 0–650 m. WC

hispida (Thunb.) Druce × **S. caerulea** (L.f.) Hiern

?*Chaenostoma hispidum* (Thunb.) Benth. var. *β? breviflorum* Benth. (8)

Perennial. Dwarf shrub? Ht? Alt? Cultivated

huillana (Diels) Hiern = **Jamesbrittenia huillana**

humifusa Hiern = **S. platysepala**

impedita Hilliard

Perennial. Herb. Length ± 0.2–0.35 m. Alt 300–600 m. EC

incisa (Thunb.) Hiern = **Jamesbrittenia incisa**

infundibuliformis Schinz = **S. polyantha**

integerrima (Benth.) Hiern in part = **Jamesbrittenia integerrima**

integrifolia (L.f.) Kuntze

Chaenostoma integrifolium (L.f.) Benth., excluding var. *parvifolium* Benth. (8)

Manulea integrifolia L.f. (1)

S. integrifolia (L.f.) Kuntze: Hiern (1904) excluding var. *parvifolia* Hiern (8)

Perennial. Dwarf shrub. Length 0.15–0.6 m. Alt 10–335 m. WC, EC

integrifolia (L.f.) Kuntze: Hiern (1904) excluding var. *parvifolia* Hiern = **S. integrifolia**

?*integrifolia* (L.f.) Kuntze var. *parvifolia* Hiern = **S. hispida**

intertexta Hiern = **S. campanulata**

jurassica Hilliard & B.L. Burt = **Jamesbrittenia jurassica**

kraussiana (Bernh.) Hiern in part and excluding *Manulea pinnatifida* L.f. and *S. kraussiana* var. *latifolia* (Benth.) Hiern = **Jamesbrittenia kraussiana**

kraussiana (Bernh.) Hiern var. *latifolia* (Benth.) Hiern = **Jamesbrittenia argentea**

langebergensis Hilliard

Perennial. Herb. Length ± 0.3 m. Alt 200–305 m. WC

latifolia Hiern = **S. cooperi**

laxiflora (Benth.) Kuntze = **S. halimifolia**

levis Hiern

S. palustris Hiern (8)

Perennial, but sometimes appearing annual. Herb. Ht up to 0.6 m. Alt 1375–1850 m. B, LIM, NW, G, M

lilacina Dinter = **Jamesbrittenia fruticosa**

linifolia of author, not of (Thunb.) Kuntze: Hiern (1904) in part, misapplied name = **S. polyantha**

linifolia (Thunb.) Kuntze; Hiern (1904) in part and excluding var. *heterophylla* (Kuntze) Hiern = **S. uncinata**

linifolia (Thunb.) Kuntze var. *heterophylla* (Kuntze) Hiern = **Jamesbrittenia albiflora**

litoralis (Schinz) Hiern = **Jamesbrittenia fruticosa**

longipedicellata Hilliard

Perennial. Dwarf shrub, shrub. Ht 0.3–0.8 m. Alt? NC

longituba (Dinter) Range = **Jamesbrittenia huillana**
luteiflora Hiern in part = **Jamesbrittenia micrantha**
luteiflora Hiern in part = **Jamesbrittenia montana**
lychnidea (L.) Hiern = **Lyperia lychnidea**
lyperioides (Engl.) Engl. ex Range = **Jamesbrittenia lyperioides**
macleana Hiern = **S. floribunda**
macrantha Codd = **Jamesbrittenia macrantha**
macrosiphon (Schltr.) Hiern
Chaenostoma macrosiphon Schltr. (1)
 Perennial. Herb. Length 0.15–0.45 m. Alt 1200–2200 m. FS, NC, WC, EC
major (Pilg.) Range = **Jamesbrittenia major**
marifolia (Benth.) Kuntze
Chaenostoma marifolium Benth., excluding synonym *Manulea virgata* Thunb. (1)
 Perennial. Herb. Length ± 0.15–0.4 m. Alt 30–915 m. WC, EC
maritima Hiern = **Jamesbrittenia maritima**
maxii Hiern; Merxmüller & Roessler (1967) in part = **Jamesbrittenia maxii**
merxmulleri Roessler = **Jamesbrittenia merxmulleri**
micrantha Hiern, in sense of Philcox (1990) in part, misapplied name = **Jamesbrittenia canescens** var. **seineri**
micrantha Hiern; Philcox (1990) in part = **Jamesbrittenia micrantha**
microphylla (L.f.) Hiern in part = **Jamesbrittenia microphylla**
microphylla of authors, not of (L.f.) Hiern: Hiern (1904) in part and others, misapplied name = **Jamesbrittenia merxmulleri**
mollis (Benth.) Hiern in part = **Jamesbrittenia pinnatifida**
montana (Diels) S.Moore; Hilliard & Burt (1982) excluding synonym *S. bolusii* Hiern = **Jamesbrittenia montana**
multiramosa Hilliard
 Perennial. Dwarf shrub. Ht 0.13–0.3 m. Alt ± 15 m. WC
natalensis (Bernh.) Kuntze = **S. floribunda**
neglecta (J.M.Wood & M.S.Evans) Hiern
Chaenostoma neglectum J.M.Wood & M.S.Evans (1)
S. polyantha of author, not of (Benth.) Kuntze: Hiern (1904) in part, misapplied name (8)
 Perennial. Herb. Length ± 0.15–0.6 m. Alt 1675–3300 m. M, S, FS, KZN, L
noodsbergensis Hiern = **S. floribunda**
ochracea Hiern = **Lyperia antirrhinoides**
oppositiflora (Vent.) Kuntze as ‘*oppositifolia*’ = **S. hispida**
pallescens Hiern = **S. platysepala**
pallida of author, not of (Pilg.) Overkott ex Roessler: Merxmüller & Roessler (1967) in part, misapplied name = **Jamesbrittenia dolomitica**
pallida of author, not of (Pilg.) Overkott ex Roessler: Merxmüller & Roessler (1967) in part, misapplied name = **Jamesbrittenia fleckii**

pallida of author, not of (Pilg.) Overkott ex Roessler: Merxmüller & Roessler (1967) in part, misapplied name = **Jamesbrittenia heucherifolia**
pallida of author, not of (Pilg.) Overkott ex Roessler: Merxmüller & Roessler (1967) in part, misapplied name = **Jamesbrittenia integerrima**
pallida (Pilg.) Overkott ex Roessler; Merxmüller & Roessler (1967) in part, excluding *Chaenostoma fleckii* Thell. = **Jamesbrittenia pallida**
palustris Hiern = **S. levis**
paniculata Hilliard
Chaenostoma revolutum (Thunb.) Benth. var. *β pubescens* Benth., name only, in part (8)
S. revoluta (Thunb.) Kuntze var. *β pubescens* Hiern name only, in part (8)
 Perennial. Suffrutex. Ht up to 0.75 m. Alt 250–1600 m. NC, WC
patriotica Hiern
Chaenostoma calycinum Benth. var. *β laxiflorum* Benth. as ‘*laxiflora*’, name only, in part (8)
Diascia avasmontana Dinter (8)
S. caerulea of author, not of (L.f.) Hiern: Merxmüller & Roessler (1967), misapplied name (8)
S. polyantha of author, not of (Benth.) Kuntze: Hiern (1904) in part, misapplied name (8)
 Annual, occ. perennial. Herb. Ht ± 0.07–0.45 m. Alt 1200–2950 m. N, LIM, NW, M, FS, L, NC, EC
pauciflora (Benth.) Kuntze
Chaenostoma pauciflorum Benth. in part (8)
 Perennial. Dwarf shrub. Ht 0.2–0.45 m. Alt 700–1200 m. NC, WC
pedunculata (Andrews) Hiern in part = **Jamesbrittenia argentea**
pedunculata of author, not of (Andrews) Hiern: Levyns (1950), misapplied name = **Jamesbrittenia stellata**
pedunculosa (Benth.) Kuntze = **Jamesbrittenia pedunculosa**
pedunculosa of author, not of (Benth.) Kuntze: Hemsley & Skan (1906) in part, misapplied name = **Jamesbrittenia hereroensis**
pedunculosa of author, not of (Benth.) Kuntze: Hemsley & Skan (1906) in part, misapplied name = **Jamesbrittenia tenella**
phlogiflora (Benth.) Hiern in part = **Jamesbrittenia argentea**
phlogiflora (Benth.) Hiern in part = **Jamesbrittenia phlogiflora**
pilgeriana (Dinter) Range = **Jamesbrittenia pilgeriana**
pinnatifida Hiern in part = **Jamesbrittenia filicaulis**
pinnatifida Hiern in part = **Jamesbrittenia foliolosa**
pinnatifida Kuntze is an incorrect name used by Hiern (1904), based on mistake of ‘*S pinnatifida*’ instead of *M. pinnatifida*’ by Kuntze (1898). It should be *S. pinnatifida* Hiern (8).
placida Hilliard
 Perennial. Herb, dwarf shrub? Length ± 0.1–0.25 m. Alt ± 150 m. WC
platysepala Hiern
S. humifusa Hiern (8)
S. pallescens Hiern (8)

- Perennial, but sometimes appearing annual. Herb.
Length \pm 0.2–0.6 m. Alt 450–850 m. KZN
- polelensis** Hiern subsp. **fraterna** Hilliard
Perennial. Herb. Length up to 0.45 m. Alt 1050–2000 m. M, S
- polelensis** Hiern subsp. **polelensis**
Perennial. Herb. Length \pm 0.6 m. Alt 1525–2300 m. FS, KZN, L, EC
- polyantha** (Benth.) Kuntze
Chaenostoma polyanthum Benth. (1)
Chaenostoma procumbens Benth. (8)
Manulea polyantha (Benth.) Kuntze (8)
S. campanulata of author, not of (Benth.) Kuntze: Batten & Bokelmann (1966), misapplied name (8)
S. infundibuliformis Schinz (8)
S. linifolia of author, not of (Thunb.) Kuntze: Hiern (1904) in part, misapplied name (8)
S. procumbens (Benth.) Kuntze (8)
Perennial. Herb. Length 0.06–0.3 m. Alt 0–600 m. WC, EC
- polyantha* of author, not of (Benth.) Kuntze: Hiern (1904) in part, misapplied name = **S. neglecta**
- polyantha* of author, not of (Benth.) Kuntze: Hiern (1904) in part, misapplied name = **S. patriotica**
- polysepala* Hiern = **S. calycina**
- primuliflora* (Thell.) Range as ‘*primulina*’ = **Jamesbrittenia primuliflora**
- pristisepala* Hiern = **Jamesbrittenia pristisepala**
- procumbens* (Benth.) Kuntze = **S. polyantha**
- pulchra* Norl. = **S. floribunda**
- pumila* (Benth.) Kuntze = **S. halimifolia**
- racemosa** (Benth.) Kuntze
Chaenostoma racemosum Benth., not of Wettst. ex Diels (8)
Annual? Herb. Length 0.2–0.35 m. Alt \pm 610 m. EC
- ramosissima* Hiern = **Jamesbrittenia ramosissima**
- remotiflora* Dinter ex Range, naked name = **Manulea robusta**
- revoluta** (Thunb.) Kuntze
Chaenostoma revolutum (Thunb.) Benth., excluding var. α *glabriusculum* Benth. and var. β *pubescens* Benth. (8)
Manulea revoluta Thunb. (1)
Perennial. Suffrutex. Ht up to 0.6 m. Alt 300–1500 m. NC, WC
- revoluta* (Thunb.) Kuntze var. β *pubescens* Hiern name only, in part = **S. paniculata**
- revoluta* (Thunb.) Kuntze var. β *pubescens* Hiern name only, in part = **S. subsessilis**
- revoluta** (Thunb.) Kuntze \times **S. aethiopica** (L.) Kuntze
?Manulea satuireioides Desr. (8)
Perennial. Suffrutex. Ht? Alt? WC? (‘Cap Bona Spei’)
- rhombifolia* Schinz = **Jamesbrittenia argentea**
- rigida* L. Bolus, illegitimate name = **Antherothamnus pearsonii**
- roseoflava** Hiern (Hiern in part)
Perennial, but sometimes appearing annual. Herb.
Length \pm 0.6 m. Alt 5–1525 m. EC
- roseoflava* Hiern in part = **S. campanulata**
- rotundifolia** (Benth.) Kuntze
Chaenostoma rotundifolium Benth. (1)
Perennial. Dwarf shrub. Ht 0.2–0.45 m. Alt 1200–1525 m. NC, WC, EC
- sessilifolia* (Diels) Hiern; Merxmüller & Roessler (1967), excluding *Lyperia major* Pilg. = **Jamesbrittenia sessilifolia**
- silenoides* Hilliard = **Jamesbrittenia silenoides**
- squarrosa* (Pilg.) Hiern ex Range = **Jamesbrittenia integerrima**
- stenopetala* (Diels) Hiern = **Jamesbrittenia incisa**
- stenophylla* Hiern = **S. subnuda**
- subnuda** (N.E.Br.) Hiern
Chaenostoma subnudum N.E.Br. (1)
S. stenophylla Hiern (8)
Perennial. Herb, dwarf shrub. Ht 0.08–0.45 m. Alt 300–1200 m. WC
- subsessilis** Hilliard
Chaenostoma revolutum (Thunb.) Benth. var. β *pubescens* Benth., name only, in part (8)
S. revoluta (Thunb.) Kuntze var. β *pubescens* Hiern name only, in part (8)
Perennial. Herb. Ht 0.15–0.35 m. Alt \pm 915 m. WC
- subspicata** (Benth.) Kuntze
Chaenostoma subspicatum Benth. (1)
S. aethiopica of author, not of (L.) Kuntze: Hiern (1904) in part, misapplied name (8)
S. subspicata (Benth.) Kuntze: Hiern (1904) in part (8)
Perennial. Dwarf shrub. Ht 0.05–0.3 m. Alt 0–200 m. WC
- subspicata* (Benth.) Kuntze: Hiern (1904) in part = **S. subspicata**
- subspicata* of author, not of (Benth.) Kuntze: Hiern (1904) in part, misapplied name = **S. hispida**
- tenella* Hiern = **Jamesbrittenia tenella**
- tenuicaulis** Hilliard
Perennial. Herb. Ht \pm 0.15–0.45 m. Alt 900–1500 m. WC
- tenuiflora* (Benth.) Hiern = **Lyperia tenuiflora**
- tenuifolia* (Bernh.) Fourc. = **Jamesbrittenia tenuifolia**
- tenuis* Pilg. = **Jamesbrittenia concinna**
- titanophila** Hilliard
Perennial. Dwarf shrub, lithophyte. Ht up to 0.2 m. Alt \pm 15 m. WC
- tomentosa* Hiern, illegitimate name: Merxmüller & Roessler (1967) in part = **Jamesbrittenia glutinosa**
- tomentosa* of author, not of Hiern: Hemsley & Skan (1906), misapplied name = **Jamesbrittenia pallida**
- tomentosa* of author, not of Hiern: Le Roux & Schelpe (1988), misapplied name = **Jamesbrittenia racemosa**
- tortuosa* (Benth.) Hiern = **Jamesbrittenia tortuosa**
- tristis* (L.f.) Hiern, including var. *montana* (Diels) Hiern = **Lyperia tristis**
- tysonii* Hiern = **Jamesbrittenia tysonii**
- uncinata** (Desr.) Hilliard
Chaenostoma fasciculatum Hort. in synonym (8)
Chaenostoma glabratum Benth. in part (8)
Chaenostoma linifolium (Thunb.) Benth. (8)
Chaenostoma linifolium (Thunb.) Benth. var. *hispidum* Bernh., naked name (8)
Manulea linifolia Thunb. (7)
Manulea uncinata Desr. (7)
S. linifolia (Thunb.) Kuntze; Hiern (1904) in part and excluding var. *heterophylla* (Kuntze) Hiern (8)

Perennial. Herb, dwarf shrub. Ht up to 0.6 m. Alt 150–640 m. WC

violacea (Schltr.) Hiern

Chaenostoma violaceum Schltr. (1)

Perennial. Suffrutex. Ht 0.5–1.5 m. Alt 305–700 m. NC, WC

virgulosa Hiern = **Jamesbrittenia filicaulis**

welwitschii Skan = **Camptoloma rotundifolium**

TEEDIA Rudolphi 7494000

(1) Hiern. 1904 *FC* 4,2: 210–212.

(2) Dahlgren & Rao. 1971. *Botaniska Notiser* 124: 458, 459.

(3) Philcox. 1990. *FZ* 8,2: 18–20.

lucida (Sol.) Rudolphi

Capraria lucida Sol. (1)

Lantana capensis Thunb. (2)

Perennial, occ. annual. Shrub, dwarf shrub, herb. Ht 0.02–2 m. Alt 20–2400 m. LIM, M, S, KZN, L, NC, WC, EC

?*obtusifolia* = **T. pubescens**

?*pentheri* Gand. = **T. pubescens**

pubescens Burch.

?*T. obtusifolia* (2)

?*T. pentheri* Gand. (2)

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 610–1300 m. WC

TETRASELAGO Junell 7568040

(1) Rolfe. 1901. *FC* 5,1: 151–153, as '*Selago*'.

(2) Hilliard & Burt. 1977. *Notes from the Royal Botanic Garden Edinburgh* 35: 175–177.

(3) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 534–540.

(4) Retief & Herman. 1997. *Strelitzia* 6: 616.

longituba (Rolfe) Hilliard & B.L.Burt

Selago longituba Rolfe (2)

Selago montis-shebae Brenan (3)

Perennial. Herb. Length 0.2–1 m. Alt 855–2100 m. M, S

natalensis (Rolfe) Junell

Selago natalensis Rolfe (2)

Perennial. Dwarf shrub, herb. Ht 0.35–1 m. Alt 600–1400 m. M, S, KZN

nelsonii (Rolfe) Hilliard & B.L.Burt

Selago nelsonii Rolfe (2)

Selago transvaalensis Rolfe (3)

Perennial. Herb. Ht 0.25–0.8 m. Alt 940–2180 m. LIM

wilmsii (Rolfe) Hilliard & B.L.Burt

Selago aggregata Rolfe (2)

Selago wilmsii Rolfe (2)

Perennial. Herb. Length 0.3–0.65 m. Alt 1200–2000 m. LIM, G, M

TORENIA L. 7561000

(1) Philcox. 1990. *FZ* 8,2: 56–58.

(2) Fischer. 1992. *Tropische und subtropische Pflanzenwelt* 81: 332–340.

monroi (S.Moore) Philcox = **Lindernia monroi**

nana E.Mey. ex Benth. = **Craterostigma plantagineum**

parviflora Buch.-Ham. ex Benth. = **T. thouarsii**

plantaginea (Hochst.) Benth. = **Craterostigma plantagineum**

pumila (Hochst.) Benth. = **Craterostigma pumilum**

spicata Engl. = **Crepidorhapon spicatus**

thouarsii (Cham. & Schldl.) Kuntze

Nortenia thouarsii Cham. & Schldl. (1)

T. parviflora Buch.-Ham. ex Benth. (1)

Annual? Herb, hydrophyte. Ht 0.15–0.33 m. Alt 275–1370 m. B, G, M, KZN

TRIEENEA Hilliard 7522020

(1) Hilliard. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45,3: 481–491.

(2) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 418–429.

(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 671.

elsiae Hilliard

Annual? Herb. Length 0.08–0.2 m. Alt 1370–1525 m. WC

frigida Hilliard

Annual? Herb. Ht? Alt ± 1525 m. WC

glutinosa (Schltr.) Hilliard

Phyllopodium glutinosum Schltr.; Hiern (1904) in part (2)

Polycarena glutinosa (Schltr.) Levyns (1)

Annual, occ perennial. Herb, suffrutex. Length 0.035–0.4 m. Alt 1600–2100 m. WC, EC

lanciloba Hilliard

Perennial. Dwarf shrub. Ht up to 0.2 m. Alt 1370–1740 m. WC

lasiocephala Hilliard

Perennial. Dwarf shrub. Ht up to 0.3 m. Alt ± 1372 m. WC

laxiflora Hilliard

Perennial, but sometimes appearing annual. Dwarf shrub. Ht up to 0.45 m. Alt 760–1370 m. WC

longipedicellata Hilliard

Perennial. Herb. Length up to 0.2 m. Alt 1500–1980 m. WC

schlechteri (Hiern) Hilliard

Phyllopodium schlechteri Hiern (1)

Polycarena schlechteri (Hiern) Levyns (1)

Perennial. Herb. Length up to 0.15 m. Alt 1370–1525 m. WC

taylorii Hilliard

Perennial. Herb, but woody at base. Length 0.08–0.3 m. Alt 1200–1675 m. WC

***VERBASCUM** L. 7460000

(1) Hiern. 1904. *FC* 4,2: 137, 138.

(2) Murbeck. 1933. *Lunds Universitets Årsskrift* N.F. Avd. 2, 29,2: 1–630.

(3) Phillips. 1941. *The Flowering Plants of South Africa* 21: t. 834.

(4) Ferguson. 1972. In Tutin *et al.*, *Flora europaea* 3: 205–216.

(5) Wells *et al.* 1986. *Memoirs of the Botanical Survey of South Africa* No. 53: 533.

(6) Cullen. 2000. In Cullen *et al.*, *European garden flora* 6: 283–287. Note: these and other species sometimes occur sporadically as garden escapes but may not yet be naturalised.

blattaria L.

Biennial. Herb. Ht up to 1.5 m. Alt up to 150 m. WC?

virgatum Stokes

Biennial. Herb. Ht 0.3–2 m. Alt 60–? L?, WC, EC

VERONICA L. 7579000

(1) Hiern. 1904. *FC* 4,2: 367–369.

(2) Henderson & Anderson. 1966. *Memoirs of the Botanical Survey of South Africa* No. 37: 292–295.

(3) Walters & Webb. 1972. In Tutin *et al.*, *Flora europaea* 3: 242–251.

(4) Wells *et al.* 1986. *Memoirs of the Botanical Survey of South Africa* No. 53: 536, 537, 658.

(5) Fischer. 1999. *Flore d'Afrique centrale. Scrophulariaceae* 1: 200–208.

Note: these species and others sometimes occur as sporadic garden escapes only, but may not yet be naturalised. Some are weeds of cultivation.

***agrestis** L.

Annual. Herb. Length 0.05–0.3 m. Alt? NW

anagallis L. = **V. anagallis-aquatica**

anagallis-aquatica L.

V. anagallis L. (5)

V. capensis Fenzl (1)

Annual, short-lived perennial. Herb, hydrophyte. Ht 0.05–1.2 m. Alt 30–805 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

***arvensis** L.

Annual. Herb. Length (0.02–)0.05–0.4 m. Alt? WC

***beccabunga** L.

Perennial. Herb, hydrophyte. Ht? Alt? EC

capensis Fenzl = **V. anagallis-aquatica**

***chamaedrys** L. subsp. **chamaedrys**

Annual or perennial. Herb. Length 0.07–0.25 m. Alt? WC

***hederifolia** L.

Annual. Herb. Ht? Alt? EC

***officinalis** L.

Perennial. Herb. Length up to 0.5 m. WC? ('Cape Colony')

***persica** Desf. ex Poir.

V. tournefortii C.C.Gmel. in part, not of Vill. (3)

Annual. Herb. Ht up to 0.2 m. Length 0.05–0.6 m. Alt 30–2250 m. NW, G, M, FS, KZN, L, NC, WC, EC

***serpyllifolia** L.

Annual. Herb. Length 0.05–0.3 m. Alt ± 305 m. KZN, WC

tournefortii C.C.Gmel. in part, not of Vill. = **V. persica**

WALAFRIDA E.Mey. 7568010

albanensis (Schltr.) Rolfe = **Selago recurva**

alopecuroides (Rolfe) Rolfe = **Selago alopecuroides**

angolensis of author, not of (Rolfe) Rolfe: Philcox (1990) in part, misapplied name = **Selago kurt-dinteri**

angolensis (Rolfe) Rolfe = **Selago angolensis**

apiculata (E.Mey.) Rolfe = **Glumicalyx apiculatus**

articulata (Thunb.) Rolfe = **Selago articulata**

basutica E.Phillips = **Selago saxatilis**

cecilae Rolfe = **Selago cecilae**

chongweënsis Rolfe = **Selago angolensis**

ciliata (L.f.) Rolfe = **Selago ciliata**

cinerea (L.f.) Rolfe = **Selago cinerea**

congesta (Rolfe) Rolfe = **Selago congesta**

crassifolia Rolfe = **Selago crassifolia**

decipiens (E.Mey.) Rolfe = **Selago decipiens**

densiflora (Rolfe) Rolfe in part = **Selago cucullata**

densiflora (Rolfe) Rolfe in part = **Selago densiflora**

densiflora (Rolfe) Rolfe in part = **Selago tenuifolia**

diffusa Rolfe = **Selago linearis**

dinteri (Rolfe) Rolfe = **Selago dinteri** subsp. **dinteri**

distans (E.Mey.) Rolfe = **Selago distans**

fleckii Rolfe = **Selago dinteri** subsp. **dinteri**

geniculata (L.f.) Rolfe = **Selago geniculata**

gracilis Rolfe = **Selago gracilis**

lacunosa (Klotzsch) Rolfe = **Selago lacunosa**

loganii Hutch. = **Selago rigida**

macowani Rolfe = **Selago decipiens**

merxmülleri Roessler = **Selago divaricata**

micrantha (Choisy) Rolfe in part = **Selago confusa**

micrantha (Choisy) Rolfe in part = **Selago paniculata**

minuta Rolfe = **Cromidon minutum**

myrtifolia (Rchb.) Rolfe = **Selago myrtifolia**

nachtigalii of author, not of (Rolfe) Rolfe: Philcox (1990), misapplied name = **Selago albomarginata**

nachtigalii (Rolfe) Rolfe in part = **Selago albomarginata**

nachtigalii (Rolfe) Rolfe in part = **Selago multispicata**

nachtigalii (Rolfe) Rolfe in part = **Selago nachtigalii**

nitida E.Mey.: Rolfe (1901) in part = **Selago myrtifolia**

paniculata of author, not of (Thunb.) Rolfe: Merxmüller & Roessler (1967), misapplied name = **Selago kurt-dinteri**

paniculata (Thunb.) Rolfe in part = **Selago alopecuroides**

paniculata (Thunb.) Rolfe in part = **Selago mixta**

paniculata (Thunb.) Rolfe in part = **Selago multispicata**

paniculata (Thunb.) Rolfe in part = **Selago paniculata**

polycephala (Otto ex Walp.) Rolfe in part = **Selago polycephala**

polystachya Rolfe in part = **Selago densiflora**

polystachya Rolfe in part, not *Selago polystachya* L. = **Selago multispicata**

pubescens Rolfe = **Selago gracilis**

pusilla Roessler = **Cromidon pusillum**

recurva (E.Mey.) Rolfe = **Selago recurva**

rigida (Rolfe) Hutch. = **Selago rigida**

rotundifolia (L.f.) Rolfe = **Selago rotundifolia**

saxatilis (E.Mey.) Rolfe = **Selago saxatilis**

saxatilis of author, not of E.Mey.: Merxmüller & Roessler (1967) in part, misapplied name = **Selago amboensis**

saxatilis of author, not of E.Mey.: Merxmüller & Roessler (1967) in part, misapplied name = **Selago dinteri** subsp. **dinteri**

saxatilis of author, not of E.Mey.: Merxmüller & Roessler (1967) in part, misapplied name = **Selago dinteri** subsp. **pseudodinteri**

schinzii of author, not of Rolfe: Merxmüller & Roessler (1967) misapplied name = **Selago albomarginata**

schinzii Rolfe = **Selago alopecuroides**

squarrosa Rolfe = **Selago gracilis**

tenuifolia Rolfe = **Selago tenuifolia**

trimera Hochst. = **Selago myrtifolia**

witbergensis (E.Mey.) Rolfe in part = **Selago polycephala**

witbergensis (E.Mey.) Rolfe in part = **Selago witbergensis**

zeyheri (Choisy) Rolfe in part = **Selago decipiens**

zeyheri (Choisy) Rolfe in part = **Selago zeyheri**

zuurbergensis Rolfe = **Selago zeyheri**

ZALUZIANSKYA F.W.Schmidt, 7523000
name conserved

- (1) Hiern. 1904. *FC* 4,2: 333–354.
- (2) Merxmüller. 1967. *FSWA* 126: 57–59.
- (3) Hilliard & Burt. 1983. *Notes from the Royal Botanic Garden Edinburgh* 41,1: 1–43.
- (4) Manning. 1987. *The Flowering Plants of Africa* 49: t. 1950 (*Z. rubrostellata*).
- (5) Hilliard. 1990. *Edinburgh Journal of Botany* 47,3: 345–350.
- (6) Hilliard. 1994. *The Manuleae. A tribe of Scrophulariaceae*: 460–522.
- (7) Retief & Herman. 1997. *Strelitzia* 6: 616, 617.
- (8) Goldblatt & Manning. 2000. *Strelitzia* 9: 672, 673.

acrobareia Hilliard

Annual. Herb. Ht 0.005–0.017 m. Alt? NC

acutiloba Hilliard

Annual. Herb. Length 0.03–0.15 m. Alt 1430–1465 m. NC

affinis Hilliard

Nycterinia selaginoides (Thunb.) Benth. var. *β glabra* Benth. (6)
Z. selaginoides (Thunb.) Walp. var. *β glabra* (Benth.) Walp. (1, 6)
Z. villosa F.W.Schmidt var. *β glabra* (Benth.) Hiern (6)
Z. villosa F.W.Schmidt var. *γ parviflora* (Benth.) Hiern in part (6)
?Z. violacea of author, not of Schltr.: Hiern (1904) in part (6)
Annual. Herb. Ht 0.02–0.3 m. Alt up to 900 m. NC, WC

africana Hiern in part = **Z. karrooica**

africana Hiern in part = **Z. pumila**

africana Hiern in part = **Z. synaptica**

africana Hiern in part = **Z. vallispsciscis**

alpestris Diels = **Glumicalyx nutans**

angustifolia Hilliard & B.L.Burt

Perennial. Herb. Length 0.07–0.3(–0.45) m. Alt 185–1980 m. LIM, KZN, EC

aschersoniana Schinz = **Z. benthamiana**

bella Hilliard

Annual. Herb. Ht 0.015–0.15 m. Alt 500–1200 m. EC

benthamiana Walp.

Manulea buchbergensis Dinter ex Range (6)
Nycterinia villosa Benth., excluding synonym *Erinus villosus* Thunb. (6)
Z. aschersoniana Schinz (6)
Z. bolusii Hiern (6)
Z. ramosa Schinz ex Hiern (6)
Annual. Herb. Ht 0.02–0.33 m. Alt 190–1060 m. N, NC, WC

bolusii Hiern = **Z. benthamiana**

capensis (L.) Walp.

Erinus aethiopicus Thunb. (6)
Erinus africanus of author, not of L.: Thunb. (1800, 1823) in part (6)
Erinus capensis L. (6)
Nycterinia capensis (L.) Benth. including var. *α hirsuta* Benth., var. *β glabriuscula* Benth. and var. *δ tenuifolia* Benth., but excluding var. *γ foliosa* Benth. (6)
Nycterinia coriacea Benth. (6)
Nycterinia dentata Benth. (6)
Nycterinia longiflora Benth. (6)
Z. capensis (L.) Walp. var. *β glabriuscula* (Benth.) Walp. (6)
Z. capensis (L.) Walp. var. *α hirsuta* (Benth.) Walp. (6)
Z. capensis (L.) Walp. var. *δ tenuifolia* (Benth.) Walp. (6)

Z. coriacea (Benth.) Walp. (6)

Z. dentata (Benth.) Walp. (6)

Z. longiflora (Benth.) Walp. (6)

Z. maritima of author, not of (L.f.) Walp.: Hiern (1904) in part, misapplied name (6)

Annual or perennial. Herb. Ht 0.1–0.4 m. Alt 0–1350 m. NC, WC, EC

capensis (L.) Walp. var. *γ foliosa* (Benth.) Walp. = **Z. schmitziae**

capensis (L.) Walp. var. *β glabriuscula* (Benth.) Walp. = **Z. capensis**

capensis (L.) Walp. var. *α hirsuta* (Benth.) Walp. = **Z. capensis**

capensis (L.) Walp. var. *δ tenuifolia* (Benth.) Walp. = **Z. capensis**

capensis of author, not of (L.) Walp.: Hilliard & Burt (1983) in part = **Z. glareosa**

chrysops Hilliard & B.L.Burt

Perennial, but appearing annual. Herb. Length 0.035–0.15 m. Alt 2000–? m. KZN, L

cohabitans Hilliard

Annual. Herb. Ht 0.005–0.1 m. Alt 1000–1850 m. NC

collina Hiern in part

Annual. Herb. Ht 0.03–0.25 m. Alt 600–1555 m. NC

collina Hiern in part = **Z. pusilla**

coriacea (Benth.) Walp. = **Z. capensis**

crocea Schltr.

Z. crocea Schltr.: Hilliard & Burt (1983) in part (6)
Annual. Herb. Ht 0.03–0.12 m. Alt 1920–2600 m. L, EC

crocea of author, not of Schltr.: Hilliard & Burt (1983) in part, misapplied name = **Z. karrooica**

crocea of author, not of Schltr.: Hilliard & Burt (1983) in part, misapplied name = **Z. vallispsciscis**

crocea Schltr.: Hilliard & Burt (1983) in part = **Z. crocea**
dentata (Benth.) Walp. = **Z. capensis**

diandra Diels

Annual. Herb. Ht 0.05–0.3 m. Alt 700–1005 m. N, NC

distans Hiern

Z. latifolia Schinz ex O.Hoffm. & Muschl., name only (3)
Perennial, but sometimes appearing annual. Herb. Length up to 0.4 m. Alt 1765–2200 m. M, FS, KZN

divaricata (Thunb.) Walp.

Manulea divaricata Thunb. (1)
Nycterinia divaricata (Thunb.) Benth. (6)
Nycterinia divaricata (Thunb.) Benth. var. *β parviflora* Benth. (6)
Nycterinia rigida Benth. mistake for *N. divaricata* according to *Index Kewensis* (6)

Annual. Herb. Ht 0.03–0.25 m. Alt up to 750 m. WC

divaricata of author, not of (Thunb.) Walp.: Batten & Bokelman (1966), misapplied name = **Z. vallispsciscis**

elongata Hilliard & B.L.Burt

Perennial. Herb. Length up to 0.6 m. Alt 460–1800 m. G, M, S, KZN, EC

falciloba Diels = **Z. pumila**

flanaganii Hiern = **Glumicalyx flanaganii**

gilgiana Diels, insufficiently known (type lost in Berlin), probably = **Z. violacea**

gilioides Schltr. = **Z. peduncularis**

glandulosa Hilliard

Annual. Herb. Ht 0.004–0.04 m. Alt ± 900 m. WC

glareosa Hilliard & B.L.Burt

Z. capensis of author, not of (L.) Walp.: Hilliard & Burt (1983) in part (6)

Perennial, but appearing annual. Herb. Length up to 0.45 m. Alt 1200–2750 m. FS, KZN, L?, EC

goseloides Diels = **Glumicalyx goseloides**

gracilis Hilliard

Annual. Herb. Ht 0.05–0.25 m. Alt up to 150 m. WC

inflata Diels

Annual. Herb. Length 0.03–0.25 m. Alt 670–760 m. NC

isanthera Hilliard

Annual. Herb. Ht 0.01–0.04 m. Alt 900–1300 m. WC

kareebergensis Hilliard

Annual. Herb. Ht 0.06–0.15 m. Alt ± 460 m. WC

karrooica Hilliard

Nycterinia africana (L.) Benth. in part, excluding synonym *Erinus africanus* L. (6)

Z. africana Hiern in part (6)

Z. crocea of author, not of Schltr.: Hilliard & Burt (1983) in part, misapplied name (6)

Annual. Herb. Ht 0.01–0.13 m. Alt 1200–1950 m. FS, NC, EC

katharinae Hiern

Perennial. Dwarf shrub, herb. Length up to 0.6 m. Alt 1450–2100 m. LIM, NW, G, M

lanigera Hilliard

Annual. Herb. Ht 0.018–0.035 m. Alt? WC

latifolia Schinz ex O.Hoffm. & Muschl., name only = **Z. distans**

longiflora (Benth.) Walp. = **Z. capensis**

lychnidea (D.Don) Walp. = **Z. maritima**

maritima (L.f.) Walp.

Erinus lychnideus of author, not of (L.) L.f.: Lindl. (1823) and others, misapplied name (6)

Erinus maritimus L.f. (6)

Nycterinia lychnidea D.Don (6)

Nycterinia maritima (L.f.) Benth. in part (6)

Z. lychnidea (D.Don) Walp. (6)

Z. maritima (L.f.) Walp.: Hiern (1904) in part (6)

Z. maritima (L.f.) Walp. var. *fragrantissima* Hiern (3)

Annual, occ. perennial. Herb. Ht 0.1–0.3 m. Alt 0–60 m. WC, EC

maritima (L.f.) Walp.: Hiern (1904) in part = **Z. maritima**

maritima (L.f.) Walp. var. *atro-purpurea* Hiern = **Z. microsiphon**

maritima (L.f.) Walp. var. *breviflora* Hiern = **Z. microsiphon**

maritima (L.f.) Walp. var. *fragrantissima* Hiern = **Z. maritima**

maritima (L.f.) Walp. var. *grandiflora* Hiern = **Z. microsiphon**

maritima (L.f.) Walp. var. *pubens* Hiern = **Z. pilosa** (not *Z. spathacea* as in Hilliard & Burt 1983)

maritima of author, not of (L.f.) Walp.: Hiern (1904) in part, misapplied name = **Z. capensis**

maritima of author, not of (L.f.) Walp.: Hiern (1904) in part, misapplied name = **Z. natalensis**

maritima of author, not of (L.f.) Walp.: Hiern (1904), in part, misapplied name = **Z. spathacea**

marlothii Hilliard

Annual. Herb. Length 0.002–0.05 m. Alt 1500–1700 m. NC

microsiphon (Kuntze) K.Schum.

Nycterinia microsiphon Kuntze (6)

Z. maritima (L.f.) Walp. var. *atro-purpurea* Hiern (3)

Z. maritima (L.f.) Walp. var. *breviflora* Hiern (3)

Z. maritima (L.f.) Walp. var. *grandiflora* Hiern (3)

Perennial. Herb. Length up to ± 0.4 m. Alt 1525–2745 m. LIM, M, FS, KZN, EC

minima (Hiern) Hilliard

Phyllopodium minimum Hiern (5)

Polycarena minima (Hiern) Levyns (5)

Annual. Herb. Ht 0.01–0.1 m. Alt 800–1500 m. NC, WC

mirabilis Hilliard

Annual. Herb. Length 0.01–0.08 m. Alt ± 1310 m. NC, EC

montana Hiern = **Z. ovata**

muirii Hilliard & B.L.Burt

Annual or perennial? Herb. Ht 0.15–0.4 m. Alt up to 210 m. WC

natalensis Bernh.

Nycterinia natalensis Bernh. (6)

Z. maritima of author, not of (L.f.) Walp.: Hiern (1904) in part, misapplied name (6)

Perennial. Herb. Ht up to 0.35 m. Alt 600–1700 m. S, KZN, EC

natalensis of author, not of Bernh.: Harvey (1859), misapplied name = **Z. pachyrrhiza**

nemesioides Diels = **Reyemia nemesioides**

oreophila Hilliard & B.L.Burt

Annual or perennial? Herb. Length 0.1–0.3 m. Alt 2285–3200 m. L

ovata (Benth.) Walp.

Nycterinia ovata Benth. (6)

Z. montana Hiern (3)

Perennial. Dwarf shrub. Length up to 0.45 m. Alt 1460–3230 m. FS, KZN, L, NC, WC, EC

pachyrrhiza Hilliard & B.L.Burt

Z. natalensis of author, not of Bernh.: Harvey (1859), misapplied name (6)

Perennial. Herb. Length up to 0.45 m. Alt 0–500 m. KZN

parviflora Hilliard

Annual. Herb. Ht 0.1–0.31 m. Alt 20–365 m. WC

peduncularis (Benth.) Walp.

Nycterinia peduncularis Benth. (3)

Nycterinia peduncularis Benth. var. *β glabriuscula* Benth., name only (6)

Nycterinia peduncularis Benth. var. *α hirsuta* Benth. (6)

Polycarena dinteri Thell. (6)

Z. gilioides Schltr. (6)

Z. peduncularis (Benth.) Walp. var. *glabriuscula* (Benth.) Walp. (6)

Z. peduncularis (Benth.) Walp. var. *hirsuta* (Benth.) Walp. (6)

Annual. Herb. Ht 0.013–0.25 m. Alt 100–1900 m. N, FS, L, NC, WC, EC

peduncularis (Benth.) Walp. var. *glabriuscula* (Benth.) Walp. = **Z. peduncularis**

peduncularis (Benth.) Walp. var. *hirsuta* (Benth.) Walp. = **Z. peduncularis**

pilosa Hilliard & B.L.Burt

Z. maritima (L.f.) Walp. var. *pubens* Hiern [not *Z. spathacea* as in (3)] (6)

Perennial. Herb. Length up to 0.35 m. Alt? LIM, M?, KZN

pilosissima Hilliard

Annual. Herb. Length 0.01–0.14 m. Alt 1100–1500 m. NC

pseudafricana Paclt, illegitimate name = **Z. pumila**

pulvinata Killick

Perennial. Herb. Length 0.03–0.1(–0.3) m. Alt 1550–3000 m. M, FS, KZN, L, EC

pulvinata of author, not of Killick: Trauseld (1963), misapplied name = **Z. rubrostellata**

pumila (Benth.) Walp.

Erinus africanus of author, not of L.: Thunb. (1800, 1823) in part (6)
Nycterinia africana or author, not of (L.) Benth.: Benth. (1836) in part, excluding synonym *Erinus africanus* L. (6)

Nycterinia pumila Benth. (1)

Z. africana Hiern in part (6)

Z. falciloba Diels (6)

Z. pseudafricana Paclt, illegitimate name (6)

Annual. Herb. Ht 0.02–0.23 m. Alt 100–1125 m. NC, WC

pusilla (Benth.) Walp.

Nycterinia pusilla Benth. (1)

Z. collina Hiern in part (6)

Annual. Herb. Ht 0.02–0.155 m. Alt 150–950 m. NC, WC

ramosa Schinz ex Hiern = **Z. benthamiana**

rubrostellata Hilliard & B.L.Burt

Z. pulvinata of author, not of Killick: Trauseld (1963) misapplied name (6)

Annual. Herb. Length ± 0.02–0.14 m. Alt 2350–3300 m. KZN?, L, EC

sanorum Hilliard

Annual. Herb. Length 0.01–0.14 m. Alt 900–? m. NC

schmitziae Hilliard & B.L.Burt

Nycterinia capensis (L.) Benth. var. *γfoliosa* Benth. (6)

Z. capensis (L.) Walp. var. *γfoliosa* (Benth.) Walp. (6 implied)

Perennial. Herb. Length 0.15–0.3 m. Alt 670–2425 m. FS, L, EC

selaginoides (Thunb.) Walp., excluding var. *β glabra* (Benth.) Walp. and var. *γ parviflora* (Benth.) Walp. = **Z. villosa**

selaginoides (Thunb.) Walp. var. *β glabra* (Benth.) Walp. = **Z. affinis**

selaginoides (Thunb.) Walp. var. *γ parviflora* (Benth.) Walp. = **Polycarena silenoides**

spathacea (Benth.) Walp.

Nycterinia spathacea Benth. (6)

Z. maritima of author, not of (L.f.) Walp.: Hiern (1904) in part, misapplied name (6)

Z. spathacea (Benth.) Walp.: Hilliard & Burt (1983) excluding *Z. maritima* (L.f.) Walp. var. *pubens* Hiern (6)

Perennial. Herb. Length up to 0.4 m. Alt 915–2650 m. M, S, FS, KZN, L, EC

spathacea (Benth.) Walp.: Hilliard & Burt (1983) excluding *Z. maritima* (L.f.) Walp. var. *pubens* Hiern = **Z. spathacea**

sutherlandica Hilliard

Annual. Herb. Ht ± 0.03 m. Alt ± 1645 m. NC

synaptica Hilliard

Z. africana Hiern in part (6)

Annual. Herb. Ht 0.01–0.24 m. Alt 600–1200 m. WC, EC

turritella Hilliard & B.L.Burt

Annual. Herb. Length 0.025–0.13 m. Alt 2940–3300 m. KZN, L

vallis piscis Hilliard

Z. africana Hiern in part (6)

Z. crocea of author, not of Schltr.: Hilliard & Burt (1983) in part, misapplied name (6)

Z. divaricata of author, not of (Thunb.) Walp.: Batten & Bokelman (1966), misapplied name (6)

Annual. Herb. Ht 0.03–0.15 m. Alt 305–460 m. EC

venusta Hilliard

Annual. Herb. Ht 0.01–0.15 m. Alt 350–1500 m. FS, NC, WC

villosa F.W.Schmidt

Erinus africanus L. (6)

Erinus selaginoides Thunb. (6)

Erinus villosus Thunb. (6)

Nycterinia africana (L.) Benth. in part, the synonym *Erinus africanus* L. (6)

Nycterinia selaginoides (Thunb.) Benth., excluding var. *β glabra* Benth. and var. *γ parviflora* Benth. (6)

Z. selaginoides (Thunb.) Walp. excluding var. *β glabra* (Benth.) Walp. and var. *γ parviflora* (Benth.) Walp. (6)

Z. villosa F.W.Schmidt: Hiern (1904) excluding var. *β glabra* (Benth.) Hiern and var. *γ parviflora* (Benth.) Hiern (6)

Annual. Herb. Ht 0.03–0.3 m. Alt up to 200 m. WC

villosa F.W.Schmidt: Hiern (1904) excluding var. *β glabra* (Benth.) Hiern and var. *γ parviflora* (Benth.) Hiern = **Z. villosa**

villosa F.W.Schmidt var. *β glabra* (Benth.) Hiern = **Z. affinis**

villosa F.W.Schmidt var. *γ parviflora* (Benth.) Hiern, in part = **Polycarena silenoides**

villosa F.W.Schmidt var. *γ parviflora* (Benth.) Hiern, in part = **Z. affinis**

violacea Schltr.

Z. violacea Schltr: Hiern (1904) in part (6)

Annual. Herb. Ht 0.02–0.15 m. Alt 140–1160 m. NC, WC

?*violacea* of author, not of Schltr.: Hiern (1904) in part = **Z. affinis**

violacea Schltr: Hiern (1904) in part = **Z. violacea**

SOLANACEAE

Compiled by W.G. Welman

ATROPA L.

7390000

***CAPSICUM** L.

7404000

physalodes L. = **Nicandra physalodes**

(1) Shaw. 2000. *European garden flora* 6: 242.

annuum L. var. *aviculare* (Dierbach) D'Arcy & Eshbaugh = **C. annum** var. **glabriusculum**

annuum L. var. **glabriusculum** (Dunal) Heiser & Pickersgill

C. annum L. var. *aviculare* (Dierbach) D'Arcy & Eshbaugh (1)
Perennial. Shrub or herb. Ht 0.25–2 m. Alt? LIM

frutescens L.

Perennial. Shrub or herb. Ht 0.25–2 m. Alt 15–100 m.
S, KZN

***CESTRUM** L. 7420000

(1) Henderson *et al.* 1987. *Declared weeds and alien invader plants in southern Africa*: 30, 31.

(2) Shaw. 2000. *European garden flora* 6: 254–257.

aurantiacum F.Mayer = **Freylinia lanceolata**

aurantiacum Lindl.

Perennial. Shrub, occ. tree. Ht 1–7 m. Alt 60–1500 m.
LIM, G, M, S, KZN, WC

elegans (Brongn.) Schltld.

C. purpureum (Lindl.) Standl. (2)

Perennial. Shrub. Ht 1–4 m. Alt ?–1340 m. M, KZN

laevigatum Schltld.

Perennial. Shrub, occ. tree. Ht 1–7 m. Alt 5–1525 m.
NW, G, M, S, FS, KZN, WC, EC

purpureum (Lindl.) Standl. = **C. elegans**

***CYPHOMANDRA** Mart. 7408000

(1) Shaw. 2000. *European garden flora* 6: 240.

betacea (Cav.) Sendtn.

Perennial. Tree, shrub. Ht 3–7 m. Alt ?–1300 m. KZN

***DATURA** L. 7415000

(1) Shaw. 2000. *European garden flora* 6: 247–249.

fastuosa L. = **D. metel**

ferox L.

Annual. Shrub or herb. Ht 0.2–1.5 m. Alt 5–1713 m.
N, B, LIM, NW, G, M, FS, KZN, L, NC, WC,
EC

inoxia Mill.

D. meteloides Dunal (1)

Annual. Shrub or herb. Ht 0.3–2 m. Alt 2–1300 m. N,
B, LIM, NW, G, KZN, NC, WC

metel L.

D. fastuosa L. (1)

Annual. Herb. Ht 0.3–1.5 m. Alt 50–610 m. LIM,
KZN

meteloides Dunal = **D. inoxia**

stramonium L.

D. tatula L. (1)

Annual. Shrub or herb. Ht 0.35–2 m. Alt 45–2380 m.
N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC,
EC

tatula L. = **D. stramonium**

LYCIUM L. 7379000

(1) Verdoorn. 1933. *The Flowering Plants of South Africa* 13: t. 487.

(2) Joubert & Venter. 1989. *South African Journal of Botany* 55: 516–519.

(3) Venter & Scott. 1999. *South African Journal of Botany* 65: 428–430.

(4) Venter. 2000. *Taxonomy of the genus Lycium L. (Solanaceae) in Africa*. Unpublished Ph.D. thesis, University of the Orange Free State, Bloemfontein.

acutifolium E.Mey. ex Dunal

L. pendulinum Miers (4)

Perennial. Shrub or dwarf shrub. Ht 0.5–3 m. Alt 5–1795 m. S, KZN, EC

afrum L.

L. bachmannii Dammer (4)

Perennial. Shrub or dwarf shrub. Ht 0.5–2 m. Alt 10–600 m. WC

albiflorum Dammer = **L. shawii**

amoenum Dammer

L. campanulatum E.Mey. ex C.H.Wright (4)

Perennial. Shrub. Ht 1–3 m. Alt 90–1835 m. N, NC,
WC

arenicola Miers

Perennial. Shrub. Ht 3–4 m. Alt 650–2000 m. B, NW,
FS, KZN, L, NC, WC, EC

austrinum Miers = **L. oxycarpum**

bachmannii Dammer = **L. afrum**

bosciifolium Schinz

L. dunaloides Dammer (4)

L. emarginatum Dammer (4)

L. namaquense Dammer (4)

L. pauciflorum Dammer (4)

L. schaeferi Dammer (4)

L. squarrosus Dammer (4)

Perennial. Shrub or small tree. Ht 0.5–4 m. Alt 410–1650 m. N, B, NC, WC

caespitosum Dinter & Dammer = **L. cinereum**

campanulatum E.Mey. ex C.H.Wright = **L. amoenum**

cinereum Thunb.

L. caespitosum Dinter & Dammer (4)

L. prunus-spinosa Dunal (4)

L. roridum Miers (4)

L. woodii Dammer (4)

Perennial. Shrub or dwarf shrub. Ht 0.3–2 m. Alt 5–1785 m. N, B, LIM, NW, G, M, FS, KZN, L,
NC, WC, EC

collettioides Dammer = **L. pumilum**

decumbens Welw. ex Hiern

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt 3–300 m. N

dinteri Dammer = **L. pilifolium**

dunaloides Dammer = **L. bosciifolium**

echinatum Dunal = **L. horridum**

eenii S.Moore

L. lancifolium Dammer (4)

L. trothae Dammer (4)

Perennial. Shrub or dwarf shrub. Ht 0.5–4 m. Alt 1600–1950 m. N

emarginatum Dammer = **L. bosciifolium**

ferocissimum Miers

Perennial. Shrub or dwarf shrub. Ht 0.5–3 m. Alt 90–1835 m. FS, L, WC, EC

glandulosissimum Schinz = **L. pilifolium**

grandicalyx Joubert & A.M.Venter

Perennial. Shrub or dwarf shrub. Ht 0.5–1 m. Alt ?–660 m. N, NC

hirsutum Dunal

L. pilosum Dammer (4)

Perennial. Shrub or dwarf shrub. Ht 0.5–3 m. Alt 245–2000 m. N, NW, FS, NC, WC, EC

horridum Thunb.

- L. echinatum* Dunal (4)
L. kraussii Dunal (4)
L. leptacanthum C.H. Wright (4)
L. minutiflorum Dammer (4)
L. omahekense Dammer (4)
L. oxycladum Miers (4)
 Perennial. Shrub, dwarf shrub. Ht 0.2–1.8 m. Alt 5–1670 m. N, B, LIM, NW, G, M, FS, NC, WC, EC
- inerme* L.f. = **Canthium inerme**
- karasbergense* L. Bolus = **L. pumilum**
- kraussii* Dunal = **L. horridum**
- lancifolium* Dammer = **L. eenii**
- leptacanthum* C.H. Wright = **L. horridum**
- marlothii* Dammer = **L. tetrandrum**
- mascarenense** A.M. Venter & A.J. Scott
 Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 2–7 m. KZN
- minutiflorum* Dammer = **L. horridum**
- namaquense* Dammer = **L. bosciifolium**
- omahekense* Dammer = **L. horridum**
- ovinum* Dammer = **L. shawii**
- oxycarpum** Dunal
L. austrinum Miers (4)
 Perennial. Shrub or occ. tree. Ht 0.5–5 m. Alt 120–1290 m. FS, NC, WC, EC
- oxycladum* Miers = **L. horridum**
- pauciflorum* Dammer = **L. bosciifolium**
- pendulinum* Miers = **L. acutifolium**
- pilifolium** C.H. Wright
L. dinteri Dammer (4)
L. glandulosissimum Schinz (4)
 Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 1015–1370 m. N, B, NW, FS, NC, EC
- pilosum* Dammer = **L. hirsutum**
- prunus-spinosa* Dunal = **L. cinereum**
- pumilum** Dammer
L. colletioides Dammer (4)
L. karasbergense L. Bolus (4)
L. salinicola I. Verd. (1, 4)
 Perennial. Shrub. Ht 0.6–1.2 m. Alt 15–1535 m. N, FS, NC, WC, EC
- roridum* Miers = **L. cinereum**
- salinicola* I. Verd. = **L. pumilum**
- schaeferi* Dammer = **L. bosciifolium**
- schizocalyx** C.H. Wright
 Perennial. Shrub or dwarf shrub. Ht 0.5–2 m. Alt 610–1600 m. N, B, LIM, NW, FS, NC, WC, EC
- shawii** Roem. & Schult.
L. albiflorum Dammer (4)
L. ovinum Dammer (4)
 Perennial. Shrub or occ. small tree. Ht 1–4.5 m. Alt 155–915 m. B, LIM, M, S, KZN
- squarrosus* Dammer = **L. bosciifolium**
- tenue** Willd.
 Perennial. Shrub. Ht 1–2 m. Alt 100–600 m. WC, EC
- tetrandrum** Thunb.
L. marlothii Dammer (4)
 Perennial. Shrub. Ht 1–3 m. Alt 1–130 m. N, NC, WC
- trothae* Dammer = **L. eenii**
- villosum** Schinz
 Perennial. Shrub or dwarf shrub. Ht 0.5–3 m. Alt 1035–2100 m. N, B, NC
- woodii* Dammer = **L. cinereum**
- *LYCOPERSICON** Mill. 7407020
 (1) Bailey. 1977. *Hortus third*: 689.
 (2) Roessler & Merxmüller. 1982. *Mitteilungen der Botanischen Staatssammlung München* 18: 187–200.
- esculentum** Mill. var. **cerasiforme** Hort.
 Perennial. Trailing herb. Ht 0.3–3 m. Alt ?–150 m. S
- pimpinellifolium** (L.) Mill.
Solanum pimpinellifolium L. (2)
 Annual. Dwarf shrub or herb. Ht 0.15–0.3 m. Alt? N
- *NICANDRA** Adans. 7377000
 (1) Henderson & Anderson. 1966. *Memoirs of the Botanical Survey of South Africa* No. 37: 268, 269.
- physalodes** (L.) Gaertn.
Atropa physalodes L. (1)
 Annual. Shrub, dwarf shrub or herb. Ht 0.3–1.95 m. Alt 30–1675 m. N, LIM, NW, G, M, S, KZN, L, WC, EC
- NICOTIANA** L. 7434000
 (1) Merxmüller. 1975. *Mitteilungen der Botanischen Staatssammlung München* 12: 91–94.
 (2) Herman. 1990. *The Flowering Plants of Africa* 51: t. 2020.
 (3) Shaw. 2000. *European garden flora* 6: 257–261.
- africana** Merxm.
 Perennial. Herb. Ht 1.2–2.5 m. Alt 1400–2350 m. N
- *glauca** Graham
 Perennial. Shrub, occ. tree. Ht 1.2–5 m. Alt 45–1705 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC
- *longiflora** Cav.
 Annual. Herb. Ht 0.4–1.4 m. Alt 15–1900 m. N, NW, G, FS, KZN, NC, EC
- *tabacum** L.
 Annual, occ. perennial. Shrub or herb. Ht up to 1.2 m. Alt 50–1465 m. LIM, KZN, WC, EC
- *NIEREMBERGIA** Ruiz & Pavón 7438000
 (1) Shaw. 2000. *European garden flora* 6: 262, 263.
- hippomanica* Miers var. *violacea* Millan = **N. linariifolia** var. **glabriuscula**
- linariifolia** Graham var. **glabriuscula** (Dunal) Cocucci & Hunziker
N. hippomanica Miers var. *violacea* Millan (1)
 Perennial. Herb. Ht 0.15–0.75 m. Alt ?–1500 m. NW, G, FS, WC, EC
- *PHYSALIS** L. 7401000
 (1) Henderson & Anderson. 1966. *Memoirs of the Botanical Survey of South Africa* No. 37: 272–275.
 (2) Purdie et al. 1982. *Flora of Australia* 29: 179–184.
- angulata** L.
 Annual. Herb. Ht 0.1–0.9 m. Alt 5–1850 m. N, B, LIM, NW, G, M, S, FS, L, KZN, NC, EC
- minima** L.
 Annual. Herb. Ht 0.1–0.4 m. Alt 10–700 m. KZN
- peruviana** L.

Perennial. Shrub or herb. Ht 0.4–1.5 m. Alt 20–1980 m. N, LIM, NW, G, M, S, KZN, L, WC, EC

philadelphica Lam.

Annual. Herb. Ht 0.1–0.5 m. Alt? KZN

somnifera L. = **Withania somnifera**

viscosa L.

Perennial. Herb. Ht 0.05–0.3 m. Alt 15–1830 m. NW, G, M, FS, KZN, L, WC, EC

SOLANUM L.

7407000

- (1) Merxmüller. 1969. *FSWA* 124: 9–17.
- (2) D'Arcy. 1973. *Annals of the Missouri Botanical Garden* 60: 708.
- (3) Jaeger. 1985. *Systematic studies in the genus Solanum in Africa*. Unpublished Ph.D. thesis, University of Birmingham, Birmingham.
- (4) Hepper & Jaeger. 1986. *Kew Bulletin* 41: 433–435.
- (5) Gonçalves. 1996. *Kirkia* 16: 85–94.
- (6) Edmonds & Chweya. 1997. *Black nightshades, Solanum nigrum L. and related species*. IPGRI Publication 15.
- (7) Lester. 1998. *List of types in Solanum*. Unpublished electronic list.
- (8) Nee. 2001. *Index to Solanum epithets*. Unpublished electronic list.

acanthoideum Drège ex Dunal = **S. macrocarpon**

aculeastrum Dunal subsp. **aculeastrum**

Perennial. Shrub, tree. Ht 1–5 m. Alt 275–1780 m. LIM, M, S, KZN, WC, EC

aculeatissimum Jacq.

Perennial. Shrub. Ht 0.5–1.5 m. Alt 360–2025 m. LIM, NW, G, M, FS, KZN, L, WC, EC

africanum Mill.

- S. aggerum* Dunal? (8)
- S. crassifolium* Lam. (7)
- S. exasperatum* Drège ex Dunal (8)
- S. geniculatum* Drège ex Dunal (8)
- S. quadrangulare* L.f. (8)

Perennial. Shrub, climber. Ht 1–3 m. Alt 5–200 m. KZN, WC, EC

aggerum Dunal? = **S. africanum**

aggregatum Jacq. = **S. guineense**

***americanum** Mill.

- S. nodiflorum* Jacq. (6)
- Annual. Herb. Ht 0.5–1.5 m. Alt 10–2500 m. N, B, LIM, NW, G, M, KZN, L, EC

anguivi Lam.

- S. indicum* of authors, not of L., concept invalid (3)
- S. urosepalum* Dammer (8)

Perennial. Shrub. Ht 1–2 m. Alt 915–1070 m. LIM, M, S, KZN

aranoideum Dammer = **S. supinum** var. **supinum**

auriculatum Aiton = **S. mauritanum**

bifurcum Hochst. ex Dunal = **S. terminale** subsp. **terminale**

burbankii Bitter? = **S. retroflexum**

burchellii Dunal

- S. rangei* Dammer (3)
- S. schaeferi* Dammer (3)
- S. tomentosum* L. var. *burchellii* (Dunal) Wright (1)

Perennial. Shrub or dwarf shrub. Ht 0.3–1 m. Alt 550–1400 m. N, NW?, NC

capense L.

Perennial. Shrub or dwarf shrub. Ht 0.2–0.5 m. Alt 600–1200 m. KZN, EC

***capsicoides** Allioni

- S. ciliatum* Lam. (3)
- S. macowanii* Fourc. (3)

Perennial. Shrub, subshrub. Ht 0.5–1 m. Alt 5–15 m. KZN

catombelense Peyr.

- S. rautanenii* Schinz (1)
- S. sparsiflorum* Dammer (1)

Perennial. Shrub or dwarf shrub. Ht 0.3–1 m. Alt 190–1400 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

***chenopodioides** Lam.

- S. gracile* Dunal (6)
- Annual, perennial. Herb. Ht 0.3–1 m. Alt 30–2440 m. G, FS, KZN, L, NC, EC

chondropetalum Dammer = **S. tettense** var. **renschii**

***chrysostrichum** Schltldl.

- S. hispidum* of authors, not of Pers. (7)
- Perennial. Shrub, tree. Ht 1–4 m. Alt ?–250 m. EC

ciliatum Lam. = **S. capsicoides**

coccineum Jacq. = **S. tomentosum** var. **coccineum**

crassifolium Lam. = **S. africanum**

damarensis Bitter

Perennial. Shrub or dwarf shrub. Ht 0.4–1 m. Alt? N

dasyphyllum Schum. & Thonn. = **S. macrocarpon**

dasyopus Drège ex Dunal = **S. guineense**

delagoense Dunal

- S. omahekense* Dammer (1)
 - S. omitimirensis* Dammer (1)
- Perennial. Shrub or dwarf shrub. Ht 0.5–1.5 m. Alt 60–1670 m. N, B, LIM, NW, G, M, S, KZN, EC?

denudatum Bitter = **S. rigescentoides**

didymanthum Dunal = **S. rubetorum**

dinteri Bitter

Perennial. Shrub, dwarf shrub. Ht 0.3–0.8 m. Alt ?–1000 m. N

duplosinuatatum Klotzsch = **S. macrocarpon**

***elaegnifolium** Cav.

Perennial. Shrub or dwarf shrub. Ht 0.1–0.6 m. Alt 915–1370 m. N, LIM, NW, G, FS, KZN, WC, EC

exasperatum Drège ex Dunal = **S. africanum**

ferrugineum Jacq. = **S. torvum**

geniculatum Drège ex Dunal = **S. africanum**

giftbergense Dunal

Perennial. Shrub or dwarf shrub. Ht 0.3–1 m. Alt 600–915 m. N, NC

giganteum Jacq.

- S. niveum* Thunb. (3)
- Perennial. Tree, shrub. Ht 1–4 m. Alt 5–2000 m. LIM, NW, G, M, S, KZN, WC, EC

goetzei Dammer

Perennial. Shrub. Ht 1–2 m. Alt 60–100 m. KZN

gracile Dunal = **S. chenopodioides**

guineense L.

- S. aggregatum* Jacq. (3)
 - S. dasyopus* Drège ex Dunal (8)
- Perennial. Shrub or dwarf shrub. Ht 0.5–1.5 m. Alt 15–670 m. NC, WC, EC

hermannii of authors, concept invalid = **S. linnaeanum**

heterandrum Pursh = **S. rostratum**

- hispidum* of authors, not of Pers. = **S. chrysotrichum**
incanum of authors, not of L. = **S. lichtensteinii**
indicum of authors, not of L., concept invalid = **S. anguivi**
jasminoides Paxton = **S. laxum**
kwebense N.E.Br. ex C.H.Wright = **S. tettense** var. **renschii**
***laxum** Spreng.
S. jasminoides Paxton (8)
 Perennial. Climber, herb. Ht 0.5–1 m. Alt ?–795 m. WC, EC
- leucophaeum* Dunal = **S. supinum** var. **leucophaeum**
lichtensteinii Willd.
S. incanum of authors, not of L. (3)
 Perennial. Shrub, dwarf shrub. Ht 0.3–2 m. Alt 150–1950 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC
- linnaeanum** Hepper & Jaeger
S. hermannii of authors, concept invalid (4)
S. sodomeum of authors, concept invalid (4)
 Perennial. Shrub. Ht 0.3–1.5 m. Alt 5–1670 m. WC, EC
- litoraneum** A.E.Gonç.
 Perennial. Shrub, subshrub, climber. Ht 0.2–1 m. Alt 5–200 m. KZN
- luederitzii* Schinz = **S. tettense** var. **renschii**
lyratifolium Dammer = **S. supinum** var. **supinum**
macowanii Fourc. = **S. capsicoides**
- macrocarpon** L.
S. acanthoideum Drège ex Dunal (8)
S. dasyphyllum Schum. & Thonn. (8)
S. duplosinuatum Klotzsch (8)
 Perennial. Shrub. Ht 0.5–1.5 m. Alt 35–1525 m. KZN, EC
- *mauritanium** Scop.
S. auriculatum Aiton (3)
 Perennial. Shrub, tree. Ht 1–10 m. Alt 5–1510 m. LIM, NW, G, M, S, KZN, WC, EC
- miniatum* Bernh. ex Willd. = **S. villosum** subsp. **miniatum**
- multiglandulosum** Bitter
 Perennial. Shrub or dwarf shrub. Ht 0.4–1.2 m. Alt 700–1525 m. N
- namaquense** Dammer
 Perennial. Shrub or dwarf shrub. Ht 0.3–0.8 m. Alt 900–1290 m. N, B, FS, NC
- *nigrum** L.
 Annual. Herb. Ht 0.3–0.85 m. Alt 15–2685 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC
- niveum* Thunb. = **S. giganteum**
nodiflorum Jacq. = **S. americanum**
omahekense Dammer = **S. delagoense**
omitiomirensense Dammer = **S. delagoense**
- panduriforme** E.Mey.
 Perennial. Shrub or dwarf shrub, herb. Ht 0.2–0.6 m. Alt 1170–2070 m. LIM, NW, G, M, FS, KZN, L, NC
- pimpinellifolium* L. = **Lycopersicon pimpinellifolium**
- *pseudocapsicum** L.
 Perennial. Shrub. Ht 0.5–2.5 m. Alt 60–2200 m. LIM, NW, G, M, FS, KZN, L, WC, EC
- quadrangulare* L.f. = **S. africanum**
rangei Dammer = **S. burchellii**
rautanenii Schinz = **S. catombelense**
renschii Vatke = **S. tettense** var. **renschii**
- retroflexum** Dunal
S. burbankii Bitter? (6)
 Annual. Herb. Ht 0.15–0.9 m. Alt 10–2730 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- rigescentoides** Hutch.
S. denudatum Bitter (1)
 Perennial. Shrub. Ht 0.5–2 m. Alt 320–1220 m. N
- rogersii* S.Moore = **S. sisymbriifolium**
- *rostratum** Dunal
S. heterandrum Pursh (8)
 Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 1000–1500 m. G, FS, NC, EC
- rubetorum** Dunal
S. didymanthum Dunal (8)
 Perennial. Shrub. Ht 0.5–2 m. Alt 5–2075 m. LIM, NW, G, M, FS, KZN, WC, EC
- *sarrachoides** Sendtn.
 Annual. Herb. Ht 0.3–0.75 m. Alt 5–1435 m. EC
- schaeferi* Dammer = **S. burchellii**
- *seaforthianum** Andrews var. **disjunctum** O.E.Schulz
 Perennial. Climber. Ht 1–3 m. Alt 5–1430 m. N, B, LIM, G, M, S, KZN
- *sisymbriifolium** Lam.
S. rogersii S.Moore (3)
 Perennial. Shrub, herb. Ht 0.3–1.5 m. Alt 5–1740 m. NW, G, M, S, FS, KZN, EC
- sodomaecodes** Kuntze
 Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 1500–2000 m. G, M, FS, KZN, L
- sodomeum* of authors, concept invalid = **S. linnaeanum**
sparsiflorum Dammer = **S. catombelense**
- supinum** Dunal var. **leucophaeum** (Dunal) Bitter
S. leucophaeum Dunal (3)
 Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 1160–1250 m. EC
- supinum** Dunal var. **supinum**
S. aranoideum Dammer (3)
S. lyratifolium Dammer (3)
 Perennial. Shrub or dwarf shrub. Ht 0.2–0.5 m. Alt 915–1800 m. N, B, LIM, NW, G, FS, L, NC, EC
- tenuiramosum* Dammer = **S. tettense** var. **renschii**
- terminale** Forssk. subsp. **terminale**
S. bifurcum Hochst. ex Dunal (8)
 Perennial. Shrub, climber. Ht 1–4 m. Alt 5–1980 m. LIM, M, S, KZN, EC
- tettense** Klotzsch var. **renschii** (Vatke) A.E.Gonç.
S. chondropetalum Dammer (1)
S. kwebense N.E.Br. ex C.H.Wright (5)
S. luederitzii Schinz (1)
S. renschii Vatke (5)
S. tenuiramosum Dammer (1)
S. upingtoniae Schinz (1)
 Perennial. Shrub, herb. Ht 0.5–3 m. Alt 335–1370 m. N, B, LIM, M
- tettense** Klotzsch var. **tettense**
 Perennial. Shrub, herb. Ht 0.5–3 m. Alt? B

tomentosum L. var. *burchellii* (Dunal) Wright = **S. burchellii**

tomentosum L. var. **coccineum** (Jacq.) Willd.
S. coccineum Jacq. (3)
Perennial. Shrub, dwarf shrub. Ht 0.5–1.5 m. Alt 20–1730 m. FS, WC, EC

tomentosum L. var. **tomentosum**
Perennial. Shrub, dwarf shrub. Ht 0.5–1.5 m. Alt 10–1785 m. FS, L, NC, WC, EC

torreanum A.E.Gonç.
Perennial. Shrub, herb, climber. Ht 0.5–1.5 m. Alt 20–330 m. M, S, KZN

***torvum** Swartz
S. ferrugineum Jacq. (2)
Perennial. Shrub, tree. Ht 1–4 m. Alt 10–200 m. KZN

***triflorum** Nutt.
Annual, perennial. Herb, suffrutex. Ht 0.3–0.5 m. Alt ?–2000 m. FS, L, NC, WC, EC

***tuberosum** L.
Perennial. Herb. Ht 0.3–1 m. Alt 1650–2670 m. G, L

upingtoniae Schinz = **S. tettense** var. **renschii**

urosepalum Dammer = **S. anguivi**

usaramense Dammer
Perennial. Climber. Ht 1–5 m. Alt 5–30 m. KZN

***viarum** Dunal
Perennial. Subshrub. Ht 0.5–1 m. Alt 570–835 m. S, KZN

***villosum** Mill. subsp. **miniatum** (Bernh. ex Willd.) Edmonds
S. miniatum Bernh. ex Willd. (6)
Annual, perennial? Herb. Ht 0.2–0.5 m. Alt 5–2440 m. G, NC, EC

***villosum** Mill. subsp. **villosum**
Annual, perennial? Herb. Ht 0.2–0.5 m. Alt 5–2440 m. G, NC, EC

WITHANIA Pauquy 7400000

(1) Henderson & Anderson. 1966. *Memoirs of the Botanical Survey of South Africa* No. 37: 286, 287.

microphysalis Suss. = **W. somnifera**

somnifera (L.) Dunal
Physalis somnifera L. (1)
W. microphysalis Suss. (1)
Perennial. Shrub or dwarf shrub, herb. Ht 0.2–2 m. Alt 15–2300 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

SPHENOCLEACEAE

Compiled by W.G. Welman

SPHENOCLEA Gaertn. 8680000

(1) Welman. 2000. *Bothalia* 30: 31–33.

zeylanica Gaertn.
Annual. Herb, hygrophyte. Ht 0.65–1.5 m. Alt 20–1500 m. N, B, M, S, KZN

STERCULIACEAE

Compiled by C.L. Bredenkamp

COLA Schott & Endl. 5091000

(1) Verdoorn. 1981. *Bothalia* 13: 277–279.
(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 179, 180.

greenwayi Brenan var. **greenwayi**
C. microcarpa Brenan (1)
Perennial. Tree. Ht 1.67–21.33 m. Alt 25–1730 m. M, S, KZN

microcarpa Brenan = **C. greenwayi** var. **greenwayi**

natalensis Oliv.
Perennial. Tree. Ht 3–15 m. Alt 15–610 m. S, KZN, EC

DOMBEYA Cav. 5053000

(1) Baker. 1884. *Journal of the Linnean Society, Botany* 21: 325, 326.
(2) Schumann. 1900. *Monographien Afrikanischer Pflanzenfamilien und Gattungen* 5: 18–40.
(3) Verdoorn. 1953. *The Flowering Plants of Africa* 29: t. 1143.
(4) Arènes. 1958. *Candollea* 16: 247–464.
(5) Wild. 1961. *FZ* 1: 537–549.
(6) Verdoorn. 1967. *The Flowering Plants of Africa* 38: t. 1489.
(7) Friedrich Holzhammer *et al.* 1973. *FSWA* 84: 2, 3.
(8) Verdoorn. 1984. *The Flowering Plants of Africa* 48: t. 1896.

(9) Verdoorn. 1986. *The Flowering Plants of Africa* 49: t. 1921.
(10) Verdoorn & Herman. 1986. *Bothalia* 16: 1–9.
(11) Seyani. 1991. *Opera Botanica Belgica* 2: 1–189.
(12) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 180, 181.

autumnalis I. Verd.
Perennial. Tree, shrub. Ht 1.82–5 m. Alt 600–1370 m. LIM, M

burgessiae Gerrard ex Harv.
D. burgessiae Gerrard ex Harv. var. *crenulata* Szyszyl. (11)
D. calantha K.Schum. (11)
D. elegans K.Schum. in part (11)
Perennial. Shrub. Ht 0.91–4.09 m. Alt 45–1675 m. LIM, M, S, KZN

burgessiae Gerrard ex Harv. var. *crenulata* Szyszyl. = **D. burgessiae**

calantha K.Schum. = **D. burgessiae**

cymosa Harv.
Perennial. Tree, shrub. Ht 1.21–7.62 m. Alt 3–1485 m. LIM, M, S, KZN, EC

damarana K.Schum. = **D. rotundifolia** var. **rotundifolia**

densiflora Planch. ex Harv. = **D. rotundifolia** var. **rotundifolia**

dinteri Schinz = **D. rotundifolia** var. **rotundifolia**

dregeana Sond. = **D. tiliacea**

elegans K.Schum. in part = **D. burgessiae**

elegans K.Schum. in part = **D. tiliacea**

kirkii Mast.

Perennial. Shrub. Ht 1–4.57 m. Alt up to 1000 m. LIM, KZN

natalensis Sond. = **D. tiliacea**

pulchra N.E.Br.

Perennial. Shrub. Ht 1–4 m. Alt 395–1920 m. LIM, G, M, KZN

quinqeseta (Delile) Exell

Perennial. Tree, shrub. Ht up to 0.5 m. Alt? N

rotundifolia (Hochst.) Planch. var. **rotundifolia**

D. damarana K.Schum. (7)

D. densiflora Planch. ex Harv. (5)

D. dinteri Schinz (7)

Perennial. Tree, shrub. Ht 2–10 m. Alt 60–2135 m. N, B, LIM, NW, G, M, S, KZN

rotundifolia (Hochst.) Planch. var. **velutina** I.Verd.

Perennial. Shrub. Ht up to 5 m. Alt up to 1100 m. N

tiliacea (Endl.) Planch.

D. dregeana Sond. (10)

D. elegans K.Schum. in part (10)

D. natalensis Sond. (10)

Perennial. Tree, shrub. Ht 2–9.14 m. Alt 15–1525 m. KZN, EC

HERMANNIA L. 5056000

(1) Schumann. 1900. *Monographieen Afrikanischer Pflanzenfamilien und Gattungen* 5: 47–87.

(2) Dyer. 1954. *The Flowering Plants of Africa* 30: t. 1169.

(3) Wild. 1961. *FZ* 1: 537–549.

(4) Verdoorn. 1969. *The Flowering Plants of Africa* 39: t. 1539.

(5) Verdoorn. 1971. *The Flowering Plants of Africa* 41: tt. 1620, 1628.

(6) Merxmüller. 1973. *FSWA* 84: 3–23.

(7) De Winter. 1974. *Bothalia* 11: 263, 264.

(8) Verdoorn. 1976. *The Flowering Plants of Africa* 43: tt. 1691, 1718.

(9) Verdoorn. 1980. *Bothalia* 13: 1–63.

(10) De Winter. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 401.

(11) Verdoorn. 1986. *The Flowering Plants of Africa* 49: t. 1922.

(12) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 182.

abrotanoides Schrad.

H. haliacaba DC. (9)

H. multifida DC., superfluous name (9)

Mahernia bipinnata L. var. *bipinnata* (12)

Mahernia multifida (DC.) Harv. (12)

Perennial. Herb. Ht 0.08–0.3 m. Alt 885–2700 m. N, NC

abyssinica (Harv.) K.Schum. = **H. stellulata**

adenotricha K.Schum. = **H. stellulata**

affinis K.Schum.

Perennial. Dwarf shrub. Ht 0.2–1 m. Alt 530–900 m. N, NC, WC

alnifolia L.

Perennial. Dwarf shrub. Ht 0.2–2 m. Alt 76–1676 m. NC, WC

althaeifolia L.

Annual, occ. perennial. Herb. Ht 0.1–0.9 m. Alt 61–1676 m. NC, WC, EC

althaeoides Link

H. candicans in sense of Harv. in part, not of Aiton, misapplied name (9)

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 6–671 m. FS, NC, WC, EC

amabilis Marloth ex K.Schum.

Perennial. Dwarf shrub. Ht 0.3–0.75 m. Alt 305–1830 m. N

amoena Dinter ex Friedr.-Holzh.

Perennial. Dwarf shrub. Ht 0.3–0.91 m. Alt 215–1200 m. N, NC, WC

angolensis K.Schum. = **H. eenii**

angularis Jacq.

Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 10–610 m. WC

antonii I.Verd.

Perennial. Herb. Ht ± 0.15 m. Alt ± 1936 m. LIM, M

arabica Hochst. & Steud. ex Fisch. = **H. modesta**

argentea Sm. = **H. pulverata**

argillicola Dinter ex Friedr.-Holzh.

Annual, occ. perennial. Herb. Ht ± 0.25 m. Alt? N

asbestina Schltr. = **H. spinosa**

aspera J.C.Wendl.

Perennial. Shrub. Ht 0.45–2 m. Alt 300–1065 m. NC, WC

aspericaulis Dinter & Engl. = **H. spinosa**

auricoma (Szyszyl.) K.Schum.

H. medleyi Engl. (12)

Annual, occ. perennial. Herb. Ht ± 0.3 m. Alt 535–1065 m. M, S, KZN

ausana Dinter = **H. comosa**

betonicifolia Eckl. & Zeyh. = **H. geniculata**

bicolor Engl. & Dinter

Perennial. Herb. Ht 0.1–0.3 m. Alt 914–1372 m. N, B, FS, NC

bolusii Szyszyl. = **H. pulverata**

boraginiflora Hook.

Perennial. Dwarf shrub. Ht 0.2–0.4 m. Alt 168–1700 m. N, B, LIM, NW, G, M, S, NC

brachymalla K.Schum.

Perennial. Prostrate herb. Length ± 0.3 m. Alt up to 2000 m. M

brachypetala Harv. = **H. tomentosa**

brandtii Engl. ex Dinter, seminaked name = **H. eenii**

bryoniifolia Burch.

Perennial. Dwarf shrub. Ht up to 0.5 m. Alt up to 1300 m. FS, NC, EC

burchellii (Sweet) I.Verd.

Mahernia grandiflora DC. var. *burchellii* Harv. (12)

Perennial. Shrub, dwarf shrub. Ht 0.45–1.15 m. Alt 800–1220 m. N, B, FS, NC

burkei Burtt Davy

Perennial. Herb, climber. Ht 0.15–0.6 m. Alt 550–1420 m. B, LIM, NW, FS, NC, WC, EC

cana K.Schum. = **H. pulverata**

candicans Aiton = **H. incana**

candicans in sense of Harv. in part, not of Aiton, misapplied name = **H. althaeoides**

- candidissima* A.Spreng. = **H. vestita**
cavanillesiana Eckl. & Zeyh. in part = **H. lavandulifolia**
cavanillesiana in sense of Harv. in part, not of Eckl. & Zeyh., misapplied name = **H. diversistipula** var. **graciliflora**
- cernua** Thunb.
Mahernia nana Eckl. & Zeyh. (12)
 Annual, occ. perennial. Herb. Ht 0.05–0.25 m. Alt 230–2800 m. NW, M, FS, L, NC, WC, EC
- chrysantha* E.Mey. ex Turcz., not of Harv. = **H. geniculata**
- chrysanthemifolia* E.Mey. ex Harv. = **H. paucifolia**
chrysophylla Eckl. & Zeyh. in part = **H. involucrata**
chrysophylla Eckl. & Zeyh. in part = **H. salviifolia** var. **salviifolia**
- citrusdalensis** Pillans ms. (never published)
 WC
- coccocarpa** (Eckl. & Zeyh.) Kuntze
Mahernia coccocarpa Eckl. & Zeyh. (12)
 Annual, occ. perennial. Herb. Ht 0.1–0.3 m. Alt 640–2590 m. NW, M, FS, KZN, L, NC, WC, EC
- collina* Schltld. = **H. stipitata**
- comosa** Burch. ex DC.
H. ausana Dinter (9)
H. leucophylla C.Presl (9)
 Perennial. Herb. Ht 0.1–1.06 m. Alt 105–2000 m. N, B, NW, M, FS, NC, WC, EC
- complicata** Engl.
 Perennial. Dwarf shrub. Ht ± 0.2 m. Alt ± 700 m. N
- concinifolia** I. Verd.
 Perennial. Dwarf shrub. Ht 0.15–0.9 m. Alt 30–300 m.
 WC
- confusa** T.M.Salter
H. tenuifolia Eckl. & Zeyh., not of Sims (9)
 Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 130–765 m.
 NC, WC, EC
- conglomerata** Eckl. & Zeyh.
 Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 20–610 m.
 WC, EC
- cordata** (E.Mey. ex E.Phillips) De Winter
 Annual, occ. perennial. Herb. Ht ± 0.1 m. Alt ± 1750 m. NW, FS, EC
- cordifolia** Harv.
 Perennial. Dwarf shrub. Ht ± 1 m. Alt? M, FS
- cristata** Bolus
 Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 762–2000 m. LIM, M, S, FS, KZN, EC
- cuneifolia* in sense of Harv. in part, not of Jacq., misapplied name = **H. multiflora**
- cuneifolia** Jacq. var. **cuneifolia**
H. pallens Eckl. & Zeyh. (6)
 Perennial. Dwarf shrub. Ht 0.05–0.9 m. Alt 30–2250 m. L, NC, WC, EC
- cuneifolia** Jacq. var. **glabrescens** (Harv.) I. Verd.
H. pallens Eckl. & Zeyh. var. *glabrescens* Harv. in part (9)
 Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 100–1980 m. FS, L, NC, WC, EC
- damarana** Baker f.
H. lindquistii Engl. (9)
- Perennial. Dwarf shrub. Ht 0.3–0.4 m. Alt up to 1150 m. N, B, NW
- decipiens** E.Mey. ex Harv.
 Perennial. Shrub, dwarf shrub. Ht 0.3–1.3 m. Alt 150–1370 m. WC, EC
- decumbens** Willd. ex Spreng.
H. decumbens Willd. ex Spreng. var. *argyrata* (C.Presl) Harv. (9)
H. decumbens Willd. ex Spreng. var. *collina* (Eckl. & Zeyh.) Harv. (9)
H. decumbens Willd. ex Spreng. var. *hispida* Harv. (9)
 Perennial. Dwarf shrub. Ht 0.25–0.3 m. Alt 5–355 m.
 WC
- decumbens* Willd. ex Spreng. var. *argyrata* (C.Presl) Harv. = **H. decumbens**
- decumbens* Willd. ex Spreng. var. *collina* (Eckl. & Zeyh.) Harv. = **H. decumbens**
- decumbens* Willd. ex Spreng. var. *hispida* Harv. = **H. decumbens**
- denudata** L.f. var. **denudata**
 Perennial. Shrub. Ht 0.6–2 m. Alt 450–1220 m. NC, WC
- denudata** L.f. var. **erecta** (N.E.Br.) Burt Davy & Greenway
H. erecta N.E.Br. (9)
 Perennial. Shrub, dwarf shrub. Ht 0.4–2 m. Alt up to 1340 m. LIM, M
- depressa** N.E.Br.
Mahernia erodioides Burch. ex DC. var. *latifolia* Harv. (3)
 Perennial. Herb. Ht 0.03–0.4 m. Alt 90–2000 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- desertorum** Eckl. & Zeyh.
 Perennial. Dwarf shrub. Ht 0.15–0.6 m. Alt 30–1370 m. N, NC, WC, EC
- diffusa** L.f.
Mahernia bipinnata L. var. *acutifolia* Harv. (7)
Mahernia bipinnata L. var. *glandulosa* Harv. (7)
Mahernia pilosula Harv. (7)
Mahernia pilosula Harv. var. *latifolia* Harv. (7)
 Perennial. Dwarf shrub. Ht 0.1–0.45 m. Alt 185–975 m. N, NC, WC, EC
- disermifolia** Jacq.
 Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt 170–1065 m. N, NC, WC
- disticha** Schrad.
 Perennial. Shrub, dwarf shrub. Ht 0.3–0.9 m. Alt 270–610 m. WC
- diversistipula** C.Presl ex Harv. var. **diversistipula**
H. diversistipula C.Presl ex Harv. var. *nana* Harv. (9)
 Perennial. Dwarf shrub. Ht 0.1–0.6 m. Alt 60–460 m. N, WC, EC
- diversistipula** C.Presl ex Harv. var. **graciliflora** I. Verd.
H. cavanillesiana in sense of Harv. in part, not of Eckl. & Zeyh., misapplied name (12)
 Perennial. Shrub, dwarf shrub. Ht 0.1–0.9 m. Alt 15–700 m. WC, EC
- diversistipula* C.Presl ex Harv. var. *nana* Harv. = **H. diversistipula** var. **diversistipula**
- dryadiphylla* (Eckl. & Zeyh.) Harv. = **H. muricata**
- eenii** Baker f.
H. angolensis K.Schum. (9)
H. brandtii Engl. ex Dinter, seminaked name (9)
H. seineri Engl. var. *latifolia* Engl. (9)
 Perennial. Herb. Ht ± 0.5 m. Alt 260–1372 m. N, B, NW, NC

- elliottiana** (Harv.) K.Schum.
Mahernia elliottiana Harv. (6)
Perennial. Dwarf shrub. Ht 0.45–0.55 m. Alt up to 1830 m. N
- engleri** Schinz
H. seitziana Engl. (9)
Perennial. Shrub, dwarf shrub. Ht 0.3–0.9 m. Alt 30–900 m. N, B
- erecta* N.E.Br. = **H. denudata** var. **erecta**
- erodioides** (Burch. ex DC.) Kuntze
H. resedifolia (Burch.) R.A.Dyer (12)
Mahernia erodioides Burch. ex DC. (12)
Mahernia resedaefolia Burch. (12)
Annual, occ. perennial. Herb. Ht 0.15–0.5 m. Alt 900–1500 m. N, B, NW, G, FS, L, NC, WC, EC
- exilis* Burtt Davy = **H. stellulata**
- exstipulata* E.Mey. ex Harv. = **H. gariepina**
- filifolia** L.f. var. **filifolia**
H. filifolia L.f. var. *passerinoides* Harv. (9)
H. gilfillanii N.E.Br. (9)
Perennial. Dwarf shrub. Ht 0.15–1 m. Alt 100–1830 m. FS, NC, WC, EC
- filifolia** L.f. var. **grandicalyx** I.Verd.
H. linifolia in sense of Harv., not of Burm.f., misapplied name (9)
Perennial. Dwarf shrub. Ht 0.1–0.91 m. Alt 305–1402 m. NC, WC, EC
- filifolia* L.f. var. *passerinoides* Harv. = **H. filifolia** var. **filifolia**
- filifolia** L.f. var. **robusta** I.Verd.
Perennial. Dwarf shrub. Ht 0.3–1 m. Alt 30–610 m. WC, EC
- filipes* Harv. = **H. modesta**
- flammea** Jacq.
H. orophila Eckl. & Zeyh. (9)
Perennial. Dwarf shrub. Ht 0.07–0.65 m. Alt 5–1158 m. NC, WC, EC
- flammula** Harv.
Perennial. Dwarf shrub. Ht 0.25–0.6 m. Alt 45–1005 m. WC, EC
- floribunda** Harv.
Perennial. Shrub, dwarf shrub. Ht 0.6–1.2 m. Alt 950–1705 m. LIM, NW, G, M, L
- fruticulosa** K.Schum.
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 975–1100 m. N, NC
- gariepina** Eckl. & Zeyh.
H. exstipulata E.Mey. ex Harv. (9)
H. nivea Schinz (9)
Perennial. Dwarf shrub. Ht 0.22–0.91 m. Alt 90–1500 m. N, FS, NC
- geminiflora* Dinter & Engl. = **H. stellulata**
- geniculata** Eckl. & Zeyh.
H. betonicifolia Eckl. & Zeyh. (12)
H. chrysantha E.Mey. ex Turcz., not of Harv. (12)
Mahernia betonicifolia (Eckl. & Zeyh.) Harv. (12)
Perennial. Dwarf shrub. Ht up to 0.15 m. Alt 518–2060 m. LIM, G, M, FS, KZN, L, EC
- gerrardii** Harv.
H. macowanii (Szyszyl.) Schinz (12)
Mahernia chrysantha Planch. ex Harv., not of E.Mey. in Turcz. (12)
Perennial. Herb. Ht ± 0.3 m. Alt up to 1705 m. NW, M, KZN, EC
- gilfillanii* N.E.Br. = **H. filifolia** var. **filifolia**
- glabrata** L.f.
H. linearis (Harv.) Hochr. (7)
Mahernia glabrata (L.f.) Cav. (7)
Mahernia linearis Harv. (7)
Perennial. Dwarf shrub. Ht 0.15–0.76 m. Alt 15–1465 m. KZN, NC, WC, EC
- glanduligera** K.Schum.
H. viscosa in sense of Burtt Davy, not of Hiern, misapplied name (9)
Perennial. Dwarf shrub, herb. Ht 0.3–0.6 m. Alt 151–1870 m. N, B, LIM, NW, G, M, S, KZN, NC
- glandulosissima** Engl.
Perennial. Dwarf shrub. Ht up to 0.45 m. Alt? N
- gracilis** Eckl. & Zeyh.
Perennial. Shrub, dwarf shrub. Ht 0.5–1.2 m. Alt 91–1035 m. NC, WC, EC
- grandiflora** Aiton
Perennial. Shrub, dwarf shrub. Ht 0.15–2 m. Alt 335–1400 m. NC, WC, EC
- grandifolia** N.E.Br.
Annual, occ. perennial. Herb. Ht 0.35–0.5 m. Alt 455–1770 m. LIM, G, M, S, KZN
- grandistipula** (Buchinger ex Hochst.) K.Schum.
Mahernia grandistipula Buchinger ex Hochst. (12)
Perennial. Herb. Ht 0.1–0.3 m. Alt 5–1830 m. NW, G, M, S, KZN, EC
- grisea** Schinz
Perennial. Dwarf shrub. Ht 0.2–1 m. Alt 795–1290 m. LIM, NW, G, M
- grossularifolia** L.
H. vesicaria Cav. (7)
Mahernia ovata E.Mey. ex Turcz. (7)
Mahernia vesicaria (Cav.) DC. (7)
Perennial. Dwarf shrub. Ht 0.1–0.4 m. Alt 107–2743 m. WC
- guerkeana** K.Schum.
Perennial. Dwarf shrub. Ht 0.2–0.63 m. Alt 765–930 m. N, B
- halicacaba* DC. = **H. abrotanoides**
- helianthemum** K.Schum.
Perennial. Dwarf shrub. Ht 0.25–0.6 m. Alt? N, NC, WC
- helicoidea** I.Verd.
Perennial. Dwarf shrub. Ht? Alt up to 330 m. WC
- heterophylla** (Cav.) Thunb.
H. humifusa Hochr. (12)
H. humilis Thunb. (12)
Mahernia heterophylla Cav. (12)
Perennial. Shrub, dwarf shrub. Ht 0.3–0.91 m. Alt 30–335 m. NC, WC
- hirsuta* Schrad., not of Mill. = **H. repetenda**
- hispidula** Rchb.f.
Perennial. Suffrutex, branches ascending. Length ± 0.3 m. Alt up to 300 m. WC
- holosericea** Jacq.
Perennial. Shrub, dwarf shrub. Ht 0.3–1.2 m. Alt 50–457 m. WC, EC
- holubii* Burtt Davy = **H. modesta**
- humifusa* Hochr. = **H. heterophylla**
- humilis* Thunb. = **H. heterophylla**

hyssopifolia L.

Perennial. Shrub, dwarf shrub. Ht 0.3–3 m. Alt 5–700 m. WC, EC

hyssopifolia L. var. *integerrima* Schinz = **H. salviifolia** var. **oblonga**

incana Cav.

H. candicans Aiton (9)

Perennial. Shrub, dwarf shrub. Ht 0.1–1.82 m. Alt 215–1005 m. NC, WC, EC

involucrata Cav.

H. chrysophylla Eckl. & Zeyh. in part (9)

Perennial. Shrub, dwarf shrub. Ht 0.3–1.52 m. Alt 155–1065 m. WC, EC

jacobeifolia (Turcz.) R.A.Dyer

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 900–1280 m. N, G, M, FS, KZN, NC, WC

johanssenii N.E.Br.

Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 700–1585 m. NC, WC

joubertiana Harv.

Perennial. Shrub, dwarf shrub. Ht 0.3–0.91 m. Alt 5–550 m. WC

juttae Dinter & Engl.

H. rehobothensis Friedr.-Holzh. (9)

Perennial. Herb. Ht up to 0.45 m. Alt? N

kirkii Mast. = **H. modesta**

lacera (E.Mey. ex Harv.) Fourc.

Mahernia scabra Eckl. & Zeyh., not of *H. scabra* Cav. (12)

Annual, occ. perennial. Herb. Ht 0.2–0.6 m. Alt 15–1370 m. NC, WC, EC

lancifolia Szyszyl.

Mahernia angustifolia in sense of Harv., not of Turcz., misapplied name (12)

Mahernia tomentosa Harv. in part, not of Turcz. (9)

Perennial. Herb. Ht 0.05–0.5 m. Alt up to 2200 m. LIM, NW, G, M, FS

latifolia Jacq. = **H. salviifolia** var. **salviifolia**

lavandulifolia L.

H. cavanillesiana Eckl. & Zeyh. in part (9)

Perennial. Dwarf shrub. Ht 0.22–0.6 m. Alt 15–1000 m. WC

leucantha Schldtl.

Annual. Herb. Ht up to 0.4 m. Alt up to 245 m. N, NC

leucophylla C.Presl = **H. comosa**

lindquistii Engl. = **H. damarana**

linearifolia Harv.

Perennial. Shrub, dwarf shrub. Ht 0.15–1 m. Alt 167–1465 m. NW, FS, NC, WC, EC

linearis (Harv.) Hochr. = **H. glabrata**

linifolia Burm.f.

H. scoparia (Eckl. & Zeyh.) Harv. (9)

Perennial. Suffrutex, decumbent. Ht ± 0.3 m. Alt 30–1280 m. WC, EC

linifolia in sense of Harv., not of Burm.f., misapplied name = **H. filifolia** var. **grandicalyx**

linnaeoides (Burch.) K.Schum.

Mahernia linnaeoides Burch. (12)

Perennial. Herb. Ht ± 0.1 m. Alt up to 1370 m. B, NW, FS, NC, WC, EC

litoralis I.Verd. (insufficiently known)

Perennial. Herb. Ht ± 0.3 m. Alt up to 1387 m. WC

longiramosa Engl. = **H. tomentosa**

lugardii N.E.Br. = **H. modesta**

macowanii (Szyszyl.) Schinz = **H. gerrardii**

macra Schltr.

Perennial. Dwarf shrub. Ht 0.2–0.76 m. Alt 40–855 m. N, NC

malvifolia N.E.Br.

Perennial. Herb. Ht up to 0.3 m. Alt up to 2440 m. KZN

marginata (Turcz.) Pillans

Perennial. Herb. Ht up to 0.25 m. Alt 700–1350 m. NC, WC

medleyi Engl. = **H. auricoma**

merxmulleri Friedr.-Holzh.

Perennial. Shrub. Ht ± 2 m. Alt? N

micans Schrad. = **H. salviifolia** var. **salviifolia**

micrantha Adamson

Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 230–305 m. WC

micropetala Harv.

Perennial. Dwarf shrub. Ht 0.6–0.76 m. Alt up to 75 m. KZN

mildbraedii Dinter = **H. tigrensis**

minimifolia Friedr.-Holzh.

Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt up to 800 m. N

minutiflora Engl.

Perennial. Dwarf shrub. Ht 0.03–0.6 m. Alt 100–2116 m. N, NC

modesta (Ehrenb.) Mast.

H. arabica Hochst. & Steud. ex Fisch. (9)

H. filipes Harv. (9)

H. holubii Burt Davy (9)

H. kirkii Mast. (9)

H. lugardii N.E.Br. (9)

Perennial. Dwarf shrub, herb. Ht 0.05–1 m. Alt 155–2000 m. N, B, LIM, NW, FS, NC, WC, EC

montana N.E.Br.

H. rogersii Burt Davy (12)

Perennial. Dwarf shrub. Ht 0.06–0.3 m. Alt up to 2255 m. LIM, M

mucronulata Turcz.

Perennial. Dwarf shrub. Ht 0.45–1.25 m. Alt 305–655 m. EC

muirii Pillans

Perennial. Dwarf shrub. Ht 0.38–0.5 m. Alt 155–366 m. WC

multifida DC., superfluous name = **H. abrotanoides**

multiflora Jacq.

H. cuneifolia in sense of Harv. in part, not of Jacq., misapplied name (9)

Perennial. Dwarf shrub. Ht 0.3–0.75 m. Alt 5–1036 m. FS, NC, WC, EC

muricata Eckl. & Zeyh.

H. dryadiphylla (Eckl. & Zeyh.) Harv. (9)

Perennial. Dwarf shrub. Ht 0.3–0.61 m. Alt 365–945 m. NC, WC, EC

myrrhifolia Thunb. = **H. procumbens** subsp. **myrrhifolia**

- natalensis* Szyszyl. = **H. oblongifolia**
- nivea* Schinz = **H. gariepina**
- oblongifolia** (Harv.) Hochr.
H. natalensis Szyszyl. (12)
Mahernia oblongifolia Harv. (12)
Perennial. Herb. Ht ± 0.07 m. Alt up to 1675 m. G, M, FS, KZN, EC
- odorata** Aiton
Perennial. Shrub, dwarf shrub. Ht 0.3–1.52 m. Alt 300–1220 m. WC, EC
- oligantha* T.M.Salter = **H. rigida**
- oligosperma** K.Schum.
Perennial. Dwarf shrub. Ht up to 1.22 m. Alt up to 2135 m. KZN, L
- orophila* Eckl. & Zeyh. = **H. flammea**
- pallens* Eckl. & Zeyh. = **H. cuneifolia** var. **cuneifolia**
- pallens* Eckl. & Zeyh. var. *glabrescens* Harv. in part = **H. cuneifolia** var. **glabrescens**
- parviflora** Eckl. & Zeyh.
Mahernia parviflora (Eckl. & Zeyh.) Harv. (12)
Perennial. Dwarf shrub. Ht 0.2–0.25 m. Alt 15–2161 m. M, FS, KZN, L, EC
- parvula** Burtt Davy
Perennial. Dwarf shrub. Ht 0.1–0.25 m. Alt 800–1675 m. B, LIM, NW, G, M
- patellicalyx* Engl. = **H. pfeilii**
- patula* Harv. = **H. scabra**
- paucifolia** Turcz.
H. chrysanthemifolia E.Mey. ex Harv. (9)
Perennial. Dwarf shrub. Ht 0.12–0.4 m. Alt 260–1065 m. N, NC, WC
- pedunculata* E.Phillips = **H. scabra**
- pfeilii** K.Schum.
H. patellicalyx Engl. (9)
Perennial. Dwarf shrub. Ht 0.25–0.76 m. Alt 60–660 m. N, NC
- pillansii** Compton
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt up to 1300 m. WC
- pinnata** L.
Mahernia verticillata L. (7)
Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 5–365 m. NC, WC
- presliana* Turcz. = **H. scabra**
- prismatocarpa** E.Mey. ex Harv.
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 5–915 m. WC, EC
- procumbens** Cav. subsp. **myrrhifolia** (Thunb.) De Winter
H. myrrhifolia Thunb. (7)
Perennial. Herb. Ht up to 0.25 m. Alt up to 45 m. WC
- procumbens** Cav. subsp. **procumbens**
Perennial. Herb. Ht up to 0.25 m. Alt? WC
- pseudo-mildbraedii* Dinter & Engl. = **H. tigrensis**
- pulchella** L.f.
H. vernicata (Burch.) K.Schum. (7)
Mahernia pulchella (L.f.) Cav. (7)
Mahernia vernicata Burch. (7)
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 460–1525 m. N, FS, NC, WC, EC
- pulverata** Andrews
H. argentea Sm. (9)
H. bolusii Szyszyl. (9)
H. cana K.Schum. (9)
Perennial. Herb. Ht 0.08–0.3 m. Alt 215–1220 m. NW, FS, NC, WC, EC
- quartiniana** A.Rich.
Perennial. Herb, prostrate. Length up to 0.3 m. Alt up to 1500 m. N, LIM, NW
- rautanenii** Schinz ex K.Schum.
H. violifolia Engl. ex Dinter (12)
Perennial. Herb. Ht ± 0.3 m. Alt 945–1900 m. N, B, LIM
- rehobothensis* Friedr.-Holzh. = **H. juttae**
- repetenda** I.Verd.
H. hirsuta Schrad., not of Mill. (9)
Perennial. Dwarf shrub. Ht 0.5–1.5 m. Alt 305–1220 m. WC, EC
- resedifolia* (Burch.) R.A.Dyer = **H. erodioides**
- rigida** Harv.
H. oligantha T.M.Salter (9)
Perennial. Dwarf shrub. Ht 0.3–1.3 m. Alt 610–915 m. NC, WC
- rogersii* Burtt Davy = **H. montana**
- rudis** N.E.Br.
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 5–220 m. WC
- rugosa** Adamson
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 460–530 m. WC
- saccifera** (Turcz.) K.Schum.
Perennial. Dwarf shrub. Ht 0.25–0.3 m. Alt 45–816 m. WC, EC
- salviifolia** L.f. var. **grandistipula** Harv.
Perennial. Shrub, dwarf shrub. Ht 0.3–1.22 m. Alt ?–610 m. NC, WC, EC
- salviifolia** L.f. var. **oblonga** Harv.
H. hyssopifolia L. var. *integerrima* Schinz (9)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.22 m. Alt 60–455 m. WC
- salviifolia* L.f. var. **ovalis** Harv. in part = **H. salviifolia** var. **salviifolia**
- salviifolia** L.f. var. **salviifolia**
H. chrysophylla Eckl. & Zeyh. in part (9)
H. latifolia Jacq. (9)
H. micans Schrad. (9)
H. salviifolia L.f. var. *ovalis* Harv. in part (9)
Perennial. Shrub, dwarf shrub. Ht 0.38–1.5 m. Alt 5–1280 m. WC, EC
- sandersonii** Harv.
Perennial. Dwarf shrub. Ht 0.3–0.5 m. Alt 610–765 m. KZN
- scabra** Cav.
H. patula Harv. (9)
H. pedunculata E.Phillips (9)
H. presliana Turcz. (9)
Perennial. Dwarf shrub. Ht 0.3–0.8 m. Alt 60–1070 m. NC, WC
- scabricalis** T.M.Salter
Annual, occ. perennial. Herb. Ht up to 0.35 m. Alt? WC

schinzii K.Schum. = **H. stellulata**

schlechteriana Schinz ex K.Schum.

Perennial. Dwarf shrub. Ht 0.4–0.7 m. Alt up to 1465 m. KZN, EC

scoparia (Eckl. & Zeyh.) Harv. = **H. linifolia**

scordifolia Jacq.

H. scordifolia Jacq. var. *integriuscula* Harv. (9)

Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 5–610 m. NC, WC

scordifolia Jacq. var. *integriuscula* Harv. = **H. scordifolia**

seineri Engl.

Perennial. Herb. Ht up to 0.35 m. Alt? N, B

seineri Engl. var. *latifolia* Engl. = **H. eenii**

seitziana Engl. = **H. engleri**

sinuata Burt Davy = **H. stellulata**

sisymbriifolia (Turcz.) Hochr.

Mahernia sisymbriifolia Turcz. (12)

Perennial. Shrub, dwarf shrub. Ht 0.25–0.76 m. Alt 100–1510 m. NC, WC

solaniflora K.Schum.

Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt ?–700 m. N, NC

spinosa E.Mey. ex Harv.

H. asbestina Schltr. (9)

H. aspericaulis Dinter & Engl. (9)

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 90–1270 m. N, FS, NC, WC, EC

staurostemon K.Schum.

Perennial. Shrub, dwarf shrub. Ht 0.3–0.75 m. Alt up to 1980 m. LIM, G, M, S, FS

stellulata (Harv.) K.Schum.

H. abyssinica (Harv.) K.Schum. (1)

H. adenotricha K.Schum. (1)

H. exilis Burt Davy (12)

H. geminiflora Dinter & Engl. (1)

H. schinzii K.Schum. (1)

H. sinuata Burt Davy (12)

Mahernia abyssinica Hochst. ex Harv. (1)

Mahernia stellulata Harv. (12)

Perennial. Prostrate herb. Length ± 0.3 m. Alt? N, B, LIM, NW, G, M, FS, KZN, NC, EC

stipitata Pillans

H. collina Schldl. (12)

Perennial. Herb. Ht up to 0.2 m. Alt 305–795 m. N, NC, WC

stipulacea Lehm. ex Eckl. & Zeyh.

Perennial. Dwarf shrub. Ht 0.19–0.6 m. Alt 120–945 m. WC, EC

stricta (E.Mey. ex Turcz.) Harv.

Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 90–1300 m. N, NC, WC

suavis C.Presl ex Harv.

Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 20–230 m. WC, EC

sulcata Harv.

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt up to 914 m. WC, EC

tenella Dinter & Schinz = **H. tigrensis**

tenuifolia Eckl. & Zeyh., not of Sims = **H. confusa**

ternifolia C.Presl ex Harv.

Perennial. Shrub, dwarf shrub. Ht 0.15–1.2 m. Alt 5–270 m. WC

tigrensis Hochst.

H. mildbraedii Dinter (9)

H. pseudo-mildbraedii Dinter & Engl. (9)

H. tenella Dinter & Schinz (9)

Annual. Herb. Ht 0.2–0.45 m. Alt up to 1300 m. N

tomentosa (Turcz.) Schinz ex Engl.

H. brachypetala Harv. (9)

H. longiramosa Engl. (6)

Mahernia tomentosa Harv. in part, not of Turcz. (9)

Mahernia tomentosa Turcz. (9)

Perennial. Herb. Ht 0.05–0.6 m. Alt 460–1525 m. N, B, LIM, NW, G, M, FS, NC

transvaalensis Schinz

Perennial. Herb. Ht 0.05–0.22 m. Alt up to 2135 m. G, M, FS, KZN

trifoliata L.

Perennial. Dwarf shrub. Ht 0.19–1.5 m. Alt 5–850 m. NC, WC

trifurca L.

H. trifurcata according to Cav., DC.; Harv. (9)

Perennial. Dwarf shrub. Ht 0.03–1.82 m. Alt 30–850 m. N, NC, WC

trifurcata according to Cav., DC.; Harv. = **H. trifurca**

umbratica I.Verd.

Annual, occ. perennial. Herb. Ht up to 0.15 m. Alt up to 1610 m. LIM, NW, G

velutina DC.

Perennial. Shrub, dwarf shrub. Ht 0.7–3 m. Alt 5–1125 m. S, KZN, WC, EC

vernicata (Burch.) K.Schum. = **H. pulchella**

veronicifolia (Eckl. & Zeyh.) Hochr.

Mahernia veronicifolia Eckl. & Zeyh. (12)

Perennial. Dwarf shrub. Ht up to 0.45 m. Alt 155–915 m. WC, EC

vesicaria Cav. = **H. grossularifolia**

vestita Thunb.

H. candidissima A.Spreng. (9)

Biennial. Dwarf shrub. Ht 0.1–0.75 m. Alt up to 1340 m. N, FS, NC, WC, EC

violacea (Burch. ex DC.) K.Schum.

Mahernia violacea Burch. ex DC. (12)

Perennial. Herb, procumbent. Length ± 0.4 m. Alt 610–1341 m. EC

violifolia Engl. ex Dinter = **H. rautanenii**

viscosa Hiern

Biennial. Dwarf shrub. Ht up to 0.5 m. Alt? N

viscosa in sense of Burt Davy, not of Hiern, misapplied name = **H. glanduligera**

woodii Schinz

Perennial. Herb. Ht 0.09–0.15 m. Alt up to 2200 m. LIM, NW, FS, KZN, L, EC

MAHERNIA Schum.

5056010

abyssinica Hochst. ex Harv. = **Hermannia stellulata**

angustifolia in sense of Harv., not of Turcz., misapplied name = **Hermannia lancifolia**

betonicifolia (Eckl. & Zeyh.) Harv. = **Hermannia geniculata**

bipinnata L. var. *acutifolia* Harv. = **Hermannia diffusa**

bipinnata L. var. *bipinnata* = **Hermannia abrotanoides**

bipinnata L. var. *glandulosa* Harv. = **Hermannia dif-fusa**

chrysantha Planch. ex Harv., not of E.Mey in Turcz. = **Hermannia gerrardii**

coccocarpa Eckl. & Zeyh. = **Hermannia coccocarpa**
elliottiana Harv. = **Hermannia elliottiana**

erodioides Burch. ex DC. = **Hermannia erodioides**
erodioides Burch. ex DC. var. *latifolia* Harv. = **Hermannia depressa**

glabrata (L.f.) Cav. = **Hermannia glabrata**
grandiflora DC. var. *burchellii* Harv. = **Hermannia burchellii**

grandistipula Buchinger ex Hochst. = **Hermannia grandistipula**

heterophylla Cav. = **Hermannia heterophylla**

linearis Harv. = **Hermannia glabrata**

linnaeoides Burch. = **Hermannia linnaeoides**

multifida (DC.) Harv. = **Hermannia abrotanoides**

nana Eckl. & Zeyh. = **Hermannia cernua**

oblongifolia Harv. = **Hermannia oblongifolia**

ovata E.Mey. ex Turcz. = **Hermannia grossularifolia**
parviflora (Eckl. & Zeyh.) Harv. = **Hermannia parviflora**

pilosula Harv. = **Hermannia diffusa**

pilosula Harv. var. *latifolia* Harv. = **Hermannia diffusa**

pulchella (L.f.) Cav. = **Hermannia pulchella**

resedaefolia Burch. = **Hermannia erodioides**

scabra Eckl. & Zeyh., not of *H. scabra* Cav. = **Hermannia lacera**

sisymbriifolia Turcz. = **Hermannia sisymbriifolia**

stellulata Harv. = **Hermannia stellulata**

tomentosa Harv. in part, not of Turcz. = **Hermannia lancifolia**

tomentosa Harv. in part, not of Turcz. = **Hermannia tomentosa**

tomentosa Turcz. = **Hermannia tomentosa**

vernicata Burch. = **Hermannia pulchella**

veronicifolia Eckl. & Zeyh. = **Hermannia veronicifolia**

verticillata L. = **Hermannia pinnata**

vesicaria (Cav.) DC. = **Hermannia grossularifolia**

violacea Burch. ex DC. = **Hermannia violacea**

MELHANIA Forssk. 5047000

(1) Wild. 1961. *FZ* 1: 528–535.

(2) Verdoorn. 1981. *Bothalia* 13: 263–273.

(3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 183.

(4) Thulin. 1999. *Nordic Journal of Botany* 19: 193–197.

acuminata Mast. var. **acuminata**

Perennial. Dwarf shrub. Ht 0.3–0.65 m. Alt 62–1525 m. N, B, LIM, NW, G, M, KZN, EC

acuminata Mast. var. **agnosta** (K.Schum.) Wild
M. agnosta K.Schum. (2)

Perennial. Dwarf shrub. Ht 0.5–1 m. Alt up to 1400 m. B, LIM, NW

agnosta K.Schum. = **M. acuminata** var. **agnosta**

albicans Baker f. = **M. burchellii**

bolusii Burt Davy = **M. virescens**

burchellii DC.

M. albicans Baker f. (2)

Perennial. Herb. Ht 0.1–1 m. Alt 950–1366 m. N, B, LIM, NW, M, NC

damarana Harv.

Perennial. Dwarf shrub. Ht 0.4–0.6 m. Alt up to 1830 m. N, B, NC

didyma Eckl. & Zeyh.

Perennial. Dwarf shrub. Ht 0.22–0.6 m. Alt 40–1372 m. B, LIM, NW, M, S, KZN, EC

didyma Eckl. & Zeyh. var. *linearifolia* (Sond.) Szyszyl. = **M. prostrata**

forbesii Planch. ex Mast.

Perennial. Shrub, dwarf shrub. Ht 0.1–1.25 m. Alt 45–1669 m. N, B, LIM, M, S, KZN

griquensis Bolus in part = **M. rehmannii**

griquensis Bolus in part = **M. virescens**

integra I. Verd.

Perennial. Dwarf shrub. Ht 0.35–0.76 m. Alt 975–1830 m. LIM, NW

linearifolia Sond. = **M. prostrata**

polygama I. Verd.

Perennial. Dwarf shrub. Ht up to 0.35 m. Alt? KZN

prostrata DC.

M. didyma Eckl. & Zeyh. var. *linearifolia* (Sond.) Szyszyl. (2)

M. linearifolia Sond. (2)

Perennial. Dwarf shrub. Ht 0.15–1 m. Alt 152–2900 m. LIM, NW, G, M, S, FS, KZN, EC

randii Baker f.

Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt up to 1220 m. LIM, M, S

rehmannii Szyszyl.

M. griquensis Bolus in part (2)

M. rupestris Schinz (2)

Perennial. Dwarf shrub. Ht 0.1–0.3 m. Alt 152–1370 m. N, B, LIM, M, S, NC

rupestris Schinz = **M. rehmannii**

suluensis Gerstner

Perennial. Dwarf shrub. Ht 0.3–0.91 m. Alt 5–490 m. M, S, KZN

transvaalensis Szyszyl.

Perennial. Dwarf shrub. Ht 0.22–0.6 m. Alt 945–1430 m. LIM, NW, G

virescens (K.Schum.) K.Schum.

M. bolusii Burt Davy (2)

M. griquensis Bolus in part (2)

Perennial. Dwarf shrub. Ht 0.05–0.3 m. Alt 410–1405 m. N, B, LIM, NW, NC

MELOCHIA L. 5057000

(1) Wild. 1961. *FZ* 1: 535, 536.

(2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 184.

corchorifolia L.

Annual. Herb. Ht up to 2 m. Alt? B

STERCULIA L. 5083000

(1) Archibald. 1951. *The Flowering Plants of Africa* 28: t. 1103.

(2) Dyer. 1958. *The Flowering Plants of Africa* 32: t. 1279.

(3) Wild. 1961. *FZ* 1: 551–558.

(4) Friedrich Holzhammer *et al.* 1973. *FSWA* 84: 26.

(5) Fourie & Retief. 1989. *The Flowering Plants of Africa* 50: t. 1999.

(6) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 184, 185.

africana (Lour.) Fiori var. **africana***S. guerichii* K.Schum. (4)*S. tomentosa* in sense of Sim, misapplied name (3)*S. triphaca* R.Br. (3)

Perennial. Tree. Ht 10–25 m. Alt 106–915 m. N, B

alexandri Harv.

Perennial. Tree. Ht 3.04–6.09 m. Alt 60–490 m. EC

guerichii K.Schum. = **S. africana** var. **africana****murex** Hemsl.

Perennial. Tree. Ht 3.65–18.28 m. Alt 395–1250 m.

LIM, G, M

quinqueloba (Garcke) K.Schum.*S. zastrowiana* Engl. (4)

Perennial. Tree. Ht 4–15.24 m. Alt up to 680 m. N

rogersii N.E.Br.

Perennial. Tree, shrub. Ht 0.25–5 m. Alt 60–1180 m.

B, LIM, M, S, KZN

tomentosa in sense of Sim, misapplied name = **S.****africana** var. **africana***triphaca* R.Br. = **S. africana** var. **africana***zastrowiana* Engl. = **S. quinqueloba****WALTHERIA** L.

5059000

(1) Wild. 1961. *FZ* 1: 536, 537.(2) Verdoorn. 1981. *Bothalia* 275, 276.(3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 185.*americana* L. = **W. indica***americana* L. var. *indica* (L.) K.Schum. = **W. indica***americana* L. var. *sahelica* Roberty = **W. indica***americana* L. var. *subspicata* K.Schum. = **W. indica****indica** L.*W. americana* L. (1)*W. americana* L. var. *indica* (L.) K.Schum. (1)*W. americana* L. var. *sahelica* Roberty (3)*W. americana* L. var. *subspicata* K.Schum. (1)

Annual. Herb. Ht 0.6–1.3 m. Alt 30–1585 m. N, B,

LIM, NW, G, M, S, KZN, NC

STILBACEAE

Compiled by J.P. Rourke, *Retzia* by E. Retief**CAMPYLOSTACHYS** Kunth 7133000(1) Pearson. 1901. *FC* 5,1: 180–226.*abbreviata* E.Mey. = **Euthystachys abbreviata****cernua** (L.f.) Kunth*Stilbe cernua* L.f. (1)

Perennial. Dwarf lignotuberous shrub. Ht 0.2–0.7 m.

Alt 50–650 m. WC

phylicoides Sond. = **Kogelbergia phylicoides****EURYLOBIUM** Hochst. 7137000*serrulatum* Hochst. = **Stilbe serrulata****EUTHYSTACHYS** A.DC. 7135000(1) Pearson. 1901. *FC* 5,1: 180–226.(2) Rourke. 2000. *Bothalia* 30: 10, 11.**abbreviata** (E.Mey.) A.DC.*Campylostachys abbreviata* E.Mey. (1)

Perennial. Dwarf lignotuberous shrub. Ht 0.5–0.6 m.

Alt 560–1500 m. WC

KOGELBERGIA Rourke 7134010(1) Rourke. 2000. *Bothalia* 30: 11–15.**phylicoides** (A.DC.) Rourke*Campylostachys phylicoides* Sond. (1)*Stilbe phylicoides* A.DC. (1)

Perennial. Lignotuberous dwarf shrub. Ht 0.5–1 m. Alt

425–1100 m. WC

verticillata (Eckl. & Zeyh.) Rourke*Stilbe chorisepala* Suess. (1)*Stilbe mucronata* N.E.Br. (1)*Trichocephalus verticillatus* Eckl. & Zeyh. (1)

Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 250–1150 m.

WC

RETZIA Thunb. 7456000(1) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 942.(2) Rourke. 2000. *Bothalia* 30: 9.(3) Angiosperm Phylogeny Group II. 2003. *Botanical Journal of the Linnean Society* 141: 399–436.**capensis** Thunb. (2, 3)

Perennial. Shrub. Ht 0.5–1.3 m. Alt 10–1300 m. WC

STILBE P.J.Bergius 7134000(1) Pearson. 1901. *FC* 5,1: 180–226.(2) Compton. 1944. *Journal of South African Botany* 10: 127, 128.(3) Suessenguth. 1950. *Mitteilungen der Botanischen Staatssammlung München* 2: 56.(4) Rourke. 1977. *Journal of South African Botany* 43: 1–8.(5) Rourke. 2000. *Bothalia* 30: 9–15.**albiflora** E.Mey.

Perennial. Lignotuberous shrub. Ht 0.5–1.3 m. Alt 10–1000 m. WC

cernua L.f. = **Campylostachys cernua***chorisepala* Suess. = **Kogelbergia verticillata****ericoides** (L.) L.*Selago ericoides* L. (1)

Perennial. Dwarf lignotuberous shrub. Ht up to 1 m.

Alt 10–1000 m. WC

gymnopharyngia (Rourke) Rourke*Xeroplana gymnopharyngia* Rourke (4)

Perennial. Dwarf shrub. Ht 0.5–1 m. Alt 900–1200 m. WC

mucronata N.E.Br. = **Kogelbergia verticillata****overbergensis** Rourke*Xeroplana zeyheri* Briq. (4)

Perennial. Dwarf shrub. Ht 0.5–0.7 m. Alt 70–200 m.

WC

phylicoides A.DC. = **Kogelbergia phylicoides****rupestris** Compton

Perennial. Dwarf shrub, lithophyte. Ht 0.1–0.3 m. Alt 300–1000 m. WC

serrulata Hochst.*Eurylobium serrulatum* Hochst. (5)Perennial. Shrub. Ht 0.5–1.5 m. Alt 1000–1600 m.
WC**vestita** P.J.Bergius*Selago pinastra* L. (1)Perennial. Lignotuberous shrub. Ht 0.5–1.5 m. Alt
200–1000 m. WC**THESMOPHORA** Rourke 7133010(1) Rourke. 1993. *Edinburgh Journal of Botany* 50: 89–95.**scopulosa** RourkePerennial. Dwarf shrub, lithophyte. Ht 0.1–0.3 m. Alt
1000–1200 m. WC**TRICHOCEPHALUS** Brongn. 4886010*verticillatus* Eckl. & Zeyh. = **Kogelbergia verticillata****XEROPLANA** Briq. 7136000*gymnopharyngia* Rourke = **Stilbe gymnopharyngia***zeyheri* Briq. = **Stilbe overbergensis**

STRYCHNACEAE

Compiled by M. Jordaan

STRYCHNOS L. 6460000

- (1) Verdoorn. 1957. *The Flowering Plants of Africa* 32: t. 1242.
 (2) Verdoorn. 1963. *FSA* 26: 136–149.
 (3) Leeuwenberg. 1969. *Mededelingen van de Landbouwhogeschool Wageningen* 69-1: 17–316.
 (4) Leeuwenberg. 1983. *FZ* 7,1: 353–374.
 (5) Pooley. 1993. *Trees of Natal*: 416–420.

cocculoides BakerPerennial. Tree or shrub. Ht 1–6 m. Alt 795–1675 m.
N, B, LIM, M**decussata** (Pappe) GilgPerennial. Tree or shrub. Ht 1.5–16 m. Alt 15–1000 m.
LIM, KZN, WC, EC**gerrardii** N.E.Br.*S. innocua* Delile subsp. *gerrardii* (N.E.Br.) I.Verd. (5)

Perennial. Tree. Ht 2–15 m. Alt 5–600 m. KZN

henningsii GilgPerennial. Tree or shrub. Ht 1.5–18 m. Alt 5–1310 m.
LIM, M, S, KZN, EC*innocua* Delile subsp. *dysophylla* (Benth.) I.Verd. = **S. madagascariensis***innocua* Delile subsp. *gerrardii* (N.E.Br.) I.Verd. = **S. gerrardii****madagascariensis** Poir.*S. innocua* Delile subsp. *dysophylla* (Benth.) I.Verd. (3)Perennial. Tree or shrub. Ht 1.5–10 m. Alt 300–1450
m. B, LIM, NW, M, S, KZN*micans* S.Moore = **S. usambarensis****mitis** S.MoorePerennial. Tree or shrub. Ht 4–35 m. Alt 10–1200 m.
LIM, M, S, KZN, EC**potatorum** L.f.*S. stuhlmannii* Gilg (3)Perennial. Tree or shrub. Ht 4–10 m. Alt 275–520 m.
N, B, LIM**pungens** Soler.Perennial. Tree or shrub. Ht 0.6–8 m. Alt 120–1755 m.
N, B, LIM, NW, G, M**spinosa** Lam.Perennial. Tree or shrub. Ht 1–10 m. Alt 5–1465 m. N,
B, LIM, M, S, KZN, EC*stuhlmannii* Gilg = **S. potatorum****usambarensis** Gilg*S. micans* S.Moore (2)Perennial. Tree, shrub or climber. Ht 1–15 m. Alt
30–1370 m. LIM, NW, G, M, S, KZN

TAMARICACEAE

Compiled by C.L. Bredenkamp

TAMARIX L. 5239000

- (1) Podlech. 1968. *FSWA* 90: 1, 2.
 (2) Obermeyer. 1976. *FSA* 22: 36–39.
 (3) Baum. 1978. *The genus Tamarix*: 19–209.
 (4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 126, 127.

angolensis Nied. = **T. usneoides*****aphylla** (L.) Karst.

Perennial. Tree, shrub. Ht up to 10 m. Alt? N

austro-africana Schinz = **T. usneoides*****chinensis** Lour.

Perennial. Tree. Ht 1.5–5 m. Alt up to 1400 m. FS, WC

engleri = **T. usneoides*****parviflora** DC.

Perennial. Tree. Ht 2–3 m. Alt? WC

***ramosissima** Ledeb.Perennial. Tree or shrub. Ht 1–5 m. Alt 100–800 m. N,
NC, WC**usneoides** E.Mey. ex Bunge*T. angolensis* Nied. (4)*T. austro-africana* Schinz (3)*T. engleri* (3)Perennial. Tree, shrub. Ht 0.6–6.09 m. Alt 90–1370 m.
N, NC, WC, EC**usneoides** E.Mey. ex Bunge × **T. ramosissima** Ledeb.

Perennial. Tree, shrub. Ht 1.37–4 m. Alt 10–99 m. N

THEOPHRASTACEAE

Compiled by H.F. Glen

SAMOLUS L.

6328000

(1) Dyer. 1963. *FSA* 26: 10, 11.**porosus** (L.f.) Thunb.

Perennial. Herb, hydrophyte. Ht 0.15–0.6 m. Alt 1–915 m. KZN, WC, EC

valerandi L.

Perennial. Herb, hydrophyte. Ht 0.1–0.36 m. Alt 1–1280 m. N, B, LIM, NW, G, M, S, KZN, NC, WC, EC

THYMELAEACEAE

Compiled by C.L. Bredenkamp & J.B.P. Beyers

ARTHROSOLEN C.A.Mey. 5435020*calocephalus* C.A.Mey. = **Gnidia calocephala***compactus* C.H.Wright = **Gnidia compacta***fraternus* N.E.Br. = **Gnidia fraterna***gymnostachys* C.A.Mey. = **Gnidia gymnostachya***inconspicuus* Meisn. = **Gnidia inconspicua***laxus* (L.f.) C.A.Mey. = **Gnidia laxa***microcephalus* (Meisn.) E.Phillips = **Gnidia microcephala***ornatus* Meisn. = **Gnidia ornata***phaeotrichus* C.H.Wright = **Gnidia phaeotricha***polycephalus* C.A.Mey. = **Gnidia polycephala***sericocephalus* Meisn. = **Gnidia sericocephala***spicatus* C.A.Mey. = **Gnidia spicata***variabilis* C.H.Wright = **Gnidia variabilis****BASUTICA** E.Phillips 5435030*aberrans* (C.H.Wright) E.Phillips = **Gnidia aberrans***propinqua* Hilliard = **Gnidia propinqua****CHYMOCOCCA** Meisn. 5461010*empetroides* Meisn. = **Passerina ericoides****CRYPTADENIA** Meisn. 5459000*breviflora* Meisn. = **Lachnaea grandiflora***filicaulis* Meisn. = **Lachnaea filicaulis***grandiflora* (L.f.) Meisn. var. *grandiflora* = **Lachnaea grandiflora***grandiflora* (L.f.) Meisn. var. *latifolia* Meisn. = **Lachnaea grandiflora***laxa* C.H.Wright = **Lachnaea laxa***uniflora* (L.) Meisn. = **Lachnaea uniflora****DAIS** L. 5465000(1) Verdoorn. 1942. *The Flowering Plants of South Africa* 22: t. 869.(2) Peterson. 1978. *FTEA* Thymelaeaceae: 16.**cotinifolia** L.

Perennial. Tree. Ht 1.37–12.19 m. Alt 15–1830 m. LIM, G, M, S, FS, KZN, L, EC

ENGLERODAPHNE Gilg 5438000(1) Wright. 1915. *FC* 5,2: 78.(2) Engler. 1921. *Die Pflanzenwelt Afrikas* 3,2: 639, 640.(3) Burt Davy. 1926. *A manual of the flowering plants and ferns of the Transvaal with Swaziland, South Africa* 1: 204, 205.(4) Peterson. 1978. *FTEA* Thymelaeaceae: 18.(5) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 116.(6) Van Wyk. 1997. *Field guide to trees of southern Africa*: 354.*leiosiphon* Gilg = **Gnidia subcordata****ovalifolia** (Meisn.) E.Phillips

Perennial. Shrub. Ht 0.61–4.57 m. Alt 10–1830 m. KZN, EC

pilosa Burt Davy

Perennial. Shrub. Ht up to 4 m. Alt 915–1525 m. KZN, EC

subcordata (Meisn.) Engl. = **Gnidia subcordata****GNIDIA** L. 5435000(1) Meisner. 1840. *Linnaea* 14: 424.(2) Meisner. 1843. *Journal of Botany* 2: 551–556.(3) Meisner. 1857. In De Candolle, *Prodromus* 14: 580–593.(4) Gilg. 1894. *Die natürlichen Pflanzenfamilien* 3,6a: 226–228.(5) Gilg. 1895. *Botanische Jahrbücher* 19: 263–268.(6) Kuntze. 1898. *Revisio generum plantarum* 3: 280, 281.(7) Bolus. 1906. *Transactions of the South African Philosophical Society* 16: 142.(8) Wright. 1915. *FC* 5: 43–68.(9) Dinter. 1920. *Feddes Repertorium* 16: 340.(10) Engler. 1921. *Die Pflanzenwelt Afrikas* 3,2: 634.(11) Phillips. 1938. *The Flowering Plants of South Africa* 18: t. 718.(12) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 937.(13) Phillips. 1944. *Journal of South African Botany* 10: 61–65.(14) Compton. 1949. *Journal of South African Botany* 15: 111, 112.(15) Peterson. 1958. *Botaniska Notiser* 111: 623–631.(16) Peterson. 1959. *Botaniska Notiser* 112: 465–480.(17) Henderson. 1961. *The Flowering Plants of Africa* 34: t. 1332.(18) Peterson. 1966. *Botaniska Notiser* 119: 345–348.(19) Peterson. 1978. *FTEA* Thymelaeaceae: 18.(20) Peterson. 1982. *Bothalia* 14: 81–82.(21) Hilliard & Burt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 218.(22) Hilliard & Burt. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45: 179–223.(23) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 116.(24) Beaumont. 2000. In Goldblatt & Manning, *Strelitzia* 9: 676–680.(25) Beyers. 2001. *Strelitzia* 11: 1–115.(26) Beyers. 2002. *Bothalia* 32: 79–81.

- aberrans** C.H.Wright
Basutica aberrans (C.H.Wright) E.Phillips (13)
Perennial. Shrub, dwarf shrub. Ht 0.1–0.3 m. Alt up to 3290 m. KZN, L
- albicans* Meisn. var. *tenella* Meisn. = **G. tenella**
- albosericca** Moss ex B.Peterson
Lasiosiphon ornatus Burtt Davy (20)
Perennial. Shrub, dwarf shrub. Ht up to 1 m. Alt up to 1524 m. M, S, KZN
- anomala** Meisn.
Pseudognidia anomala (Meisn.) E.Phillips (13)
Perennial. Shrub, dwarf shrub. Ht 0.01–4 m. Alt 12–1500 m. WC
- anthylloides** (L.f.) Gilg
Lasiosiphon anthylloides Meisn. (4)
Perennial. Shrub, dwarf shrub. Ht 0.15–1 m. Alt 15–1940 m. KZN, WC, EC
- baurii** C.H.Wright
Perennial. Herb. Ht 0.17–0.36 m. Alt 743–2438 m. KZN, EC
- burchellii** (Meisn.) Gilg
Lasiosiphon burchellii Meisn. (4)
Lasiosiphon burchellii Meisn. var. *angustifolius* C.H.Wright (8)
Lasiosiphon burchellii Meisn. var. *glabrifolius* Meisn. (3)
Perennial. Shrub, dwarf shrub. Ht 0.25–1.37 m. Alt 20–2650 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- burmannii** Eckl. & Zeyh. ex Meisn. (insufficiently known)
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 713–2180 m. WC
- caffra** (Meisn.) Gilg
Lasiosiphon caffer Meisn. (3)
Perennial. Shrub, dwarf shrub. Ht 0.07–5 m. Alt 303–2300 m. LIM, NW, G, M, S, FS, KZN, EC
- calocephala** (C.A.Mey.) Gilg
Arthrosolen calocephalus C.A.Mey. (4)
Perennial. Shrub, dwarf shrub. Ht 0.01–1.5 m. Alt 155–1676 m. KZN, EC
- caniflora** Meisn.
Perennial. Herb. Ht up to 0.5 m. Alt 200–670 m. NC, WC
- canoargentea** (C.H.Wright) Gilg
Lasiosiphon canoargentea C.H.Wright (20)
Lasiosiphon mossii Burtt Davy (20)
Perennial. Dwarf shrub. Ht up to 0.35 m. Alt up to 2250 m. LIM, NW, G, M, KZN
- capitata** L.f.
Lasiosiphon capitatus (L.f.) Burtt Davy (15)
Lasiosiphon linifolius Decne. (4)
Perennial. Shrub, dwarf shrub. Ht 0.1–2 m. Alt 60–2045 m. B, LIM, NW, G, M, S, FS, KZN
- cayleyi** C.H.Wright (insufficiently known)
Perennial. Dwarf shrub. Ht 0.06–0.2 m. Alt? ‘CP’
- chrysophylla** Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.2–1.5 m. Alt 45–910 m. WC
- clavata** Schinz
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt ?–1518 m. NC, WC
- compacta** (C.H.Wright) J.H.Ross
Arthrosolen compactus C.H.Wright (19)
Perennial. Dwarf shrub, herb. Ht 0.15–0.45 m. Alt ?–2750 m. FS, KZN, L
- conspicua** Meisn. (insufficiently known)
- coriacea** Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.15–0.76 m. Alt 45–1005 m. KZN, WC, EC
- cuneata** Meisn.
Lasiosiphon meisnerianus Endl. (4)
Perennial. Shrub, dwarf shrub. Ht 0.4–1.2 m. Alt 610–1000 m. KZN, EC
- decurrens** Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.15–0.76 m. Alt 90–1220 m. WC
- denudata** Lindl.
Perennial. Shrub. Ht 1.06–3.04 m. Alt 100–1280 m. WC, EC
- deserticola** Gilg
Lasiosiphon deserticola C.H.Wright (13)
Perennial. Shrub, dwarf shrub. Ht 0.2–0.91 m. Alt 853–1025 m. NC, WC, EC
- dregeana** Meisn. (insufficiently known)
Lasiosiphon dregeanus Endl. (26)
- ericoides** C.H.Wright
Perennial. Dwarf shrub. Ht ± 0.15 m. Alt 60–1032 m. WC
- fastigiata** Rendle
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt up to 2400 m. M, S, KZN
- flanaganii** C.H.Wright (insufficiently known)
Perennial. Dwarf shrub. Ht up to 0.25 m. Alt 15–30 m. WC, EC
- fourcadei** Moss
Perennial. Dwarf shrub. Ht? Alt up to 230 m. WC
- francisci** Bolus
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 915–1705 m. WC
- fraterna** (N.E.Br.) E.Phillips
Arthrosolen fraternus N.E.Br. (13)
Perennial. Dwarf shrub. Ht 0.18–0.3 m. Alt ± 1667 m. EC
- galpinii** C.H.Wright
Perennial. Dwarf shrub. Ht 0.2–0.25 m. Alt 400–1500 m. WC
- geminiflora** E.Mey. ex Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.2–0.91 m. Alt 90–1675 m. WC
- gymnostachya** (C.A.Mey.) Gilg
Arthrosolen gymnostachys C.A.Mey. (13)
Perennial. Dwarf shrub. Ht 0.15–1 m. Alt 20–2400 m. G, M, S, FS, KZN, L
- harveyiana** Meisn. (insufficiently known)
Perennial. Shrub. Ht? Alt? WC
- hoepfneriana* Gilg = **G. kraussiana** var. **kraussiana**
- humilis** Meisn.
Perennial. Dwarf shrub. Ht 0.15–0.25 m. Alt 60–915 m. WC
- imbricata** L.f.
Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 120–1405 m. NC, WC
- inconspicua** Meisn.
Arthrosolen inconspicuus Meisn. (4)
Perennial. Shrub. Ht 0.2–1.21 m. Alt 5–765 m. WC

insignis Compton

Perennial. Shrub. Ht up to 1 m. Alt ?–765 m. WC

juniperifolia Lam.

Perennial. Shrub, dwarf shrub. Ht 0.1–0.91 m. Alt 137–1050 m. WC

kraussiana Meisn. var. **kraussiana**

G. hoepfneriana Gilg (15)

Lasiosiphon hoepfnerianus Vatke ex Gilg (15)

Lasiosiphon kraussii Meisn. (15)

Perennial. Shrub, dwarf shrub. Ht 0.1–3 m. Alt 30–2200 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

laxa (L.f.) Gilg

Arthrosolen laxa (L.f.) C.A.Mey. (4)

Lachnaea dubia Gand. (25)

Perennial. Shrub, dwarf shrub. Ht 0.3–0.91 m. Alt 15–950 m. WC

leipoldtii C.H.Wright (insufficiently known)

Perennial. Shrub, dwarf shrub. Ht? Alt 610–1219 m. NC

linearifolia (Wikstr.) B.Peterson

Struthiolopsis bolusii E.Phillips (16)

Perennial. Dwarf shrub. Ht 0.15–0.45 m. Alt 185–1400 m. WC

linoides Wikstr.

Perennial. Dwarf shrub. Ht up to 0.2 m. Alt 316–1450 m. WC

lucens Lam. (insufficiently known)**macropetala** Meisn.

Lasiosiphon macropetalus Meisn. (4)

Perennial. Shrub. Ht 1–1.33 m. Alt? KZN

meyeri Meisn.

Perennial. Shrub, dwarf shrub. Ht 0.4–1.5 m. Alt 120–1890 m. NC, WC

microcephala Meisn.

Arthrosolen microcephalus (Meisn.) E.Phillips (15)

Perennial. Shrub, dwarf shrub. Ht 0.17–0.8 m. Alt 30–1740 m. B, LIM, NW, G, M, S, FS, KZN, EC

microphylla Meisn.

Lasiosiphon microphyllus Meisn. (3)

Perennial. Shrub, dwarf shrub. Ht 0.2–1 m. Alt 914–1371 m. FS, NC, EC

myrtifolia C.H.Wright

Perennial. Dwarf shrub, herb. Ht 0.2–0.5 m. Alt 15–365 m. KZN, EC

nana (L.f.) Wikstr.

G. pulvinata Bolus (7)

Struthiolopsis pulvinata (Bolus) E.Phillips (16)

Perennial. Shrub, dwarf shrub. Ht 0.15–3 m. Alt 25–1675 m. WC, EC

nitida Bolus

Perennial. Shrub, dwarf shrub. Ht 0.5–1.5 m. Alt 185–1525 m. NC, WC

nodiflora Meisn.

Perennial. Shrub, dwarf shrub. Ht 0.1–1.52 m. Alt 5–2150 m. LIM, G, M, FS, KZN, NC, WC, EC

obtusissima Meisn.

Perennial. Shrub, dwarf shrub. Ht 0.45–1.5 m. Alt 45–675 m. WC, EC

oppositifolia L.

Perennial. Shrub, dwarf shrub. Ht 0.01–2.43 m. Alt 10–1830 m. WC, EC

orbiculata C.H.Wright

Perennial. Shrub. Ht up to 3 m. Alt ?–915 m. WC, EC

ornata (Meisn.) Gilg

Arthrosolen ornatus Meisn. (3)

G. vesiculosa Eckl. & Zeyh. ex Drège (24)

Perennial. Dwarf shrub. Ht 0.19–0.6 m. Alt 30–152 m. WC

pallida Meisn. (insufficiently known)**parviflora** Meisn.

Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 92–455 m. WC

parvula Wolley-Dod

Perennial. Shrublet. Ht up to 0.3 m. Alt? WC

pedunculata Beyers

Perennial. Dwarf shrub. Ht 0.25 m. Alt 0–300 m. WC

penicillata Licht. ex Meisn.

Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 60–671 m. WC

phaeotricha Gilg

Arthrosolen phaeotrichus C.H.Wright (13)

Perennial. Dwarf shrub. Ht up to 0.46 m. Alt 945–1740 m. M, FS, KZN, EC

pinifolia L.

Perennial. Shrub, dwarf shrub. Ht 0.25–1.21 m. Alt 10–750 m. WC, EC

polyantha Gilg

Lasiosiphon polyanthus Gilg (4)

Perennial. Shrub, dwarf shrub. Ht 0.4–0.91 m. Alt 60–2250 m. FS, KZN, EC

polycephala (C.A.Mey.) Gilg

Arthrosolen polycephalus C.A.Mey. (4)

Perennial. Dwarf shrub, herb. Ht 0.07–1.06 m. Alt 607–1830 m. N, B, NW, G, FS, NC, WC, EC

polystachya P.J.Bergius var. *congesta* C.H.Wright = **G. squarrosa**

polystachya P.J.Bergius var. *polystachya* = **G. squarrosa**

propinqua (Hilliard) B.Peterson

Basutica propinqua Hilliard (20)

Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt ?–3200 m. KZN, L, EC

pulchella Meisn.

Lasiosiphon pulchellus Decne. (3)

Perennial. Shrub. Ht 1–2 m. Alt 823–1128 m. KZN, EC

pulvinata Bolus = **G. nana**

quadrifaria C.H.Wright = **G. styphelioides**

racemosa Thunb.

Perennial. Shrub, dwarf shrub. Ht 0.4–1.5 m. Alt 46–700 m. WC, EC

renniana Hilliard & B.L.Burt

Perennial. Dwarf shrub. Ht 0.05–0.15 m. Alt 1524–2042 m. KZN

robusta B.Peterson

Lasiosiphon nanus Burt Davy (20)

Perennial. Subshrub, herb. Ht up to 0.5 m. Alt ?–1371 m. M, S, KZN

rubescens B.Peterson

Perennial. Dwarf shrub. Ht 0.01–0.6 m. Alt 250–1405 m. LIM, M, S

- scabra** Thunb.
Perennial. Shrub, dwarf shrub. Ht 0.3–1.67 m. Alt 20–1130 m. NC, WC
- scabrida** Meisn.
Perennial. Shrub. Ht 0.45–1.3 m. Alt 380–610 m. WC
- sericea** L. var. **hirsuta** Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.3–0.61 m. Alt? WC, EC
- sericea** L. var. **sericea**
Perennial. Shrub, dwarf shrub. Ht 0.5–0.75 m. Alt 185–1234 m. WC, EC
- sericocephala** (Meisn.) Gilg ex Engl.
Arthrosolen sericocephalus Meisn. (10)
Perennial. Shrub, dwarf shrub. Ht 0.1–1 m. Alt up to 1660 m. B, LIM, NW, G, M
- setosa** Wikstr.
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 120–1219 m. WC
- similis** C.H.Wright
Perennial. Shrub. Ht 0.22–3.04 m. Alt? KZN, EC
- simplex** L.
Perennial. Shrublet. Ht up to 0.3 m. Alt? WC
- singularis** Hilliard
Perennial. Herb or dwarf shrub. Ht ± 0.1 m. Alt? L
- sonderiana** Meisn. (insufficiently known)
- sparsiflora** Bartl. ex Meisn. (insufficiently known)
- spicata** (L.f.) Gilg
Arthrosolen spicatus C.A.Mey. (13)
Perennial. Shrub, dwarf shrub. Ht 0.22–1 m. Alt 12–215 m. WC
- splendens** Meisn.
Lasiosiphon splendens Endl. (4)
Perennial. Shrub, dwarf shrub. Ht 0.2–1.06 m. Alt 10–1900 m. LIM, M, S, FS, KZN
- squarrosa** (L.) Druce
G. polystachya P.J.Bergius var. *congesta* C.H.Wright (24)
G. polystachya P.J.Bergius var. *polystachya* (24)
Perennial. Shrub, dwarf shrub. Ht 0.15–2 m. Alt 5–3475 m. FS, L, WC, EC
- stellatifolia** Gand. (insufficiently known)
Perennial. Shrub? Ht up to 0.61 m. Alt? KZN
- strigillosa** Meisn.
Perennial. Dwarf shrub. Ht up to 0.15 m. Alt? WC
- stypelioides** Meisn.
G. quadrifaria C.H.Wright (24)
Perennial. Shrub, dwarf shrub. Ht 0.15–0.91 m. Alt 30–610 m. KZN, WC, EC
- suavissima** Dinter
Perennial. Dwarf shrub. Ht ± 0.45 m. Alt ?–130 m. N, NC
- subcordata** (Meisn.) Engl.
Englerodaphne leiosiphon Gilg (19, 23)
Englerodaphne subcordata (Meisn.) Engl. (19, 23)
Perennial. Shrub. Ht 1.82–3.04 m. Alt 5–610 m. KZN, EC
- subulata** Lam. (insufficiently known)
Perennial. Dwarf shrub. Ht 0.1–0.5 m. Alt 15–765 m. WC
- tenella** Meisn.
G. albicans Meisn. var. *tenella* Meisn. (24)
Perennial. Dwarf shrub. Ht up to 2 m. Alt 83–1160 m. WC
- thesioides** Meisn. var. **condensata** Meisn. (insufficiently known)
- thesioides** Meisn. var. **laxa** Meisn.
Perennial. Shrub. Ht ± 0.5 m. Alt up to 300 m. WC
- thesioides** Meisn. var. **thesioides**
Perennial. Shrub, dwarf shrub. Ht 0.45–1 m. Alt 155–1000 m. KZN, NC, WC, EC
- tomentosa** L.
Perennial. Shrub, dwarf shrub. Ht 0.5–1 m. Alt 535–1875 m. WC
- triplinervis** Meisn.
Lasiosiphon triplinervis Meisn. (3)
Perennial. Shrub, dwarf shrub. Ht 0.45–2 m. Alt 170–1150 m. KZN, EC
- variabilis** (C.H.Wright) E.Phillips
Arthrosolen variabilis C.H.Wright (13)
Perennial. Herb, dwarf shrub. Ht ± 0.15 m. Alt 914–1524 m. M
- variegata** Gand. (insufficiently known)
Perennial. Shrub. Ht up to 0.3 m. Alt ± 200 m. WC
- vesiculosa** Eckl. & Zeyh. ex Drège = **G. ornata**
- wikstroemiana** Meisn.
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt up to 2045 m. FS, NC
- wilmsii** (C.H.Wright) Engl.
Lasiosiphon wilmsii C.H.Wright (10)
Perennial. Shrub. Ht 0.45–1.82 m. Alt? KZN, EC
- woodii** C.H.Wright
Perennial. Dwarf shrub. Ht ± 0.7 m. Alt 50–1371 m. S, KZN, EC

LACHNAEA L. 5460000(1) Beyers. 2001. *Strelitzia* 11: 1–115.

- alpina** (Eckl. & Zeyh.) Meisn.
Perennial. Shrub. Ht up to 1 m. Alt 1600–2100 m. WC
- ambigua** Meisn. var. **ambigua** = **L. nervosa**
- ambigua** Meisn. var. **minor** Meisn. = **L. nervosa**
- aurea** (Eckl. & Zeyh.) Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt up to 900 m. WC
- axillaris** Meisn.
L. micrantha Schltr. (1)
Perennial. Dwarf shrub, shrub. Ht 0.2–0.75 m. Alt 15–300 m. WC
- burchellii** Meisn.
L. burchellii Meisn. var. *latifolia* Meisn. (1)
Perennial. Dwarf shrub. Ht 0.15–0.45 m. Alt 330–1660 m. WC, EC
- burchellii** Meisn. var. *latifolia* Meisn. = **L. burchellii**
- buxifolia** Lam. = **L. pomposa**
- capitata** (L.) Crantz
Perennial. Shrub, dwarf shrub. Ht 0.4–1.8 m. Alt 15–800 m. WC
- densiflora** Meisn.
Perennial. Dwarf shrub, shrub. Ht 0.2–0.6 m. Alt 1–765 m. WC
- diosmoides** Meisn.

- L. diosmoides* Meisn. var. *tenella* Meisn. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 155–1665 m. WC, EC
- diosmoides* Meisn. var. *tenella* Meisn. = **L. diosmoides dubia** Gand. = **Gnidia laxa**
- elegans* Compton = **L. striata**
- elsiae** Beyers
Perennial. Dwarf shrub, shrub. Ht 0.15–0.6 m. Alt 1250–2300 m. WC
- ericoides** Meisn.
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 300–665 m. WC
- eriocephala** L.
L. purpurea Andrews (1)
Perennial. Dwarf shrub, shrub. Ht 0.2–0.6 m. Alt 100–500 m. WC
- filamentosa** Meisn.
L. filamentosa Meisn. var. *major* Meisn. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–2 m. Alt 665–1920 m. WC
- filamentosa* Meisn. var. *major* Meisn. = **L. filamentosa**
- filicaulis** (Meisn.) Beyers
Cryptadenia filicaulis Meisn. (1)
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt up to 365 m. WC
- funicaulis** Schinz
Perennial. Dwarf shrub. Ht up to 0.45 m. Alt 500–1000 m. WC
- globulifera** Meisn. subsp. **globulifera**
Perennial. Dwarf shrub, shrub. Ht 0.25–0.6(–0.9) m. Alt 200–1100 m. WC
- globulifera** Meisn. subsp. **incana** Beyers
L. globulifera Meisn. var. *coerulescens* Eckl. & Zeyh. ex Meisn. (1)
Perennial. Dwarf shrub, shrub. Ht 0.3–0.6(–1) m. Alt 650–1665 m. WC
- globulifera* Meisn. var. *coerulescens* Eckl. & Zeyh. ex Meisn. = **L. globulifera** subsp. **incana**
- glomerata** Fourc.
Perennial. Dwarf shrub. Ht 0.2–0.45 m. Alt 330–1130 m. WC, EC
- gracilis** Meisn.
Perennial. Dwarf shrub, shrub. Ht 0.25–2 m. Alt 330–1660 m. WC
- grandiflora** (L.f.) Baill.
Cryptadenia breviflora Meisn. (1)
Cryptadenia grandiflora (L.f.) Meisn. var. *grandiflora* (1)
Cryptadenia grandiflora (L.f.) Meisn. var. *latifolia* Meisn. (1)
Passerina grandiflora L.f. (1)
Perennial. Dwarf shrub, shrub. Ht 0.2–0.6(–1) m. Alt 15–1000 m. WC
- greytonensis** Beyers
Perennial. Dwarf shrub. Ht up to 0.45 m. Alt 640–830 m. WC
- laniflora** (C.H.Wright) Bond
Perennial. Shrub, dwarf shrub. Ht 0.3–1 m. Alt 1000–2200 m. WC
- laxa** (C.H.Wright) Beyers
Cryptadenia laxa C.H.Wright (1)
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 400–2150 m. WC
- leipoldtii** Beyers
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt ± 1000 m. WC
- macrantha** Meisn.
Perennial. Shrub, dwarf shrub. Ht 0.45–2 m. Alt 1330–2255 m. WC
- marlothii** Schltr.
Perennial. Dwarf shrub. Ht 0.05–0.3 m. Alt 1800–2330 m. WC
- micrantha* Schltr. = **L. axillaris**
- montana** Beyers
Perennial. Dwarf shrub, shrub. Ht 0.3–0.6 m. Alt 765–2330 m. WC
- naviculifolia** Compton
Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 1000–1865 m. WC
- nervosa** (Thunb.) Meisn.
L. ambigua Meisn. var. *ambigua* (1)
L. ambigua Meisn. var. *minor* Meisn. (1)
Perennial. Dwarf shrub, shrub. Ht up to 0.3(–1) m. Alt 830–2000 m. WC
- oliverorum** Beyers
Perennial. Dwarf shrub. Ht up to 0.5 m. Alt 1280–1400 m. WC
- passerinoides* N.E.Br. = **L. penicillata**
- pedicellata** Beyers
Perennial. Dwarf shrub, shrub. Ht up to 0.6 m. Alt 1760–1830 m. WC
- pendula** Beyers
Perennial. Dwarf shrub. Ht up to 0.45 m. Alt 1330–2000 m. WC
- penicillata** Meisn.
L. passerinoides N.E.Br. (1)
Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 330–1330 m. WC
- pomposa** Beyers
L. buxifolia Lam. (1)
Perennial. Shrub, dwarf shrub. Ht 0.3–1.7 m. Alt 500–2330 m. WC
- pudens** Beyers
Perennial. Dwarf shrub, shrub. Ht 0.2–0.6 m. Alt 330–1530 m. WC
- purpurea* Andrews = **L. eriocephala**
- pusilla** Beyers
Perennial. Dwarf shrub. Ht up to 0.4 m. Alt 70–1000 m. WC
- rupestris** Beyers
Perennial. Dwarf shrub. Ht up to 0.2 m. Alt above 1500 m. WC
- ruscifolia** Compton
Perennial. Shrub, dwarf shrub. Ht 0.3–0.8 m. Alt 650–1150 m. WC
- sociorum** Beyers
Perennial. Dwarf shrub, shrub. Ht 0.2–0.6 m. Alt 300–1100 m. WC
- stokoei** Beyers
Perennial. Dwarf shrub. Ht? Alt? WC
- striata** (Poir.) Meisn.
L. elegans Compton (1)

- Perennial. Dwarf shrub, shrub. Ht up to 0.6 m. Alt 800–1160 m. WC
- uniflora** (L.) Crantz
Cryptadenia uniflora (L.) Meisn. (1)
Passerina uniflora L. (1)
Perennial. Dwarf shrub. Ht up to 0.45 m. Alt 1–860 m. WC
- villosa** Beyers
Perennial. Dwarf shrub. Ht 0.15–0.5 m. Alt 480–1500 m. WC
- LASIOSIPHON** Fresen. 5435010
- anthylloides* Meisn. = **Gnidia anthylloides**
burchellii Meisn. = **Gnidia burchellii**
burchellii Meisn. var. *angustifolius* C.H.Wright = **Gnidia burchellii**
burchellii Meisn. var. *glabrifolius* Meisn. = **Gnidia burchellii**
caffer Meisn. = **Gnidia caffra**
canoargentea C.H.Wright = **Gnidia canoargentea**
capitatus (L.f.) Burt Davy = **Gnidia capitata**
deserticola C.H.Wright = **Gnidia deserticola**
dregeanus Endl. = **Gnidia dregeana**
hoepfnerianus Vatke ex Gilg = **Gnidia kraussiana** var. **kraussiana**
kraussii Meisn. = **Gnidia kraussiana** var. **kraussiana**
linifolius Decne. = **Gnidia capitata**
macropetalus Meisn. = **Gnidia macropetala**
meisnerianus Endl. = **Gnidia cuneata**
microphyllus Meisn. = **Gnidia microphylla**
mossii Burt Davy = **Gnidia canoargentea**
nanus Burt Davy = **Gnidia robusta**
ornatus Burt Davy = **Gnidia albosericea**
polyanthus Gilg = **Gnidia polyantha**
pulchellus Decne. = **Gnidia pulchella**
splendens Endl. = **Gnidia splendens**
triplinervis Meisn. = **Gnidia triplinervis**
wilmsii C.H.Wright = **Gnidia wilmsii**
- PASSERINA** L. 5461000
- (1) Meisner. 1857. In De Candolle, *Prodromus* 14: 493–605.
(2) Wright. 1915. *FC* 5.2: 9–15.
(3) Thoday. 1924. *Kew Bulletin* 4: 146–168.
(4) Hilliard & Burt. 1987. *Annals of the Kirstenbosch Botanic Gardens* 15: 182–184; 233.
(5) Bredenkamp. 2002. *Bothalia* 32: 33, 34, 66–69, 77.
(6) Bredenkamp. 2002. *South African Journal of Botany* 68: 1–4.
(7) Bredenkamp. 2003. *Bothalia* 33: 59–98.
- burchellii** Thoday
Perennial. Dwarf shrub. Ht up to 0.3 m. Alt ± 1500 m. WC
- comosa** C.H.Wright
Perennial. Shrub. Ht 0.76–1.82 m. Alt 185–2300 m. NC, WC
- corymbosa** Eckl. ex C.H.Wright
P. filiformis L. var. *vulgaris* Meisn. (1)
P. vulgaris (Meisn.) Thoday (3)
Perennial. Shrub, dwarf shrub. Ht 0.3–2.5 m. Alt 20–1850 m. KZN, WC, EC
- drakensbergensis** Hilliard & B.L.Burt
- Perennial. Shrub, dwarf shrub. Ht up to 2 m. Alt 1494–1981 m. KZN
- ericoides** L.
Chymococca empetroides Meisn. (1)
Perennial. Shrub, dwarf shrub. Ht 0.4–1.21 m. Alt 4–1575 m. WC
- esterhuyseniae** Bredenkamp & A.E.van Wyk
Perennial. Shrub, shrublet. Ht 0.3–0.5 m. Alt ± 1167 m. WC
- falcifolia** C.H.Wright
Perennial. Tree, shrub. Ht 0.91–6.09 m. Alt 180–1001 m. WC, EC
- filiformis* L. in part = **P. montivaga**
- filiformis** L. subsp. **filiformis**
Perennial. Shrub. Ht up to 2 m. Alt 30–1951 m. WC
- filiformis** L. subsp. **glutinosa** (Thoday) Bredenkamp & A.E.van Wyk
P. filiformis L. var. *glutinosa* Thoday (3)
Perennial. Shrub. Ht up to 2 m. Alt 0–1000 m. WC
- filiformis* L. var. *glutinosa* Thoday = **P. filiformis** subsp. **glutinosa**
- filiformis* L. var. *squarrosa* Meisn. = **P. rubra**
- filiformis* L. var. *vulgaris* Meisn. = **P. corymbosa**
- galpinii** C.H.Wright
Perennial. Shrub, dwarf shrub. Ht 0.3–2.5 m. Alt 10–2025 m. WC
- glomerata* Thunb., misapplied name = **P. truncata** subsp. **truncata**
- grandiflora* L.f. = **Lachnaea grandiflora**
- montana** Thoday
Perennial. Shrub, dwarf shrub. Ht 0.2–3 m. Alt 50–2700 m. N, LIM, NW, M, S, FS, KZN, L, EC
- montivaga** Bredenkamp & A.E.van Wyk
P. filiformis L. in part (5)
P. montivagus Bredenkamp & A.E.van Wyk, error (5)
Perennial. Shrub. Ht 1–2 m. Alt 42–2070 m. M, S, KZN, WC, EC
- montivagus* Bredenkamp & A.E.van Wyk, error = **P. montivaga**
- nivicola** Bredenkamp & A.E.van Wyk
Perennial. Low rounded shrublets. Ht 0.3–0.5 m. Alt ± 1760 m. NC, WC
- obtusifolia** Thoday
Perennial. Shrub, dwarf shrub. Ht 0.3–3.04 m. Alt 60–3050 m. NC, WC, EC
- paleacea** Wikstr.
Perennial. Shrub, dwarf shrub. Ht 0.16–1.5 m. Alt 5–460 m. WC
- paludosa** Thoday
Perennial. Shrub. Ht up to 2 m. Alt 60–460 m. WC
- pendula** Eckl. & Zeyh. ex Thoday.
P. rigida Wikstr. var. *comosa* Meisn. (1)
Perennial. Shrub, dwarf shrub. Ht 1–1.5 m. Alt 133–823 m. WC, EC
- quadrifaria** Bredenkamp & A.E.van Wyk
Perennial. Low shrubs. Ht up to 1 m. Alt 1500–1670 m. WC, EC
- rigida** Wikstr.
Perennial. Shrub, dwarf shrub. Ht 0.3–3 m. Alt 4–1950 m. KZN, WC, EC

- rigida* Wikstr. var. *comosa* Meisn. = **P. pendula**
rigida Wikstr. var. *tetragona* Meisn. = **P. truncata** subsp. **truncata**
rigida Wikstr. var. *truncata* Meisn. = **P. truncata** subsp. **truncata**
rubra C.H. Wright
P. filiformis L. var. *squarrosa* Meisn. (1)
 Perennial. Shrub, dwarf shrub. Ht 0.3–1.1 m. Alt 70–1370 m. WC, EC
truncata (Meisn.) Bredenkamp & A.E. van Wyk subsp. **monticola** Bredenkamp & A.E. van Wyk
 Perennial. Low shrublets. Ht 0.2–1.5 m. Alt ± 2000 m. WC
truncata (Meisn.) Bredenkamp & A.E. van Wyk subsp. **truncata**
P. glomerata Thunb., misapplied name (5)
P. rigida Wikstr. var. *tetragona* Meisn. (5)
P. rigida Wikstr. var. *truncata* Meisn. (5)
 Perennial. Shrub, dwarf shrub. Ht 0.3–1.5 m. Alt 30–914 m. NC, WC, EC
uniflora L. = **Lachnaea uniflora**
vulgaris Thoday = **P. corymbosa**
- PEDDIEA** Harv. 5434000
 (1) Wright. 1915. *FC* 5: 80, 81.
 (2) Peterson. 1958. *Botaniska Notiser* 3: 623, 624.
 (3) Glen. 1986. *The Flowering Plants of Africa* 49: t. 1930.
 (4) Breteler. 1994. *Bulletin du Jardin Botanique National de Belgique* 63: 205–207.
- africana** Harv.
 Perennial. Tree, shrub. Ht 0.6–9.14 m. Alt 5–1900 m. LIM, G, M, S, KZN, EC
- PSEUDOGNIDIA** E. Phillips 5435040
anomala (Meisn.) E. Phillips = **Gnidia anomala**
- STRUTHIOLA** L. 5436000
 (1) Wright. 1915. *FC* 5: 26–42.
 (2) Moore. 1919. *Journal of Botany* 57: 112, 113.
 (3) Compton. 1934. *Kew Bulletin* 1934: 261.
 (4) Levyns. 1941. *Journal of South African Botany* 7: 86, 87.
 (5) Hutchinson. 1946. *A botanist in southern Africa*: 49, 51, 90, 113.
 (6) Adamson & Salter. 1950. *Flora of the Cape Peninsula*: 599, 600.
 (7) Hilliard & Burt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 219, 220.
 (8) Hilliard. 1993. *Edinburgh Journal of Botany* 50: 182–184.
 (9) Beyers. 2000. *Strelitzia* 9: 684, 685.
 Note: several names and changes proposed by Peterson are not included in this list as they have never been published.
- angustifolia* Lam. = **S. ciliata**
angustiloba Peterson & Hilliard
 Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 1600–2665 m. KZN
anomala Hilliard
 Perennial. Dwarf shrub. Ht 0.15–0.4 m. Alt 1100–1400 m. KZN
argentea Lehm.
 Perennial. Shrub, dwarf shrub. Ht 0.27–2 m. Alt 5–1530 m. WC, EC
bachmanniana Gilg (insufficiently known)
cicatricosa C.H. Wright
 Perennial. Dwarf shrub, shrub. Ht 0.3–0.6 m. Alt 90–340 m. WC

- ciliata** (L.) Lam. in a broad sense
S. angustifolia Lam. (9)
S. flavescens Gilg ex C.H. Wright (9)
S. longiflora Lam. (6)
S. lucens Lam. (9)
S. pillansii Hutch. (9)
S. rustiana Gilg (9)
S. schlechteri Gilg ex C.H. Wright (9)
S. virgata L. (9)
 Perennial. Shrub, dwarf shrub. Ht 0.15–1.5 m. Alt 10–2165 m. NC, WC
concava S. Moore (insufficiently known) (2)
 Perennial. Dwarf shrub. Ht? Alt? WC
confusa C.H. Wright
 Perennial. Shrub, dwarf shrub. Ht 0.3–0.6 m. Alt 100–1770 m. WC
congesta C.H. Wright = **S. pondoensis**
dodecandra (L.) Druce
S. erecta Lam. (6)
 Perennial. Shrub, dwarf shrub. Ht 0.1–1.5 m. Alt 5–960 m. WC
eckloniana Meisn.
 Perennial. Shrub, dwarf shrub. Ht 0.3–2 m. Alt 60–1600 m. WC, EC
epacridioides C.H. Wright = **S. hirsuta**
erecta Lam. = **S. dodecandra**
ericoides C.H. Wright
 Perennial. Dwarf shrub, shrub. Ht 0.2–0.75 m. Alt 100–1000 m. WC
fasciata C.H. Wright
 Perennial. Shrub, dwarf shrub. Ht 0.3–0.9 m. Alt 100–600 m. WC
flavescens Gilg ex C.H. Wright = **S. ciliata**
floribunda C.H. Wright (insufficiently known)
fourcadei Compton = **S. martiana**
galpinii C.H. Wright (insufficiently known)
garciana C.H. Wright
 Perennial. Shrub, dwarf shrub. Ht 0.46–1.52 m. Alt 60–2000 m. WC, EC
hirsuta Wikstr.
S. epacridioides C.H. Wright (9)
S. pentheri S. Moore (9)
 Perennial. Shrub, dwarf shrub. Ht 0.3–1.82 m. Alt 40–549 m. WC, EC
leiosiphon Gilg ex C.H. Wright = **S. martiana**
leptantha Bolus
 Perennial. Shrub, dwarf shrub. Ht 0.3–1.82 m. Alt 10–1400 m. NC, WC
lineariloba Meisn.
 Perennial. Dwarf shrub. Ht up to 0.4 m. Alt up to 900 m. WC
longiflora Lam. = **S. ciliata**
longifolia C.H. Wright (insufficiently known)
 Perennial. Shrub. Ht? Alt? WC
lucens Lam. = **S. ciliata**
macowanii C.H. Wright
 Perennial. Shrub, dwarf shrub. Ht 0.22–1.52 m. Alt 15–1830 m. WC, EC
martiana Meisn.
S. fourcadei Compton (9)
S. leiosiphon Gilg ex C.H. Wright (9)

- Perennial. Shrub. Ht 0.9–1.8 m. Alt 750–1800 m. WC
mundii Eckl. ex Meisn.
 Perennial. Dwarf shrub, shrub. Ht 0.25–0.6 m. Alt 100–800 m. WC
myrsinites Lam.
S. ovata Thunb. (6)
 Perennial. Shrub, dwarf shrub. Ht 0.25–2.5 m. Alt 15–1665 m. WC, EC
ovata Thunb. = **S. myrsinites**
parviflora Bartl. ex Meisn.
 Perennial. Shrub, dwarf shrub. Ht 0.2–0.9 m. Alt 15–1190 m. WC, EC
pentheri S. Moore = **S. hirsuta**
pillansii Hutch. = **S. ciliata**
pondoensis Gilg ex C.H. Wright
S. congesta C.H. Wright (9)
 Perennial. Shrub. Ht 0.9–2 m. Alt 250–530 m. KZN, EC
ramosa C.H. Wright (insufficiently known)
 Perennial. Shrub, dwarf shrub. Ht 0.2–0.4 m. Alt? WC
recta C.H. Wright (insufficiently known)
 Perennial. Shrub, dwarf shrub. Ht? Alt 270–667 m. WC
rigida Meisn.
 Perennial. Dwarf shrub. Ht 0.2–0.5 m. Alt 76–300 m. WC
rustiana Gilg = **S. ciliata**
salteri Levyns

- Perennial. Shrub, dwarf shrub. Ht 0.33–0.8 m. Alt 1–300 m. WC
schlechteri Gilg ex C.H. Wright = **S. ciliata**
striata Lam.
 Perennial. Shrub, dwarf shrub. Ht 0.2–1.82 m. Alt 6–900 m. WC, EC
tetralepis Schltr. var. **glabricaulis** Schltr.
 Perennial. Dwarf shrub. Ht up to 0.3 m. Alt 274–762 m. WC
tetralepis Schltr. var. **tetralepis**
 Perennial. Dwarf shrub, shrub. Ht up to 0.6 m. Alt up to 1000 m. WC
tomentosa Andrews
 Perennial. Dwarf shrub, shrub. Ht 0.3–0.6 m. Alt 50–1865 m. WC
tuberculosa Lam. (insufficiently known)
 Perennial. Shrub, dwarf shrub. Ht? Alt? WC, EC
virgata L. = **S. ciliata**
STRUTHIOLOPSIS E. Phillips 5435050
bolusii E. Phillips = **Gnidia linearifolia**
pulvinata (Bolus) E. Phillips = **Gnidia nana**
SYNAPTOLEPIS Oliv. 5442000
 (1) Wright. 1915. *FC* 5: 79, 80.
 (2) Peterson. 1978. *FTEA* Thymelaeaceae: 5–8.
kirkii Oliv.
 Perennial. Shrub. Ht 1.21–3.04 m. Alt 6–155 m. LIM, S, KZN

TILIACEAE

Compiled by C.L. Bredenkamp & M. Jordaan

- CORCHORUS** L. 4953000
 (1) Wild. 1963. *FZ* 2: 82–91.
 (2) Codd. 1983. *Bothalia* 14: 221.
 (3) Wild. 1984. *FSA* 21: 32–42.
 (4) Edmonds. 1990. *Herbarium survey of African Corchorus L. species*: 1–284.
 (5) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 173, 174.
angolensis Exell & Mendonça
 Perennial. Dwarf shrub. Ht ± 0.6 m. Alt ?–1000 m. N
asplenifolius Burch.
C. serrifolius Burch. (3)
 Perennial. Herb. Ht 0.05–0.91 m. Alt 303–1675 m. N, B, LIM, NW, G, M, S, FS, KZN, NC
confusus Wild
 Perennial. Herb. Ht 0.06–0.35 m. Alt 25–2500 m. B, LIM, NW, G, M, S, KZN
discolor N.E.Br. = **C. junodii**
junodii (Schinz) N.E.Br.
C. discolor N.E.Br. (3)
 Perennial. Shrub. Ht 0.3–1.6 m. Alt 15–670 m. LIM, M, KZN
kirkii N.E.Br.
C. pongolensis Burt Davy & Greenway (3)
 Perennial. Shrub. Ht 0.3–2.5 m. Alt 275–1645 m. B, LIM, NW, G
longipedunculatus Mast.
 Annual. Herb. Ht 0.38–0.6 m. Alt up to 460 m. B, LIM, M
merxmulleri Wild
 Perennial. Shrub. Ht 0.5–2 m. Alt up to 1800 m. N
***olitorius** L.
 Annual. Herb. Ht 0.4–1.82 m. Alt 45–520 m. N, B, LIM, G, M, KZN
pinnatipartitus Wild
 Perennial. Herb. Ht ± 0.2 m. Alt ?–1467 m. B, NW, NC
pongolensis Burt Davy & Greenway = **C. kirkii**
psammophilus Codd
 Perennial. Herb. Ht 0.3–0.6 m. Alt? B, LIM
schimperii Cufod.
 Annual. Herb. Ht up to 0.15 m. Alt 198–1405 m. N, B, LIM, NW, G, S, FS, KZN, NC
serrifolius Burch. = **C. asplenifolius**
sulcatus I. Verd.
 Perennial. Herb. Ht up to 0.3 m. Alt 795–945 m. LIM, M, NC

***tridens** L.

Annual. Herb. Ht 0.12–0.91 m. Alt 245–1005 m. N, B, LIM, NW, G, M, S, KZN

***trilocularis** L.

Biennial. Herb. Ht 0.3–1.06 m. Alt 5–1371 m. N, B, LIM, NW, G, M, S, KZN, EC

velutinus Wild

Perennial. Shrub. Ht 0.91–1.21 m. Alt 490–520 m. LIM

GREWIA L.

4966000

(1) Wild. 1963. *FZ* 2: 37–63.

(2) Codd. 1977. *The Flowering Plants of Africa* 44: t. 1733.

(3) Wild. 1984. *FSA* 21: 1–19.

(4) Coates Palgrave. 2002. *Keith Coates Palgrave Trees of southern Africa*, edn 3.

avellana Hiern

G. calycina N.E.Br. (3)

Perennial. Shrub. Ht up to 2 m. Alt 885–1220 m. N, B, LIM, NC

bicolor Juss. var. **bicolor**

G. disticha Dinter & Burret (3)

G. kwebensis N.E.Br. (3)

G. miniata Mast. ex Hiern (3)

Perennial. Tree or shrub. Ht up to 9 m. Alt 30–1350 m. N, B, LIM, NW, G, M, S, KZN

caffra Meisn.

Perennial. Shrub or scrambler. Ht 1–3 m. Alt 15–1158 m. LIM, M, S, KZN

calycina N.E.Br. = **G. avellana**

cana Sond. = **G. flava**

cordata N.E.Br. = **G. monticola**

deserticola Ulbr. = **G. retinervis**

discolor Harv. = **G. monticola**

disticha Dinter & Burret = **G. bicolor** var. **bicolor**

falcistipula K.Schum.

Perennial. Shrub or dwarf shrub. Ht up to 1.5 m. Alt 379–1400 m. N, B

flava DC.

G. cana Sond. (3)

G. hermannioides Harv. (3)

Perennial. Shrub. Ht up to 3 m. Alt 155–1830 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

flavescens Juss.

Perennial. Shrub. Ht up to 5 m. Alt 100–1525 m. N, B, LIM, NW, G, M, S, KZN

flavescens Juss. var. *olukondae* (Schinz) Wild = **G. olukondae**

gracillima Wild

Perennial. Shrub. Ht up to 2 m. Alt 580–700 m. LIM

hermannioides Harv. = **G. flava**

hexamita Burret

G. messinica Burt Davy & Greenway (3)

G. schweickerdtii Burret (3)

Perennial. Tree or shrub. Ht 2–5 m. Alt 151–1300 m. LIM, M, S, KZN

hispida Harv.

Perennial. Shrub. Ht up to 1.5 m. Alt 800–1830 m. M, FS, KZN

hornbyi Wild

Perennial. Shrub. Ht 2–4 m. Alt 0–300 m. KZN

inaequilatera Garcke

Perennial. Tree or shrub. Ht up to 7 m. Alt 245–275 m. B, LIM, M

kwebensis N.E.Br. = **G. bicolor** var. **bicolor**

lasiocarpa E.Mey. ex Harv.

Perennial. Shrub or climber. Ht up to 5 m. Alt 5–1220 m. KZN, EC

messinica Burt Davy & Greenway = **G. hexamita**

microthyrsa K.Schum. ex Burret

Perennial. Shrub. Ht up to 3 m. Alt 20–1050 m. LIM, KZN

miniata Mast. ex Hiern = **G. bicolor** var. **bicolor**

monticola Sond.

G. cordata N.E.Br. (3)

G. discolor Harv. (3)

Perennial. Tree or shrub. Ht up to 5 m. Alt 20–1980 m. N, B, LIM, NW, G, M, S, KZN

occidentalis L. var. **occidentalis**

Perennial. Tree or shrub. Ht up to 3 m. Alt 2–2075 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

olukondae Schinz

G. flavescens Juss. var. *olukondae* (Schinz) Wild (4)

Perennial. Shrub. Ht up to 3 m. Alt 305–1500 m. N, B, LIM

pachycalyx K.Schum.

Perennial. Shrub. Ht up to 5 m. Alt ?–915 m. N, B

pondoensis Burret

Perennial. Tree, shrub or climber. Ht up to 5 m. Alt ?–305 m. KZN, EC

populifolia Vahl, illegitimate name = **G. tenax** var. **tenax**

praecox K.Schum.

Perennial. Tree or shrub. Ht up to 4 m. Alt 0–300 m. B

retinervis Burret

G. deserticola Ulbr. (3)

Perennial. Shrub. Ht up to 2 m. Alt 410–1950 m. N, B, LIM, NW

robusta Burch.

Perennial. Shrub. Ht up to 3 m. Alt 20–1372 m. WC, EC

rogersii Burt Davy & Greenway

Perennial. Shrub. Ht up to 5 m. Alt ?–1525 m. LIM

schinzii K.Schum.

Perennial. Shrub. Ht 1.5–5 m. Alt 945–1005 m. N, B

schweickerdtii Burret = **G. hexamita**

subspathulata N.E.Br.

Perennial. Shrub. Ht up to 8 m. Alt 90–1600 m. N, B, LIM, NW, G, M, S, KZN

sulcata Mast. var. **sulcata**

Perennial. Shrub. Ht up to 3 m. Alt 245–610 m. LIM, M

tenax (Forssk.) Fiori var. **tenax**

G. populifolia Vahl, illegitimate name (3)

Perennial. Shrub. Ht up to 2 m. Alt 520–2000 m. N, B, LIM

vernica Schinz

Perennial. Shrub or dwarf shrub. Ht up to 1.5 m. Alt 457–1585 m. LIM, M

villosa Willd. var. **villosa**

Perennial. Shrub. Ht up to 3 m. Alt 60–1850 m. N, B, LIM, NW, M, S, KZN

SPARRMANNIA L.f. 4957000

- (1) Killick. 1973. *The Flowering Plants of Africa* 42: t. 1663.
 (2) Wild. 1984. *FSA* 21: 29–31.
 (3) Codd & Nicholas. 1989. *Taxon* 38: 669, 670.
 (4) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 176.

africana L.f.

Perennial. Shrub. Ht 2–7 m. Alt 10–610 m. WC, EC

palmata E.Mey. ex Harv. = **S. ricinocarpa**

ricinocarpa (Eckl. & Zeyh.) Kuntze

S. palmata E.Mey. ex Harv. (2)

Perennial. Shrub. Ht 0.5–3.04 m. Alt 365–2133 m. LIM, G, M, S, FS, KZN, L, EC

TRIUMFETTA L. 4975000

- (1) Wild. 1963. *FZ* 2: 63–78.
 (2) Wild. 1984. *FSA* 21: 20–28.
 (3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 176–178.

angolensis Sprague & Hutch.

Perennial. Herb. Ht 0.6–0.9 m. Alt up to 1280 m. N, LIM, NW, G

annua L. forma **annua**

Annual. Herb. Ht 0.2–0.6 m. Alt 945–1600 m. N, B, LIM, NW, G, M, S, KZN

annua L. forma **piligera** Sprague & Hutch.

Annual. Herb. Ht 0.2–0.6 m. Alt up to 1215 m. N, B, LIM, NW, G, KZN

benguensis Wawra ex Wawra & Peyr.

Perennial. Shrub. Ht 0.6–1.5 m. Alt? N

dekindtiana Engl.

Perennial. Herb. Ht 0.5–1 m. Alt up to 1500 m. LIM

delicatula Sprague & Hutch.

Perennial. Shrub. Ht up to 0.8 m. Alt? N

effusa E.Mey. ex Harv. = **T. pilosa** var. **effusa**

hirsuta Sprague & Hutch. = **T. welwitschii** var. **hirsuta obtusicornis** Sprague & Hutch.

Perennial. Shrub, prostrate. Length ± 1 m. Alt up to 1675 m. G, M

pentandra A.Rich. var. **pentandra**

Annual. Herb. Ht 0.2–2 m. Alt 379–1050 m. N, B, LIM, M

pilosa Roth var. **effusa** (E.Mey. ex Harv.) Wild

T. effusa E.Mey. ex Harv. (2)

Perennial. Shrub. Ht 0.55–1.82 m. Alt 12–1770 m. LIM, NW, G, M, S, KZN, EC

pilosa Roth var. **pilosa**

Perennial. Shrub. Ht ± 1.3 m. Alt? LIM

pilosa Roth var. **tomentosa** Szyszyl. ex Sprague & Hutch.

Perennial. Shrub. Ht 0.4–2.13 m. Alt 15–1740 m. B, LIM, NW, G, M, S, KZN, EC

rehmannii Szyszyl. = **T. welwitschii** var. **welwitschii**

rhomboidea Jacq. var. **rhomboidea**

Annual, occ. perennial. Shrub, herb. Ht 0.01–2 m. Alt 5–1280 m. N, B, LIM, NW, G, M, S, KZN, EC

sonderi Ficalho & Hiern

T. trichocarpa Sond. (2)

Perennial. Dwarf shrub. Ht 0.1–1 m. Alt 900–1700 m. LIM, NW, G, M

tomentosa Bojer var. **tomentosa**

Perennial. Shrub. Ht up to 3 m. Alt? N

trichocarpa Sond. = **T. sonderi**

welwitschii Mast. var. **hirsuta** (Sprague & Hutch.) Wild

T. hirsuta Sprague & Hutch. (2)

Perennial. Herb. Ht 0.16–0.5 m. Alt 460–1525 m. LIM, M, S, KZN

welwitschii Mast. var. **welwitschii**

T. rehmannii Szyszyl. (2)

Perennial. Herb. Ht 0.2–0.91 m. Alt 365–1480 m. LIM, M, KZN

TRAPACEAE

Compiled by R.P. Glen & C.L. Bredenkamp

TRAPA L. 5829000

- (1) Brenan. 1978. *FZ* 4: 346–348.
 (2) Verdcourt. 1986. *Kew Bulletin* 41: 447–449.
 (3) Kadono. 1987. *Acta Phytotaxonomica et Geobotanica* 38: 206, 208, 209.
 (4) Verdcourt. 1998. *Bothalia* 28: 11–14.

Note: *Trapa* is in a state of flux at the moment, and is being revised by Symoens for various African floras. Owing to poorly collected material there is insufficient information on the nuts in the FSA region to distinguish the different varieties. Currently *T. natans* should therefore be treated in the wider sense [(3) & C.D.K. Cook, pers. comm.].

natans L. var. **bispinosa** (Roxb.) Makino

Annual, occ. perennial. Herb, hydrophyte: epiphydate. Ht depending on depth of water. Alt 930–1030 m. N, B

natans L. var. **pumila** Nakano ex Verdc.

Annual, occ. perennial. Herb, hydrophyte: epiphydate. Ht depending on depth of water. Alt 6–90 m. KZN

TURNERACEAE

Compiled by C.L. Bredenkamp

- PIRIQUETA** Aubl. 5357000
 (1) Obermeyer. 1976. *FSA* 22: 98–101.
 (2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 54.
capensis (Harv.) Urb.
 Perennial. Dwarf shrub. Ht 0.15–0.3 m. Alt 155–1220 m. LIM, NW, G, M, S, KZN
- STREPTOPETALUM** Hochst. 5356000
 (1) Obermeyer. 1976. *FSA* 22: 98.
 (2) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 54.
serratum Hochst.
 Annual, occ. perennial. Dwarf shrub. Ht up to 0.4 m. Alt 425–1220 m. N, B, LIM
- TRICLICERAS** Thonn. ex DC. 5355000
 (1) Schreiber. 1968. *FSWA* 88: 1–4.
 (2) Fernandes. 1975. *Boletim da Sociedade Broteriana* 49: 15–25.
 (3) Obermeyer. 1976. *FSA* 22: 93–98.
 (4) Obermeyer. 1978. *Bothalia* 12: 453.
 (5) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 54, 55.
glanduliferum (Klotzsch) R.Fern.
Wormskioldia glandulifera Klotzsch (2)
 Annual. Herb. Ht 0.15–0.4 m. Alt 275–915 m. N, B, LIM, M, S
laceratum (Oberm.) Oberm.
Wormskioldia lacerata Oberm. (4)
 Perennial. Herb. Ht 0.15–0.3 m. Alt 91–950 m. LIM, M, S
lobatum (Urb.) R.Fern.
Wormskioldia lobata Urb. (2)
 Annual. Herb. Ht up to 0.6 m. Alt up to 930 m. N, B
longepedunculatum (Mast.) R.Fern. var. **longepedunculatum**
Wormskioldia longepedunculata Mast. (2)
 Perennial. Herb. Ht 0.12–0.4 m. Alt 303–1525 m. N, B, LIM, M, S
mossambicense (A.Fern. & R.Fern.) R.Fern.
Wormskioldia mossambicensis A.Fern. & R.Fern. (2)
 Perennial. Herb. Ht 0.3–0.4 m. Alt 30–85 m. KZN
schinzii (Urb.) R.Fern. subsp. **schinzii** var. **juttae** (Dinter & Urb.) R.Fern.
Wormskioldia schinzii Urb. (4)
 Perennial. Herb. Ht 0.11–0.38 m. Alt 950–1065 m. N, B, LIM, NW, M
tanacetifolium (Klotzsch) R.Fern.
Wormskioldia tanacetifolia Klotzsch (2)
 Annual. Herb. Ht 0.22–0.6 m. Alt 335–800 m. M
- TURNERA** L. 5360000
 (1) Linnaeus. 1753. *Species plantarum* edn 1: 271.
 (2) Obermeyer. 1976. *FSA* 22: 102, 103.
 (3) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 55.
oculata Story var. **oculata**
 Perennial. Shrub. Ht up to 1.82 m. Alt 700–1830 m. N
oculata Story var. **paucipilosa** Oberm.
 Perennial. Shrub, dwarf shrub. Ht up to 0.3 m. Alt? N
WORMSKIOLDIA Thonn. 5355010
glandulifera Klotzsch = **Tricliceras glanduliferum**
lacerata Oberm. = **Tricliceras laceratum**
lobata Urb. = **Tricliceras lobatum**
longepedunculata Mast. = **Tricliceras longepedunculatum** var. **longepedunculatum**
mossambicensis A.Fern. & R.Fern. = **Tricliceras mossambicense**
schinzii Urb. = **Tricliceras** subsp. **schinzii** var. **juttae**
tanacetifolia Klotzsch = **Tricliceras tanacetifolium**

ULMACEAE

Compiled by M. Jordaan

- *ULMUS** L. 1896000
 (1) Bailey & Bailey. 1977. *Hortus third*: 1137, 1138.
 (2) Yeo. 1989. *European garden flora* 3: 80–85.
parvifolia Jacq.
 Perennial. Tree. Ht 2–25 m. Alt 800–1700 m. G, FS, EC
procera Salisb.
 Perennial. Tree. Ht 2–40 m. Alt 800–1500 m. G, EC

URTICACEAE

Compiled by M. Jordaan

- AUSTRALINA** Gaudich. 2014000
acuminata Wedd. = **Didymodoxa caffra**
caffra (Thunb.) Prain = **Didymodoxa caffra**
capensis Wedd. = **Didymodoxa capensis** var. **integrifolia**

integrifolia Wedd. = **Didymodoxa capensis** var. **integrifolia**

paarlensis N.E.Br. = **Didymodoxa capensis** var. **integrifolia**

procumbens N.E.Br. = **Didymodoxa capensis** var. **capensis**

thunbergii N.E.Br. = **Didymodoxa capensis** var. **capensis**

DIDYMODOXA Wedd. 2014010

(1) Friis & Wilmot-Dear. 1985. *Boletim da Sociedade Broteriana* 58: 210–214.

(2) Friis et al. 1987. *Nordic Journal of Botany* 7: 126.

(3) Friis & Wilmot-Dear. 1988. *Nordic Journal of Botany* 8: 45–53.

(4) Friis. 1991. *FZ* 9,6: 114–116.

(5) Friis & Immelman. 2001. *FSA* 9: 29–32.

caffra (Thunb.) Friis & Wilmot-Dear

Australina acuminata Wedd. (1)

Australina caffra (Thunb.) Prain (1)

Annual. Herb. Ht 0.2–0.5 m. Alt 10–1740 m. N, LIM, G, M, FS, KZN, L, EC

capensis (L.f.) Friis & Wilmot-Dear var. **capensis**

Australina procumbens N.E.Br. (2)

Australina thunbergii N.E.Br. (2)

Urtica capensis L.f. (2)

Annual. Herb. Ht 0.1–0.35 m. Alt 50–1280 m. N, NC, WC

capensis (L.f.) Friis & Wilmot-Dear var. **integrifolia** (Wedd.) Friis & Wilmot-Dear

Australina capensis Wedd. (2)

Australina integrifolia Wedd. (2)

Australina paarlensis N.E.Br. (2)

D. integrifolia (Wedd.) Wedd. (2)

Annual. Herb. Ht 0.1–0.35 m. Alt 0–300 m. NC, WC

integrifolia (Wedd.) Wedd. = **D. capensis** var. **integrifolia**

DROGUETIA Gaudich. 2013000

(1) Friis. 1986. *Taxon* 35: 701–705.

(2) Friis et al. 1987. *Nordic Journal of Botany* 7: 126.

(3) Friis & Wilmot-Dear. 1988. *Nordic Journal of Botany* 8: 36–45.

(4) Friis. 1991. *FZ* 9,6: 112–114.

(5) Friis & Immelman. 2001. *FSA* 9: 26–29.

ambigua Wedd.

D. urticaefolia Wedd. (2)

Perennial. Herb. Ht 0.2–0.4 m. Alt 0–300 m. KZN, EC

burchellii N.E.Br. = **D. iners** subsp. **burchellii**

iners (Forssk.) Schweinf. subsp. **burchellii** (N.E.Br.) Friis & Wilmot-Dear

D. burchellii N.E.Br. (2)

Perennial. Herb. Ht 0.3–0.5 m. Alt 0–244 m. KZN, WC, EC

iners (Forssk.) Schweinf. subsp. **iners**

D. thunbergii N.E.Br. (3)

D. woodii N.E.Br. (3)

Perennial. Herb. Ht 0.1–1.5 m. Alt 30–1000 m. KZN, EC

thunbergii N.E.Br. = **D. iners** subsp. **iners**

urticaefolia Wedd. = **D. ambigua**

woodii N.E.Br. = **D. iners** subsp. **iners**

FLEURYA Gaudich. 1982000

alatipes (Hook.f.) N.E.Br. = **Laportea alatipes**

grossa Wedd. = **Laportea grossa**

mitis (Wedd.) N.E.Br. = **Laportea peduncularis** subsp. **peduncularis**

FORSSKAOLEA L. 2012000

(1) Roessler. 1967. *FSWA* 17: 2–4.

(2) Merxmüller & Roessler. 1980. *Landbouwhogeschool Wageningen, Miscellaneous Papers* 19: 263–280.

(3) Friis & Wilmot-Dear. 1988. *Nordic Journal of Botany* 8: 25–36.

(3) Friis & Immelman. 2001. *FSA* 9: 23–26.

candida L.f.

F. candida L.f. var. *virescens* Wedd. (1)

Perennial. Herb. Ht 0.1–1.5 m. Alt 50–2000 m. N, NC, WC, EC

candida L.f. var. *virescens* Wedd. = **F. candida**

eenii Rendle = **F. viridis**

hereroensis Schinz

Annual. Herb. Ht 0.25–1 m. Alt 50–600 m. N, NC

viridis Ehrenb. ex Webb

F. eenii Rendle (1)

Annual. Herb. Ht 0.2–1.2 m. Alt 520–900 m. N

GIRARDINIA Gaudich. 1983000

(1) Friis. 1981. *Kew Bulletin* 36: 143–157.

(2) Friis. 1991. *FZ* 9,6: 85–88.

(3) Friis & Immelman. 2001. *FSA* 9: 14–15.

condensata (Steud.) Wedd. = **G. diversifolia**

diversifolia (Link) Friis

G. condensata (Steud.) Wedd. (1)

G. heterophylla Decne. (1)

Annual, occ. perennial. Herb. Ht 0.5–2 m. Alt 1000–1600 m. LIM, M, S

heterophylla Decne. = **G. diversifolia**

LAPORTEA Gaudich. 1980000

(1) Chew. 1965. *Gardens' Bulletin, Singapore* 21: 195–208.

(2) Chew. 1969. *Gardens' Bulletin, Singapore* 25: 111–177.

(3) Friis & Wilmot-Dear. 1985. *Boletim da Sociedade Broteriana* 58: 201–214.

(4) Friis. 1991. *FZ* 9,6: 88–96.

(5) Friis & Immelman. 2001. *FSA* 9: 10–14.

alatipes Hook.f.

Fleurya alatipes (Hook.f.) N.E.Br. (2)

Annual, occ. perennial. Herb. Ht 0.5–1.5 m. Alt 1400–1980 m. LIM, KZN, EC

caffra Chew = **L. peduncularis** subsp. **peduncularis**

grossa (Wedd.) Chew

Fleurya grossa Wedd. (2)

Annual, occ. perennial. Herb. Ht 0.3–1 m. Alt 50–671 m. M, KZN, WC, EC

peduncularis (Wedd.) Chew subsp. **latidens** Friis

Annual. Herb. Ht 0.25–0.45 m. Alt 50–200 m. KZN, EC

peduncularis (Wedd.) Chew subsp. **peduncularis**

Fleurya mitis (Wedd.) N.E.Br. (2)

L. caffra Chew (3)

Annual, occ. perennial. Herb. Ht 0.5–1.5 m. Alt 100–1675 m. LIM, M, S, KZN, WC, EC

OBETIA Gaudich. 1979000

(1) Roessler. 1967. *FSWA* 17: 5.

(2) Friis. 1983. *Kew Bulletin* 38: 221–228.

(3) Friis. 1991. *FZ* 9,6: 85.

(4) Friis & Immelman. 2001. *FSA* 9: 8–10.

carruthersiana (Hiern) Rendle

Perennial. Tree. Ht up to 4 m. Alt? N
tenax (N.E.Br.) Friis
Urera tenax N.E.Br. (2)
 Perennial. Tree or shrub. Ht 2–7 m. Alt 15–1830 m. B,
 LIM, NW, G, M, S, KZN, EC

PARIETARIA L. 2007000

- (1) Hilliard & Burt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 402.
 (2) Friis & Immelman. 2001. *FSA* 9: 21, 22.

debilis G.Forst.

P. micrantha in sense of Hilliard & B.L.Burt (2)

Annual, occ. perennial. Herb. Ht 0.17–0.45 m. Alt
 285–3050 m. N, FS, KZN, L, EC

micrantha in sense of Hilliard & B.L.Burt = **P. debilis**

PILEA Lindl. 1984000

- (1) Letouzey. 1968. *Flore du Cameroun* 8: 158–179.
 (2) Friis. 1989. *Kew Bulletin* 44: 557–600.
 (3) Friis. 1991. *FZ* 9,6: 96–100.
 (4) Friis & Immelman. 2001. *FSA* 9: 15–17.

rivularis Wedd.

P. worsdellii N.E.Br. (1)

Perennial. Herb. Ht 0.15–0.6 m. Alt 1800–2100 m.
 LIM, M, EC

worsdellii N.E.Br. = **P. rivularis**

POUZOLZIA Gaudich. 1992000

- (1) Friis & Jellis. 1984. *Kew Bulletin* 39: 587–601.
 (2) Friis. 1991. *FZ* 9,6: 108–112.
 (3) Friis & Immelman. 2001. *FSA* 9: 17–21.

hypoleuca Wedd. = **P. mixta**

mixta Solms

P. hypoleuca Wedd. (1)

Perennial. Tree or shrub. Ht 1–4 m. Alt 105–1830 m.
 N, B, LIM, NW, G, M, S, KZN

parasitica (Forssk.) Schweinf.

P. procrudioides (Wedd.) Wedd. (1)

Perennial. Herb. Ht 0.45–1 m. Alt 305–1220 m. LIM,
 M, S, KZN, EC

procrudioides (Wedd.) Wedd. = **P. parasitica**

URERA Gaudich. 1978000

- (1) Friis. 1985. *Nordic Journal of Botany* 5: 547–553.
 (2) Friis *et al.* 1987. *Nordic Journal of Botany* 7: 126.
 (3) Friis. 1991. *FZ* 9,6: 80–85.
 (4) Friis & Immelman. 2001. *FSA* 9: 7, 8.

cameroonensis Wedd. = **U. trinervis**

tenax N.E.Br. = **Obetia tenax**

trinervis (Hochst.) Friis & Immelman

U. cameroonensis Wedd. (2)

U. woodii N.E.Br. (1)

Perennial. Climber. Ht 3–10 m. Alt 15–610 m. KZN,
 EC

woodii N.E.Br. = **U. trinervis**

URTICA L. 1974000

- (1) Friis. 1989. *FTEA Urticaceae*: 3–5.
 (2) Friis. 1991. *FZ* 9,6: 79–116.
 (3) Friis & Immelman. 2001. *FSA* 9: 2–7.

burchellii N.E.Br. = **U. lobulata**

capensis L.f. = **Didymodoxa capensis** var. **capensis**

***dioica** L.

Perennial. Herb. Ht 0.3–1 m. Alt 1000–1920 m. NC,
 WC, EC

lobulata Blume

U. burchellii N.E.Br. (2)

Annual. Herb. Ht 0.3–0.8 m. Alt 90–2895 m. FS,
 KZN, L, NC, WC, EC

***urens** L.

Annual. Herb. Ht 0.1–0.5 m. Alt 20–2685 m. N, G, M,
 FS, KZN, L, NC, WC, EC

VAHLIACEAE

Compiled by A.M. Makwarela

BISTELLA Adans. 3201010

capensis (L.f.) Bullock = **Vahlia capensis** subsp.
capensis

digyna (Retz.) Bullock = **Vahlia digyna**

RUSSELIA L.f. 3201020

capensis L.f. = **Vahlia capensis** subsp. **capensis**

VAHLIA Thunb. 3201000

- (1) Bullock. 1966. *Acta Botanica Neerlandica* 15: 84, 85.
 (2) Ross. 1972. *Memoirs of the Botanical Survey of South Africa* No.
 39: 180.
 (3) Bridson. 1975. *Kew Bulletin* 30,1: 163–182.
 (4) Bridson. 1975. *FTEA Vahliaaceae*: 1–5.

capensis in sense of J.H.Ross, misapplied name = **V.**
capensis subsp. **vulgaris** var. **longifolia**

capensis (L.f.) Thunb. subsp. **capensis**

Bistella capensis (L.f.) Bullock (3)

Russelia capensis L.f. (3)

V. glandulosa Schltr. ex Engl. (3)

Annual, occ. perennial. Herb. Ht 0.11–0.32 m. Alt
 120–850 m. LIM, NW, NC, WC

capensis (L.f.) Thunb. subsp. **ellipticifolia** Bridson

Annual, occ. perennial. Herb, semidecumbent. Ht
 0.13–0.2 m. Alt? N, NC

capensis (L.f.) Thunb. subsp. **vulgaris** Bridson var. **lati-**
folia Burt Davy

Annual, occ. perennial. Herb. Ht 0.1–0.14 m. Alt? G

capensis (L.f.) Thunb. subsp. **vulgaris** Bridson var.
linearis E.Mey. ex Bridson

V. cynodonteti Dinter (3)

Annual, occ. perennial. Herb. Ht 0.15–0.3 m. Alt
 490–1525 m. N, B, LIM, NW, G, M, FS, L, NC,
 WC

capensis (L.f.) Thunb. subsp. **vulgaris** Bridson var.
longifolia (Gand.) Bridson

V. capensis in sense of J.H.Ross, misapplied name (2)

V. longifolia Gand. (3)

Annual, occ. perennial. Herb. Ht 0.13–0.4 m. Alt ?–1000 m. M, KZN

capensis (L.f.) Thunb. subsp. **vulgaris** Bridson var. **vulgaris**

Annual, occ. perennial. Herb. Ht 0.07–0.38 m. Alt 40–1420 m. N, B, LIM, NW, G, FS, KZN, NC, WC, EC

capensis (L.f.) Thunb. subsp. **vulgaris** Bridson intermediate between var. **linearis** & var. **longifolia**

Annual, occ. perennial. Herb. Ht 0.1–0.25 m. Alt ?–1100 m. B, LIM, M

capensis (L.f.) Thunb. subsp. **vulgaris** Bridson intermediate between var. **vulgaris** & var. **linearis**

Annual, occ. perennial. Herb. Ht 0.1–0.3 m. Alt ?–1613 m. N, B

capensis (L.f.) Thunb. subsp. **vulgaris** Bridson intermediate between var. **vulgaris** & var. **longifolia**

Annual, occ. perennial. Herb. Ht 0.11–0.43 m. Alt? LIM, G, M

capensis (L.f.) Thunb. subsp. **vulgaris** Bridson intermediate between var. **vulgaris** & var. **verbasciflora**

Annual, occ. perennial. Herb. Ht up to 0.37 m. Alt? N *cynodonteti* Dinter = **V. capensis** subsp. **vulgaris** var.

linearis

digyna (Retz.) Kuntze

Bistella digyna (Retz.) Bullock (3)

Oldenlandia decumbens Spreng. (3)

Oldenlandia digyna Retz. (3)

V. menyharthii Schinz (3)

V. ramosissima DC. (3)

V. sessiliflora DC. (3)

V. viscosa Roxb. (3)

Annual. Herb. Ht 0.05–0.35 m. Alt 900–1000 m. B

glandulosa Schltr. ex Engl. = **V. capensis** subsp. **capensis**

longifolia Gand. = **V. capensis** subsp. **vulgaris** var.

longifolia

menyharthii Schinz = **V. digyna**

ramosissima DC. = **V. digyna**

sessiliflora DC. = **V. digyna**

viscosa Roxb. = **V. digyna**

VALERIANACEAE

Compiled by W.G. Welman

***CENTRANTHUS** DC. 8531000

(1) Richardson. 1976. *Flora europaea* 4: 55.

ruber (L.) DC.

Perennial. Herb. Ht 0.3–0.8 m. Alt 250–300 m. WC

VALERIANA L. 8532000

(1) Burt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 402–405.

capensis Thunb. var. **capensis**

Perennial. Herb. Ht 0.15–1.5 m. Alt 305–3333 m.

LIM, NW, G, M, S, FS, KZN, L, WC, EC

capensis Thunb. var. **lanceolata** N.E.Br.

Perennial. Herb. Ht 0.2–0.6 m. Alt 1200–3000 m.

KZN, L, EC

capensis Thunb. var. **nana** B.L.Burt

Perennial. Herb. Ht 0.05–0.75 m. Alt 2200–3333 m.

KZN, L, EC

VERBENACEAE

Compiled by E. Retief

BOUCHEA Cham. 7148020

adenostachya Schauer = **Chascanum adenostachyum**

caespitosa H.Pearson = **Chascanum caespitosum**

cuneifolia (L.f.) Schauer = **Chascanum cuneifolium**

hederacea Sond. = **Chascanum hederaceum** var. **hederaceum**

hederacea Sond. var. *natalensis* H.Pearson = **Chascanum hederaceum** var. **natalensis**

incisa H.Pearson = **Chascanum incisum**

integrifolia H.Pearson = **Chascanum integrifolium**

krookii Gürke ex Zahlbr. = **Chascanum krookii**

latifolia Harv. = **Chascanum latifolium** var. **latifolium**

latifolia Harv. var. *glabrescens* H.Pearson = **Chascanum latifolium** var. **glabrescens**

namaquana Bolus ex H.Pearson = **Chascanum namaquanium**

schlechteri Gürke = **Chascanum schlechteri**

CHASCANUM E.Mey. 7148030

(1) Pearson. 1905. *Transactions of the South African Philosophical Society* 15: 175–182.

(2) Moldenke. 1938. *Feddes Repertorium* 45: 114–156, 300–319.

(3) Moldenke. 1939. *Feddes Repertorium* 46: 1–12.

(4) Fernandes. 1984. *Boletim da Sociedade Broteriana* 57: 265–273.

(5) Gilbert. 1986. *Taxon* 35: 391–393.

(6) Verdcourt. 1992. *FTEA Verbenaceae*: 11–17.

(7) Retief & Herman. 1997. *Strelitzia* 6: 640, 641.

(8) Goldblatt & Manning. 2000. *Strelitzia* 9: 687.

adenostachyum (Schauer) Moldenke

Bouchea adenostachya Schauer (4)

Plexipus adenostachyus (Schauer) R.Fern. (4)

Perennial. Herb. Ht 0.25–0.3 m. Alt 380–1675 m. B,

NW, G, M, NC

caespitosum (H.Pearson) Moldenke (insufficiently known)

Bouchea caespitosa H.Pearson (4)

Plexipus caespitosus (H.Pearson) R.Fern. (4)

- Perennial. Herb. Ht? Alt? Distr.?
- cernuum** (L.) E.Mey.
Buchnera cernua L. (4)
Plexipus cernuus (L.) R.Fern. (4)
Perennial. Dwarf shrub. Ht 0.3–0.6 m. Alt 9–365 m.
WC
- cuneifolium** (L.f.) E.Mey.
Bouchea cuneifolia (L.f.) Schauer (4)
Buchnera cuneifolia L.f. (4)
C. dehiscens (L.f.) Moldenke (4)
Plexipus cuneifolius (L.f.) Raf. (4)
Perennial. Dwarf shrub. Ht 0.2–0.6 m. Alt 50–1341 m.
KZN, EC
- dehiscens* (L.f.) Moldenke = **C. cuneifolium**
- garipense** E.Mey.
Plexipus garipensis (E.Mey.) R.Fern. (4)
Perennial. Herb. Ht 0.3–1 m. Alt 350–1400 m. N, NC
- hederaceum** (Sond.) Moldenke var. **hederaceum**
Bouchea hederacea Sond. (4)
Plexipus hederaceus (Sond.) R.Fern. var. *hederaceus* (4)
Perennial. Herb. Ht 0.1–0.45 m. Alt 120–1713 m. B,
LIM, NW, G, M, S, FS, KZN, NC
- hederaceum** (Sond.) Moldenke var. **natalense** (H.Pearson) Moldenke
Bouchea hederacea Sond. var. *natalensis* H.Pearson (4)
Plexipus hederaceus (Sond.) R.Fern. var. *natalensis* (H.Pearson) R.Fern. (4)
Perennial. Herb. Ht 0.1–0.4 m. Alt 120–1131 m. LIM,
NW, M, S, KZN
- incisum** (H.Pearson) Moldenke
Bouchea incisa H.Pearson (6)
Plexipus incisus (H.Pearson) R.Fern. (4)
Perennial. Herb. Ht 0.2–0.25 m. Alt 168–1676 m.
LIM, G, M, S
- incisum* (H.Pearson) Moldenke var. *canescens* Moldenke = **C. pumilum**
- integrifolium** (H.Pearson) Moldenke
Bouchea integrifolia H.Pearson (4)
Plexipus integrifolius (H.Pearson) R.Fern. (4)
Perennial. Dwarf shrub. Ht 0.25–0.3 m. Alt ± 190 m.
WC
- krookii** (Gürke ex Zahlbr.) Moldenke
Bouchea krookii Gürke ex Zahlbr. (4)
Plexipus krookii (Gürke ex Zahlbr.) R.Fern. (4)
Perennial. Herb. Ht 0.15–0.2 m. Alt ± 700 m. KZN
- latifolium** (Harv.) Moldenke var. **glabrescens** (H.Pearson) Moldenke
Bouchea latifolia Harv. var. *glabrescens* H.Pearson (4)
Plexipus latifolius (Harv.) R.Fern. var. *glabrescens* (H.Pearson) R.Fern. (4)
Perennial. Herb. Ht 0.4–0.5 m. Alt 765–1478 m. M, S
- latifolium** (Harv.) Moldenke var. **latifolium**
Bouchea latifolia Harv. (4)
Plexipus latifolius (Harv.) R.Fern. var. *latifolius* (4)
Perennial. Herb. Ht 0.2–0.6 m. Alt 640–1705 m. M,
KZN
- latifolium** (Harv.) Moldenke var. **transvaalense** Moldenke
Plexipus latifolius (Harv.) R.Fern. var. *transvaalensis* (Moldenke) R.Fern. (4)
Perennial. Herb. Ht 0.35–0.45 m. Alt 1000–1350 m.
M, S, KZN
- lignosum* Dinter ex Moldenke = **C. pumilum**
- namaquanum** (Bolus ex H.Pearson) Moldenke
Bouchea namaquana Bolus ex H.Pearson (4)
Plexipus namaquanus (Bolus ex H.Pearson) R.Fern. (4)
- Perennial. Herb. Ht 0.45–0.5 m. Alt ± 780 m. N, NC
- pinnatifidum** (L.f.) E.Mey. var. **pinnatifidum**
Buchnera pinnatifida L.f. (6)
Plexipus pinnatifidus (L.f.) R.Fern. var. *pinnatifidus* (4)
Perennial. Herb. Ht 0.1–0.5 m. Alt 290–1850 m. N, B,
LIM, NW, G, M, FS, NC, EC
- pinnatifidum** (L.f.) E.Mey. var. **racemosum** Schinz ex Moldenke
Plexipus pinnatifidus (L.f.) R.Fern. var. *racemosus* (Schinz ex Moldenke) R.Fern. (4)
Perennial. Herb. Ht 0.2–0.5 m. Alt 262–1115 m. LIM,
NW, M
- pumilum** E.Mey.
C. incisum (H.Pearson) Moldenke var. *canescens* Moldenke (4)
C. lignosum Dinter ex Moldenke (4)
Plexipus pumilus (E.Mey.) R.Fern. (4)
Perennial. Herb, semisucculent. Ht 0.2–0.55 m. Alt
650–1524 m. N, B, NW, NC, WC
- schlechteri** (Gürke) Moldenke
Bouchea schlechteri Gürke (4)
Plexipus schlechteri (Gürke) R.Fern. var. *schlechteri* (4)
Perennial. Herb. Ht 0.2–0.3 m. Alt 165–730 m. M, S,
KZN
- *DURANTA L.** 7162000
(1) Verdcourt. 1992. *FTEA* Verbenaceae: 48, 49.
(2) Retief & Herman. 1997. *Strelitzia* 6: 642.
- erecta** L.
D. plumieri Jacq. (1)
D. repens L. (1)
Perennial. Shrub. Ht 3–4 m. Alt 100–2428 m. B, LIM,
NW, M, S, KZN
- plumieri* Jacq. = **D. erecta**
repens L. = **D. erecta**
- LANTANA L.** 7144000
(1) Friedrich-Holzhammer. 1967. *FSWA* 122: 6, 7.
(2) Verdcourt. 1992. *FTEA* Verbenaceae: 37–47.
(3) Retief & Herman. 1997. *Strelitzia* 6: 642, 643.
- africana* L. = **Oftia africana**
- angolensis** Moldenke
Perennial. Shrub. Ht 0.5–1 m. Alt 22–1350 m. N, B
- *camara** L.
Perennial. Shrub. Ht 0.5–3 m. Alt 6–1350 m. N, B,
LIM, NW, G, M, S, KZN, WC, EC
- capensis* Thunb. = **Teedia lucida**
crispa Thunb. = **Oftia africana**
- dinteri** Moldenke
L. namaensis Loes. ex Range (1)
Perennial. Shrub. Ht 0.3–1 m. Alt 1095–1850 m. N
- galpiniana* H.Pearson = **Lippia javanica**
- mearnsii** Moldenke var. **latibracteolata** Moldenke
Shrub. Ht ± 1 m. Alt 304–1555 m. N, B, LIM, NW, M,
S, FS, KZN
- namaensis* Loes. ex Range = **L. dinteri**
- rugosa** Thunb.
L. salviifolia Jacq. (1)
Perennial. Shrub. Ht up to 1 m. Alt 30–2160 m. N, B,
LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- salviifolia* Jacq. = **L. rugosa**
- *trifolia** L.
Perennial. Dwarf shrub. Ht ± 0.4 m. Alt 168–1980 m.
LIM, M, S, KZN

- LIPPIA L.** 7145000
 (1) Pearson. 1912. *FC* 5,1: 192–197.
 (2) Friedrich-Holzhammer. 1967. *FSWA* 122: 7, 8.
 (3) Verdcourt. 1992. *FTEA* Verbenaceae: 27–37.
 (4) Retief & Herman. 1997. *Strelitzia* 6: 643.
asperifolia Rich. = **L. javanica**
bazeiana H.Pearson = **L. rehmannii**
javanica (Burm.f.) Spreng.
Lantana galpiniana H.Pearson (1)
L. asperifolia Rich. (1)
Verbena javanica Burm.f. (1)
 Perennial. Shrub. Ht 0.7–5 m. Alt 5–1920 m. B, LIM,
 NW, G, M, S, FS, KZN, EC
nodiflora (L.) Michx. = **Phyla nodiflora** var. **nodiflora**
ovata L. = **Microdon capitatus**
pearsonii Moldenke
L. volkii Moldenke (1)
 Perennial. Herb. Ht ± 1 m. Alt ± 1000 m. N
pretoriensis H.Pearson
 Perennial. Herb. Ht ± 0.6 m. Alt ± 1300 m. G
rehmannii H.Pearson
L. bazeiana H.Pearson (1)
 Perennial. Shrub. Ht 0.5–1 m. Alt 230–1500 m. G
repens Hort. = **Phyla nodiflora** var. **rosea**
scaberrima Sond.
 Perennial. Herb. Ht 0.3–0.6 m. Alt 765–1800 m. B,
 NW, G, M, FS, NC
volkii Moldenke = **L. pearsonii**
wilmsii H.Pearson
 Perennial. Shrub. Ht 0.6–1.3 m. Alt 135–1950 m. N,
 LIM, NW, G, M, FS, KZN, EC
- *PHYLA** Lour. 7145010
 (1) Bailey & Bailey. 1977. *Hortus third*: 865.
 (2) Verdcourt. 1992. *FTEA* Verbenaceae: 25–27.
 (3) Retief & Herman. 1997. *Strelitzia* 6: 643.
nodiflora (L.) Greene var. **nodiflora**
Lippia nodiflora (L.) Michx. (1)
 Perennial. Herb, procumbent. Ht ± 0.15 m. Alt 2–1525
 m. LIM, G, M, NC, EC
nodiflora (L.) Greene var. **rosea** (D.Don) Moldenke
Lippia repens Hort. (1)
 Perennial. Herb, procumbent. Ht ± 0.1 m. Alt 150–
 1370 m. FS, NC
- PLEXIPUS** Raf. 7148000
adenostachyus (Schauer) R.Fern. = **Chascanum adeno-
 stachyum**
caespitosus (H.Pearson) R.Fern. = **Chascanum caespi-
 tosum**
cernuus (L.) R.Fern. = **Chascanum cernuum**
cuneifolius (L.f.) Raf. = **Chascanum cuneifolium**
garipensis (E.Mey.) R.Fern. = **Chascanum garipense**
hederaceus (Sond.) R.Fern. var. *hederaceus* = **Cha-
 scanum hederaceum** var. **hederaceum**
hederaceus (Sond.) R.Fern. var. *natalensis* (H.Pearson)
 R.Fern. = **Chascanum hederaceum** var. **natalense**
incisus (H.Pearson) R.Fern. = **Chascanum incisum**
integrifolius (H.Pearson) R.Fern. = **Chascanum inte-
 grifolium**
- krookii* (Gürke ex Zahlbr.) R.Fern. = **Chascanum
 krookii**
latifolius (Harv.) R.Fern. var. *glabrescens* (H.Pearson)
 R.Fern. = **Chascanum latifolium** var. **glabres-
 cens**
latifolius (Harv.) R.Fern. var. *latifolius* = **Chascanum
 latifolium** var. **latifolium**
latifolius (Harv.) R.Fern. var. *transvaalensis* (Moldenke)
 R.Fern. = **Chascanum latifolium** var. **trans-
 vaalense**
namaquanus (Bolos ex H.Pearson) R.Fern. = **Chasca-
 num namaquanum**
pinnatifidus (L.f.) R.Fern. var. *pinnatifidus* = **Chasca-
 num pinnatifidum** var. **pinnatifidum**
pinnatifidus (L.f.) R.Fern. var. *racemosus* (Schinz ex
 Moldenke) R.Fern. = **Chascanum pinnatifidum**
 var. **racemosum**
pumilus (E.Mey.) R.Fern. = **Chascanum pumilum**
schlechteri (Gürke) R.Fern. var. *schlechteri* = **Chasca-
 num schlechteri**
- PRIVA** Adans. 7153000
 (1) Moldenke. 1937. *Feddes Repertorium* 41: 1–76.
 (2) Moldenke. 1979. *Phytologia* 44: 92–110.
 (3) Verdcourt. 1992. *FTEA* Verbenaceae: 20–25.
 (4) Retief & Herman. 1997. *Strelitzia* 6: 643.
abyssinica Jaub. & Spach = **P. cordifolia** var. **abyssinica**
adhaerens (Forssk.) Chiov. (insufficiently known)
Ruellia adhaerens Forssk. (1)
africana Moldenke
 Perennial. Herb. Ht 0.3–0.45 m. Alt 460–1100 m. B,
 LIM, M, S, KZN
auricoccea A.Meeuse
 Annual. Herb. Ht 0.5–0.8 m. Alt ± 1585 m. N
cordifolia (L.f.) Druce var. **abyssinica** (Jaub. & Spach)
 Moldenke
P. abyssinica Jaub. & Spach (1)
 Perennial. Herb. Ht 0.3–1 m. Alt 105–1713 m. B,
 LIM, G, M, S, KZN
cordifolia (L.f.) Druce var. **australis** Moldenke
 Perennial. Herb. Ht 1–1.6 m. Alt 190–1260 m. LIM,
 G, M, KZN
meyeri Jaub. & Spach var. **meyeri**
 Perennial. Herb. Ht 0.5–1 m. Alt 15–1675 m. B, NW,
 G, M, S, FS, KZN, EC
- *STACHYTARPHETA** Vahl 7151000
 (1) Herman. 1991. *Bothalia* 21: 57.
 (2) Verdcourt. 1992. *FTEA* Verbenaceae: 17–20.
mutabilis (Jacq.) Vahl
 Perennial. Shrub. Ht ± 3 m. Alt ± 770 m. M
urticifolia (Salisb.) Sims
 Perennial. Herb. Ht 0.6–1 m. Alt ± 155 m. M, KZN
- *VERBENA L.** 7138000
 (1) Roessler & Merxmüller. 1982. *Mitteilungen der Botanischen Staats-
 sammlung München* 18: 189.
 (2) Verdcourt. 1992. *FTEA* Verbenaceae: 6–10.
 (3) Retief & Herman. 1997. *Strelitzia* 6: 644.
aristigera S.Moore
V. tenera of author, not of Spreng., concept invalid (2)
V. tenuisecta Briq. (2)

Perennial. Herb. Ht 0.2–0.3 m. Alt 254–2500 m. B, LIM, NW, G, M, FS, KZN, EC

bonariensis L.

Annual. Herb. Ht 1–2 m. Alt 46–2135 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

brasiliensis Vell.

Annual, occ. short-lived perennial. Herb. Ht 0.5–1 m. Alt 580–1722 m. LIM, NW, G, M, S, L, NC, EC

javanica Burm.f. = **Lippia javanica**

litoralis Humb., Bonpl. & Kunth

Perennial. Herb. Ht 1–2 m. Alt 230–1800 m. N, KZN, L, NC, EC

officinalis L. in a broad sense

Annual. Herb. Ht ± 1 m. Alt 45–1675 m. LIM, NW, G, M, FS, KZN, NC, WC, EC

rigida Spreng.

V. venosa Gillies & Hook. (2)

Perennial. Herb. Ht 0.3–1 m. Alt 140–1875 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

tenera of author, not of Spreng., concept invalid = **V. aristigera**

tenuisecta Briq. = **V. aristigera**

venosa Gillies & Hook. = **V. rigida**

VIOLACEAE

Compiled by C.L. Bredenkamp

HYBANTHUS Jacq.

5271000

- (1) Robson. 1958. *Boletim da Sociedade Broteriana* 32: 164–170.
- (2) Robson. 1960. *FZ* 1: 254–258.
- (3) Obermeyer. 1976. *FSA* 22: 46–50.
- (4) Grey-Wilson. 1981. *Kew Bulletin* 36: 103–110.
- (5) Grey-Wilson. 1984. *Kew Bulletin* 39: 771–773.
- (6) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 66, 67.

caffer (Sond.) Engl. = **H. enneaspermus** var. **caffer**

capensis (Thunb.) Engl.

H. natalensis (Harv.) Burt Davy (3)

Perennial. Herb. Ht 0.01–0.25 m. Alt 5–1500 m. N, LIM, G, M, S, KZN, WC, EC

densifolius Engl.

Annual. Herb. Ht 0.06–0.2 m. Alt 700–945 m. N, B, NW, G, NC

***enneaspermus** (L.) F.Muell. var. **caffer** (Sond.) N.Robson

H. caffer (Sond.) Engl. (2)

Perennial. Herb. Ht up to 0.6 m. Alt ± 100 m. KZN

***enneaspermus** (L.) F.Muell. var. **enneaspermus**

H. hirtus (Klotzsch) Engl. var. *glabrescens* Engl. (2)

Perennial. Herb. Ht 0.2–0.5 m. Alt 10–1100 m. N, LIM, NW, G, M, KZN, EC

***enneaspermus** (L.) F.Muell. var. **serratus** Engl.

Perennial. Herb. Ht up to 0.45 m. Alt 150–1350 m. N, B, LIM

hirtus (Klotzsch) Engl. var. *glabrescens* Engl. = **H. enneaspermus** var. **enneaspermus**

natalensis (Harv.) Burt Davy = **H. capensis**

***parviflorus** (L.f.) Baill.

Perennial. Herb. Length up to 0.3 m. Alt? KZN

RINOREA Aubl.

5262000

- (1) Engler. 1904. *Botanische Jahrbücher* 33: 135.
- (2) Robson. 1960. *FZ* 1: 246–254.
- (3) Obermeyer. 1976. *FSA* 22: 42–46.
- (4) Grey-Wilson. 1981. *Kew Bulletin* 36: 110–123.

(5) Grey-Wilson. 1984. *Kew Bulletin* 39: 773.

(6) Van Wyk. 1983. *South African Journal of Botany* 2: 168–172.

(7) Lebrun & Stork. 1991. *Énumération des plantes à fleurs d'Afrique tropicale* 1: 67–69.

(8) Achoundong & Bos. 1999. *Adansonia* 21: 125–131.

angustifolia (Thouars) Baill. subsp. **natalensis** (Engl.) Grey-Wilson

R. natalensis Engl. (4)

Perennial. Tree, shrub. Ht 1.5–7.62 m. Alt 30–1830 m. LIM, M, S, KZN, EC

domatiosa A.E.van Wyk

Perennial. Tree, shrub. Ht 1.5–8 m. Alt? KZN, EC

ilicifolia (Welw. ex Oliv.) Kuntze subsp. **ilicifolia** var. **ilicifolia**

Perennial. Tree, shrub. Ht up to 5 m. Alt ± 400 m. KZN

natalensis Engl. = **R. angustifolia** subsp. **natalensis**

VIOLA L.

5274000

- (1) Jessop. 1967. *The Flowering Plants of Africa* 38: t. 1500.
- (2) Valentine *et al.* 1968. *Flora europaea* 2: 270–282.
- (3) Obermeyer. 1976. *FSA* 22: 50–52.
- (4) Walters. 1997. *European garden flora* 5: 250–257.

abyssinica Steud. ex Oliv.

Perennial. Herb. Ht 0.2–0.3 m. Alt ?–2166 m. LIM

***arvensis** Murray

Annual. Herb. Ht up to 0.3 m. Alt? WC, EC

decumbens L.f. var. **decumbens**

Perennial. Dwarf shrub. Ht 0.1–0.25 m. Alt 15–1214 m. WC, EC

decumbens L.f. var. **scrotiformis** (DC.) Jessop

V. scrotiformis DC. (3)

Perennial. Dwarf shrub. Ht 0.05–0.15 m. Alt 121–1525 m. WC

scrotiformis DC. = **V. decumbens** var. **scrotiformis**

***tricolor** L.

Annual, rarely perennial. Herb. Ht 0.15–0.25 m. Alt up to 1463 m. LIM, KZN

VISCACEAE

Compiled by G. Germishuizen

ASPIDIXIA Tiegh. 2093010*anceps* E.Mey. ex Tiegh., naked name = **Viscum anceps***bivalvis* Tiegh. = **Viscum obscurum***capense* (L.f.) Tiegh. = **Viscum capense***minima* (Harv.) Tiegh. = **Viscum minimum***robusta* (Eckl. & Zeyh.) Tiegh. = **Viscum capense****VISCUM** L. 2093000(1) Dyer. 1937. *The Flowering Plants of South Africa* 17: t. 645B.(2) Wiens & Toelken. 1979. *FSA* 10: 43–56.(3) Gilbert *et al.* 1985. *Nordic Journal of Botany* 5: 221–224.(4) Lebrun & Stork. 1992. *Énumération des plantes à fleurs d'Afrique tropicale* 2: 184, 185.(5) Polhill & Wiens. 1998. *Mistletoes of Africa*: 279–307.**anceps** E.Mey. ex Sprague*Aspidixia anceps* E.Mey. ex Tiegh., naked name (2)

Perennial. Shrub, parasite. Ht 0.5–1 m. Alt 5–915 m. KZN, EC

bivalve (Tiegh.) Engl. = **V. obscurum***bosciae-foetidae* Dinter = **V. rotundifolium***brevifolium* (Harv.) Engl. = **V. obscurum****capense** L.f.*Aspidixia capense* (L.f.) Tiegh. (2)*Aspidixia robusta* (Eckl. & Zeyh.) Tiegh. (2)*V. rigidum* Engl. & K.Krause (2)*V. robustum* Eckl. & Zeyh. (2)

Perennial. Shrub, parasite. Ht 0.3–0.5 m. Alt 4–1465 m. N, LIM, M, NC, WC

capense L.f. subsp. *hoolei* Wiens = **V. hoolei****combreticola** Engl.

Perennial. Shrub, parasite. Ht 0.5–2 m. Alt 425–1555 m. LIM, NW, G, M, FS

continuum E.Mey. ex Sprague

Perennial. Shrub, parasite. Ht 1–1.5 m. Alt 90–1020 m. WC, EC

crassulae Eckl. & Zeyh.*V. euphorbiae* E.Mey. ex Drège (2)

Perennial. Dwarf shrub, parasite. Ht 0.2–0.3 m. Alt 155–550 m. WC, EC

dielsianum Dinter ex Neusser

Perennial. Shrub, parasite. Ht ± 0.5 m. Alt? N, NC

eucleae Eckl. & Zeyh. = **V. pauciflorum***euphorbiae* E.Mey. ex Drège = **V. crassulae***galpinianum* Schinz = **V. subserratum***glaucum* Eckl. & Zeyh. = **V. rotundifolium****hoolei** Wiens*V. capense* L.f. subsp. *hoolei* Wiens (5)

Perennial. Shrub, parasite. Ht 0.3–0.5 m. Alt 140–1520 m. FS, L, WC, EC

macowanii Engl. = **V. rotundifolium****menyharthii** Engl. & Schinz

Perennial. Shrub, parasite. Ht 0.5–1 m. Alt 155–945 m. N, LIM

minimum Harv.*Aspidixia minima* (Harv.) Tiegh. (2)

Perennial. Herb, parasite. Ht ± 0.03 m. Alt ?–650 m. EC

nervosum Hochst. ex A.Rich. = **V. triflorum****obovatum** Harv.*V. pulchellum* Sprague (2)

Perennial. Shrub, parasite. Ht ± 0.5 m. Alt 3–610 m. S, KZN, EC

obscurum Thunb.*Aspidixia bivalvis* Tiegh. (2)*V. bivalve* (Tiegh.) Engl. (2)*V. brevifolium* (Harv.) Engl. (2)*V. obscurum* Thunb. var. *brevifolium* Harv. (2)*V. obscurum* Thunb. var. *longiflorum* Harv. (2)

Perennial. Shrub, parasite. Ht ± 1 m. Alt 10–1585 m. LIM, M, S, KZN, EC, WC

obscurum Thunb. var. *brevifolium* Harv. = **V. obscurum***obscurum* Thunb. var. *longiflorum* Harv. = **V. obscurum****oreophilum** Wiens

Perennial. Shrub, parasite. Ht 0.5–1 m. Alt ?–1555 m. LIM, M, S

pauciflorum L.f.*V. eucleae* Eckl. & Zeyh. (2)*V. pauciflorum* L.f. var. *eucleae* (Eckl. & Zeyh.) Harv. (2)

Perennial. Shrub, parasite. Ht 0.3–0.75 m. Alt 30–970 m. NC, WC

pauciflorum L.f. var. *eucleae* (Eckl. & Zeyh.) Harv. = **V. pauciflorum***pulchellum* Sprague = **V. obovatum***rigidum* Engl. & K.Krause = **V. capense***robustum* Eckl. & Zeyh. = **V. capense****rotundifolium** L.f.*V. bosciae-foetidae* Dinter (2)*V. glaucum* Eckl. & Zeyh. (2)*V. macowanii* Engl. (2)*V. thymifolium* C.Presl (2)*V. tricostatum* E.Mey. ex Harv. (2)*V. ziziphi-mucronati* Dinter (2)

Perennial. Shrub, parasite. Ht 0.2–0.5 m. Alt 10–1950 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

schaeferi Engl. & K.Krause

Perennial. Shrub, parasite. Ht ± 0.2 m. Alt ?–915 m. N, NW, NC

spragueanum Burt Davy = **V. tuberculatum****subserratum** Schltr.*V. galpinianum* Schinz (2)

Perennial. Shrub, parasite. Ht 0.5–1 m. Alt 250–1790 m. LIM, G, M, S, KZN

thymifolium C.Presl = **V. rotundifolium***tricostatum* E.Mey. ex Harv. = **V. rotundifolium****triflorum** DC.*V. nervosum* Hochst. ex A.Rich. (4)*V. triflorum* DC. subsp. *nervosum* (Hochst. ex A.Rich.) M.G.Gilbert (4)

Perennial. Shrub, parasite. Ht 0.3–0.5 m. Alt? LIM, M, S, KZN, EC

triflorum DC. subsp. *nervosum* (Hochst. ex A.Rich.)
M.G.Gilbert = **V. triflorum**

tuberculatum A.Rich.

V. spragueanum Burt Davy (5)

Perennial. Shrub, parasite. Ht 0.5–1 m. Alt 400–1555

m. N, LIM, NW, G, M

verrucosum Harv.

Perennial. Shrub, parasite. Ht 0.5–1 m. Alt 60–1525
m. N, B, LIM, NW, G, M, S, KZN

ziziphi-mucronati Dinter = **V. rotundifolium**

VITACEAE

Compiled by E. Retief

AMPELOCISSUS Planch.

4910000

- (1) Wild & Drummond. 1963. *FZ* 2: 439–443.
- (2) Merxmüller & Schreiber. 1969. *FSWA* 80: 1, 2.
- (3) Verdcourt. 1993. *FTEA* Vitaceae: 2–8.
- (4) Retief & Herman. 1997. *Strelitzia* 6: 648.

africana (Lour.) Merr.

Perennial. Climber. Ht indefinite. Alt ± 1000 m. N, B

kirkiana Planch. = **A. obtusata** subsp. **kirkiana**

obtusata (Welw. ex Baker) Planch. subsp. **kirkiana**
(Planch.) Wild & R.B.Drumm.

A. kirkiana Planch. (1)

Perennial. Climber. Ht indefinite. Alt 350–600 m. N,
B, LIM

CAYRATIA Juss.

4918020

- (1) Wild & Drummond. 1963. *FZ* 2: 491, 492.
- (2) Verdcourt. 1993. *FTEA* Vitaceae: 136–139.
- (3) Retief & Herman. 1997. *Strelitzia* 6: 648.

gracilis (Guill. & Perr.) Sues.

Cissus gracilis Guill. & Perr. (1)

Perennial. Climber. Ht indefinite. Alt 800–1050 m.
LIM, M

CISSUS L.

4918000

- (1) Wild & Drummond. 1963. *FZ* 2: 448–459.
- (2) Merxmüller & Schreiber. 1969. *FSWA* 80: 2, 3.
- (3) Verdcourt. 1993. *FTEA* Vitaceae: 2–8.
- (4) Retief & Herman. 1997. *Strelitzia* 6: 648.

anatomicus C.A.Sm. = **Cyphostemma anatomicum**

bainesii Hook.f. = **Cyphostemma bainesii**

capensis Willd. = **Rhoicissus tomentosa**

cirrhusa (Thunb.) Willd. = **Cyphostemma cirrhusum**
subsp. **cirrhusum**

cirrhusa (Thunb.) Willd. var. *glabra* Harv. = **Cypho-**
stemma quinatum

cirrhusa (Thunb.) Willd. var. *transvaalensis* (Szyszyl.)
Burt Davy & R.Pott = **Cyphostemma cirrhusum**
subsp. **transvaalense**

connivens Lam. = **Cyphostemma natalitium**

cornifolia (Baker) Planch.

C. lonicerifolia C.A.Sm. (1)

Perennial. Shrub, climber. Ht up to 3 m. Alt 300–1250
m. B, LIM, M

cramerianus Schinz = **Cyphostemma currorii**

crassifolia Gilg

C. succulenta (Galpin) Burt Davy (3)

C. tetragona Harv. (3)

Vitis succulenta Galpin (3)

Perennial. Climber, succulent. Ht indefinite. Alt 160–
1000 m. LIM, M, S, KZN

cuneifolia Eckl. & Zeyh. = **Rhoicissus tridentata** subsp.
cuneifolia

currorii Hook.f. = **Cyphostemma currorii**

cussonioides Schinz

Perennial. Herb. Ht 0.5–0.75 m. Alt 1400–1700 m.
KZN

dasypleurus C.A.Sm. = **Cyphostemma dasypleurum**

dinteri Schinz = **C. nymphaefolia**

diversilobata C.A.Sm.

Perennial. Herb. Ht ± 1 m. Alt 800–1100 m. M, S,
KZN

fleckii Schinz = **Cyphostemma congestum**

fragilis E.Mey. ex Kunth

Perennial. Climber. Ht indefinite. Alt 200–1400 m. M,
KZN, EC

gracilis Guill. & Perr. = **Cayratia gracilis**

hereroensis Schinz = **Cyphostemma hereroense**

hispidiflorus C.A.Sm. = **Cyphostemma hispidiflorum**

humilis (N.E.Br.) Planch. = **Cyphostemma humile**
subsp. **humile**

hypoleuca Harv. = **Cyphostemma hypoleucum**

integrifolia (Baker) Planch.

Perennial. Climber. Ht indefinite. Alt ± 900 m. N

juttae Dinter & Gilg = **Cyphostemma juttae**

lanigera Harv. = **Cyphostemma lanigerum**

lonicerifolia C.A.Sm. = **C. cornifolia**

natalitia (Szyszyl.) Codd = **Cyphostemma natalitium**

nymphaefolia (Welw. ex Baker) Planch.

C. dinteri Schinz (3)

Perennial. Shrub. Ht up to 3 m. Alt 1200–1500 m. N

oleraceus Bolus = **Cyphostemma oleraceum**

omburensis Gilg & M.Brandt = **Cyphostemma ombu-**
rense

orientalis in sense of Harv., not of Lam., misapplied
name = **Cyphostemma natalitium**

puberula C.A.Sm. = **Cyphostemma puberulum**

quadrangularis L. var. **quadrangularis**

Vitis quadrangularis (L.) Wall. ex Wight & Arn. (1)

Perennial. Climber, succulent. Ht indefinite. Alt
300–1000 m. LIM, M

quinata Dryand. = **Cyphostemma quinatum**

rhomboidea E.Mey. ex Harv. = **Rhoicissus rhomboidea**

rotundifolia (Forssk.) Vahl

Perennial. Climber. Ht indefinite. Alt 50–350 m. M, S,
KZN

ruacanensis Exell & Mendonça = **Cyphostemma ruacanense**

sandersonii Harv. = **Cyphostemma sandersonii**
sandersonii Harv. var. *transvaalensis* (Szyszyl.) C.A.Sm.
= **Cyphostemma cirrhosum** subsp. *transvaalense*

schlechteri Gilg & M.Brandt = **Cyphostemma schlechteri**
segmentatum C.A.Sm. = **Cyphostemma segmentatum**

seitziana Gilg & M.Brandt = **Cyphostemma bainesii**
simulans C.A.Sm. = **Cyphostemma simulans**
spinosopilosum Gilg & M.Brandt = **Cyphostemma spinosopilosum**

subciliata (Baker) Planch. = **Cyphostemma subciliatum**
succulenta (Galpin) Burt Davy = **C. crassifolia**

sulcatus C.A.Sm. = **Cyphostemma sulcatum**
tetragona Harv. = **C. crassifolia**

thunbergii Eckl. & Zeyh., illegitimate name = **Rhoicissus digitata**

unguiformifolius C.A.Sm. = **Cyphostemma schlechteri**
unifoliata Harv. = **Rhoicissus microphylla**

uter Exell & Mendonça = **Cyphostemma uter**
woodii Gilg & M.Brandt = **Cyphostemma woodii**

CYPHOSTEMMA (Planch.) Alston 4918010

- (1) Verdoorn. 1945. *The Flowering Plants of Africa* 25: t. 972.
- (2) Descoings. 1960. *Notulae systematicae* 16: 113–125.
- (3) Wild & Drummond. 1963. *FZ* 2: 459–491.
- (4) Merxmüller & Schreiber. 1969. *FSWA* 80: 3–8.
- (5) Van der Merwe. 1971. *Bothalia* 10: 436.
- (6) Retief. 1981. *Bothalia* 13: 460, 461.
- (7) Retief & Glen. 1987. *The Flowering Plants of Africa* 49: tt. 1954–1956.
- (8) Retief. 1993. *The Flowering Plants of Africa* 52: t. 2074.
- (9) Verdcourt. 1993. *FTEA* Vitaceae: 48–136.
- (10) Retief & Van Wyk. 1996. *South African Journal of Botany* 62: 183–187.
- (11) Retief & Herman. 1997. *Strelitzia* 6: 648–650.
- (12) Retief. 2000. *Strelitzia* 9: 688.

anatomicum (C.A.Sm.) Wild & R.B.Drumm.
Cissus anatomicus C.A.Sm. (3)
Perennial. Climber. Ht indefinite. Alt 1075–1700 m.
LIM, M, KZN

bainesii (Hook.f.) Desc.
Cissus bainesii Hook.f. (4)
Cissus seitziana Gilg & M.Brandt (4)
C. seitzianum (Gilg & M.Brandt) Desc. (4)
Perennial. Tree, shrub, succulent. Ht 0.5–1 m. Alt
1200–1400 m. N

barbosae Wild & R.B.Drumm.
Perennial. Herb. Ht ± 1 m. Alt ± 600 m. M, S, KZN

bororensis (Klotzsch) Desc. ex Wild & R.B.Drumm.
Perennial. Climber, succulent. Ht indefinite. Alt 300–
1000 m. N

buchananii (Planch.) Desc. ex Wild & R.B.Drumm.
Perennial. Climber. Ht indefinite. Alt 700–850 m.
LIM, M

cirrhosum (Thunb.) Desc. ex Wild & R.B.Drumm.
subsp. **cirrhosum**
Cissus cirrhosa (Thunb.) Willd. (3)
Perennial. Climber. Ht indefinite. Alt 200–1150 m.
KZN, EC

cirrhosum (Thunb.) Desc. ex Wild & R.B.Drumm.
subsp. **transvaalense** (Szyszyl.) C.A.Sm.

Cissus cirrhosa (Thunb.) Willd. var. *transvaalensis* (Szyszyl.) Burt
Davy & R.Pott (3)
Cissus sandersonii Harv. var. *transvaalensis* (Szyszyl.) C.A.Sm. (3)
Vitis cirrhosa Thunb. var. *transvaalensis* Szyszyl. (3)
Perennial. Climber. Ht indefinite. Alt 1000–1400 m.
B, NW, G

congestum (Baker) Desc. ex Wild & R.B.Drumm.
Cissus fleckii Schinz (3)
C. fleckii (Schinz) Desc. (4)
Vitis congesta Baker (3)
Perennial. Scrambler. Length indefinite Alt 900–1600
m. N, B

cramerianus (Schinz) Desc. = **C. currorii**
currorii (Hook.f.) Desc.
Cissus cramerianus Schinz (4)
Cissus currorii Hook.f. (4)
C. cramerianus (Schinz) Desc. (4)
Perennial. Tree, succulent. Ht up to 7 m. Alt 1154–
1800 m. N

dasypleurum (C.A.Sm.) J.J.M.van der Merwe
Cissus dasypleurus C.A.Sm. (5)
Perennial. Scrambler. Ht indefinite. Alt 800–1300 m.
LIM

dolichopus C.A.Sm. = **C. humile** subsp. **dolichopus**
flaviflorum (Sprague) Desc.
Perennial. Climber, succulent. Ht indefinite. Alt 0–50
m. KZN

fleckii (Schinz) Desc. = **C. congestum**
hardyi Retief
Perennial. Shrub, succulent. Ht ± 0.5 m. Alt ± 1480 m.
LIM

hereroense (Schinz) Desc. ex Wild & R.B.Drumm.
Cissus hereroensis Schinz (3)
Perennial. Scrambler. Length indefinite. Alt 800–1400
m. N, B, LIM, NW, FS, NC

hispidiflorum (C.A.Sm.) J.J.M.van der Merwe
Cissus hispidiflorus C.A.Sm. (5)
Perennial. Herb. Ht ± 0.3 m. Alt 960–1408 m. LIM, G

humile (N.E.Br.) Desc. ex Wild & R.B.Drumm. subsp.
dolichopus (C.A.Sm.) Wild & R.B.Drumm.
C. dolichopus C.A.Sm. (3)
Perennial. Succulent, scrambler. Ht indefinite. Alt
1000–1800 m. LIM, NW, G, M, S

humile (N.E.Br.) Desc. ex Wild & R.B.Drumm. subsp.
humile
Cissus humilis (N.E.Br.) Planch. (3)
Vitis humilis N.E.Br. (3)
Perennial. Succulent, scrambler. Ht indefinite. Alt
1100–1500 m. KZN, EC

hypoleucum (Harv.) Desc. ex Wild & R.B.Drumm.
Cissus hypoleuca Harv. (3)
Perennial. Climber. Ht indefinite. Alt 5–1300 m. KZN,
EC

juttae (Dinter & Gilg) Desc.
Cissus juttae Dinter & Gilg (4)
Perennial. Tree, succulent. Ht 1–2 m. Alt 1000–1200
m. N

lanigerum (Harv.) Desc. ex Wild & R.B.Drumm.
Cissus lanigera Harv. (3)
Perennial. Climber. Ht indefinite. Alt 1300–1500 m.
LIM, NW, G, M

natalitium (Szyszyl.) J.J.M.van der Merwe
Cissus connivens Lam. (5)

- Cissus natalitia* (Szyszyl.) Codd (5)
Cissus orientalis in sense of Harv., not of Lam., misapplied name (4)
 Perennial. Climber. Ht indefinite. Alt 10–1500 m.
 KZN, EC
- oleraceum** (Bolus) J.J.M.van der Merwe
Cissus oleraceus Bolus (5)
 Perennial. Scrambler. Length up to 1.5 m. Alt 1000–2000 m. LIM, M
- omburensis** (Gilg & M.Brandt) Desc.
Cissus omburensis Gilg & M.Brandt (2)
 Perennial. Climber. Ht indefinite. Alt 1090–1500 m. N
- paucidentatum** (Klatt) Desc. ex Wild & R.B.Drumm.
 Perennial. Climber. Ht indefinite. Alt ± 1900 m. LIM
- puberulum** (C.A.Sm.) Wild & R.B.Drumm.
Cissus puberula C.A.Sm. (3)
 Perennial. Climber. Ht indefinite. Alt 300–1380 m. B, LIM, NW, G, M
- quinatum** (Dryand.) Desc. ex Wild & R.B.Drumm.
Cissus cirrhosa (Thunb.) Willd. var. *glabra* Harv. (3)
Cissus quinata Dryand. (3)
 Perennial. Climber, succulent. Ht indefinite. Alt 320–1000 m. KZN, EC
- ruacanense** (Exell & Mendonça) Desc.
Cissus ruacanensis Exell & Mendonça (2)
 Perennial. Climber. Ht indefinite. Alt 800–1000 m. N
- rubroglandulosum** Retief & A.E.van Wyk
 Perennial. Herb. Ht indefinite. Alt 100–400 m. KZN, EC
- sandersonii** (Harv.) Desc.
Cissus sandersonii Harv. (4)
 Perennial. Climber. Ht indefinite. Alt 1200–1400 m.
 NW, G
- schlechteri** (Gilg & M.Brandt) Desc. ex Wild & R.B.Drumm.
Cissus schlechteri Gilg & M.Brandt (3)
Cissus unguiformifolius C.A.Sm. (3)
 Perennial. Scrambler. Length indefinite. Alt 200–1300 m. B, LIM, NW, M
- segmentatum** (C.A.Sm.) J.J.M.van der Merwe
Cissus segmentatum C.A.Sm. (5)
 Perennial. Scrambler, succulent. Length ± 1.3 m. Alt 800–1500 m. LIM, M
- seitzianum** (Gilg & M.Brandt) Desc. = **C. bainesii**
- simulans** (C.A.Sm.) Wild & R.B.Drumm.
Cissus simulans C.A.Sm. (3)
 Perennial. Climber, succulent. Ht indefinite. Alt 800–1000 m. LIM, M, S
- spinosopilosum** (Gilg & M.Brandt) Desc.
Cissus spinosopilosum Gilg & M.Brandt (2)
 Perennial. Scrambler, succulent. Length indefinite. Alt 1300–1900 m. M
- subciliatum** (Baker) Desc. ex Wild & R.B.Drumm.
Cissus subciliata (Baker) Planch. (3)
 Perennial. Climber. Ht indefinite. Alt 60–1200 m.
 LIM, M, S, KZN
- sulcatum** (C.A.Sm.) J.J.M.van der Merwe
Cissus sulcatus C.A.Sm. (5)
 Perennial. Scrambler. Length indefinite. Alt 680–1500 m. LIM, NW, G
- uter** (Exell & Mendonça) Desc.
Cissus uter Exell & Mendonça (4)
 Perennial. Shrub, succulent. Ht indefinite. Alt ± 1000 m. N
- woodii** (Gilg & M.Brandt) Desc.
Cissus woodii Gilg & M.Brandt (2)
 Perennial. Herb. Ht ± 1 m. Alt 650–1500 m. LIM, M, S, KZN
- RHOICISSUS** Planch. 4917000
 (1) Gilg & Brandt. 1912. *Botanische Jahrbücher* 46: 436–442.
 (2) Wild & Drummond. 1963. *FZ* 2: 444–448.
 (3) Retief. 1980. *Bothalia* 13: 146, 147.
 (4) Urton *et al.* 1986. *South African Journal of Botany* 52: 389–396.
 (5) Retief. 1993. *Bothalia* 23: 231–233.
 (6) Retief & Van Jaarsveld. 1997. *Bothalia* 27: 49–51.
 (7) Retief & Herman. 1997. *Strelitzia* 6: 650.
 (8) Retief. 2000. In Goldblatt & Manning in *Strelitzia* 9: 688.
 (9) Retief *et al.* 2001. *South African Journal of Botany* 67: 230–234.
- capensis* (Willd.) Planch. = **R. tomentosa**
- cirrhiflora* in sense of Gilg & M.Brandt in part, excluding synonym *Rhus cirrhiflora* L., misapplied name = **R. tridentata** subsp. **tridentata**
- cirrhiflora* (L.f.) Gilg & M.Brandt in part = **R. digitata**
- cuneifolia* (Eckl. & Zeyh.) Planch. = **R. tridentata** subsp. **cuneifolia**
- cymbifolius* C.A.Sm. = **R. revoilii**
- digitata** (L.f.) Gilg & M.Brandt
Cissus thunbergii Eckl. & Zeyh., illegitimate name (2)
R. cirrhiflora (L.f.) Gilg & M.Brandt in part. (2)
 Perennial. Climber. Ht indefinite. Alt 0–600 m. KZN, WC, EC
- erythrodes* (Fresen.) Planch. = **R. tridentata** subsp. **cuneifolia**
- kougabergensis** Retief & Van Jaarsv.
 Perennial. Shrub. Ht ± 1 m. Alt ± 600 m. EC
- laetans** Retief
 Perennial. Shrub. Ht 1–2.5 m. Alt 1000–1200 m. M
- microphylla** (Turcz.) Gilg & M.Brandt
Cissus unifoliata Harv. (1)
Vitis unifoliata (Harv.) Kuntze (1)
 Perennial. Shrub. Ht 1.5–2 m. Alt 1300–2000 m. EC
- revoilii** Planch.
R. cymbifolius C.A.Sm. (2)
R. schlechteri Gilg & M.Brandt (2)
 Perennial. Climber or shrub. Ht indefinite or up to 3.5 m. Alt 350–1800 m. LIM, G, M, S, KZN
- rhomboidea** (E.Mey. ex Harv.) Planch.
Cissus rhomboidea E.Mey. ex Harv. (2)
 Perennial. Climber. Ht indefinite. Alt 3–1600 m. LIM, M, S, KZN, EC
- schlechteri* Gilg & M.Brandt = **R. revoilii**
- sekhukhuniensis** Retief, Siebert & A.E.van Wyk
 Perennial. Shrub, scandent. Ht up to 3 m. Alt ± 1000–1200 m. LIM, M
- sessilifolia** Retief
 Perennial. Climber. Ht indefinite. Alt 1–20 m. KZN
- tomentosa** (Lam.) Wild & R.B.Drumm.
Cissus capensis Willd. (2)
R. capensis (Willd.) Planch. (2)
Vitis capensis (Willd.) Thunb., not of Burm.f. (2)
 Perennial. Climber. Ht indefinite. Alt 30–1230 m.
 LIM, M, S, KZN, WC, EC
- tridentata** (L.f.) Wild & R.B.Drumm. subsp. **cuneifolia** (Eckl. & Zeyh.) Urton
Cissus cuneifolia Eckl. & Zeyh. (4)
R. cuneifolia (Eckl. & Zeyh.) Planch. (4)

- R. erythrodes* (Fresen.) Planch. (4)
Perennial. Climber. Ht indefinite. Alt 60–1800 m. B, LIM, NW, G, M, S, FS, KZN, L, EC
- tridentata** (L.f.) Wild & R.B.Drumm. subsp. **tridentata**
R. cirrhiflora in sense of Gilg & M.Brandt in part, excluding synonym *Rhus cirrhiflora* L., misapplied name (3)
Perennial. Shrub, scandent. Ht ± 0.5–1 m or more. Alt 190–900 m. WC, EC
- VITIS** L. 4909000
capensis (Willd.) Thunb., not of Burm.f. = **Rhoicissus tomentosa**

- cirrhusa* Thunb. var. *transvaalensis* Szyszyl. = **Cyphostemma cirrhosum** subsp. **transvaalense**
- congesta* Baker = **Cyphostemma congestum**
- humilis* N.E.Br. = **Cyphostemma humile** subsp. **humile**
- quadrangularis* (L.) Wall. ex Wight & Arn. = **Cissus quadrangularis** var. **quadrangularis**
- succulenta* Galpin = **Cissus crassifolia**
- unifoliata* (Harv.) Kuntze = **Rhoicissus microphylla**

ZYGOPHYLLACEAE

Compiled by E. Retief

- AUGEA** Thunb. 3967000
(1) Schreiber. 1966. *FSWA* 65: 2.
(2) Van Zyl. 2000. In Goldblatt & Manning, *Strelitzia* 9: 688.
- capensis** Thunb.
Perennial. Dwarf shrub, succulent. Ht 0.2–0.55 m. Alt 60–1065 m. N, NC, WC
- FAGONIA** L. 3963000
(1) Schreiber. 1966. *FSWA* 65: 2, 3.
(2) Schreiber. 1974. *Mitteilungen der Botanischen Staatssammlung München* 11: 571–578.
(3) Hadidi. 1985. *FTEA Zygophyllaceae*: 10–14.
- capensis** Hadidi
Perennial. Dwarf shrub. Ht 0.02–0.25 m. Alt 580–610 m. N, NC
- cretica* A.Schreib., not of L. = **F. isotricha** var. **spinescens**
- isotricha** Murb. var. **isotricha**
Perennial. Shrub, dwarf shrub, herb. Ht 0.2–0.5 m. Alt 305–1065 m. N, B, NC
- isotricha** Murb. var. **spinescens** (O.Schwartz) Hadidi
F. cretica A.Schreib., not of L. (1)
F. rangei Loes. ex Dinter (1)
Perennial. Shrub, dwarf shrub, herb. Ht 0.15–0.6 m. Alt 300–1000 m. N
- minutistipula* Engl. = **F. sinaica** var. **minutistipula**
rangei Loes. ex Dinter = **F. isotricha** var. **spinescens**
- sinaica** Boiss. var. **minutistipula** (Engl.) Hadidi
F. minutistipula Engl. (1)
Perennial. Dwarf shrub, herb. Ht 0.1–0.2 m. Alt 300–1200 m. N, B
- NEOLUEDERITZIA** Schinz 3975000
(1) Schreiber. 1966. *FSWA* 65: 3, 4.
- sericeocarpa** Schinz
Perennial. Shrub. Ht 1–2 m. Alt ± 1000 m. N
- SEETZENIA** R.Br. ex Decne. 3964000
(1) Bullock. 1965. *Kew Bulletin* 19: 203, 204.
(2) Van Zyl. 2000. In Goldblatt & Manning, *Strelitzia* 9: 688.
- africana* R.Br. = **S. lanata**
- lanata** (Willd.) Bullock
S. africana R.Br. (1)
Perennial. Herb, procumbent. Length up to 0.3 m. Alt 260–1000 m. NC
- SISYNDITE** E.Mey. ex Sond. 3976000
(1) Killick. 1969. *The Flowering Plants of Africa* 39: t. 1537.
(2) Schreiber. 1966. *FSWA* 65: 4.
- spartea** E.Mey. ex Sond.
Perennial. Shrub. Ht 0.75–4 m. Alt 250–2250 m. N, NC
- TRIBULUS** L. 3978000
(1) Schweickerdt. 1937. *Bothalia* 3: 159–178.
(2) Schreiber. 1966. *FSWA* 65: 5–7.
(3) Hadidi. 1985. *FTEA Zygophyllaceae*: 2–8.
- cristatus** C.Presl
Annual. Dwarf shrub, herb. Ht 0.1–0.5 m. Alt 305–1500 m. N, NC
- hispidus* C.Presl = **T. terrestris**
- excrucians** Wawra
Biennial. Shrub, dwarf shrub. Ht 0.1–1.5 m. Alt 400–1000 m. N, B
- pterophorus** C.Presl
Annual. Herb. Ht ± 0.12 m. Alt 610–810 m. N, NC
- terrestris** L.
T. hispidus C.Presl (3)
T. terrestris L. var. *hispidissimus* Sond. (3)
Annual. Herb. Ht 0.02–0.2 m. Alt 25–2130 m. N, B, LIM, NW, G, S, FS, KZN, NC, WC, EC
- terrestris* L. var. *hispidissimus* Sond. = **T. terrestris**
- zeyheri** Sond. subsp. **zeyheri**
Perennial. Dwarf shrub, herb. Ht 0.15–0.9 m. Alt 380–1800 m. N, B, LIM, FS, NC
- ZYGOPHYLLUM** L. 3965000
(1) Van Huyssteen. 1937. *Morphologisch-systematische Studien über die Gattung Zygophyllum mit besonderer Berücksichtigung der afrikanischen Arten*. Unpublished Ph.D. thesis, University of Berlin, Berlin.
(2) Schreiber. 1966. *FSWA* 65: 7–19.
(3) Hadidi. 1985. *FTEA Zygophyllaceae*: 8–10.
(4) Retief. 1987. *Bothalia* 17: 189, 190.
(5) Retief. 1991. *Bothalia* 21: 55–57.
(6) Van Zyl & Marais. 1997. *Bothalia* 27: 129–133.
(7) Van Zyl & Marais. 1999. *Bothalia* 29: 231–238.
(8) Van Zyl. 2000. *A systematic revision of Zygophyllum (Zygophyllaceae) in the southern African region*. Unpublished Ph.D. thesis, University of Stellenbosch, Stellenbosch.
(9) Van Zyl. 2000. In Goldblatt & Manning, *Strelitzia* 9: 688–690.

applanatum Van Zyl

Perennial. Dwarf shrub, succulent. Ht up to 0.2 m. Alt 170–1400 m. N

botulifolium Van Zyl

Perennial. Shrub, succulent. Ht up to 0.6 m. Alt ± 600–700 m. WC

campanulatum Dinter ex Range = **Z. longicapsulare****chrysopteron** Retief

Perennial. Shrub, dwarf shrub, succulent. Ht 0.22–1 m. Alt 795–1220 m. N, NC, WC, EC

cinereum Schinz = **Z. longicapsulare****clavatum** Schltr. & Diels

Perennial. Shrub, dwarf shrub, succulent. Ht 0.15–0.5 m. Alt 30–1400 m. N, NC

cordifolium L.f.

Z. paradoxum Schinz (2)

Z. pfeilii Engl. (8)

Z. schaeferi Engl. (8)

Perennial. Shrub, dwarf shrub, succulent. Ht 0.14–1 m. Alt 8–1200 m. N, NC, WC

crassifolium Huysst. = **Z. cuneifolium****cuneifolium** Eckl. & Zeyh.

Z. crassifolium Huysst. (8)

Perennial. Shrub, succulent. Ht up to 0.6 m. Alt 50–180 m. WC

cylindrifolium Schinz

Perennial. Shrub, dwarf shrub, succulent. Ht 0.2–0.9 m. Alt 379–1100 m. N

debile Cham. & Schltld.

Perennial. Shrub, succulent. Ht 0.3–1.5 m. Alt 191–915 m. WC, EC

decumbens Delile var. **decumbens** (insufficiently known) (8)*densiflorum* Schinz = **Z. dregeanum****dichotomum** Cham. & Schltld. (insufficiently known) (8)**divaricatum** Eckl. & Zeyh.

Perennial. Shrub, dwarf shrub, succulent. Ht 0.3–0.91 m. Alt up to 1300 m. EC

dregeanum Sond.

Z. densiflorum Schinz (2)

Perennial. Shrub, dwarf shrub, succulent. Ht 0.2–1 m. Alt 110–1080 m. N, NC

flexuosum Eckl. & Zeyh.

Perennial. Shrub, dwarf shrub, succulent. Ht 0.05–1.52 m. Alt 5–1220 m. WC

foetidum Schrad. & J.C. Wendl.

Z. meyeri Sond. (8)

Perennial. Shrub, succulent. Ht up to 1.5 m. Alt 6–1065 m. NC, WC, EC

fulvum L.

Perennial. Shrub, dwarf shrub, herb, succulent. Ht 0.2–1 m. Alt 5–1372 m. WC, EC

fuscatum Van Zyl

Perennial. Shrub, succulent. Ht up to 1 m. Alt ± 30–50 m. WC

garipense E.Mey. = **Z. microcarpum****giessii** Merxm. & A.Schreib.

Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt ± 1400 m. N

gilfillanii N.E.Br. = **Z. lichtensteinianum****glaucum** E.Mey. ex Sond. (insufficiently known) (8)**hirticaule** Van Zyl

Perennial. Dwarf shrub, decumbent, succulent. Ht up to 0.3 m. Alt ± 400 m. N

incanum Schinz = **Z. longistipulatum****incrustatum** E.Mey. ex Sond.

Perennial. Shrub, dwarf shrub, succulent. Ht 0.3–1 m. Alt 365–1525 m. FS, NC, WC, EC

latialatum Engl. = **Z. rigidum****leptopetalum** E.Mey. ex Sond.

Perennial. Shrub, dwarf shrub, succulent. Ht 0.15–2.13 m. Alt 155–1065 m. N, NC

leucocladum Diels

Z. sulcatum Huysst. (8)

Perennial. Dwarf shrub, succulent. Ht 0.22–0.5 m. Alt 400–1542 m. N, B, NC

lichtensteinianum Cham. & Schltld.

Z. gilfillanii N.E.Br. (8)

Perennial. Shrub, dwarf shrub, succulent. Ht up to 1 m. Alt 90–1420 m. FS, NC, WC, EC

longicapsulare Schinz

Z. campanulatum Dinter ex Range (8)

Z. cinereum Schinz (2)

Perennial. Dwarf shrub, succulent. Ht 0.2–0.4 m. Alt 300–1800 m. N, NC

longistipulatum Schinz

Z. incanum Schinz (8)

Perennial. Shrub, succulent. Ht ± 1 m. Alt 1100–1895 m. N

macrocarpon Retief

Perennial. Shrub, succulent. Ht up to 1.8 m. Alt 400–1000 m. N, NC

maculatum Aiton

Perennial. Dwarf shrub, succulent. Ht up to 0.8 m. Alt 500–1000 m. WC

maritimum Eckl. & Zeyh.

Z. uitenhagense Sond. (8)

Perennial. Dwarf shrub, scrambling, succulent. Length up to 2 m. Alt 80–700 m. WC, EC

marlothii Engl. = **Z. stapffii****maximiliani** Schltr. (insufficiently known) (8)*meyeri* Sond. = **Z. foetidum****microcarpum** Licht. ex Cham. & Schltld.

Z. garipense E.Mey. (8)

Z. microcarpum Licht. ex Cham. & Schltld. var. *macrocarpum* Loes. (8)

Perennial. Shrub, dwarf shrub, succulent. Ht 0.15–1.52 m. Alt 50–1420 m. N, NC, FS, WC, EC

microcarpum Licht. ex Cham. & Schltld. var. *macrocarpum* Loes. = **Z. microcarpum**

microphyllum L.f. (insufficiently known) (8)**morgsana** L.

Perennial. Shrub, dwarf shrub, succulent. Ht 0.3–2 m. Alt 2–1500 m. N, NC, WC, EC

paradoxum Schinz = **Z. cordifolium***pfeilii* Engl. = **Z. cordifolium****prismatocarpum** E.Mey. ex Sond.

Perennial. Shrub, dwarf shrub, succulent. Ht 0.2–1.5 m. Alt 12–500 m. N, NC

procumbens Adamson = **Z. spinosum**

pterocaule Van Zyl

Perennial. Dwarf shrub, succulent. Ht up to 0.15 m.
Alt 300–700 m. N, NC

pubescens Schinz

Perennial. Shrub, dwarf shrub, succulent. Ht 0.2–1 m.
Alt 40–1770 m. N, B, NW, NC

pygmaeum Eckl. & Zeyh.

Perennial. Shrub, dwarf shrub, succulent. Ht 0.3–1 m.
Alt 167–1524 m. NC, WC

retrofractum Thunb.

Perennial. Shrub, succulent. Ht up to 1.5 m. Alt 600–
1200 m. N, NC, WC

rigidum Schinz

Z. latialatum Engl. (8)

Z. suffruticosum Schinz (8)

Z. trothai Diels (8)

Perennial. Shrub, succulent. Ht ± 1.5 m. Alt 700–1490
m. N, NC

rogersii Compton

Perennial. Shrub, succulent. Ht up to 0.6 m. Alt 1000–
1200 m. WC

schaeferi Engl. = **Z. cordifolium**

schreiberanum L.

Perennial. Dwarf shrub, succulent. Ht 0.5–0.8 m. Alt ±
400 m. N

sessilifolium L.

Perennial. Shrub, dwarf shrub, succulent. Ht 0.15–0.4
m. Alt 20–1311 m. WC

simplex L.

Annual or biennial. Herb, succulent. Ht 0.01–0.1 m.
Alt 100–1370 m. N, B, FS, NC, WC, EC

sonderi H.Eichler (insufficiently known) (8)

spinosum L.

Z. procumbens Adamson (8)

Perennial. Shrub, dwarf shrub, succulent. Ht 0.15–
1.21 m. Alt 15–2195 m. NC, WC

stapffii Schinz

Z. marlothii Engl. (8)

Perennial. Shrub, dwarf shrub, succulent. Ht 0.15–
1.21 m. Alt 260–400 m. N

suffruticosum Schinz = **Z. rigidum**

sulcatum Huysst. = **Z. leucocladum**

tenue P.E.Glover

Perennial. Dwarf shrub, succulent. Ht 0.15–0.4 m. Alt
975–1585 m. N, B, NC

teretifolium Schltr.

Perennial. Dwarf shrub, succulent. Ht ± 0.3 m. Alt
238–275 m. WC

trothai Diels = **Z. rigidum**

uitenhagense Sond. = **Z. maritimum**



MONOCOTYLEDONS

*ACORACEAE

Compiled by Y. Singh

*ACORUS L.

0694000

calamus L.

(1) Ubbink & Bredenkamp. 1985. *Bothalia* 15: 547.

Perennial. Herb, helophyte. Ht 0.6–1 m. Alt ± 1400 m. NW

AGAPANTHACEAE

Compiled by C. Archer

AGAPANTHUS L'Hér.

1046000

Perennial. Herb. Ht up to 1.21 m. Alt ?–1890 m. M

- (1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 1.
 (2) Leighton. 1965. *Journal of South African Botany* Suppl. 4: 1–50.
 (3) Dyer. 1966. *The Flowering Plants of Africa* 37: t. 1478.
 (4) Dyer. 1966. *The Flowering Plants of Africa* 37: t. 1480.
 (5) Rourke. 1973. *The Flowering Plants of Africa* 42: t. 1675.
 (6) Duncan. 1993. *The Flowering Plants of Africa* 52: t. 2062.

africanus (L.) Hoffmanns.*A. minor* Lodd. (2)*A. umbellatus* L'Hér. (2)*Crinum africanum* L. (2)*Mauhlia africana* (L.) Dahl (2)*Mauhlia linearis* Thunb. (2)*Tulbaghia heisteri* Fabric (2)

Perennial. Herb, geophyte. Ht 0.45–0.6 m. Alt 55–1130 m. WC

campanulatus F.M.Leight. subsp. **campanulatus**

Perennial. Herb, geophyte. Ht 0.4–1.52 m. Alt 425–2125 m. FS, KZN, EC

campanulatus F.M.Leight. subsp. **patens** (F.M.Leight.) F.M.Leight.*A. patens* F.M.Leight. (2)

Perennial. Herb. Ht 0.4–1.06 m. Alt 730–2745 m. G, FS, KZN, L, EC

caulescens Spreng. subsp. **angustifolius** F.M.Leight.

Perennial. Herb. Ht 0.6–1.3 m. Alt ?–1370 m. M, S, KZN

caulescens Spreng. subsp. **caulescens**

Perennial. Herb. Ht 0.27–1.67 m. Alt ?–1950 m. M, S, KZN, EC

caulescens Spreng. subsp. **gracilis** (F.M.Leight.) F.M.Leight.*A. gracilis* F.M.Leight. (2)

Perennial. Herb. Ht 0.6–1.3 m. Alt ?–740 m. KZN

coddii F.M.Leight.

Perennial. Herb. Ht up to 1 m. Alt ?–305 m. LIM

comptonii F.M.Leight. subsp. **comptonii**

Perennial. Herb. Ht 0.6–1 m. Alt? EC

comptonii F.M.Leight. subsp. **longitubus** F.M.Leight.

Perennial. Herb. Ht 0.6–1 m. Alt ?–1280 m. EC

dyeri F.M.Leight.

Perennial. Herb. Ht up to 1.2 m. Alt ?–1676 m. LIM

gracilis F.M.Leight. = **A. caulescens** subsp. **gracilis***hollandii* F.M.Leight. = **A. inapertus** subsp. **hollandii****inapertus** P.Beauv. subsp. **hollandii** (F.M.Leight.) F.M.Leight.*A. hollandii* F.M.Leight. (2)**inapertus** P.Beauv. subsp. **inapertus**

Perennial. Herb. Ht 0.03–1.8 m. Alt 565–2500 m. LIM, M

inapertus P.Beauv. subsp. **intermedius** F.M.Leight.

Perennial. Herb. Ht 0.06–1.52 m. Alt 155–1980 m. LIM, G, M, S, KZN

inapertus P.Beauv. subsp. **parviflorus** F.M.Leight.

Perennial. Herb. Ht up to 0.8 m. Alt ?–1940 m. M

inapertus P.Beauv. subsp. **pendulus** (L.Bolus) F.M.Leight.*A. pendulus* L.Bolus (2)

Perennial. Herb. Ht 0.6–1.21 m. Alt ?–2010 m. M

longispathus F.M.Leight. = **A. praecox** subsp. **minimus***minor* Lodd. = **A. africanus****nutans** F.M.Leight.

Perennial. Herb. Ht 0.75–1.52 m. Alt 400–1830 m. LIM, S, KZN

orientalis F.M.Leight. = **A. praecox** subsp. **orientalis***patens* F.M.Leight. = **A. campanulatus** subsp. **patens***pendulus* L.Bolus = **A. inapertus** subsp. **pendulus****praecox** Willd. subsp. **minimus** (Lindl.) F.M.Leight.*A. longispathus* F.M.Leight. (2)*A. umbellatus* L'Hér. var. *minimus* Lindl. (2)

Perennial. Herb. Ht 0.4–0.85 m. Alt 5–600 m. WC, EC

praecox Willd. subsp. **orientalis** (F.M.Leight.) F.M.Leight. (2)*A. orientalis* F.M.Leight. (2)*A. umbellatus* L'Hér. var. *maximus* Edwards (2)

Perennial. Herb. Ht up to 1.21 m. Alt 15–1435 m. KZN, EC

praecox Willd. subsp. **praecox**

Perennial. Herb. Ht 0.8–1 m. Alt? KZN, EC

umbellatus L'Hér. = **A. africanus***umbellatus* L'Hér. var. *maximus* Edwards = **A. praecox** subsp. **orientalis***umbellatus* L'Hér. var. *minimus* Lindl. = **A. praecox** subsp. **minimus****walshii** L.Bolus

Perennial. Herb. Ht 0.6–0.7 m. Alt 300–730 m. WC

MAUHLLIA Dahl

1046010

africana (L.) Dahl = **Agapanthus africanus***linearis* Thunb. = **Agapanthus africanus**

*AGAVACEAE

Compiled by G.F. Smith

*AGAVE L. 1219000

- (1) Baker. 1892. *Bulletin of miscellaneous information [Royal Botanic Gardens] Kew, England*: 183, 184.
 (2) Trelease. 1913. *Memoirs of the National Academy of Science* 11: 155; Pl. A–E; 1–116.
 (3) Bailey. 1914. *The standard cyclopedia of horticulture* 1: 230–239.
 (4) Berger. 1915. *Die Agaven. Beiträge zu einer Monographie*.
 (5) Trelease. 1920. *Contributions from the United States National Herbarium* 23: 105–142.
 (6) Gentry. 1982. *Agaves of continental North America*.
 (7) Forster. 1992. *Brittonia* 44: 74, 75.
 (8) Smith. 1995. *PlantLife* 13: 6.
 (9) Smith. *Aloe* 32: 84, 85.
 (10) Smith & Crouch. 1996. *Veld & Flora* 82: 38, 39.
 (11) Smith & Mössmer. 1996. *Bothalia* 26: 31–35.
 (12) Smith & Steyn. 1999. *Bothalia* 29: 100.
 (13) Smith & Steyn. 1999. *South African Journal of Botany* 65: 249–252.
 (14) Steyn & Smith. 2000. *Bothalia* 30: 43–46.
 (15) G.F. Smith. Personal communication.

altissima Zumagl. = **A. americana** subsp. **americana** var. **americana**

americana L. subsp. **americana** var. **americana**

- A. altissima* Zumagl. (4)
A. complicata Trel. ex Ochot. (2)
A. felina Trel. (5)
A. gracilispina (Rol.-Goss.) Engelm. ex Trel. (3)
A. melliflua Trel. (3)
A. rasconensis Trel. (5)
A. salmiana Otto ex Salm-Dyck var. *gracilispina* Rol.-Goss. (4)
A. subzonata Trel. (5)
A. vera-cruz J.R.Drumm. & Prain (4)
A. zonata Trel. (3)

Perennial. Massive succulent shrub. Ht 1–2 m, 4–9 m when in flower. Alt 0–2500 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

angustifolia Haw. var. *angustifolia* = **A. vivipara** var. **vivipara**

complicata Trel. ex Ochot. = **A. americana** subsp. **americana** var. **americana**

decipiens Baker

- A. laxifolia* Baker (1)

Perennial. Succulent shrub. Ht 1–1.3 m, 6–7 m when in flower. Alt 400–1400 m. G, EC

felina Trel. = **A. americana** subsp. **americana** var. **americana**

gracilispina (Rol.-Goss.) Engelm. ex Trel. = **A. americana** subsp. **americana** var. **americana**

laxifolia Baker = **A. decipiens**

melliflua Trel. = **A. americana** subsp. **americana** var. **americana**

owenii I.M.Johnst. = **A. vivipara** var. **vivipara**

pacifica Trel. = **A. vivipara** var. **vivipara**

rasconensis Trel. = **A. americana** subsp. **americana** var. **americana**

rigida Mill. var. *sisalana* (Perrine) Engelm. = **A. sisalana**
salmiana Otto ex Salm-Dyck var. *gracilispina* Rol.-Goss = **A. americana** subsp. **americana** var. **americana**

sisalana Perrine

- A. rigida* Mill. var. *sisalana* (Perrine) Engelm. (3, 4)

Perennial. Succulent shrub. Ht 1–2 m, 4–9 m when in flower. Alt 0–2000 m. LIM, G, M, S, KZN, NC, WC, EC

subzonata Trel. = **A. americana** subsp. **americana** var. **americana**

vera-cruz J.R.Drumm. & Prain = **A. americana** subsp. **americana** var. **americana**

vivipara L. var. **vivipara**

- A. angustifolia* Haw. var. *angustifolia* (2, 6)
A. owenii I.M.Johnst. (14)
A. pacifica Trel. (14)
A. yaquiana Trel. (14)

Perennial. Succulent shrub. Ht 0.5–1 m, 3.5–4 m when in flower. Alt 0–2000 m. G, WC, EC

yaquiana Trel. = **A. vivipara** var. **vivipara**

zonata Trel. = **A. americana** subsp. **americana** var. **americana**

ALISMATACEAE

Compiled by R.P. Glen & C.D.K. Cook

*ALISMA L. 0071000

- (1) Obermeyer. 1966. *FSA* 1: 96, 97.

plantago-aquatica L.

Annual, occ. perennial. Hydrophyte (hyperhydate). Ht 0.3–1 m. Alt 0–1560 m. G, FS, KZN, EC

BURNATIA Micheli 0080000

- (1) Obermeyer. 1966. *FSA* 1: 96, 99.

enneandra Micheli

Perennial. Herb, hydrophyte. Ht ± 1 m. Alt 300–950 m. N, B, LIM, M, KZN

CALDESIA Parl. 0072000

- (1) Carter. 1960. *FTEA* Alismataceae: 7.

reniformis (D.Don) Makino

Perennial. Herb, hydrophyte. Ht 0.4–1.2 m. Alt 940–1000 m. B

LIMNOPHYTON Miq. 0075000

- (1) Obermeyer. 1966. *FSA* 1: 96–99.
 (2) Carter. 1960. *FTEA* Alismataceae: 7–11.

angolense Buchenau

Essentially annual. Herb, occ. perennating, hydrophyte: hyperhydate/epihydate (occ.). Ht 0.6–1 m. Alt ± 1000 m. B

obtusifolium (L.) Miq.

Essentially annual. Herb, hydrophyte: hyperhydate/epi-
hydate (occ.). Ht 0.2–1 m. Alt 45–900 m. N, B, LIM,
M, KZN

WIESNERIA Micheli

0080010

(1) Wright. 1902. *FTA* 8: 213, 214.**schweinfurthii** Hook. f.

Usually annual. Herb, hydrophyte: hyperhydate. Ht ± 1.5
m. Alt ± 930 m. B

ALLIACEAE

Compiled by C. Archer

ALLIUM L.

1049000

- (1) Baker. 1897. *FC* 6: 253–528.
- (2) Obermeyer. 1961. *Bothalia* 7: 481.
- (3) De Wilde-Duyfjes. 1976. *Belmontia* 7: 1–237 (originally in *Medede-
lingen Landbouwhogeschool Wageningen, Nederland* 76-11: 1–237).
- (4) Stearn & Campbell. 1984. *European garden flora* 1: 233–246.

dregeanum Kunth

Perennial. Geophyte. Ht 0.3–1.2 m. Alt 120–1525 m. FS,
NC, WC, EC

***triquetrum** L.

Perennial. Geophyte. Ht? Alt ?–300 m. WC

***NOTHOSCORDUM** Kunth 1050000

- (1) Henderson & Anderson. 1966. *Memoirs of the Botanical Survey
of South Africa* No. 37: 68, 69, t. 33.
- (2) Stearn. 1986. *Taxon* 35: 335–338.
- (3) Ravenna. 1991. *Taxon* 40: 485–487.

borbonicum Kunth

N. fragrans (Vent.) Kunth (3)

Perennial. Geophyte. Ht up to 0.45 m. Alt? G, M, FS,
KZN, NC, WC, EC

fragrans (Vent.) Kunth = **N. borbonicum**

OMENTARIA Salisb.

1047010

cepacea Salisb. = **Tulbaghia violacea**

TULBAGHIA L.

1047000

- (1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 9.
- (2) Verdoorn. 1931. *The Flowering Plants of South Africa* 11: t. 438.
- (3) Phillips. 1937. *The Flowering Plants of South Africa* 17: t. 653.
- (4) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 935.
- (5) Dyer. 1945. *The Flowering Plants of Africa* 25: t. 979.
- (6) Vosa. 1975. *Annali di Botanica* 34: 47–121.
- (7) Burbidge. 1978. *Notes from the Royal Botanic Garden Edinburgh*
36: 77–103.
- (8) Vosa. 1980. *Journal of South African Botany* 46: 109–114.
- (9) Vosa. 1981. *Journal of South African Botany* 47: 57–61.
- (10) Vosa. 1982. *Journal of South African Botany* 48: 241–244.
- (11) Dillon & Nelson. 1991. *Kew Magazine* 8: 12–15, t. 166.
- (12) Vosa & Condy. 2001. *Flowering Plants of Africa* 57: t. 2164.

acutiloba Harv.

Perennial. Herb. Ht 0.12–0.2 m. Alt 100–2530 m. B,
LIM, NW, G, M, S, FS, KZN, L, EC

affinis Link (insufficiently known) (6)**×aliceae** Vosa

Perennial. Herb. Ht 0.2–0.35 m. Alt ?–± 600 m. EC

alliacea L. f.

Perennial. Herb, geophyte. Ht 0.26–0.45 m. Alt 50–2250
m. WC

calcarea Engl. & K.Krause (insufficiently known) (6)

Perennial. Herb. Ht 0.15–0.4 m. Alt? N

cameroni Baker

Perennial. Herb. Ht 0.15–0.25 m. Alt? N

campanulata N.E.Br. = **T. cernua**

capensis L.

T. pulchella Avé-Lall., illegitimate name (6)

Perennial. Herb. Ht 0.12–0.35 m. Alt 10–1500 m. WC,
EC

carnosa Burb. = **T. verdoornia**

cepacea L. f. = **T. violacea**

cepacea L. f. var. **maritima** Vosa

Perennial. Herb. Ht 0.1–0.15 m. Alt? EC

cernua Avé-Lall.

T. campanulata N.E.Br. (9)

Perennial. Herb. Ht up to 0.25 m. Alt ?–1770 m. B,
LIM, NW, M, FS, KZN, L, WC, EC

coddii Vosa & Burb.

T. poetica Burb. (7)

Perennial. Herb. Ht 0.1–0.2 m. Alt ?–2200 m. M

cominsii Vosa

Perennial. Herb. Ht 0.09–0.2 m. Alt ?–365 m. EC

daviesii Grey = **T. simmleri**

dieterlenii E.Phillips = **T. leucantha**

dregeana Kunth

Perennial. Herb. Ht 0.15–0.2 m. Alt ?–915 m. NC, WC

fragrans I.Verd. = **T. simmleri**

galpinii Schltr.

Perennial. Herb. Ht up to 0.15 m. Alt 90–2000 m. EC

heisteri Fabric = **Agapanthus africanus**

hypoxidea Sm. (insufficiently known) (6)

karasbergensis P.E.Glover = **T. tenuior**

leucantha Baker

T. dieterlenii E.Phillips (6)

Perennial. Herb. Ht 0.1–0.25 m. Alt 30–2325 m. N,
LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

ludwigiana Harv.

Perennial. Herb. Ht 0.25–0.91 m. Alt 15–2325 m. M,
S, KZN, EC

luebbertiana Engl. & K.Krause (insufficiently known) (6)

montana Vosa

Perennial. Herb. Ht 0.3–0.4 m. Alt ?–2500 m. KZN, L,
EC

natalensis Baker

Perennial. Herb. Ht 0.15–0.36 m. Alt 150–1860 m.
KZN, EC

nutans Vosa

Perennial. Herb. Ht up to 0.3 m. Alt ?–2400 m. M

pauciflora Baker (insufficiently known) (6)

poetica Burb. = **T. coddii**

pulchella Avé-Lall., illegitimate name = **T. capensis**

pulchella P.E.Barnes, illegitimate name = **T. simmleri**

simmleri P.Beauv.

T. daviesii Grey (8)

T. fragrans I.Verd. (8)

T. pulchella P.E.Barnes, illegitimate name (8)

Perennial. Herb. Ht up to 0.4 m. Alt 960–1120 m.

LIM, M

tenuior K.Krause & Dinter

T. karasbergensis P.E.Glover (6)

Perennial. Herb. Ht up to 0.3 m. Alt ?–1035 m. N, NC

transvaalensis Vosa

Perennial. Herb. Ht 0.15–0.25 m. Alt? LIM, KZN

verdoornia Vosa & Burb.

T. carnososa Burb. (7)

Perennial. Herb. Ht 0.15–0.3 m. Alt ?–± 380 m. EC

violacea Harv.

Omentaria cepacea Salisb. (6)

T. cepacea L.f. (8)

Perennial. Herb. Ht 0.2–0.45 m. Alt 3–1220 m. KZN,

WC, EC

AMARYLLIDACEAE

Compiled by D.A. Snijman & R.H. Archer

AMARYLLIS L.

1176000

(1) Baker. 1896. *FC* 6: 202, 203.

(2) Dyer. 1955. *The Flowering Plants of Africa* 30: t. 1200.

(3) Goldblatt. 1984. *Taxon* 33: 511–516.

(4) Snijman & Williamson. 1998. *Bothalia* 28: 192–196.

belladonna L.

Perennial. Geophyte. Ht 500–900 mm. Alt 15–850 m. WC

guttata L. = **Crossyne guttata**

paradisicola Snijman

Perennial. Geophyte. Ht 500–800 mm. Alt ± 550 m. NC

AMMOCHARIS Herb.

1190000

(1) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 230.

(2) Phillips. 1938. *The Flowering Plants of South Africa* 18: t. 712.

(3) Milne-Redhead & Schweickerdt. 1939. *Journal of the Linnean Society, Botany* 52: 159–197.

(4) Lehmiller. 1992. *Novon* 2: 33–35.

(5) Killick & Condry. 1994. *Flowering Plants of Africa* 53: t. 2092.

(6) Snijman & Williamson. 1994. *Bothalia* 24: 127–132.

(7) Meerow *et al.* 2003. *Botanical Journal of the Linnean Society* 141: 349–363.

(8) Snijman. Personal communication.

baumii (Harms) Milne-Redh. & Schweick.

Crinum baumii Harms (7)

Perennial. Geophyte. Ht ± 0.1 m. Alt 850–1150 m. N

coranica (Ker Gawl.) Herb.

Perennial. Geophyte. Ht ± 350 mm. Alt? N, B, LIM, NW, M, S, FS, KZN, L, NC, WC, EC

herrei F.M.Leight. = **A. longifolia**

longifolia (L.) M.Roem.

A. herrei F.M.Leight. (6)

Cybistetes herrei (F.M.Leight.) D.Müll.-Doblies & U.Müll.-Doblies (8)

Cybistetes longifolia (L.) Milne-Redh. & Schweick. (7)

Perennial. Geophyte. Ht 300–500 mm. Alt 50–600 m. N, NC, WC

nerinoides (Baker) Lehmiller

Crinum nerinoides Baker (4)

Perennial. Geophyte. Ht 50–120 mm. Alt? N

tinneana (Kotschy & Peyr.) Milne-Redh. & Schweick.

Perennial. Geophyte. Ht 35–225 mm. Alt? N, B

ANOIGANTHUS Baker

1179000

breviflorus (Harv.) Baker = **Cyrtanthus breviflorus**

luteus (Baker) Baker = **Cyrtanthus breviflorus**

APODOLIRION Baker

1187000

(1) Baker. 1896. *FC* 6: 197, 198.

(2) Phillips. 1934. *The Flowering Plants of South Africa* 14: t. 533.

(3) Hilliard & Burt. 1973. *Notes from the Royal Botanic Garden Edinburgh* 32: 304–307.

(4) Müller-Doblies. 1986. *Willdenowia* 15: 465–471.

(5) Pooley. 1998. *A field guide to wild flowers of KwaZulu-Natal and the eastern region*: 106.

amyantum D.Müll.-Doblies

Perennial. Geophyte. Ht ± 100 mm. Alt 50–150 m. EC

bolusii Baker

Perennial. Geophyte. Ht ± 100 mm. Alt ± 1300 m. EC

buchananii Baker

A. ettae Baker (4)

A. mackenii Baker (4)

Perennial. Geophyte. Ht 100–200 mm. Alt ?–2440 m. M, S, FS, KZN, EC

cedarbergense D.Müll.-Doblies

Perennial. Geophyte. Ht 30–150 mm. Alt ± 1000 m. WC

ettae Baker = **A. buchananii**

lanceolatum (Thunb.) Baker

Perennial. Geophyte. Ht ± 30 mm. Alt 40–450 m. WC

mackenii Baker = **A. buchananii**

macowanii Baker

Perennial. Geophyte. Ht ± 70 mm. Alt ?–675 m. EC

BOKKEVELDIA D.Müll.-Doblies 1171010 & U.Müll.-Doblies

aestivalis (Snijman) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria aestivalis**

perryae (Snijman) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria perryae**

picta (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria picta**

pubescens (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria pubescens**

salteri (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria salteri**

watermeyerii (L.Bolus) D.Müll.-Doblies & U.Müll.-Doblies subsp. *botterkloofensis* D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria watermeyerii** subsp. **botterkloofensis**

watermeyeri (L. Bolus) D. Müll.-Doblies & U. Müll.-Doblies
subsp. *watermeyeri* = **Strumaria watermeyeri** subsp.
watermeyeri

BOOPHONE Herb. 1168000

- (1) Baker. 1896. *FC* 6: 242–244.
- (2) Leighton. 1947. *Journal of South African Botany* 13: 59–61.
- (3) Dyer. 1953. *The Flowering Plants of Africa* 29: t. 1141.
- (4) Barker. 1963. *Journal of South African Botany* 29: 163–166.
- (5) Snijman. 1983. *Journal of South African Botany* 49: 243–249.
- (6) Müller-Doblies & Müller-Doblies. 1994. *Feddes Repertorium* 105: 331–363.
- (7) Archer *et al.* 2001. *Taxon* 50: 569–571.
- (8) Obermeyer. Personal communication.
- (9) Snijman. Personal communication.

ciliaris (L.) Herb. = **Crossyne guttata**

disticha (L.f.) Herb.

B. longepedicellata Pax (8)

Perennial. Geophyte. Ht 200–300 mm. Alt 50–1800 m.
N, B, LIM, G, M, S, FS, KZN, L, WC, EC

disticha (L.f.) Herb. var. *ernesti-ruschii* Dinter &
G.M. Schulze = **B. haemanthoides**

flava W.F. Barker ex Snijman = **Crossyne flava**

guttata (L.) Herb. = **Crossyne guttata**

haemanthoides F.M. Leight.

B. disticha (L.f.) Herb. var. *ernesti-ruschii* Dinter & G.M. Schulze (9)
Perennial. Geophyte. Ht 200–300 mm. Alt 15–800 m. N,
NC, WC

longepedicellata Pax = **B. disticha**

pulchra W.F. Barker = **Brunsvigia pulchra**

BRUNSVIGIA Heist. 1177000

- (1) Leighton. 1934. *The Flowering Plants of South Africa* 14: t. 552.
- (2) Dyer. 1950. *Plant Life edn Herbertia* 6: 63–83.
- (3) Dyer. 1951. *Plant Life edn Herbertia* 7: 44–64.
- (4) Dyer. 1956. *The Flowering Plants of Africa* 31: t. 1223.
- (5) Barker. 1963. *Journal of South African Botany* 29: 163–166.
- (6) Dyer. 1964. *The Flowering Plants of Africa* 36: t. 1440.
- (7) Obermeyer. 1977. *The Flowering Plants of Africa* 44: t. 1740.
- (8) Müller-Doblies & Müller-Doblies. 1994. *Feddes Repertorium* 105: 331–363.
- (9) Pooley. 1998. *A field guide to wild flowers of KwaZulu-Natal and the eastern region*: 38, 348.
- (10) Snijman. 2000. In Goldblatt & Manning, *Strelitzia* 9: 54, 55.
- (11) Snijman. 2001. *Bothalia* 31: 34–37.
- (12) Snijman & Linder Smith. 2001. *Flowering Plants of Africa* 57: t. 2167.

appendiculata F.M. Leight. = **B. bosmaniae**

bosmaniae F.M. Leight.

B. appendiculata F.M. Leight. (10)

Perennial. Geophyte. Ht 150–300 mm. Alt 150–1000 m.
N, NC, WC

comptonii W.F. Barker

Perennial. Geophyte. Ht 80–120 mm. Alt 550–1500 m.
NC, WC

elandsmontana Snijman

Perennial. Geophyte. Ht ± 150 mm. Alt ± 100 m. WC

grandiflora Lindl.

Perennial. Geophyte. Ht 600–800 mm. Alt 300–2200 m.
M, FS, KZN, EC

gregaria R.A. Dyer

Perennial. Geophyte. Ht 200–400 mm. Alt ± 100 m. EC

gydobergensis D. Müll.-Doblies & U. Müll.-Doblies = **B. josephinae**

herrei F.M. Leight. ex W.F. Barker

Perennial. Geophyte. Ht 250–400 mm. Alt 650–1000 m.
N, NC

josephinae (Redouté) Ker Gawl.

B. gydobergensis D. Müll.-Doblies & U. Müll.-Doblies (10)

Perennial. Geophyte. Ht ± 650 mm. Alt 200–1000 m.
NC, WC, EC

litoralis R.A. Dyer

Perennial. Geophyte. Ht ± 600 mm. Alt ± 5 m. EC

marginata (Jacq.) Aiton

Perennial. Geophyte. Ht ± 200 mm. Alt 450–1200 m.
WC

minor Lindl. = **B. striata**

namaquana D. Müll.-Doblies & U. Müll.-Doblies

Perennial. Geophyte. Ht ± 120 mm. Alt ± 1000 m. NC

natalensis Baker

Perennial. Geophyte. Ht 350–900 mm. Alt 1700–2280
m. LIM, G, M, S, FS, KZN, L

orientalis (L.) Aiton ex Eckl.

Perennial. Geophyte. Ht 400–500 mm. Alt 5–200 m. WC

pulchra (W.F. Barker) D. Müll.-Doblies & U. Müll.-Doblies

Boophone pulchra W.F. Barker (8)

Perennial. Geophyte. Ht 120–300 mm. Alt ± 1000 m.
NC

radula (Jacq.) Aiton

Perennial. Geophyte. Ht 80–120 mm. Alt ± 100 m. NC,
WC

radulosa Herb.

Perennial. Geophyte. Ht 400–800 mm. Alt 1000–1500 m.
B, NW, M, S, FS, KZN, L, NC, EC

striata (Jacq.) Aiton

B. minor Lindl. (10)

Perennial. Geophyte. Ht 150–350 mm. Alt 700–1250 m.
NC, WC, EC

undulata F.M. Leight.

Perennial. Geophyte. Ht 500–800 mm. Alt ± 1500 m.
KZN

CARPOLYZA Salisb. 1166010

spiralis (L'Hér.) Salisb. = **Strumaria spiralis**

CHAPMANOLIRION Dinter 1202010

juttiae Dinter = **Pancratium tenuifolium**

CLIVIA Lindl. 1170000

(1) Baker. 1896. *FC* 6: 228, 229.

(2) Watson. 1899. *The Gardeners' Chronicle* 25: 388, t. 1246.

(3) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 13.

(4) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 411.

(5) Dyer. 1943. *The Flowering Plants of South Africa* 23: t. 891.

(6) Obermeyer. 1972. *The Flowering Plants of Africa* 42: t. 1641.

(7) Vorster & Smith. 1994. *Flowering Plants of Africa* 53: t. 2094.

(8) Pooley. 1998. *A field guide to wild flowers of KwaZulu-Natal and the eastern region*: 36–39.

(9) Rourke. 2002. *Bothalia* 32: 1–7.

(10) Obermeyer. Personal communication.

caulescens R.A. Dyer

Perennial. Geophyte. Ht 0.5–1.5 m. Alt ± 1500 m.
LIM, M, S

gardenii Hook.

Perennial. Geophyte. Ht 0.8–1.3 m. Alt 0–1200 m.
KZN, EC

- miniata** (Lindl.) Regel var. **citrina** Watson
C. miniata (Lindl.) Regel var. *flava* E. Phillips (10)
 Perennial. Geophyte. Ht 0.4–0.6 m. Alt? S, KZN
- miniata* (Lindl.) Regel var. *flava* E. Phillips = **C. miniata**
 var. **citrina**
- miniata** (Lindl.) Regel var. **miniata**
 Perennial. Geophyte. Ht 0.5–1 m. Alt 30–1200 m. M, S,
 KZN, EC
- mirabilis** Rourke
 Perennial. Geophyte. Ht 0.6–1.2 m. Alt ± 600 m. NC, WC
- nobilis** Lindl.
 Perennial. Geophyte. Ht 0.5–1.1 m. Alt 15–600 m. EC

CRINUM L. 1189000

- (1) Baker. 1881. *Curtis's Botanical Magazine* 107: t. 6545.
- (2) Baker. 1883. *Journal of the Linnean Society, Botany* 20: 237–304.
- (3) Baker. 1896. *FC* 6: 198–202.
- (4) Letty. 1934. *The Flowering Plants of South Africa* 14: t. 532.
- (5) Verdoorn. 1943. *The Flowering Plants of South Africa* 23: t. 887.
- (6) Verdoorn. 1953. *The Flowering Plants of Africa* 29: tt. 1150, 1155.
- (7) Verdoorn. 1956. *Journal of South African Botany* 22: 79–83.
- (8) Verdoorn. 1961. *The Flowering Plants of Africa* 34: t. 1351.
- (9) Verdoorn. 1962. *The Flowering Plants of Africa* 35: t. 1389.
- (10) Verdoorn. 1964. *The Flowering Plants of Africa* 36: tt. 1432, 1433.
- (11) Verdoorn. 1965. *The Flowering Plants of Africa* 37: t. 1455.
- (12) Verdoorn. 1966. *The Flowering Plants of Africa* 37: t. 1471.
- (13) Verdoorn. 1969. *The Flowering Plants of Africa* 40: tt. 1523, 1577.
- (14) Verdoorn. 1971. *The Flowering Plants of Africa* 41: t. 1629.
- (15) Verdoorn. 1972. *The Flowering Plants of Africa* 42: tt. 1642, 1643.
- (16) Verdoorn. 1973. *The Flowering Plants of Africa* 42: t. 1676.
- (17) Verdoorn. 1973. *Bothalia* 11: 27–52.
- (18) Nordal. 1977. *Norwegian Journal of Botany* 24: 179–194.
- (19) Nordal. 1982. *FTEA Amaryllidaceae*: 9–18.
- (20) Nordal & Fangan. 1994. *Proceedings of the 13th plenary meeting of AETFAT, Zomba, Malawi, 2–11 April, 1991*: 545–555.
- (21) Archer & Archer. 1996. *Bothalia* 26: 153.
- (22) Lehmillier. 1997. *Herbertia* 52: 44–65.
- (23) Archer. 1997. *Herbertia* 52: 90–94.
- (24) Archer & Condy. 1999. *Flowering Plants of Africa* 56: 30–35, t. 2146; 36–40, t. 2147.
- (25) Nordal *et al.* 2002. *Taxon* 51: 187, 188.
- (26) Meerow *et al.* 2003. *Botanical Journal of the Linnean Society* 141: 349–363.

- acaule** Baker
 Perennial. Geophyte. Ht 0.2–0.4 m. Alt 20–250 m. KZN
- africanum** L. = **Agapanthus africanus**
- baumii** Harms = **Ammocharis baumii**
- bulbispermum** (Burm.f.) Milne-Redh. & Schweick.
 Perennial. Geophyte, hydrophyte. Ht 0.3–1 m. Alt 550–
 1600 m. NW, G, M, S, FS, KZN, L, NC
- buphanoides** Welw. ex Baker
C. leucophyllum Baker (17)
 Perennial. Geophyte. Ht 0.3–0.6 m. Alt 300–1600 m. N,
 B, LIM, G, M
- campanulatum** Herb.
 Perennial. Geophyte, hydrophyte. Ht 0.2–0.6 m. Alt 250–
 800 m. EC
- carolo-schmidtii** Dinter (insufficiently known)
 Perennial. Geophyte, hydrophyte. Ht 0.1–0.4 m. Alt 750–
 1250 m. N, B
- carolo-schmidtii* Dinter in sense of Verdoorn (1971, 1973)
 = **C. lugardiae**
- crassicaule** Baker
C. foetidum I. Verd. (25)
 Perennial. Geophyte. Ht 0.4–0.6 m. Alt 400–1250 m. N,
 B, LIM, NW, NC
- crassicaule* in sense of I. Verd., not of Baker = **C. sub-**
cernuum

- crispum* E. Phillips = **C. lugardiae**
- delagoense* I. Verd. = **C. stuhlmannii**
- euchrophyllum** I. Verd.
 Perennial. Geophyte, hydrophyte. Ht 0.2–0.3 m. Alt 750–
 1100 m. N, B
- foetidum* I. Verd. = **C. crassicaule**
- forbesii* (Lindl.) Schult. & Schult.f., name rejected in part
 = **C. paludosum**
- forbesii* (Lindl.) Schult. & Schult.f., name rejected in part
 = **C. stuhlmannii**
- giesii** Lehmillier
 Perennial. Geophyte. Ht 0.2–0.4 m. Alt ± 1140 m. N
- gouwsii* Traub = **C. macowanii**
- graminicola** I. Verd.
C. graminicola I. Verd. in part (23)
 Perennial. Geophyte. Ht 0.2–0.5 m. Alt 1000–1650 m.
 LIM, NW, G, M, KZN
- graminicola* I. Verd. in part = **C. graminicola**
- graminicola* I. Verd. in part = **C. harmsii**
- harmsii** Baker.
C. graminicola I. Verd. in part (22)
 Perennial. Geophyte. Ht? Alt? N
- imbricatum** Baker = **C. moorei**
- kirkii* Baker in sense of I. Verd., not of Baker = **C. ornatum**
- lineare** L.f.
 Perennial. Geophyte. Ht 0.2–0.7 m. Alt 10–150 m. EC
- leucophyllum** Baker = **C. buphanoides**
- lugardiae** N.E.Br.
C. carolo-schmidtii Dinter in sense of Verdoorn (1971, 1973) (22)
C. crispum E. Phillips (17)
C. occiduale R.A. Dyer (22)
C. polyphyllum Baker (17)
 Perennial. Geophyte, hydrophyte. Ht 0.2–0.4 m. Alt 1000–
 1650 m. N, B, LIM, NW, G, M, NC
- macowanii** Baker
C. gouwsii Traub (17)
C. macowanii Baker subsp. *confusum* I. Verd. (17)
 Perennial. Geophyte. Ht 0.5–1.2 m. Alt 200–1650 m. N,
 B, LIM, NW, G, M, S, FS, KZN, EC
- macowanii* Baker in part = **C. moorei**.
- macowanii* Baker subsp. *confusum* I. Verd. = **C. macowanii**
- minimum** Milne-Redh.
C. walteri Overkott (17, 23)
 Perennial. Geophyte. Ht 0.1–0.15 m. Alt 450–1450 m. N,
 B, LIM, M
- moorei** Hook.f.
C. imbricatum Baker (17)
C. macowanii Baker in part (17)
C. schmidtii Regel (3)
 Perennial. Geophyte. Ht 0.3–1.6 m. Alt 150–450 m. KZN,
 EC
- nerinoides* Baker = **Ammocharis nerinoides**
- occiduale* R.A. Dyer = **C. lugardiae**
- ornatum** (L.f. ex Aiton) Bury
C. kirkii in sense of I. Verd., not of Baker (19, 20)
 Perennial. Geophyte. Ht 0.3–0.7 m. Alt ± 800 m. N
- paludosum** I. Verd.
C. forbesii (Lindl.) Schult. & Schult.f., name rejected in part (17, 21)
 Perennial. Geophyte, hydrophyte. Ht 0.2–0.5 m. Alt 150–
 1650 m. N, B, LIM, NW, G, S, KZN
- parvibulbosum** Dinter ex Overkott

Perennial. Geophyte. Ht 0.05–0.2 m. Alt 900–1140 m. N
polyphyllum Baker = **C. lugardiae**

rautanenianum Schinz

Perennial. Geophyte, hydrophyte. Ht 0.4–0.7 m. Alt 750–1200 m. N

schmidtii Regel = **C. moorei**

stuhlmannii Baker

C. delagoense I. Verd. (18)

C. forbesii (Lindl.) Schult. & Schult.f., name rejected in part (17, 21)

Perennial. Geophyte. Ht 0.5–0.7 m. Alt 50–1450 m. N,
LIM, M, KZN

subcernuum Baker

C. crassicaule in sense of I. Verd., not of Baker (19, 25)

Perennial. Geophyte, hydrophyte. Ht 0.3–0.6 m. Alt 750–1150 m. N, B

variable (Jacq.) Herb.

Perennial. Geophyte, hydrophyte. Ht 0.4–0.6 m. Alt 600–1000 m. NC, WC

verdoorniae Lehmillier

Perennial. Geophyte. Ht 0.3–0.8 m. Alt ± 800 m. N

walteri Overkott = **C. minimum**

CROSSYNE Salisb. 1168010

(1) Milne-Redhead & Schweickerdt. 1939. *Journal of the Linnean Society, Botany* 52: 190.

(2) Snijman. 1983. *Journal of South African Botany* 49: 243–249.

(3) Müller-Doblies & Müller-Doblies. 1994. *Feddes Repertorium* 105: 331–363.

flava (W.F.Barker ex Snijman) D.Müll.-Doblies & U.Müll.-Doblies

Boophone flava W.F.Barker ex Snijman (3)

Perennial Geophyte. Ht 200–300 mm. Alt 500–750 m.
NC, WC

guttata (L.) D.Müll.-Doblies & U.Müll.-Doblies

Amaryllis guttata L. (3)

Boophone ciliaris (L.) Herb. (1)

Boophone guttata (L.) Herb. (1)

Perennial. Geophyte. Ht 150–200 mm. Alt 5–600 m. WC

CRYPTOSTEPHANUS Welw. 1199000
ex Baker

(1) Baker. 1878. *Journal of Botany N.S.* 7: 193–197.

(2) Schulze. 1941. *Botanische Jahrbücher* 71: 520–525.

(3) Nordal. 1983. *FTEA Amaryllidaceae*: 7–9.

densiflorus Welw. ex Baker

Perennial. Geophyte. Ht ± 250 mm. Alt? N

herrei F.M.Leight. = **Cyrtanthus herrei**

merenskyanus Dinter & G.M.Schulze = **Cyrtanthus herrei**

CYBISTETES Milne-Redh. & Schweick. 1190010

herrei (F.M.Leight.) D.Müll.-Doblies & U.Müll.-Doblies
= **Ammocharis longifolia**

longifolia (L.) Milne-Redh. & Schweick = **Ammocharis longifolia**.

CYRTANTHUS Aiton 1191000

(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: tt. 4, 25, 33, 35, 37.

(2) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 99.

(3) Phillips. 1924. *The Flowering Plants of South Africa* 4: tt. 144, 159.

(4) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 211.

(5) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 343.

(6) Dyer. 1934. *The Flowering Plants of South Africa* 14: t. 559.

(7) Phillips. 1934. *The Flowering Plants of South Africa* 14: t. 539

(8) Verdoorn. 1937. *The Flowering Plants of South Africa* 17: t. 680.

(9) Phillips. 1938. *The Flowering Plants of South Africa* 18: t. 693.

(10) Dyer. 1939. *Herbertia* 6: 65–103.

(11) Dyer. 1941. *The Flowering Plants of South Africa* 21: t. 807.

(12) Dyer. 1942. *The Flowering Plants of South Africa* 22: tt. 867, 868.

(13) Dyer. 1954. *The Flowering Plants of Africa* 30: t. 1163.

(14) Dyer. 1955. *The Flowering Plants of Africa* 30: t. 1182.

(15) Dyer. 1959. *The Flowering Plants of Africa* 33: tt. 1281, 1318.

(16) Bally 1962. *The Flowering Plants of Africa* 35: t. 1393.

(17) Dyer. 1962. *Bothalia* 8: 163.

(18) Traub. 1963. *Plant Life* 19: 58.

(19) Dyer. 1965. *The Flowering Plants of Africa* 37: tt. 1444, 1460.

(20) Killick. 1965. *The Flowering Plants of Africa* 37: t. 1442.

(21) Dyer. 1969. *The Flowering Plants of Africa* 39: t. 1545.

(22) Gordon-Gray & Wright. 1969. *Journal of South African Botany* 35: 35–62.

(23) Sölch. 1969. *FSWA* 150: 8.

(24) Dyer. 1971. *The Flowering Plants of Africa* 41: t. 1632.

(25) Dyer. 1972. *The Flowering Plants of Africa* 42: t. 1660.

(26) Traub. 1972. *Plant Life* 28: 66.

(27) Dyer. 1978. *The Flowering Plants of Africa* 44: t. 1756.

(28) Dyer. 1979. *The Flowering Plants of Africa* 45: t. 1787.

(29) Dyer. 1979. *Bothalia* 12: 627.

(30) Nordal. 1982. *FTEA Amaryllidaceae*: 23–26.

(31) Reid & Dyer. 1984. *A review of the southern African species of Cyrtanthus*.

(32) Hilliard & Burt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 189–191.

(33) Reid. 1993. *The Flowering Plants of Africa* 52: t. 2068.

(34) Snijman *et al.* 1995. *Flowering Plants of Africa* 54: t. 2120.

(35) Snijman. 1999. *Bothalia* 29: 258–263.

(36) Snijman. 2000. In Goldblatt & Manning, *Strelitzia* 9: 55–57.

(37) Snijman. 2001. *Bothalia* 31: 31–34.

(38) Snijman & Batten. 2003. *Flowering Plants of Africa* 58: 50–55, t. 2198.

(39) Snijman. Personal communication.

affinis R.A.Dyer = **C. loddigesianus**

angustifolius (L.f.) Aiton

Perennial. Geophyte. Ht 200–600 mm. Alt 30–1400 m. WC,
EC

attenuatus R.A.Dyer

Perennial. Geophyte. Ht ± 450 mm. Alt 2600–3000 m. FS, L

balenii E.Phillips = **C. galpinii**

bicolor R.A.Dyer

Perennial. Geophyte. Ht 50–250 mm. Alt ± 1200 m. M, S

brachyscyphus Baker

C. parviflorus Baker (31)

C. rectiflorus Baker (39)

Perennial. Geophyte. Ht ± 300 mm. Alt 15–60 m. KZN, EC

brachysiphon Hilliard & B.L.Burt

Perennial. Geophyte. Ht ± 160 mm. Alt ± 1300 m. KZN

breviflorus Harv.

Anoiganthus breviflorus (Harv.) Baker (22)

Anoiganthus luteus (Baker) Baker (22)

C. luteus Baker (22)

Perennial. Geophyte. Ht 75–200 mm. Alt 50–3000 m. LIM,
G, M, S, FS, KZN, L, EC

capensis Traub (superfluous name for *C. speciosus* R.A.Dyer)
= **C. loddigesianus**

carneus Lindl.

Perennial. Geophyte. Ht ± 750 mm. Alt 60–150 m. WC

clavatus (L'Hér.) R.A.Dyer

Perennial. Geophyte. Ht 80–200 mm. Alt 5–350 m. EC

collinus Ker Gawl.

Perennial. Geophyte. Ht ± 300 mm. Alt ± 900 m. WC, EC

contractus N.E.Br.

Perennial. Geophyte. Ht 200–400 mm. Alt 1200–1800 m. G,
M, S, FS, KZN, EC

- debilis** Snijman
Perennial. Geophyte. Ht ± 150 mm. Alt ± 1000 m. WC
- elatus** (Jacq.) Traub
C. purpureus (Aiton) Traub (32)
C. speciosus (L.f.) Traub, illegitimate name (32)
Vallota purpurea (Aiton) Herb. (32)
Vallota speciosa (L.f.) T.Durand & Schinz (32)
Perennial. Geophyte. Ht 200–450 mm. Alt 600–1200 m.
WC, EC
- epiphyticus** J.M. Wood
Perennial. Geophyte, epiphyte. Ht 300–500 mm. Alt 1800–2500 m. KZN, L, EC
- erubescens** Killick
Perennial. Geophyte. Ht 200–600 mm. Alt 2000–2750 m.
KZN
- eucallus** R.A.Dyer
Perennial. Geophyte. Ht 300–500 mm. Alt? M
- falcatus** R.A.Dyer
Perennial. Geophyte. Ht 250–300 mm. Alt 1100–1800 m.
KZN
- fergusoniae** L.Bolus
Perennial. Geophyte. Ht ± 300 mm. Alt 15–180 m. WC
- flammosus** Snijman & Van Jaarsv.
Perennial. Geophyte. Ht ± 200 mm. Alt ± 300 m. EC
- flanagani** Baker
Perennial. Geophyte. Ht ± 200 mm. Alt 2750–3000 m. FS,
KZN, L, EC
- flavus** P.E.Barnes
Perennial. Geophyte. Ht ± 250 mm. Alt ± 200 m. EC
- galpinii** Baker
C. balenii E.Phillips (31)
Perennial. Geophyte. Ht ± 200 mm. Alt 450–1200 m. M,
S, KZN
- guthrieae** L.Bolus
Perennial. Geophyte. Ht ± 150 mm. Alt ± 120 m. WC
- helictus** Lehm.
Perennial. Geophyte. Ht 100–200 mm. Alt 450–1300 m.
EC
- herrei** (F.M.Leight.) R.A.Dyer
Cryptostephanus herrei F.M.Leight. (15)
Cryptostephanus merenskyanus Dinter & G.M.Schulze (23)
Perennial. Geophyte. Ht 300–450 mm. Alt ± 400 m. N, NC
- huttonii** Baker
Perennial. Geophyte. Ht 500–600 mm. Alt ± 2000 m. M,
EC
- inaequalis** O'Brien
Perennial. Geophyte. Ht ± 300 mm. Alt? WC
- junodii** P.Beauv. (insufficiently known) (31)
- labiatus** R.A.Dyer
Perennial. Geophyte. Ht ± 300 mm. Alt 550–900 m. EC
- leptosiphon** Snijman
Perennial. Geophyte. Ht 200–300 mm. Alt ± 120 m. WC
- leucanthus** Schltr.
Perennial. Geophyte. Ht ± 300 mm. Alt 15–250 m. WC
- loddigesianus** (Herb.) R.A.Dyer
C. affinis R.A.Dyer (29)
C. capensis Traub (superfluous name for *C. speciosus* R.A.Dyer) (32)
C. speciosus R.A.Dyer (36)
Perennial. Geophyte. Ht 80–300 mm. Alt 15–600 m. EC
- lutescens* Herb. = **C. ochroleucus**
lutescens Herb. var. *cooperi* Baker = **C. mackenii** var. *cooperi*
luteus Baker = **C. breviflorus**
- mackenii** Hook.f. var. **cooperi** (Baker) R.A.Dyer
C. lutescens Herb. var. *cooperi* Baker
Perennial. Geophyte. Ht 200–300 mm. Alt 15–600 m.
KZN, EC
- mackenii** Hook.f. var. **mackenii**
Perennial. Geophyte. Ht 200–300 mm. Alt 15–600 m.
KZN, EC
- macowanii** Baker
Perennial. Geophyte. Ht 150–300 mm. Alt 1300–2000 m.
M, KZN, EC
- montanus** R.A.Dyer
Perennial. Geophyte. Ht ± 250 mm. Alt? EC
- nutans** R.A.Dyer
Perennial. Geophyte. Ht 150–200 mm. Alt ± 1100 m. S,
KZN
- obliquus** (L.f.) Aiton
Perennial. Geophyte. Ht 200–600 mm. Alt 100–850 m.
KZN, WC, EC
- obrienii** Baker
Perennial. Geophyte. Ht 150–300 mm. Alt? KZN, EC
- ochroleucus** (Herb.) Burch. ex Steud.
C. lutescens Herb. (10)
Perennial. Geophyte. Ht ± 300 mm. Alt 200–600 m. WC
- odorus** Ker Gawl.
Perennial. Geophyte. Ht ± 300 mm. Alt 120–335 m. WC
- pallidus* Sims = **C. ventricosus**
parviflorus Baker = **C. brachyscyphus**
purpureus (Aiton) Traub = **C. elatus**
rectiflorus Baker = **C. brachyscyphus**
- rhododactylus** Stapf (insufficiently known) (31)
- rotundilobus** N.E.Br.
Perennial. Geophyte. Ht 150–300 mm. Alt ± 1800 m. EC
- sanguineus** (Lindl.) Walp. subsp. **sanguineus**
Perennial. Geophyte. Ht 300–400 mm. Alt 15–600 m.
KZN, EC
- smithiae** Watt ex Harv.
Perennial. Geophyte. Ht 150–300 mm. Alt ± 300 m. EC
- speciosus* (L.f.) Traub, illegitimate name = **C. elatus**
speciosus R.A.Dyer = **C. loddigesianus**
- spiralis** Burch. ex Ker Gawl.
Perennial. Geophyte. Ht ± 300 mm. Alt 100–400 m. EC
- staadensis** Schönland
Perennial. Geophyte. Ht ± 400 mm. Alt ± 600 m. EC
- stenanthus** Baker var. **major** R.A.Dyer
Perennial. Geophyte. Ht 200–300 mm. Alt 1800–2400 m.
LIM, M, S, FS, KZN
- stenanthus** Baker var. **stenanthus**
Perennial. Geophyte. Ht 200–300 mm. Alt 1800–2400 m.
M, FS, KZN, L
- striatus** Herb. (insufficiently known) (31)
- suaveolens** Schönland
Perennial. Geophyte. Ht 150–200 mm. Alt ± 1500 m. EC
- thorncroftii** C.H.Wright
Perennial. Geophyte. Ht ± 250 mm. Alt? LIM, M
- tuckii** Baker var. **transvaalensis** I.Verd.
Perennial. Geophyte. Ht 300–450 mm. Alt ± 1500 m.
LIM, G, M, S, KZN

tuckii Baker var. **tuckii**

Perennial. Geophyte. Ht 300–450 mm. Alt? M, KZN, EC

tuckii Baker var. **viridilobus** I. Verd.

Perennial. Geophyte. Ht 300–450 mm. Alt? FS, KZN, EC

ventricosus Willd.*C. pallidus* Sims (36)

Perennial. Geophyte. Ht 100–250 mm. Alt 60–1000 m. WC, EC

wellandii Snijman

Perennial. Geophyte. Ht 200–400 mm. Alt ± 150 m. EC

DEWINTERELLA D.Müll.-Doblies 1179010 & U.Müll.-Doblies*mathewsii* (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies = **Hessea mathewsii***pulcherrima* (D.Müll.-Doblies & U.Müll.-Doblies) D.Müll.-Doblies & U.Müll.-Doblies = **Hessea pulcherrima****GEMMARIA** D.Müll.-Doblies & U.Müll.-Doblies 1166030*chaplinii* (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria chaplinii***discifera* (Marloth ex Snijman) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria discifera** subsp. **discifera***gemmata* (Ker Gawl.) Salisb. ex D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria gemmata***karooica* (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria karooica***karooportensis* D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria karooportensis***leipoldtii* (L.Bolus) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria leipoldtii***massoniella* D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria massoniella***mathewsii* (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies = **Hessea mathewsii***merxmulleriana* D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria merxmulleriana***pulcherrima* D.Müll.-Doblies & U.Müll.-Doblies = **Hessea pulcherrima***unguiculata* (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria unguiculata****GETHYLLIS** L. 1186000(1) Baker. 1896. *FC* 6: 193–196.(2) Bolus. 1929. *Journal of Botany* 67: 135–139.(3) Marloth. 1931. *South African Gardening & Country Life* 21: 40, 41.(4) Bolus. 1932. *South African Gardening & Country Life* 22: 83–88.(5) Bolus. 1933. *Journal of Botany* 71: 122.(6) Schulze. 1941. *Botanische Jahrbücher* 71: 521.(7) Leighton. 1947. *The Flowering Plants of Africa* 26: t. 1018.(8) Obermeyer. 1964. *The Flowering Plants of Africa* 36: t. 1428.(9) Obermeyer. 1972. *The Flowering Plants of Africa* 42: tt. 1649, 1650.(10) Obermeyer. 1980. *Bothalia* 13: 136.(11) Müller-Doblies. 1986. *Willdenowia* 15: 465–471.(12) Snijman. 2000. In Goldblatt & Manning, *Strelitzia* 9: 57, 58.

(13) Snijman. Personal communication.

afra L.*G. pusilla* Baker (11)

Perennial. Geophyte. Ht 100–140 mm. Alt 75–200 m. WC

angelicae Dinter & G.M.Schulze = **G. namaquensis****barkerae** D.Müll.-Doblies subsp. **barkerae**

Perennial. Geophyte. Ht 30–150 mm. Alt ± 400 m. WC

barkerae D.Müll.-Doblies subsp. **paucifolia** D.Müll.-Doblies

Perennial. Geophyte. Ht 30–150 mm. Alt? WC

britteniana Baker subsp. **britteniana**

Perennial. Geophyte. Ht 150–250 mm. Alt 150–800 m. NC, WC

britteniana Baker subsp. **bruynsii** D.Müll.-Doblies (insufficiently known) (13)**britteniana** Baker subsp. **herrei** (L.Bolus) D.Müll.-Doblies*G. herrei* L.Bolus (11)

Perennial. Geophyte. Ht 70–100 mm. Alt? NC

campanulata L.Bolus*G. multifolia* L.Bolus (12)

Perennial. Geophyte. Ht 250–300 mm. Alt 250–800 m. NC, WC

cavidens D.Müll.-Doblies (insufficiently known) (13)**ciliaris** (Thunb.) Thunb. subsp. **ciliaris***G. undulata* Herb. (12)

Perennial. Geophyte. Ht 150–300 mm. Alt ± 250 m. WC

ciliaris (Thunb.) Thunb. subsp. **longituba** (L.Bolus) D.Müll.-Doblies*G. longituba* L.Bolus (11)

Perennial. Geophyte. Ht 150–300 mm. Alt ± 150 m. WC

fimbriatula D.Müll.-Doblies

Perennial. Geophyte. Ht 20–40 mm. Alt? WC

grandiflora L.Bolus

Perennial. Geophyte. Ht ± 140 mm. Alt? NC

gregoriana D.Müll.-Doblies

Perennial. Geophyte. Ht ± 150 mm. Alt 150–800 m. NC, WC

hallii D.Müll.-Doblies

Perennial. Geophyte. Ht 120–200 mm. Alt ± 350 m. WC

heinzeana D.Müll.-Doblies (insufficiently known) (13)*herrei* L.Bolus = **G. britteniana** subsp. **herrei****kaapensis** D.Müll.-Doblies

Perennial. Geophyte. Ht 100–150 mm. Alt ± 60 m. WC

lanuginosa Marloth

Perennial. Geophyte. Ht 40–100 mm. Alt 20–900 m. NC, WC

lata L.Bolus subsp. **lata**

Perennial. Geophyte. Ht 30–40 mm. Alt ± 700 m. NC, WC

lata L.Bolus subsp. **orbicularis** D.Müll.-Doblies

Perennial. Geophyte. Ht 30–40 mm. Alt? NC

latifolia Masson ex Baker

Perennial. Geophyte. Ht ± 120 mm. Alt? NC, WC

linearis L.Bolus

Perennial. Geophyte. Ht 20–50 mm. Alt 140–450 m. NC, WC

longistyla Bolus

Perennial. Geophyte. Ht 70–100 mm. Alt? WC

longituba L.Bolus = **G. ciliaris** subsp. **longituba****marginata** D.Müll.-Doblies (insufficiently known) (12)*multifolia* L.Bolus = **G. campanulata****namaquensis** (Schönland) Oberm.*G. angelicae* Dinter & G.M.Schulze (11)*Klingia namaquensis* Schönland (10)

- Perennial. Geophyte. Ht ± 150 mm. Alt ± 600 m. N, NC
oligophylla D.Müll.-Doblies (insufficiently known) (12)
oliverorum D.Müll.-Doblies (insufficiently known) (12)
pectinata D.Müll.-Doblies
 Perennial. Geophyte. Ht ± 75 mm. Alt ± 800 m. NC
polyanthera Sol. ex Britten, superfluous name (11)
pusilla Baker = **G. afra**
roggeveldensis D.Müll.-Doblies
 Perennial. Geophyte. Ht ± 75 mm. Alt ± 1000 m. NC
setosa Marloth
 Perennial. Geophyte. Ht ± 50 mm. Alt ± 1000 m. NC
spiralis (Thunb.) Thunb.
G. unilateralis L.Bolus (11)
 Perennial. Geophyte. Ht 50–150 mm. Alt? WC, EC
transkarooica D.Müll.-Doblies
 Perennial. Geophyte. Ht 50–150 mm. Alt? B, NW, FS,
 NC, WC, EC
undulata Herb. = **G. ciliaris** subsp. **ciliaris**
unilateralis L.Bolus = **G. spiralis**
uteana D.Müll.-Doblies
 Perennial. Geophyte. Ht ± 50 mm. Alt ± 1000 m. WC
verrucosa Marloth
 Perennial. Geophyte. Ht 50–80 mm. Alt 75–400 m. NC,
 WC
verticillata R.Br. ex Herb.
 Perennial. Geophyte. Ht 100–300 mm. Alt 200–1200 m.
 NC, WC
villosa (Thunb.) Thunb.
 Perennial. Geophyte. Ht 30–150 mm. Alt 75–600 m. NC,
 WC

***HABRANTHUS** Herb. 1181010

- (1) Herbert. 1824. *Curtis's Botanical Magazine* 51: t. 2426.
 (2) Sealy. 1937. *Journal of the Royal Horticultural Society* 62: 195–209.
 (3) Uphof. 1946. *Herbertia* 13: 93–97.

- robustus** Herb.
 Perennial. Geophyte. Ht ± 300 mm. Alt? KZN

HAEMANTHUS L. 1167000

- (1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 32.
 (2) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 136.
 (3) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 190.
 (4) Phillips. 1934. *The Flowering Plants of South Africa* 14: t. 531.
 (5) Phillips. 1938. *The Flowering Plants of South Africa* 18: t. 695.
 (6) Dyer. 1940. *The Flowering Plants of South Africa* 20: t. 793.
 (7) Van Druten. 1956. *The Flowering Plants of Africa* 31: t. 1239.
 (8) Van Druten. 1957. *The Flowering Plants of Africa* 32: t. 1257.
 (9) Verdoorn. 1976. *The Flowering Plants of Africa* 43: t. 1681.
 (10) Obermeyer. 1979. *The Flowering Plants of Africa* 46: t. 1803.
 (11) Snijman. 1982. *Journal of South African Botany* 48: 93–103.
 (12) Snijman. 1984. *Journal of South African Botany* Suppl. 12: 1–139.
 (13) Snijman & Van Wyk. 1993. *South African Journal of Botany* 59:
 247–250.
 (14) Snijman & Weber. 1994. *Flowering Plants of Africa* 53: t. 2095.

- albiflos** Jacq.
H. albomaculatus Baker (12)
 Perennial. Geophyte. Ht 75–350 mm. Alt 15–1200 m. KZN,
 WC, EC

albomaculatus Baker = **H. albiflos**

amarylloides in sense of Baker, not of Jacq., misapplied
 name = **H. montanus**

amarylloides Jacq. subsp. **amarylloides**

Perennial. Geophyte. Ht 150–250 mm. Alt 350–750 m.
 NC, WC

amarylloides Jacq. subsp. **polyanthus** Snijman
 Perennial. Geophyte. Ht 140–340 mm. Alt 800–1200 m.
 NC

amarylloides Jacq. subsp. **toximontanus** Snijman
 Perennial. Geophyte. Ht 100–200 mm. Alt ± 700 m. WC

avasmontanus Dinter
 Perennial. Geophyte. Ht 250–350 mm. Alt? N

barkeriae Snijman
 Perennial. Geophyte. Ht ± 200 mm. Alt 300–900 m. NC

baurii Baker = **H. deformis**

canaliculatus Levyns
 Perennial. Geophyte. Ht ± 200 mm. Alt ± 30 m. WC

carneus Ker Gawl.
 Perennial. Geophyte. Ht 100–275 mm. Alt 300–1200 m.
 FS, KZN, EC

coccineus L.
H. concolor Herb. (12)
H. moschatus Jacq. (12)
H. splendens Dinter (12)
H. tigrinus Jacq. (12)
 Perennial. Geophyte. Ht 200–400 mm. Alt 15–1200 m.
 N, NC, WC, EC

concolor Herb. = **H. coccineus**

crispus Snijman
H. undulatus Herb. (12)
 Perennial. Geophyte. Ht 100–150 mm. Alt 350–900 m.
 NC, WC

dasyphyllus Snijman
 Perennial. Geophyte. Ht 100–250 mm. Alt ± 900 m. NC

deformis Hook.f.
H. baurii Baker (12)
H. mackenii Baker (12)
 Perennial. Geophyte. Ht ± 100 mm. Alt 300–1000 m. KZN,
 EC

graniticus Snijman
 Perennial. Geophyte. Ht ± 250 mm. Alt 600–1150 m. NC

hirsutus Baker = **H. humilis** subsp. **hirsutus**

humilis Jacq. subsp. **hirsutus** (Baker) Snijman
H. hirsutus Baker (12)
 Perennial. Geophyte. Ht 200–350 mm. Alt 1220–2100 m.
 G, M, S, FS, KZN, L, EC

humilis Jacq. subsp. **humilis**
H. nelsonii Baker (12)
 Perennial. Geophyte. Ht 50–350 mm. Alt 460–1400 m.
 B, LIM, NW, G, FS, NC, EC

incarnatus Burch. ex Herb. = **H. sanguineus**

katharinae Baker = **Scadoxus multiflorus** subsp. **katharinae**

lanceifolius Jacq.
 Perennial. Geophyte. Ht 100–200 mm. Alt 150–250 m.
 NC, WC

mackenii Baker = **H. deformis**

magnificus Herb. = **Scadoxus puniceus**

membranaceus Baker = **Scadoxus membranaceus**

montanus Baker
H. amarylloides in sense of Baker, not of Jacq., misapplied name (12)
 Perennial. Geophyte. Ht 150–250 mm. Alt? B, NW, G, M,
 FS, KZN, EC

moschatus Jacq. = **H. coccineus**

multiflorus Martyn = **Scadoxus multiflorus** subsp. **multiflorus**

namaquensis R.A.Dyer

Perennial. Geophyte. Ht ± 200 mm. Alt 300–900 m. N, NC
natalensis Pappe ex Hook. = **Scadoxus puniceus**

nelsonii Baker = **H. humilis** subsp. **humilis**

nortieri Isaac

Perennial. Geophyte. Ht 200–300 mm. Alt ± 400 m. WC
otaviensis Dinter = **Scadoxus multiflorus** subsp. **multiflorus**

pauculifolius Snijman & A.E.van Wyk

Perennial. Geophyte. Ht ± 150 mm. Alt 600–900 m. M, S

pubescens L.f. subsp. **arenicola** Snijman

Perennial. Geophyte. Ht ± 200 mm. Alt ± 200 m. N, NC

pubescens L.f. subsp. **leipoldtii** Snijman

Perennial. Geophyte. Ht ± 200 mm. Alt 150–250 m. WC

pubescens L.f. subsp. **pubescens**

Perennial. Geophyte. Ht 100–200 mm. Alt 0–300 m. WC

pumilio Jacq.

Perennial. Geophyte. Ht 100–200 mm. Alt 100–150 m. WC
puniceus L. var. *membranaceus* (Baker) Baker = **Scadoxus membranaceus**

puniceus L. var. *puniceus* = **Scadoxus puniceus**

rotundifolius Ker Gawl. = **H. sanguineus**

sacculus E.Phillips = **Scadoxus multiflorus** subsp. **multiflorus**

sanguineus Jacq.

H. incarnatus Burch. ex Herb. (12)

H. rotundifolius Ker Gawl. (12)

Perennial. Geophyte. Ht 150–250 mm. Alt 15–1200 m. WC, EC

splendens Dinter = **H. coccineus**

tigrinus Jacq. = **H. coccineus**

tristis Snijman

Perennial. Geophyte. Ht ± 100 mm. Alt ± 300 m. WC
undulatus Herb. = **H. crispus**

unifoliatus Snijman

Perennial. Geophyte. Ht ± 150 mm. Alt 300–1200 m. NC

HESSEA Herb.

1166000

(1) Baker. 1896. *FC* 6: 189–244.

(2) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 43.

(3) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 120.

(4) Barker. 1931. *The Flowering Plants of South Africa* 11: t. 404.

(5) Leighton. 1948. *Journal of South African Botany* 14: 81–83.

(6) Obermeyer. 1964. *The Flowering Plants of Africa* 36: t. 1413.

(7) Müller-Doblies & Müller-Doblies. 1985. *Botanische Jahrbücher* 107: 17–47.

(8) Snijman. 1989. *South African Journal of Botany* 55: 349–357.

(9) Müller-Doblies & Müller-Doblies. 1992. *Gleditschia* 20: 15–20.

(10) Snijman. 1992. *Bothalia* 22: 1–11.

(11) Müller-Doblies & Müller-Doblies. 1994. *Feddes Repertorium* 105: 331–363.

(12) Snijman. 1994. *Contributions from the Bolus Herbarium* 16: 1–162.

(13) Snijman. 1999. *Novon* 9: 107–110.

(14) Snijman. 2000. In Goldblatt & Manning, *Strelitzia* 9: 705.

(15) Meerow & Snijman. 2001. *American Journal of Botany* 88: 2321–2330.

bachmanniana Schinz = **H. breviflora**

brachyscypha Baker = **H. breviflora**

breviflora Herb.

H. bachmanniana Schinz (12)

H. brachyscypha Baker (20)

H. dregeana Kunth (7)

H. longituba D.Müll.-Doblies & U.Müll.-Doblies (12)

H. zeyheri Baker (12)

Periphanes brachyscypha (Baker) F.M.Leight. (12)

Periphanes dregeana (Kunth) F.M.Leight. (7)

Periphanes zeyheri (Baker) F.M.Leight. (12)

Perennial. Geophyte. Ht 100–220 mm. Alt 60–900 m. NC, WC

bruce-bayeri (D.Müll.-Doblies & U.Müll.-Doblies) Snijman = **Namaquanula bruce-bayeri**

chaplinii W.F.Barker = **Strumaria chaplinii**

cinnabarina D.Müll.-Doblies & U.Müll.-Doblies = **H. stellaris**

cinnamomea (L'Hér.) T.Durand & Schinz

H. crispa (Jacq.) Kunth (5)

Periphanes cinnamomea (L'Hér.) F.M.Leight. (7)

Perennial. Geophyte. Ht ± 100 mm. Alt 15–200 m. WC

crispa (Jacq.) Kunth = **H. cinnamomea**

dregeana Kunth = **H. breviflora**

filifolia (Jacq. ex Willd.) Benth. & Hook. = **Strumaria tenella** subsp. **tenella**

gemmata (Ker Gawl.) Benth. & Hook. = **Strumaria gemmata**

incana Snijman

Perennial. Geophyte. Ht 100–150 mm. Alt ± 900 m. NC

karooica W.F.Barker = **Strumaria karooica**

leipoldtii L.Bolus = **Strumaria leipoldtii**

longituba D.Müll.-Doblies & U.Müll.-Doblies = **H. breviflora**

mathewsii W.F.Barker

Dewinterella mathewsii (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies (14)

Gemmaria mathewsii (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies (12)

Perennial. Geophyte. Ht ± 150 mm. Alt ± 80 m. WC

monticola Snijman

Perennial. Geophyte. Ht 100–200 mm. Alt ± 900 m. WC

pilosula D.Müll.-Doblies & U.Müll.-Doblies

Perennial. Geophyte. Ht 100–120 mm. Alt ± 900 m. NC

pulcherrima (D.Müll.-Doblies & U.Müll.-Doblies) Snijman

Dewinterella pulcherrima (D.Müll.-Doblies & U.Müll.-Doblies) D.Müll.-Doblies & U.Müll.-Doblies (14)

Gemmaria pulcherrima D.Müll.-Doblies & U.Müll.-Doblies (12)

Perennial. Geophyte. Ht ± 100 mm. Alt 250–750 m. NC, WC

pusilla Snijman

Perennial. Geophyte. Ht ± 120 mm. Alt ± 800 m. NC

rehmannii Baker = **Nerine rehmannii**

speciosa Snijman

Perennial. Geophyte. Ht ± 150 mm. Alt ± 900 m. N, NC

spiralis Baker, illegitimate name = **Strumaria pygmaea**

stellaris (Jacq.) Herb.

H. cinnabarina D.Müll.-Doblies & U.Müll.-Doblies (12)

H. weberlingiorum D.Müll.-Doblies & U.Müll.-Doblies (12)

Periphanes stellaris (Jacq.) Salisb. (12)

Perennial. Geophyte. Ht ± 150 mm. Alt ± 500 m. NC, WC

stenosiphon (Snijman) D.Müll.-Doblies & U.Müll.-Doblies

Kamiesbergia stenosiphon Snijman (9)

Perennial. Geophyte. Ht ± 150 mm. Alt 800–1200 m. NC

tenella (L.f.) Oberm. = **Strumaria tenella** subsp. **tenella**

tenuipedicellata Snijman

Perennial. Geophyte. Ht ± 150 mm. Alt ± 550 m. WC

undosa Snijman

Perennial. Geophyte. Ht 150–200 mm. Alt ± 700 m. WC

unguiculata W.F.Barker = **Strumaria unguiculata**

weberlingiorum D.Müll.-Doblies & U.Müll.-Doblies =

H. stellaris

zeyheri Baker = **H. breviflora**

KAMIESBERGIA Snijman 1166045

stenosiphon Snijman = **Hessea stenosiphon**

KLINGIA Schönland 1186010

namaquensis Schönland = **Gethyllis namaquensis**

NAMAQUANULA D.Müll.-Doblies 1166040
& U.Müll.-Doblies

(1) Müller-Doblies & Müller-Doblies. 1985. *Botanische Jahrbücher* 107: 17–47.

(2) Snijman. 1999. *Novon* 9: 107–110.

(3) Meerow & Snijman. 2001. *American Journal of Botany* 88: 2321–2330.

bruce-bayeri D.Müll.-Doblies & U.Müll.-Doblies

Hessea bruce-bayeri (D.Müll.-Doblies & U.Müll.-Doblies) Snijman (3)

N. etesionamibensis D.Müll.-Doblies & U.Müll.-Doblies (2)

Perennial. Geophyte. Ht 75–100 mm. Alt ± 100 m. N, NC

etesionamibensis D.Müll.-Doblies & U.Müll.-Doblies =

N. bruce-bayeri

NERINE Herb. 1175000

(1) Durand & Schinz. 1894. *Conspectus florae aëricæ*: 255–258.

(2) Baker. 1896. *FC* 6: 209–215.

(3) Bolus. 1923. *Annals of the Bolus Herbarium* 3: 79.

(4) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 120.

(5) Phillips. 1924. *The Flowering Plants of South Africa* 4: tt. 132, 134, 139.

(6) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 355.

(7) Bolus. 1930. *South African Gardening & Country Life* 20: 147, 148.

(8) Barker. 1932. *South African Gardening & Country Life* 22: 137.

(9) Barker. 1933. *The Flowering Plants of South Africa* 13: t. 511.

(10) Barker. 1935. *The Flowering Plants of South Africa* 15: tt. 561–570.

(11) Dyer. 1937. *The Flowering Plants of South Africa* 17: t. 679.

(12) Phillips. 1937. *The Flowering Plants of South Africa* 17: t. 658.

(13) Bolus. 1938. *The Flowering Plants of South Africa* 18: tt. 683, 691.

(14) Dyer. 1942. *The Flowering Plants of South Africa* 22: t. 841.

(15) Dyer. 1951. *The Flowering Plants of Africa* 28: t. 1118.

(16) Dyer. 1952. *The Flowering Plants of Africa* 29: t. 1130.

(17) Sealy. 1955. *Curtis's Botanical Magazine* N.S. 170: t. 244

(18) Van Druten. 1956. *The Flowering Plants of Africa* 31: t. 1211.

(19) Traub. 1967. *Plant Life* 23: 1–32.

(20) Douglas. 1968. *Journal of South African Botany* 34: 5–7.

(21) McNeil. 1971. *Journal of South African Botany* 37: 267, 268.

(22) Norris. 1974. *Nerine Society Bulletin* 6: 1–31.

(23) Douglas. 1985. *Bothalia* 15: 545, 546.

(24) Snijman. 1995. *Novon* 5: 103–105.

(25) Hilton-Taylor. 1997. *Bothalia* 27: 202.

(26) Archer *et al.* 1997. *Flowering Plants of Africa* 55: t. 2127.

(27) Obermeyer. Personal communication.

(28) Archer. Personal communication.

(29) Snijman. Personal communication.

alta W.F.Barker = **N. undulata**

angulata L.Bolus = **N. angustifolia**

angustifolia (Baker) Baker

N. angulata L.Bolus (17)

Perennial. Geophyte. Ht ± 550 mm. Alt? G, M, S, FS, KZN, L, EC

appendiculata Baker

N. brachystemon Baker (27)

Perennial. Geophyte. Ht 500–600 mm. Alt ± 1800 m.

KZN, EC

bowdenii Watson

N. bowdenii Watson subsp. *wellsii* C.A.Norris (28)

Perennial. Geophyte. Ht 500–700 mm. Alt 2500–3000 m.

FS, KZN, EC

bowdenii Watson subsp. *wellsii* C.A.Norris = **N. bowdenii**

brachystemon Baker = **N. appendiculata**

breachiae W.F.Barker = **N. humilis**

curvifolia Jacq. = **N. sarniensis**

duparquetiana Baker = **N. laticoma**

falcata W.F.Barker = **N. laticoma**

filamentosa W.F.Barker

Perennial. Geophyte. Ht ± 300 mm. Alt 800–1200 m. EC

filifolia Baker

N. filifolia Baker var. *parviflora* W.F.Barker (27)

N. parviflora (W.F.Barker) Traub (27)

Perennial. Geophyte. Ht ± 300 mm. Alt? EC

filifolia Baker var. *parviflora* W.F.Barker = **N. filifolia**

flexuosa (Jacq.) Herb. in part = **N. humilis**

flexuosa (Jacq.) Herb. in part = **N. undulata**

frithii L.Bolus

Perennial. Geophyte. Ht ± 200 mm. Alt? NW, FS, NC

gaberonensis Bremek. & Oberm.

Perennial. Geophyte. Ht ± 250 mm. Alt? B, LIM, NW, NC

gibsonii Douglas

Perennial. Geophyte. Ht ± 300 mm. Alt 1500–1800 m. EC

gracilis R.A.Dyer

Perennial. Geophyte. Ht ± 200 mm. Alt? G, M

hesseoides L.Bolus

Perennial. Geophyte. Ht ± 200 mm. Alt? NW, FS, NC

humilis (Jacq.) Herb.

N. breachiae W.F.Barker (22)

N. flexuosa (Jacq.) Herb. in part (23)

N. peersii W.F.Barker (22)

N. pulchella Herb. (23)

N. tulbaghensis W.F.Barker (23)

Perennial. Geophyte. Ht 150–350 mm. Alt 45–1300 m.

WC, EC

huttoniae Schönland

Perennial. Geophyte. Ht ± 250 mm. Alt? EC

krigei W.F.Barker

Perennial. Geophyte. Ht ± 400 mm. Alt? G, M

laticoma (Ker Gawl.) T.Durand & Schinz

N. duparquetiana Baker (27)

N. falcata W.F.Barker (19)

N. lucida (Herb.) Herb. (19)

Perennial. Geophyte. Ht ± 300 mm. Alt? N, B, LIM, NW,

FS, NC

lucida (Herb.) Herb. = **N. laticoma**

marincowitzii Snijman

Perennial. Geophyte. Ht ± 200 mm. Alt ± 700 m. WC

masoniorum L.Bolus

Perennial. Geophyte. Ht ± 220 mm. Alt? EC

pancratioides Baker

N. schlechteri Baker (29)

Perennial. Geophyte. Ht ± 600 mm. Alt ± 2000 m. KZN

- parviflora* (W.F.Barker) Traub = **N. filifolia**
peersii W.F.Barker = **N. humilis**
platypetala McNeil
 Perennial. Geophyte. Ht ± 400 mm. Alt 1500–1800 m. M
pudica Hook. f.
 Perennial. Geophyte. Ht 250–350 mm. Alt ± 750 m. WC
pulchella Herb. = **N. humilis**
pusilla Dinter
 Perennial. Geophyte. Ht ± 200 mm. Alt? N
rehmannii (Baker) L.Bolus
Hessea rehmannii Baker (7)
 Perennial. Geophyte. Ht ± 200 mm. Alt ± 1800 m. G, M, S
ridleyi Phillips
 Perennial. Geophyte. Ht 350–700 mm. Alt ± 1400 m. WC
sarniensis (L.) Herb.
N. curvifolia Jacq. (19)
 Perennial. Geophyte. Ht 250–450 mm. Alt 45–1000 m. WC
schlechteri Baker = **N. pancratioides**
transvaalensis L.Bolus (insufficiently known)
tulbaghensis W.F.Barker = **N. humilis**
undulata (L.) Herb.
N. alta W.F.Barker (27)
N. flexuosa (Jacq.) Herb. in part (29)
 Perennial. Geophyte. Ht ± 300 mm. Alt 400–1400 m. EC

PANCRATIUM L. 1202000

- (1) Björnstad. 1973. *Norwegian Journal of Botany* 20: 281–291.
 (2) Merxmüller. 1969. *FSWA* 150: 12, 13.
chapmannii Harv. = **P. tenuifolium**
tenuifolium Hochst. ex A.Rich.
Chapmanolirion juttae Dinter (1)
P. chapmannii Harv. (1)
P. trianthum in sense of Baker, not of Herb., misapplied name (1)
 Perennial. Geophyte. Ht 300–400 mm. Alt? N, B, LIM, NC
trianthum in sense of Baker, not of Herb., misapplied name
 = **P. tenuifolium**

PERIPHANES Salisb. 1166020

- brachyscypha* (Baker) F.M.Leight. = **Hessea breviflora**
cinnamomea (L'Hér.) F.M.Leight. = **Hessea cinnamomea**
dregeana (Kunth) F.M.Leight. = **Hessea breviflora**
gemmata (Ker Gawl.) F.M.Leight. = **Strumaria gemmata**
karooica (W.F.Barker) F.M.Leight. = **Strumaria karooica**
leipoldtii (L.Bolus) F.M.Leight. = **Strumaria leipoldtii**
spiralis (Baker) F.M.Leight. = **Strumaria pygmaea**
stellaris (Jacq.) Salisb. = **Hessea stellaris**
strumosa (Aiton) F.M.Leight. = **Strumaria tenella** subsp.
tenella
unguiculata (W.F.Barker) F.M.Leight. = **Strumaria unguiculata**
zeyheri (Baker) F.M.Leight. = **Hessea breviflora**

SCADOXUS Raf. 1167010

- (1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 32.
 (2) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 136.
 (3) Phillips. 1934. *The Flowering Plants of South Africa* 14: t. 531.
 (4) Björnstad & Friis. 1974. *Norwegian Journal of Botany* 21: 243–275.
 (5) Verdoorn. 1974. *The Flowering Plants of Africa* 43: t. 1681.
 (6) Friis & Nordal. 1976. *Norwegian Journal of Botany* 23: 63–77.

- membranaceus** (Baker) Friis & Nordal
Haemanthus membranaceus Baker (6)
Haemanthus puniceus L. var. *membranaceus* (Baker) Baker (4)
 Perennial. Geophyte. Ht 300–500 mm. Alt? KZN, EC
multiflorus (Martyn) Raf. subsp. **katharinae** (Baker) Friis & Nordal
Haemanthus katharinae Baker (6)
 Perennial. Geophyte. Ht 0.75–1.2 m. Alt? M, S, KZN, EC
multiflorus (Martyn) Raf. subsp. **multiflorus**
Haemanthus multiflorus Martyn (6)
Haemanthus otaviensis Dinter (4)
Haemanthus sacculus E.Phillips (4)
 Perennial. Geophyte. Ht 0.5–1 m. Alt? N, B, LIM, M, S, KZN
puniceus (L.) Friis & Nordal
Haemanthus magnificus Herb. (4)
Haemanthus natalensis Pappe ex Hook. (4)
Haemanthus puniceus L. var. *puniceus* (6)
 Perennial. Geophyte. Ht 0.5–0.75 m. Alt 15–2100 m. B, LIM, NW, G, M, S, FS, KZN, EC

STRUMARIA Jacq. ex Willd. 1171000

- (1) Baker. 1896. *FC* 6: 215–217.
 (2) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 127.
 (3) Barker. 1930. *The Flowering Plants of South Africa* 10: t. 398.
 (4) Merxmüller. 1969. *FSWA* 150: 13, 14.
 (5) Obermeyer. 1981. *Bothalia* 13: 435.
 (6) Müller-Doblies & Müller-Doblies. 1985. *Botanische Jahrbücher* 107: 17–47.
 (7) Snijman. 1992. *Bothalia* 22: 1–11.
 (8) Killick. 1993. *The Flowering Plants of Africa* 52: t. 2067.
 (9) Snijman. 1994. *Contributions from the Bolus Herbarium* 16: 1–162.
 (10) Müller-Doblies & Müller-Doblies. 1994. *Feddes Repertorium* 105: 331–363.
 (11) Müller-Doblies & Müller-Doblies. 1996. *Feddes Repertorium* 107: S.c. 1–9.
 (12) Meerow & Snijman. 2001. *American Journal of Botany* 88: 2321–2330.
 (13) Snijman. Personal communication.

- aestivalis** Snijman
Bokkeveldia aestivalis (Snijman) D.Müll.-Doblies & U.Müll.-Doblies (13)
 Perennial. Geophyte. Ht 60–100 mm. Alt ± 950 m. NC

angustifolia Jacq. = **S. truncata**

- barbarae** Oberm.
 Perennial. Geophyte. Ht 200–400 mm. Alt? N, NC

- bidentata** Schinz
 Perennial. Geophyte. Ht 80–150 mm. Alt ± 380 m. N, NC

- chaplinii** (W.F.Barker) Snijman
Gemmaria chaplinii (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies (9)
Hessea chaplinii W.F.Barker (9)
 Perennial. Geophyte. Ht ± 100 mm. Alt ± 80 m. WC

- discifera** Marloth ex Snijman subsp. **bulbifera** Snijman
 Perennial. Geophyte. Ht 100–150 mm. Alt ± 800 m. NC

- discifera** Marloth ex Snijman subsp. **discifera**
Gemmaria discifera (Marloth ex Snijman) D.Müll.-Doblies & U.Müll.-Doblies (13)
 Perennial. Geophyte. Ht ± 100 mm. Alt 60–800 m. NC, WC

- gemmata** Ker Gawl.
Gemmaria gemmata (Ker Gawl.) Salisb. ex D.Müll.-Doblies & U.Müll.-Doblies (9)
Hessea gemmata (Ker Gawl.) Benth. & Hook. (9)
Periphanes gemmata (Ker Gawl.) F.M.Leight. (9)
 Perennial. Geophyte. Ht ± 100 mm. Alt 15–2000 m. FS, NC, WC, EC

- gigantea** D.Müll.-Doblies & U.Müll.-Doblies = **S. phonolithica**

hardyana D.Müll.-Doblies & U.Müll.-Doblies
Perennial. Geophyte. Ht 170–350 mm. Alt? N

karooica (W.F.Barker) Snijman
Gemmaria karooica (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies (9)
Hessea karooica W.F.Barker (9)
Periphanes karooica (W.F.Barker) F.M.Leight. (9)
Perennial. Geophyte. Ht ± 100 mm. Alt 900–1400 m. NC, WC

karooportensis (D.Müll.-Doblies & U.Müll.-Doblies) Snijman
Gemmaria karoportensis D.Müll.-Doblies & U.Müll.-Doblies (9)
Perennial. Geophyte. Ht 150–250 mm. Alt ± 100 m. WC

leipoldtii (L.Bolus) Snijman
Gemmaria leipoldtii (L.Bolus) D.Müll.-Doblies & U.Müll.-Doblies (9)
Hessea leipoldtii L.Bolus (9)
Periphanes leipoldtii (L.Bolus) F.M.Leight. (9)
Perennial. Geophyte. Ht ± 100 mm. Alt ± 45 m. WC

linguaeifolia Jacq. = **S. truncata**

massoniella (D.Müll.-Doblies & U.Müll.-Doblies) Snijman
Gemmaria massoniella D.Müll.-Doblies & U.Müll.-Doblies (9)
Perennial. Geophyte. Ht ± 100 mm. Alt ± 1000 m. NC

merxmuelleriana (D.Müll.-Doblies & U.Müll.-Doblies) Snijman
Gemmaria merxmuelleriana D.Müll.-Doblies & U.Müll.-Doblies (9)
Perennial. Geophyte. Ht ± 100 mm. Alt ± 1000 m. NC

perryae Snijman
Bokkeveldia perryae (Snijman) D.Müll.-Doblies & U.Müll.-Doblies (13)
Perennial. Geophyte. Ht 100–250 mm. Alt ± 800 m. NC

phonolithica Dinter
S. gigantea D.Müll.-Doblies & U.Müll.-Doblies (13)
Perennial. Geophyte. Ht ± 100 mm. Alt? N

picta W.F.Barker
Bokkeveldia picta (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies (9)
Perennial. Geophyte. Ht 75–150 mm. Alt ± 800 m. NC

pubescens W.F.Barker
Bokkeveldia pubescens (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies (9)
Perennial. Geophyte. Ht 75–200 mm. Alt ± 1000 m. NC, WC

pygmaea Snijman
Hessea spiralis Baker, illegitimate name (9)
Periphanes spiralis (Baker) F.M.Leight. (9)
Tedingea pygmaea (Snijman) D.Müll.-Doblies & U.Müll.-Doblies (13)
Tedingea spiralis (Baker) D.Müll.-Doblies & U.Müll.-Doblies (11)
Perennial. Geophyte. Ht 50–100 mm. Alt ± 400 m. NC, WC

rubella Jacq. = **S. truncata**

salteri W.F.Barker
Bokkeveldia salteri (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies (9)
Perennial. Geophyte. Ht 75–250 mm. Alt 60–400 m. WC

spiralis L'Hér.
Carpolyza spiralis (L'Hér.) Salisb. (12)
Perennial. Geophyte. Ht 50–250 mm. Alt 30–600 m. WC

tenella (L.f.) Snijman subsp. **orientalis** Snijman
Tedingea transkarooica D.Müll.-Doblies & U.Müll.-Doblies (13)

Perennial. Geophyte. Ht 150–250 mm. Alt? FS, L

tenella (L.f.) Snijman subsp. **tenella**
Hessea filifolia (Jacq. ex Willd.) Benth. & Hook. (9)
Hessea tenella (L.f.) Oberm. (9)
Periphanes strumosa (Aiton) F.M.Leight. (9)
Tedingea tenella (L.f.) D.Müll.-Doblies & U.Müll.-Doblies (9)
Perennial. Geophyte. Ht 75–200 mm. Alt 30–1400 m. NC, WC

truncata Jacq.
S. angustifolia Jacq. (9)
S. linguaeifolia Jacq. (9)
S. rubella Jacq. (9)
Perennial. Geophyte. Ht 75–200 mm. Alt 60–1000 m. NC, WC

undulata Jacq. (insufficiently known) (9)

unguiculata (W.F.Barker) Snijman
Gemmaria unguiculata (W.F.Barker) D.Müll.-Doblies & U.Müll.-Doblies (9)
Hessea unguiculata W.F.Barker (9)
Periphanes unguiculata (W.F.Barker) F.M.Leight. (9)
Perennial. Geophyte. Ht 100–350 mm. Alt ± 180 m. NC

villosa Snijman
Perennial. Geophyte. Ht 75–150 mm. Alt ± 1000 m. NC

watermeyerii L.Bolus subsp. **botterkloofensis** (D.Müll.-Doblies & U.Müll.-Doblies) Snijman
Bokkeveldia watermeyerii (L.Bolus) D.Müll.-Doblies & U.Müll.-Doblies subsp. *botterkloofensis* D.Müll.-Doblies & U.Müll.-Doblies (9)
Perennial. Geophyte. Ht 50–150 mm. Alt ± 700 m. NC

watermeyerii L.Bolus subsp. **watermeyerii**
Bokkeveldia watermeyerii (L.Bolus) D.Müll.-Doblies & U.Müll.-Doblies subsp. *watermeyerii* (9)
Perennial. Geophyte. Ht 50–150 mm. Alt ± 800 m. NC

TEDINGEA D.Müll.-Doblies & U.Müll.-Doblies 1166050

pygmaea (Snijman) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria pygmaea**

spiralis (Baker) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria pygmaea**

tenella (L.f.) D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria tenella** subsp. **tenella**

transkarooica D.Müll.-Doblies & U.Müll.-Doblies = **Strumaria tenella** subsp. **orientalis**

VALLOTA Herb. 1178000

purpurea (Aiton) Herb. = **Cyrtanthus elatus**

speciosa (L.f.) T.Durand & Schinz = **Cyrtanthus elatus**

***ZEPHYRANTHES** Herb. 1181000

(1) Sealy. 1937. *Journal of the Royal Horticultural Society* 62: 195–209.

grandiflora Lindl.
Perennial. Geophyte. Ht 200–300 mm. Alt? KZN

ANTHERICACEAE

Compiled by C. Archer

ANTHERICUM L. 0989000
acutum C.H.Wright = **Chlorophytum acutum**

aitonii Baker = **Trachyandra filiformis**
aloifolium Salisb. = **Bulbine alooides**

- aloooides* L. = **Bulbine alooides**
aloooides Thunb., not of L. = **Bulbine praemorsa**
altissimum Mill. = **Bulbine asphodeloides**
anceps Baker = **Chlorophytum anceps**
angulicaule Baker = **Chlorophytum angulicaule**
annuum L. = **Bulbine annua**
asphodeloides L. = **Bulbine asphodeloides**
asphodeloides of authors, not of L. = **Bulbine abyssinica**
bipedunculatum Jacq. = **Chlorophytum triflorum**
bisulcata Haw. = **Bulbine cepacea**
bolusii Baker = **Chlorophytum undulatum**
brevifolium Thunb. = **Caesia contorta**
bulbine Houtt. = **Onixotis stricta**
burkei Baker = **Trachyandra burkei**
calyptrocarpum Baker = **Chlorophytum calyptrocarpum**
capillare (Poir.) Schult. & Schult.f. = **Bulbinella triquetra**
carnosum Baker = **Ornithogalum paludosum**
cauda-felis L.f. = **Bulbinella cauda-felis**
caudatum Thunb. = **Bulbinella cauda-felis**
ciliolatum (Kunth) Baker = **Bulbinella ciliolata**
comosum Thunb. = **Chlorophytum comosum**
contortum L.f. = **Caesia contorta**
cooperi Baker = **Chlorophytum cooperi**
crassinerve Baker = **Chlorophytum crassinerve**
crispum Thunb. = **Chlorophytum crispum**
cyperaceum Oberm. = **Chlorophytum cyperaceum**
dielsii Poelln. = **Chlorophytum undulatum**
drimiopsis Baker = **Chlorophytum longifolium**
dubium (Roem. & Schult.) Poelln. = **Chlorophytum triflorum**
elatum Aiton = **Chlorophytum capense**
fasciculatum Baker = **Chlorophytum fasciculatum**
favosum Thunb. = **Bulbine favosa**
filiforme Aiton = **Trachyandra filiformis**
flagelliforme Baker = **Eriospermum flagelliforme**
frutescens L. = **Bulbine frutescens**
fruticosum Salisb. = **Bulbine frutescens**
galpinii Baker var. *galpinii* = **Chlorophytum galpinii** var. **galpinii**
galpinii Baker var. *matabelense* (Baker) Oberm. = **Chlorophytum galpinii** var. **matabelense**
galpinii Baker var. *norlindhii* (Weim.) Oberm. = **Chlorophytum galpinii** var. **norlindhii**
gracile (Kunth) Baker = **Bulbinella gracilis**
graminifolium Willd. = **Chlorophytum undulatum**
haygarthii (J.M.Wood & M.S.Evans) Oberm. = **Chlorophytum haygarthii**
incurvum Thunb. = **Bulbine frutescens**
kovismontanum Dinter = **Chlorophytum viscosum**
krauseanum Dinter = **Chlorophytum krauseanum**
lagopus Thunb. = **Bulbine lagopus**
latifolium Jacq. = **Bulbine cepacea**
latifolium L.f. = **Bulbine latifolia**
longibracteatum Dinter = **Chlorophytum viscosum**
longibracteatum Dinter var. *brevibracteatum* Poelln. = **Chlorophytum viscosum**
longifolium A.Rich., not of Jacq. (1786) = **Chlorophytum longifolium**
longiscapum Jacq. = **Bulbine asphodeloides**
longistylum Baker = **Chlorophytum recurvifolium**
longituberosum Poelln. as *Chlorophytum longituberosum* = **Chlorophytum comosum**
lunatum Poelln. = **Chlorophytum longifolium**
nutans Jacq. = **Bulbine nutans**
nutans Thunb. = **Bulbinella nutans** subsp. **nutans**
pauciflorum Thunb. = **Chlorophytum triflorum**
pauciflorum Thunb. var. *minor* Baker = **Chlorophytum undulatum**
planifolium Thunb. = **Chlorophytum comosum**
pleiophyllum Poelln. = **Chlorophytum undulatum**
praemorsum Jacq. = **Bulbine praemorsa**
pugioniforme Jacq. = **Bulbine cepacea**
radula Baker = **Chlorophytum radula**
rangei Engl. & K.Krause = **Chlorophytum rangei**
rigidum (Kunth) Baker = **Chlorophytum rigidum**
rosenbrockii Poelln. = **Chlorophytum crispum**
rostratum Jacq. = **Bulbine frutescens**
rouwenortii Gorter = **Chlorophytum capense**
rustii Poelln. = **Chlorophytum crispum**
salteri F.M.Leight. = **Trachyandra tortilis**
saundersiae Baker = **Chlorophytum saundersiae**
setosum Schult. & Schult.f. = **Bulbinella nutans** subsp. **nutans**
squameum L.f. = **Trachyandra hispida**
sternbergianum Roem. & Schult. = **Chlorophytum comosum**
succulentum Salisb. = **Bulbine asphodeloides**
transvaalense Baker = **Chlorophytum transvaalense**
trichophlebium Baker = **Chlorophytum trichophlebium**
triflorum Aiton = **Chlorophytum triflorum**
triflorum Aiton var. *minor* Baker = **Chlorophytum undulatum**
triquetrum L.f. = **Bulbinella triquetra**
triquetrum L.f. var. *trinervis* Baker = **Bulbinella trinervis**
tumidum Poelln. = **Chlorophytum undulatum**
undulatum Jacq. = **Chlorophytum undulatum**
vallistrappii Poelln. as *Chlorophytum vallistrappii* = **Chlorophytum comosum**
viscosum (Kunth) Baker = **Chlorophytum viscosum**
whytei Baker = **Chlorophytum sphacelatum** var. **milanjianum**

ASPHODELUS L.

0980000

capensis L. = **Chlorophytum capense**

CHLOROPHYTUM Ker Gawl. 0990000

- (1) Phillips. 1934. *The Flowering Plants of South Africa* 14: t. 540.
- (2) Verdoorn. 1942. *The Flowering Plants of South Africa* 22: t. 861.
- (3) Obermeyer. 1962. *The Flowering Plants of Africa* 35: t. 1399.
- (4) Obermeyer. 1962. *Bothalia* 7: 669–778.
- (4a) Obermeyer. 1962. Unpublished note in PRE.
- (5) Kativu & Nordal. 1993. *Nordic Journal of Botany* 13: 59–65.
- (6) Kativu. 1994. *Kirkia* 15: 43–111.
- (7) Nordal. 1997. *FTEA Anthericaceae*: 1–67.
- (8) Archer & Kativu. 2001. *Bothalia* 31: 40, 41.

acutum (C.H.Wright) Nordal*Anthericum acutum* C.H.Wright (5)

Perennial. Herb. Ht up to 0.8 m. Alt 1220–2400 m. KZN, L

anceps (Baker) Kativu*Anthericum anceps* Baker (5)

Perennial. Herb. Ht up to 0.4 m. Alt ?–950 m. N, B

angulicaule (Baker) Kativu*Anthericum angulicaule* Baker (5)

Perennial. Herb. Ht 0.2–1.5 m. Alt 10–2130 m. LIM, NW, M, S, FS, KZN, EC

aridum Oberm.

Perennial. Herb. Ht 0.6–2.13 m. Alt ?–1100 m. LIM, G, M, S, KZN

bowkeri Baker*C. nigricans* Baker (4)*C. perlongibracteatum* Poelln. (4)*C. stamineum* Zahlbr. (4)*C. strictum* Baker (4)*C. wilmsii* Engl. & K.Krause (4)

Perennial. Herb. Ht 0.3–1.21 m. Alt 305–1830 m. LIM, NW, G, M, S, KZN, EC

brachystachyum Baker*C. trachycarpum* Oberm. (6)

Perennial. Herb. Ht up to 0.4 m. Alt ?–915 m. N, B

brehmeanum Schult. & Schult.f. = **C. triflorum****burchellii** Baker = **C. comosum****calyptrocarpum** (Baker) Kativu*Anthericum calyptrocarpum* Baker (5)

Perennial. Herb. Ht 0.1–0.6 m. Alt 915–1450 m. N, LIM, G, M

capense (L.) Voss*Anthericum elatum* Aiton (4)*Anthericum rouwenortii* Gorter (4)*Asphodelus capensis* L. (4)*C. elatum* (Aiton) Spreng. (4)*Phalangium elatum* (Aiton) Redouté (4)*Phalangium fastigiatum* Poir. (4)

Perennial. Herb. Ht up to 1 m. Alt 30–1220 m. EC

comosum (Thunb.) Jacq.*Anthericum comosum* Thunb. (4)*Anthericum longituberosum* Poelln. as *C. longituberosum* (4)*Anthericum planifolium* Thunb. (4)*Anthericum sternbergianum* Roem. & Schult. (4)*Anthericum vallistrappii* Poelln. as *C. vallistrappii* (4)*Caesia comosa* (Thunb.) Spreng. (4)*C. burchellii* Baker (4)*C. delagoense* Baker (4)*C. elatum* (Aiton) Spreng. var. *burchellii* Baker (4)*C. pulchellum* in sense of Oberm. (1962), not of Kunth (4a)*Hartwegia comosa* (Thunb.) Nees (4)*Phalangium comosum* (Thunb.) Poir. (4)*Phalangium viviparum* Hort. (4)

Perennial. Herb. Ht 0.3–0.8 m. Alt 25–1830 m. LIM, M, S, KZN, WC, EC

cooperi (Baker) Nordal*Anthericum cooperi* Baker (5)

Perennial. Herb. Ht 0.1–0.4 m. Alt 120–2130 m. LIM, NW, G, M, S, FS, KZN, EC

crassinerve (Baker) Oberm.*Anthericum crassinerve* Baker (4)

Perennial. Herb. Ht up to 0.4 m. Alt ?–800 m. NC

crispum (Thunb.) Baker*Anthericum crispum* Thunb. (4)*Anthericum rosenbrockii* Poelln. (4)*Anthericum rustii* Poelln. (4)*Bulbine crispa* (Thunb.) Roem. & Schult. (4)

Perennial. Herb, succulent. Ht up to 0.5 m. Alt 30–975 m. WC, EC

cyperaceum (Oberm.) Nordal*Anthericum cyperaceum* Oberm. (5)

Perennial. Herb. Ht up to 1.8 m. Alt 760–1500 m. LIM, M

delagoense Baker = **C. comosum****dolomiticum** Dinter = **C. longifolium****drepanophyllum** Baker = **Trachyandra falcata****drimiopsis** (Baker) Poelln. = **C. longifolium****dubium** Schult. & Schult.f. = **C. triflorum****durbanense** Kuntze = **C. modestum****elatum** (Aiton) Spreng. = **C. capense****elatum** (Aiton) Spreng. var. **burchellii** Baker = **C. comosum****fasciculatum** (Baker) Kativu*Anthericum fasciculatum* Baker (5)

Perennial. Herb. Ht up to 0.6 m. Alt 625–1776 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

galpinii (Baker) Kativu var. **galpinii***Anthericum galpinii* Baker var. *galpinii* (5)

Perennial. Herb. Ht up to 0.75 m. Alt 55–1350 m. LIM, NW, M, S, KZN

galpinii (Baker) Kativu var. **matabelense** (Baker) Kativu*Anthericum galpinii* Baker var. *matabelense* (Baker) Oberm. (5)

Perennial. Herb. Ht up to 0.75 m. Alt 760–1160 m. N, B, LIM, G

galpinii (Baker) Kativu var. **norlindhii** (Weim.) Kativu*Anthericum galpinii* Baker var. *norlindhii* (Weim.) Oberm. (5)

Perennial. Herb. Ht up to 0.75 m. Alt 1380–2740 m. LIM

graminifolium (Willd.) Kunth = **C. undulatum****haygarthii** J.M.Wood & M.S.Evans*Anthericum haygarthii* (J.M.Wood & M.S.Evans) Oberm. (5)

Perennial. Herb. Ht up to 0.8 m. Alt 1070–2130 m. M, S, KZN

krauseanum (Dinter) Kativu*Anthericum krauseanum* Dinter (5)

Perennial. Herb. Ht up to 0.55 m. Alt ?–1280 m. N, B, NW

krookianum Zahlbr.*C. longipedunculatum* H.M.L.Forbes (4)

Perennial. Herb. Ht 0.6–2.74 m. Alt 15–1500 m. LIM, M, S, KZN, EC

lewisiae Oberm.

Perennial. Herb. Ht up to 0.2 m. Alt ?–1100 m. NC

longifolium Baker*Anthericum drimiopsis* Baker (7)*Anthericum longifolium* A.Rich., not of Jacq. (1786), illegitimate name (7)

- Anthericum lunatum* Poelln. (4)
C. dolomiticum Dinter (4)
C. drimiopsis (Baker) Poelln. (6)
C. papillosum Rendle (6)
C. pleiophyllum Poelln. (7)
C. poricolum Poelln. (7)
C. welwitschii Poelln. (7)
Dasystachys drimiopsis (Baker) Benth. (7)
Dasystachys falcata Baker (7)
Dasystachys papillosa (Rendle) Baker (4)
 Perennial. Herb. Ht up to 0.8 m. Alt 850–2000 m. N, B
- longipedunculatum* H.M.L.Forbes = **C. krookianum**
- macrosporum** Baker
C. rhodesianum E.Phillips (4)
 Perennial. Herb. Ht up to 1.5 m. Alt? LIM, KZN
- marlothii* Poelln. = **C. namaquense**
- modestum** Baker
C. durbanense Kuntze (4)
 Perennial. Herb. Ht up to 0.3 m. Alt 0–55 m. KZN, EC
- monophyllum** Oberm.
 Perennial. Herb. Ht up to 0.5 m. Alt? WC
- namaquense** Poelln.
C. marlothii Poelln. (4)
 Perennial. Herb. Ht up to 0.8 m. Alt 1060–1200 m. NC
- nigricans* Baker = **C. bowkeri**
- papillosum* Rendle = **C. longifolium**
- pauciphyllum** Oberm.
 Perennial. Herb. Ht up to 0.15 m. Alt? WC
- pauper** Poelln.
 Perennial. Herb. Ht? Alt ?–1100 m. N, B
- perlongibracteatum* Poelln. = **C. bowkeri**
- piquetbergense* Poelln. = **C. undulatum**
- pleiophyllum* Poelln. = **C. longifolium**
- polyphyllum* (Baker) Kativu, illegitimate combination =
C. recurvifolium
- poricolum* Poelln. = **C. longifolium**
- psammophilum** Engl. & Gilg
 Perennial. Herb. Ht up to 0.55 m. Alt? N
- pulchellum* in sense of Oberm. (1962), not of Kunth =
C. comosum
- pulchellum* Kunth = **C. rigidum**
- radula** (Baker) Nordal
Anthericum radula Baker (5)
 Perennial. Herb. Ht up to 1 m. Alt 1300–1900 m. LIM
- rangei** (Engl. & K.Krause) Nordal
Anthericum rangei Engl. & K.Krause (5)
 Perennial. Herb. Ht up to 0.4 m. Alt 210–670 m. N, NC, WC
- recurvifolium** (Baker) C.Archer & Kativu
Anthericum longistylum Baker (8)
C. polyphyllum (Baker) Kativu, illegitimate combination (8)
 Perennial. Herb. Ht up to 1 m. Alt 335–1830 m. B, LIM, NW, G, M, S, KZN
- rhodesianum* E.Phillips = **C. macrosporum**
- rigidum** Kunth
Anthericum rigidum (Kunth) Baker (4)
C. pulchellum Kunth (4a)
 Perennial. Herb. Ht up to 0.6 m. Alt 335–610 m. WC
- saundersiae** (Baker) Nordal
Anthericum saundersiae Baker (5)
- Perennial. Herb. Ht up to 0.4 m. Alt 1–230 m. KZN, EC
- schlechterianum* Poelln. = **C. undulatum**
- sphacelatum* (Baker) Kativu subsp. *milanjanum* (Rendle) Kativu = **C. sphacelatum** var. *milanjanum*
- sphacelatum** (Baker) Kativu var. *milanjanum* (Rendle) Nordal
Anthericum whytei Baker (7)
C. sphacelatum (Baker) Kativu subsp. *milanjanum* (Rendle) Kativu (7)
 Perennial. Herb. Ht up to 1 m. Alt 950–1050 m. N, B
- stamineum* Zahlbr. = **C. bowkeri**
- strictum* Baker = **C. bowkeri**
- trachycarpum* Oberm. = **C. brachystachyum**
- transvaalense** (Baker) Kativu
Anthericum transvaalense Baker (5)
 Perennial. Herb. Ht up to 0.8 m. Alt 800–2250 m. LIM, NW, G, M, S, FS, KZN
- trichophlebium** (Baker) Nordal
Anthericum trichophlebium Baker (5)
 Perennial. Herb. Ht up to 0.2 m. Alt 1220–1370 m. LIM, NW, G, M
- triflorum** (Aiton) Kunth
Anthericum bipedunculatum Jacq. (4)
Anthericum dubium (Roem. & Schult.) Poelln. (4)
Anthericum pauciflorum Thunb. (4)
Anthericum triflorum Aiton (4)
C. brehmeanum Schult. & Schult.f. (4)
C. dubium Schult. & Schult.f. (4)
Phalangium bipedunculatum Poir. (4)
Phalangium triflorum (Aiton) Pers. (4)
Trachyandra brehmeana (Roem. & Schult.) Kunth (4)
Trachyandra pauciflora (Thunb.) Kunth (4)
Trachyandra schultesii Kunth (4)
 Perennial. Herb. Ht 0.15–1 m. Alt 30–150 m. WC
- tuberculatum* A.V.Duthie = **C. undulatum**
- undulatum** (Jacq.) Oberm.
Anthericum bolusii Baker (4)
Anthericum dielsii Poelln. (4)
Anthericum graminifolium Willd. (4)
Anthericum pauciflorum Thunb. var. *minor* Baker (4)
Anthericum pleiophyllum Poelln. (4)
Anthericum triflorum Aiton var. *minor* Baker (4)
Anthericum tumidum Poelln. (4)
Anthericum undulatum Jacq. (4)
C. graminifolium (Willd.) Kunth (4)
C. piquetbergense Poelln. (4)
C. schlechterianum Poelln. (4)
C. tuberculatum A.V.Duthie (4)
Phalangium undulatum (Jacq.) Poir. (4)
 Perennial. Herb. Ht 0.1–0.5 m. Alt 0–1400 m. NC, WC
- viscosum** Kunth
Anthericum kovismontanum Dinter (4)
Anthericum longibracteatum Dinter (4)
Anthericum longibracteatum Dinter var. *brevibracteatum* Poelln. (4)
Anthericum viscosum (Kunth) Baker (4)
 Perennial. Herb. Ht 0.2–0.6 m. Alt 50–670 m. N, NC, WC
- welwitschii* Poelln. = **C. longifolium**
- wilmsii* Engl. & K.Krause = **C. bowkeri**

DASYSTACHYS Baker 0990010

drimiopsis (Baker) Benth. = **Chlorophytum longifolium**

falcata Baker = **Chlorophytum longifolium**

papillosa (Rendle) Baker = **Chlorophytum longifolium**

PHALANGIUM L. 0989010
asphodeloides Kuntze = **Bulbine asphodeloides**
bipedunculatum Poir. = **Chlorophytum triflorum**
canaliculatum (Aiton) Poir. = **Trachyandra ciliata**
capillare Poir. = **Bulbinella triquetra**
comosum (Thunb.) Poir. = **Chlorophytum comosum**
elatum (Aiton) Redouté = **Chlorophytum capense**

fastigiatum Poir. = **Chlorophytum capense**
longifolium (Jacq.) Poir. = **Trachyandra ciliata**
revolutum Poir. = **Trachyandra revoluta**
squameum (L.f.) Poir. = **Trachyandra hispida**
triflorum (Aiton) Pers. = **Chlorophytum triflorum**
undulatum (Jacq.) Poir. = **Chlorophytum undulatum**
viviparum Hort. = **Chlorophytum comosum**

APONOGETONACEAE

Compiled by R.P. Glen & C.D.K. Cook

APONOGETON L.f. 0065000

- (1) Obermeyer. 1965. *The Flowering Plants of Africa* 37: t. 1449.
- (2) Obermeyer. 1966. *FSA* 1: 85–92.
- (3) Obermeyer. 1971. *The Flowering Plants of Africa* 41: t. 1618.
- (4) Van Bruggen. 1973. *Bulletin du Jardin Botanique National de Belgique* 43: 193–233.
- (5) Van Bruggen. 1985. *Bibliotheca Botanica* 137: 1–76.

angustifolius Aiton

A. crinifolium Lehm. ex Schltld. (4)

Perennial. Herb, geophyte, hydrophyte: epiphydate/hyperhydate. Ht depending on depth of water, up to 1 m. Alt 4–245 m. WC (endemic)

azureus H.Bruggen

Perennial. Hydrophyte: rosulate/epiphydate. Ht depending on depth of water. Alt ± 1263 m. N (endemic)

crinifolium Lehm. ex Schltld. = **A. angustifolius**

desertorum Zeyh. ex A.Spreng.

A. dinteri Engl. & Krause (4)

A. holubii Oliv. (4)

A. kraussianus Hochst. ex Krauss (4)

Perennial. Herb, geophyte, hydrophyte: epiphydate/hyperhydate. Ht depending on depth of water, ± 0.5 m. Alt 60–1220 m. N, B, LIM, NW, EC

dinteri Engl. & Krause = **A. desertorum**

distachyos L.f.

Perennial. Herb, geophyte, hydrophyte: epiphydate/hyperhydate. Ht depending on depth of water. Alt 10–300 m. WC (endemic)

Notes:

- (a) According to Van Bruggen (1973), *Ecklon & Zeyher 107* (K) was collected at Uitenhage. There are no records in GRA, PEU and PRE of this taxon occurring so far up the east coast.
- (b) PRE has a record of *A. distachyos* growing in a natural pool of a permanent stream near Starvation Creek, Berlin State Forest, M. This, no doubt, is a garden escape that has naturalised in that area.

holubii Oliv. = **A. desertorum**

kraussianus Hochst. ex Krauss = **A. desertorum**

hereroensis Schinz = **A. rehmannii**

junceus Lehm.

A. junceus Lehm. ex Schltld. subsp. *junceus* (5)

A. spathaceus E.Mey. ex Hook. (2)

Perennial. Herb, geophyte, hydrophyte: rosulate/tenogophyte. Ht 0.05–0.5 m. Alt 45–3300 m. N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

junceus Lehm. ex Schltld. subsp. *junceus* = **A. junceus**

junceus Lehm. ex Schltld. subsp. *natalense* (Oliv.) Oberm. = **A. natalensis**

junceus Lehm. ex Schltld. subsp. *rehmannii* (Oliv.) Oberm. = **A. rehmannii**

natalensis Oliv.

A. junceus Lehm. ex Schltld. subsp. *natalense* (Oliv.) Oberm (5)

Perennial. Herb, geophyte, hydrophyte: rosulate/epiphydate/hyperhydate. Ht 0.14–0.4 m. Alt 60–1400 m. LIM, NW, G, M, KZN, EC

ranunculiflorus Jacot Guill. & Marais

Perennial. Herb, geophyte, hydrophyte: rosulate. Ht depending on depth of water, pools varying from 0.75–2 m. Alt ± 2600 m. KZN, L

rehmannii Oliv.

A. hereroensis Schinz (4)

A. junceus Lehm. ex Schltld. subsp. *rehmannii* (Oliv.) Oberm. (5)

A. rehmannii Oliv. var. *hereroensis* (Schinz) Engl. & Krause (4)

Perennial. Herb, geophyte, hydrophyte: rosulate/epiphydate. Ht 0.1–0.28 m. Alt 825–± 1300 m. N, B, LIM, NW, G, M, FS

rehmannii Oliv. var. *hereroensis* (Schinz) Engl. & Krause = **A. rehmannii**

spathaceus E.Mey. ex Hook. = **A. junceus**

stuhmannii Engl.

Perennial. Herb, geophyte, hydrophyte: rosulate/epiphydate/hyperhydate. Ht 50–100 mm. Alt 500–2300 m. N, B, LIM, NW, G, M

ARACEAE

Compiled by Y. Singh

- AMORPHOPHALLUS** Blume 0723000
ex Decne.
(1) Brown. 1901. *FTA* 8: 160.
(2) Verdoorn. 1957. *The Flowering Plants of Africa* 32: t. 1251.
(3) Craven (ed.). 1999. *Southern African Botanical Diversity Network Report No. 7*: 38.
(4) Hettterscheid. 2002. In Govaerts & Frodin, *World checklist and bibliography of Araceae (and Acoraceae)*.
- abyssinicus** (A.Rich.) N.E.Br. subsp. **abyssinicus**
Perennial. Herb. Ht 300–600 mm. Alt ± 1062 m. N
- CALLA** L. 0710000
aethiopica L. = **Zantedeschia aethiopica**
elliottiana (W.Watson) W.Watson = **Zantedeschia elliottiana**
- GONATOPUS** Hook.f. ex Engl. 0693000
(1) Brown. 1901. *FTA* 8: 196, 197.
(2) Bogner & Obermeyer. 1977. *Bothalia* 12: 251.
(3) Obermeyer & Bogner. 1979. *The Flowering Plants of Africa* 45: t. 1782.
(4) Mayo. 1985. *FTEA Araceae*: 9–15.
- angustus** N.E.Br.
G. rhizomatosus Bogner & Oberm. (4)
Perennial. Herb, geophyte. Ht 200–900 mm. Alt 25–130 m. M, S, KZN
- boivinii** (Decne.) Engl.
Perennial. Herb, geophyte. Ht 450–1500 mm. Alt 30–120 m. KZN
- rhizomatosus* Bogner & Oberm. = **G. angustus**
- *PISTIA** L. 0791000
(1) Brown. 1897. *FC* 7: 33, 34.
(2) Craven (ed.). 1999. *Southern African Botanical Diversity Network Report No. 7*: 39.
- stratiotes** L.
Perennial. Herb, hydrophyte. Ht 30–120 mm. Alt 0–100 m. N, B, LIM, NW, G, KZN, EC
- RICHARDIA** Kunth 0748010
aethiopica (L.) Spreng. = **Zantedeschia aethiopica**
africana Kunth = **Zantedeschia aethiopica**
albomaculata Hook. = **Zantedeschia albomaculata** subsp. **albomaculata**
angustiloba Schott = **Zantedeschia albomaculata** subsp. **albomaculata**
elliottiana W.Watson = **Zantedeschia elliottiana**
hastata Hook. = **Zantedeschia albomaculata** subsp. **albomaculata**
lutwychei N.E.Br. = **Zantedeschia albomaculata** subsp. **albomaculata**
macrocarpa (Engl.) W.Watson = **Zantedeschia albomaculata** subsp. **macrocarpa**
melanoleuca Hook.f. = **Zantedeschia albomaculata** subsp. **albomaculata**
- pentlandii* R. Whyte ex W. Watson = **Zantedeschia pentlandii**
rehmannii (Engl.) N.E.Br. ex Krelage = **Zantedeschia rehmannii**
sprengeri Comes = **Zantedeschia pentlandii**
- STYLOCHAETON** Lepr. 0764000
Stylochiton Schott (4)
(1) Brown. 1897. *FC* 7: 34, 35.
(2) Obermeyer. 1972. *The Flowering Plants of Africa* 42: t. 1648.
(3) Mayo. 1985. *FTEA Araceae*: 45, 46.
(4) Mayo *et al.* 1997. *The genera of Araceae*: 151.
- maximus* Engl. = **S. natalensis**
natalensis Schott
S. maximus Engl. (3)
Perennial. Herb. Ht 100–400 mm. Alt 0–1600 m. LIM, G, M, KZN
- ZAMIOCULCAS** Schott 0692000
(1) Obermeyer & Strey. 1969. *The Flowering Plants of Africa* 40: t. 1562.
- zamiifolia** (Lodd.) Engl.
Perennial. Herb. Ht 350–750 mm. Alt 8–15 m. KZN
- ZANTEDESCHIA** Spreng. 0748000
(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: tt. 10, 15.
(2) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 141.
(3) Phillips. 1939. *The Flowering Plants of South Africa* 19: t. 735.
(4) Letty. 1955. *The Flowering Plants of Africa* 30: t. 1190.
(5) Letty. 1973. *Bothalia* 11: 5–26.
(6) Pery. 1989. *South African Journal of Botany* 55: 447–451.
(7) Singh *et al.* 1996. *South African Journal of Botany* 62: 321–324.
(8) Singh. 2002. In Govaerts & Frodin, *World checklist and bibliography of Araceae (and Acoraceae)*.
- aethiopica** (L.) Spreng.
Calla aethiopica L. (5)
Richardia aethiopica (L.) Spreng. (5)
Richardia africana Kunth (5)
Z. aethiopica (L.) Spreng. var. *minor* Engl. (5)
Perennial. Herb, geophyte. Ht 350–1200 mm. Alt 20–2250 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC
- aethiopica* (L.) Spreng. var. *minor* Engl. = **Z. aethiopica**
- albomaculata** (Hook.) Baill. subsp. **albomaculata**
Richardia albomaculata Hook. (5)
Richardia angustiloba Schott (5)
Richardia hastata Hook. (5)
Richardia lutwychei N.E.Br. (5)
Richardia melanoleuca Hook.f. (5)
Z. angustiloba (Schott) Engl. (5)
Z. hastata (Hook.) Engl. (5)
Z. melanoleuca (Hook.f.) Engl. (5)
Z. oculata (Lindl.) Engl. (5)
Z. tropicalis (N.E.Br.) Letty (5)
Perennial. Herb, geophyte. Ht 300–1000 mm. Alt 365–2400 m. LIM, G, M, S, FS, KZN, L, EC
- albomaculata** (Hook.) Baill. subsp. **macrocarpa** (Engl.) Letty
Richardia macrocarpa (Engl.) W. Watson (5)
Z. macrocarpa Engl. (5)
Z. melanoleuca (Hook.f.) Engl. var. *concolor* Burt Davy (5)
Perennial. Herb, geophyte. Ht 300–600 mm. Alt 900–2075 m. G, M, S, FS, KZN, EC

albomaculata (Hook.) Baill. subsp. *valida* Letty = **Z. valida**
angustiloba (Schott) Engl. = **Z. albomaculata** subsp. **albo-**
maculata

elliottiana (W. Watson) Engl.

Calla elliotiana (W. Watson) W. Watson (5)

Richardia elliotiana W. Watson (5)

Perennial. Herb, geophyte. Ht 700–800 mm. Alt? Known
 only from cultivated specimens.

hastata (Hook.) Engl. = **Z. albomaculata** subsp. **albo-**
maculata

jucunda Letty

Perennial. Herb, geophyte. Ht 400–800 mm. Alt ± 1830
 m. LIM, M

macrocarpa Engl. = **Z. albomaculata** subsp. **macrocarpa**

melanoleuca (Hook.f.) Engl. = **Z. albomaculata** subsp.
albomaculata

melanoleuca (Hook.f.) Engl. var. *concolor* Burt Davy =
Z. albomaculata subsp. **macrocarpa**

oculata (Lindl.) Engl. = **Z. albomaculata** subsp. **albo-**

lata

odorata P.L. Perry

Perennial. Herb, geophyte. Ht 450–800 mm. Alt 610–750
 m. WC

pentlandii (R. Whyte ex W. Watson) Wittm.

Richardia pentlandii R. Whyte ex W. Watson (5)

Richardia sprengeri Comes (5)

Perennial. Herb, geophyte. Ht 600–800 mm. Alt 1200–
 1900 m. M

rehmannii Engl.

Richardia rehmannii (Engl.) N.E.Br. ex Krelage (5)

Z. stehmannii Sprenger (5)

Perennial. Herb, geophyte. Ht 250–500 mm. Alt 915–
 2100 m. G, M, S, FS, KZN

stehmannii Sprenger = **Z. rehmannii**

tropicalis (N.E.Br.) Letty = **Z. albomaculata** subsp. **albo-**
maculata

valida (Letty) Y. Singh

Z. albomaculata (Hook.) Baill. subsp. *valida* Letty (7)

Perennial. Herb, geophyte. Ht 600–700 mm. Alt 1120–
 2045 m. KZN

ARECACEAE

Compiled by H.F. Glen

BORASSUS L.

0555000

(1) Dyer. 1952. *South African Journal of Science* 48: 215–220.

(2) Du Plessis. 1955. *Fauna & Flora* 6: 85–93.

(3) Tomlinson. 1962. *Principes* 6: 96–103.

(4) Coates Palgrave. 1977. *Trees of southern Africa*: 69.

(5) Dransfield. 1986. *FTEA Palmae*: 19–21.

aethiopum Mart.

B. flabellifer L. var. *aethiopum* (Mart.) Warb. (3)

Perennial. Tree. Ht 5–20 m. Alt ± 750 m. LIM

flabellifer L. var. *aethiopum* (Mart.) Warb. = **B. aethio-**
pum

HYPHAENE Gaertn.

0553000

(1) Furtado. 1967. *Garcia de Orta* 15: 427–460.

(2) Coates Palgrave. 1977. *Trees of southern Africa*: 67, 68.

(3) Dransfield. 1986. *FTEA Palmae*: 21–33.

benguellensis Welw. var. *ventricosa* (J.Kirk) Furtado =
H. petersiana

coriacea Gaertn.

H. natalensis Kunze (3)

Perennial. Tree. Ht 1.5–4 m. Alt 50–300 m. LIM, M,
 KZN

natalensis Kunze = **H. coriacea**

petersiana Klotzsch ex Mart.

H. benguellensis Welw. var. *ventricosa* (J.Kirk) Furtado (3)

H. ventricosa J.Kirk (3)

Perennial. Tree. Ht 1.5–14 m. Alt 275–1000 m. N, B,
 LIM

ventricosa J.Kirk = **H. petersiana**

JUBAEOPSIS Becc.

0665010

(1) Beccari. 1913. *Webbia* 4: 169–176.

(2) Williams. 1991. *The Flowering Plants of Africa* 51: t. 2023.

caffra Becc.

Perennial. Tree. Ht 3.5–7.5 m. Alt 0–30 m. EC

PHOENIX L.

0528000

(1) Coates Palgrave. 1977. *Trees of southern Africa*: 66, 67.

reclinata Jacq.

Perennial. Tree or shrub. Ht 1–7.5 m. Alt 0–950 m. N,
 B, LIM, M, S, KZN, EC

RAPHIA P.Beauv.

0559000

(1) Obermeyer & Strey. 1969. *Bothalia* 10: 29–37.

australis Oberm. & Strey

Perennial. Tree. Ht 4–15 m. Alt 0–100 m. KZN

ASPARAGACEAE

Compiled by E.T. Moeng & N.L. Meyer

ASPARAGOPSIS Kunth

1113030

densiflorus Kunth = **Asparagus densiflorus**

denudatus Kunth = **Asparagus denudatus**

krebsiana Kunth = **Asparagus krebsianus**

microraphis Kunth = **Asparagus microraphis**

minutiflorus Kunth = **Asparagus minutiflorus**

setaceus Kunth = **Asparagus setaceus**

ASPARAGUS L. 1113000

- (1) Kunth. 1850. *Enumeratio plantarum* 5: 57–75.
- (2) Baker. 1875. *Journal of the Linnean Society of London, Botany* 14: 508–632.
- (3) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 409.
- (4) Phillips. 1933. *The Flowering Plants of South Africa* 13: t. 503.
- (5) Dyer. 1953. *The Flowering Plants of Africa* 29: t. 1146.
- (6) Jessop. 1966. *Bothalia* 9: 31–96.
- (7) Jessop. 1976. *Bothalia* 12: 60.
- (8) Obermeyer. 1983. *South African Journal of Botany* 2: 243, 244.
- (9) Obermeyer. 1984. *Bothalia* 15: 77–88.
- (10) Obermeyer. 1987. *Flora of Australia* 46: 159–164.
- (11) Obermeyer & Immelman. 1992. *FSA* 5,3: 11–82.
- (12) Malcomber & Sebsebe. 1994. *Kew Bulletin* 48: 63–78.
- (13) Fellingham & Meyer. 1995. *Bothalia* 25: 205–209.
- (14) Lebrun & Stork. 1995. *Énumération des plantes à fleurs d'Afrique tropicale* 3: 60–62.

acocksii Jessop

Protasparagus acocksii (Jessop) Oberm. (13)
Perennial. Shrub. Ht 0.5–± 3 m. Alt 40–860 m. LIM, M, S, KZN, NC, EC

aethiopicus L.

Myrsiphyllum asparagoides (L.) Willd., misapplied name (13)
Protasparagus aethiopicus (L.) Oberm. (13)
Perennial. Climber. Ht ± 3 m. Alt 1–2130 m. NW, NC, WC, EC

aethiopicus L. var. *angusticladus* Jessop = **A. angusticladus**

aethiopicus L. var. *natalensis* Baker = **A. natalensis**

africanus in sense of Jessop, not of Lam. in part, misapplied name = **A. bechuanicus**

africanus in sense of Jessop, not of Lam. in part, misapplied name = **A. cooperi**

africanus Lam.

Protasparagus africanus (Lam.) Oberm. (13)
Perennial. Shrub or scrambler. Ht 0.5–2 m. Alt 6–1650 m. LIM, G, M, FS, KZN, WC, EC

africanus Lam. var. *concinus* Baker = **A. concinns**

aggregatus (Oberm.) Fellingham & N.L.Mey.

Protasparagus aggregatus Oberm. (13)
Perennial. Shrub. Ht ± 3 m. Alt ?–1300 m. LIM

alopecurus (Oberm.) Malcomber & Sebsebe

Myrsiphyllum alopecurum Oberm. (12)
Perennial. Dwarf shrub. Ht ± 0.5 m. Alt? NC, WC

angusticladus (Jessop) J.-P.Lebrun & Stork

A. aethiopicus L. var. *angusticladus* Jessop (14)
Protasparagus angusticladus (Jessop) Oberm. (13)
Perennial. Climber. Ht 0.5–5 m. Alt? LIM, NW, G, M, S, KZN, EC

asparagoides in sense of Jessop, not of (L.) Wight in part, misapplied name = **A. asparagoides**

asparagoides in sense of Jessop, not of (L.) Wight in part, misapplied name = **A. kraussianus**

asparagoides in sense of Jessop, not of (L.) Wight in part, misapplied name = **A. multituberosus**

asparagoides in sense of Jessop, not of (L.) Wight in part, misapplied name = **A. ovatus**

asparagoides in sense of Jessop, not of (L.) Wight in part, misapplied name = **A. volubilis**

asparagoides (L.) Druce

A. asparagoides in sense of Jessop, not of (L.) Wight in part, misapplied name (13)
Perennial. Climber. Ht 0.4–5 m. Alt 6–3000 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

aspergillus Jessop

Protasparagus aspergillus (Jessop) Oberm. (13)
Perennial. Shrub. Ht 1.2–5 m. Alt 320–830 m. N, LIM, M

bayeri (Oberm.) Fellingham & N.L.Mey.

Protasparagus bayeri Oberm. (13)
Perennial. Shrub. Ht ± 1 m. Alt? NC

bechuanicus Baker

A. africanus in sense of Jessop, not of Lam. in part, misapplied name (13)
Protasparagus bechuanicus (Baker) Oberm. (13)
Perennial. Shrub. Ht ± 0.4–0.6 m. Alt ?–1010 m. N, B, LIM, NW, M, FS, KZN, NC, EC

biflorus (Oberm.) Fellingham & N.L.Mey.

Protasparagus biflorus Oberm. (13)
Perennial. Shrub. Ht ± 0.45 m. Alt? S, KZN

buchananii Baker

Protasparagus buchananii (Baker) Oberm. (13)
Perennial. Climber. Ht 0.9–4 m. Alt? N, B, LIM, NW, G, M, S, KZN

burchellii Baker

A. suaveolens in sense of Jessop, not of Burch. in part, misapplied name (13)
Protasparagus burchellii (Baker) Oberm. (13)
Perennial. Shrub. Ht 0.5–1.5 m. Alt 15–1020 m. NC, WC, EC

burkei Baker, misapplied name = **A. cooperi**

capensis L. var. **capensis**

Protasparagus capensis (L.) Oberm. var. *capensis* (13)
Perennial. Shrub. Ht 0.2–1 m. Alt 1–1680 m. N, NC, WC, EC

capensis L. var. **litoralis** Suess. & Karl

Protasparagus capensis (L.) Oberm. var. *litoralis* Suess. & Karl (13)
Perennial. Shrub. Ht 0.3–1 m. Alt 5–1680 m. N, NC, WC

clareae (Oberm.) Fellingham & N.L.Mey.

Protasparagus clareae Oberm. (13)
Perennial. Climber. Ht? Alt ± 500 m. LIM, M

coddii (Oberm.) Fellingham & N.L.Mey.

Protasparagus coddii Oberm. (13)
Perennial. Shrub or dwarf shrub. Ht ± 0.3–1 m. Alt ± 1372 m. N, KZN

compactus T.M.Salter, misapplied name = **A. lignosus**

concinus (Baker) Kies

A. africanus Lam. var. *concinus* Baker (13)
Protasparagus concinns (Baker) Oberm. & Immelman (13)
Perennial. Shrub. Ht ± 1 m. Alt 550–2134 m. G?, M, FS, L, EC

confertus K.Krause

Protasparagus confertus (K.Krause) Oberm. (13)
Perennial. Dwarf shrub. Ht ± 1 m. Alt? WC

consanguineus (Kunth) Baker, misapplied name = **A. fasciculatus**

cooperi Baker

A. africanus in sense of Jessop, not of Lam. in part, misapplied name (13)
A. burkei Baker, misapplied name (13)
A. rivalis Burch. ex Kies, misapplied name (13)
Protasparagus cooperi (Baker) Oberm. (13)
Perennial. Dwarf shrub, shrub. Ht 0.5–2 m. Alt? N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

crassicladus Jessop

Protasparagus crassicladus (Jessop) Oberm. (13)
Perennial. Dwarf shrub. Ht ± 0.3–2 m. Alt 80–350 m. NW, EC

crispus Lam., misapplied name = **A. declinatus**

declinatus L.

A. crispus Lam., misapplied name (13)

Myrsiphyllum declinatum (L.) Oberm. (13)

Perennial. Scrambler. Ht ± 0.2–1 m. Alt 4–1560 m. N, NC, WC

densiflorus (Kunth) Jessop

Asparagopsis densiflorus Kunth (6)

Protasparagus densiflorus (Kunth) Oberm. (13)

Perennial. Dwarf shrub. Ht 0.5–1 m. Alt? LIM, G, M, S, KZN, EC

denudatus (Kunth) Baker

Asparagopsis denudatus Kunth (2)

Protasparagus denudatus (Kunth) Oberm. (13)

Perennial. Shrub. Ht 1–1.5 m. Alt? LIM, FS, KZN, L, NC, EC

devenishii (Oberm.) Fellingham & N.L.Mey.

Protasparagus devenishii Oberm. (13)

Perennial. Dwarf shrub. Ht ± 0.6–1 m. Alt ?–1870 m. G, M, FS, KZN

divaricatus (Oberm.) Fellingham & N.L.Mey.

Protasparagus divaricatus Oberm. (13)

Perennial. Shrub. Ht ± 0.4–2.5 m. Alt? LIM, M, S, KZN, EC

ecklonii Baker = **A. exuvialis** forma **ecklonii**

edulis (Oberm.) J.-P.Lebrun & Stork

Protasparagus edulis Oberm. (13)

Annual. Dwarf shrub. Ht? Alt? LIM, M, S, FS, KZN, EC

exsertus (Oberm.) Fellingham & N.L.Mey.

Protasparagus exsertus Oberm. (13)

Perennial. Shrub. Ht ± 0.8 m. Alt? WC

exuvialis Burch. forma **ecklonii** (Baker) Fellingham & N.L.Mey.

A. ecklonii Baker (13)

Protasparagus exuvialis (Burch.) Oberm. forma *ecklonii* (Baker) Oberm. (13)

Perennial. Shrub. Ht 0.5–2 m. Alt? LIM, G, M, NC, WC

exuvialis Burch. forma **exuvialis**

Protasparagus exuvialis (Burch.) Oberm. forma *exuvialis* (13)

Perennial. Shrub. Ht ± 0.4–2 m. Alt? N, B, LIM, NW, G, M, FS, NC, WC, EC

falcatus L.

Protasparagus falcatus (L.) Oberm. (13)

Perennial. Climber. Ht ± 0.5–2 m. Alt? LIM, M, S, KZN, EC

falcatus L. var. *ternifolius* (Baker) Jessop, misapplied name = **A. natalensis**

fasciculatus Thunb.

A. consanguineus (Kunth) Baker, misapplied name (13)

Myrsiphyllum fasciculatum (Thunb.) Oberm. (13)

Perennial. Climber. Ht ± 0.4–2 m. Alt? N, FS, NC, WC

fili cladus (Oberm.) Fellingham & N.L.Mey.

Protasparagus fili cladus Oberm. (13)

Perennial. Suffrutex. Ht ± 0.6 m. Alt? WC, EC

flavicaulis (Oberm.) Fellingham & N.L.Mey. subsp. **flavicaulis**

Protasparagus flavicaulis Oberm. subsp. *flavicaulis* (13)

Perennial. Shrub. Ht ± 0.3–1 m. Alt? B, LIM, NW, G, M

flavicaulis (Oberm.) Fellingham & N.L.Mey. subsp. **setulosus** (Oberm.) Fellingham & N.L.Mey.

Protasparagus flavicaulis Oberm. subsp. *setulosus* Oberm. (13)

Perennial. Shrub. Ht ± 0.3 m. Alt? LIM

fouriei (Oberm.) Fellingham & N.L.Mey.

Protasparagus fouriei Oberm. (13)

Perennial. Shrub. Ht ± 1 m. Alt? LIM

fractiflexus (Oberm.) Fellingham & N.L.Mey.

Protasparagus fractiflexus Oberm. (13)

Perennial. Scrambler. Ht ± 1 m. Alt? G, M, KZN

glaucus Kies

Protasparagus glaucus (Kies) Oberm. (13)

Perennial. Shrub. Ht ± 0.5 m. Alt? N, FS, KZN, NC, EC

graniticus (Oberm.) Fellingham & N.L.Mey.

Protasparagus graniticus Oberm. (13)

Perennial. Shrub. Ht ± 1 m. Alt? N, NC

intricatus (Oberm.) Fellingham & N.L.Mey.

Protasparagus intricatus Oberm. (13)

Perennial. Shrub. Ht ± 0.6 m. Alt? LIM, M?, KZN, EC

juniperoides Engl.

Myrsiphyllum juniperoides (Engl.) Oberm. (13)

Perennial. Dwarf shrub. Ht ± 0.2–0.5 m. Alt? N, NC

kraussianus (Kunth) J.F.Macbr.

A. asparagoides in sense of Jessop, not of (L.) Wight in part, misapplied name (13)

Myrsiphyllum kraussianum Kunth (13)

Perennial. Climber. Ht 1–2 m. Alt 50–1530 m. NC, WC

krebsianus (Kunth) Jessop

Asparagopsis krebsiana Kunth (6)

Protasparagus krebsianus (Kunth) Oberm. (13)

Perennial. Dwarf shrub. Ht ± 1 m. Alt 150–1220 m. G, WC, EC

laricinus Burch.

Protasparagus laricinus (Burch.) Oberm. (13)

Perennial. Shrub. Ht ± 0.6–2.5 m. Alt 60–2070 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

lignosus Burm.f.

A. compactus T.M.Salter, misapplied name (13)

Protasparagus compactus (T.M.Salter) Oberm., misapplied name (13)

Protasparagus lignosus (Burm.f.) Oberm. (13)

Perennial. Dwarf shrub. Ht 0.4–1 m. Alt? WC

longicladus N.E.Br.

Protasparagus longicladus (N.E.Br.) B.Mathew (13)

Perennial. Shrub or scrambler. Ht? Alt? N, B

lynetteae (Oberm.) Fellingham & N.L.Mey.

Protasparagus lynetteae Oberm. (13)

Perennial. Scrambler. Ht ± 3 m. Alt? M

macowanii Baker

A. macowanii Baker var. *zuluensis* (N.E.Br.) Jessop, misapplied name (13)

Protasparagus macowanii (Baker) Oberm. (13)

Perennial. Shrub. Ht 1–3 m. Alt 20–2290 m. M, KZN, WC, EC

macowanii Baker var. *zuluensis* (N.E.Br.) Jessop, misapplied name = **A. macowanii**

mariae (Oberm.) Fellingham & N.L.Mey.

Protasparagus mariae Oberm. (13)

Perennial. Shrub. Ht ± 1 m. Alt? WC, EC

microraphis (Kunth) Baker

Asparagopsis microraphis Kunth (2)

Protasparagus microraphis (Kunth) Oberm. (13)

Perennial. Shrub. Ht 0.4–2 m. Alt? M, FS, KZN, L, WC, EC

microraphis in sense of Jessop, not of (Kunth) Baker in part, misapplied name = **A. stellatus**

minutiflorus (Kunth) Baker

Asparagopsis minutiflorus Kunth (13)

Protasparagus minutiflorus (Kunth) Oberm. (13)

- Perennial. Shrub. Ht ± 0.3–0.5 m. Alt? LIM, M, S, KZN
- mollis** (Oberm.) Fellingham & N.L.Mey.
Protasparagus mollis Oberm. (13)
Perennial. Scrambler. Ht? Alt? NC, WC?
- mucronatus** Jessop
Protasparagus mucronatus (Jessop) Oberm. (13)
Perennial. Shrub. Ht 0.4–1.5 m. Alt 20–2100 m. NC, WC, EC
- multiflorus** Baker
Protasparagus multiflorus (Baker) Oberm. (13)
Perennial. Climber or shrub. Ht? Alt? LIM, WC, EC
- multituberosus** R.A.Dyer
A. asparagoides in sense of Jessop, not of (L.) Wight in part, misapplied name (13)
Myrsiphyllum multituberosum (R.A.Dyer) Oberm. (13)
Perennial. Climber. Ht ± 0.4 m. Alt? NC, WC
- natalensis** (Baker) J.-P.Lebrun & Stork
A. aethiopicus L. var. *natalensis* Baker (13)
A. falcatus L. var. *ternifolius* (Baker) Jessop, misapplied name (13)
Protasparagus natalensis (Baker) Oberm. (13)
Perennial. Climber. Ht 0.4–2 m. Alt? LIM, M, S, KZN, WC, EC
- nelsii** Schinz
Protasparagus nelsii (Schinz) Oberm. (13)
Perennial. Shrub. Ht 0.5–1 m. Alt? N, B, LIM, NW, NC
- nodulosus** (Oberm.) J.-P.Lebrun & Stork
Protasparagus nodulosus Oberm. (13)
Perennial. Scandent shrub. Ht? Alt 930–1220 m. N, B, LIM, NW
- obermeyerae* Jessop, misapplied name = **A. schroederi**
- oliveri** (Oberm.) Fellingham & N.L.Mey.
Protasparagus oliveri Oberm. (13)
Perennial. Shrub. Ht 0.15–0.2 m. Alt? WC
- ovatus** T.M.Salter
A. asparagoides in sense of Jessop, not of (L.) Wight in part, misapplied name (13)
Myrsiphyllum ovatum (T.M.Salter) Oberm. (13)
Perennial. Climber. Ht ± 1–1.5 m. Alt? NC, WC, EC
- oxyacanthus** Baker
Protasparagus oxyacanthus (Baker) Oberm. (13)
Perennial. Shrub. Ht ± 1 m. Alt? EC
- pearsonii** Kies
Protasparagus pearsonii (Kies) Oberm. (13)
Perennial. Suffrutex. Ht ± 1 m. Alt? N, NC
- pendulus** (Oberm.) J.-P.Lebrun & Stork
Protasparagus pendulus Oberm. (13)
Perennial. Herb, dwarf shrub. Ht ± 0.3–0.4 m. Alt? N, B
- plumosus** Baker
Protasparagus plumosus (Baker) Oberm. (13)
Perennial. Dwarf shrub. Ht? Alt 20–1880 m. LIM, NW, G, FS, KZN, WC, EC
- racemosus** Willd.
A. saundersiae Baker (13)
Protasparagus racemosus (Willd.) Oberm. (13)
Perennial. Climber or shrub. Ht 0.5–4 m. Alt 40–2900 m. N, B, LIM, M, S, KZN, EC
- ramosissimus** Baker
Myrsiphyllum ramosissimum (Baker) Oberm. (13)
Perennial. Climber. Ht 0.2–2 m. Alt? LIM, G, M, S, FS, KZN, L, WC, EC
- recurvispinus** (Oberm.) Fellingham & N.L.Mey.
Protasparagus recurvispinus Oberm. (13)
Perennial. Shrub. Ht ± 0.5–1 m. Alt? WC, EC
- retrofractus** L.
Protasparagus retrofractus (L.) Oberm. (13)
Perennial. Scrambler or shrub. Ht ± 0.3–3 m. Alt? N, B, NW, NC, WC, EC
- rigidus** Jessop
Protasparagus rigidus (Jessop) Oberm. (13)
Perennial. Shrub. Ht ± 0.5 m. Alt? LIM, M
- rivalis* Burch. ex Kies, misapplied name = **A. cooperi**
- rubicundus** P.J.Bergius
A. thunbergianus Schult. (7)
Protasparagus rubicundus (P.J.Bergius) Oberm. (13)
Perennial. Dwarf shrub. Ht 0.4–1.8 m. Alt 10–680 m. NC?, WC, EC
- saundersiae* Baker = **A. racemosus**
- scandens** Thunb.
Myrsiphyllum scandens (Thunb.) Oberm. (13)
Perennial. Climber. Ht ± 2 m. Alt? WC, EC?
- schroederi** Engl.
A. obermeyeriae Jessop, misapplied name (13)
Protasparagus schroederi (Engl.) Oberm. (13)
Perennial. Shrub. Ht ± 0.5–1 m. Alt? N, B, LIM
- sekukuniensis** (Oberm.) Fellingham & N.L.Mey.
Protasparagus sekukuniensis Oberm. (13)
Perennial. Scandent shrub. Ht ± 2 m. Alt 730–960 m. LIM?, M?
- setaceus** (Kunth) Jessop
Asparagopsis setaceus Kunth (6)
Protasparagus setaceus (Kunth) Oberm. (13)
Perennial. Shrub. Ht 0.4–5 m. Alt? B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- spinescens** Steud. ex Roem. & Schult.
A. suaveolens in sense of Jessop, not of Burch. in part, misapplied name (13)
Protasparagus spinescens (Steud. ex Roem. & Schult.) Oberm. (13)
Perennial. Shrub. Ht ± 0.35 m. Alt? EC
- stellatus** Baker
A. microraphis in sense of Jessop, not of (Kunth) Baker in part, misapplied name (13)
Protasparagus stellatus (Baker) Oberm. (13)
Perennial. Dwarf shrub. Ht ± 2.5 m. Alt? L, EC
- stipulaceus** Lam.
Protasparagus stipulaceus (Lam.) Oberm. (13)
Perennial. Shrub. Ht ± 0.5 m. Alt 20–198 m. WC
- striatus** (L.f.) Thunb.
Dracaena striata L.f. (13)
Protasparagus striatus (L.f.) Oberm. (13)
Perennial. Dwarf shrub. Ht 0.25–1.2 m. Alt 1–1670 m. FS, NC, WC, EC
- suaveolens** Burch.
A. suaveolens in sense of Jessop, not of Burch. in part, misapplied name (13)
Protasparagus suaveolens (Burch.) Oberm. (13)
Perennial. Shrub. Ht ± 0.2–1 m. Alt? N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- suaveolens* in sense of Jessop, not of Burch. in part, misapplied name = **A. burchellii**
- suaveolens* in sense of Jessop, not of Burch. in part, misapplied name = **A. spinescens**
- suaveolens* in sense of Jessop, not of Burch. in part, misapplied name = **A. suaveolens**
- subulatus** Thunb.
Protasparagus subulatus (Thunb.) Oberm. (13)
Perennial. Shrub. Ht ± 2 m. Alt 20–650 m. EC

thunbergianus Schult. = **A. rubicundus**

transvaalensis (Oberm.) Fellingham & N.L.Mey.

Protasparagus transvaalensis Oberm. (13)

Perennial. Shrub. Ht ± 0.6–1 m. Alt? LIM, NW, G, M, S

undulatus (L.f.) Thunb.

Dracaena undulata L.f. (13)

Myrsiphyllum undulatum (L.f.) Oberm. (13)

Perennial. Dwarf shrub. Ht ± 0.3–1.2 m. Alt? N, NC, WC

virgatus Baker

Protasparagus virgatus (Baker) Oberm. (13)

Perennial. Shrub. Ht ± 0.3–1.4 m. Alt 30–1950 m. N, LIM, NW, G, M, S, FS, KZN, NC, EC

volubilis Thunb.

A. asparagoides in sense of Jessop, not of (L.) Wight in part, misapplied name (13)

Myrsiphyllum volubile (Thunb.) Oberm. (13)

Perennial. Climber. Ht ± 1–1.5 m. Alt? NC, WC, EC

MYRSIPHYLLUM Willd. 1113020

alopecurum Oberm. = **Asparagus alopecurus**

asparagoides (L.) Willd., misapplied name = **Asparagus aethiopicus**

declinatum (L.) Oberm. = **Asparagus declinatus**

fasciculatum (Thunb.) Oberm. = **Asparagus fasciculatus**

juniperoides (Engl.) Oberm. = **Asparagus juniperoides**

kraussianum Kunth = **Asparagus kraussianus**

multituberosum (R.A.Dyer) Oberm. = **Asparagus multituberosus**

ovatum (T.M.Salter) Oberm. = **Asparagus ovatus**

ramosissimum (Baker) Oberm. = **Asparagus ramosissimus**

scandens (Thunb.) Oberm. = **Asparagus scandens**

undulatum (L.f.) Oberm. = **Asparagus undulatus**

volubile (Thunb.) Oberm. = **Asparagus volubilis**

PROTASPARAGUS Oberm. 1113010

acocksii (Jessop) Oberm. = **Asparagus acocksii**

aethiopicus (L.) Oberm. = **Asparagus aethiopicus**

africanus (Lam.) Oberm. = **Asparagus africanus**

aggregatus Oberm. = **Asparagus aggregatus**

angusticladus (Jessop) Oberm. = **Asparagus angusticladus**

aspergillus (Jessop) Oberm. = **Asparagus aspergillus**

bayeri Oberm. = **Asparagus bayeri**

bechuanicus (Baker) Oberm. = **Asparagus bechuanicus**

biflorus Oberm. = **Asparagus biflorus**

buchananii (Baker) Oberm. = **Asparagus buchananii**

burchellii (Baker) Oberm. = **Asparagus burchellii**

capensis (L.) Oberm. var. *capensis* = **Asparagus capensis**
var. **capensis**

capensis (L.) Oberm. var. *litoralis* Suess. & Karl = **Asparagus capensis** var. **litoralis**

clareae Oberm. = **Asparagus clareae**

coddii Oberm. = **Asparagus coddii**

compactus (T.M.Salter) Oberm., misapplied name = **Asparagus lignosus**

concinus (Baker) Oberm. & Immelman = **Asparagus concinus**

confertus (K.Krause) Oberm. = **Asparagus confertus**

cooperi (Baker) Oberm. = **Asparagus cooperi**

crassicladus (Jessop) Oberm. = **Asparagus crassicladus**

densiflorus (Kunth) Oberm. = **Asparagus densiflorus**

denudatus (Kunth) Oberm. = **Asparagus denudatus**

devenishii Oberm. = **Asparagus devenishii**

divaricatus Oberm. = **Asparagus divaricatus**

edulis Oberm. = **Asparagus edulis**

exsertus Oberm. = **Asparagus exsertus**

exuvialis (Burch.) Oberm. forma *ecklonii* (Baker) Oberm. = **Asparagus exuvialis** forma **ecklonii**

exuvialis (Burch.) Oberm. forma *exuvialis* = **Asparagus exuvialis** forma **exuvialis**

falcatus (L.) Oberm. = **Asparagus falcatus**

fili cladus Oberm. = **Asparagus fili cladus**

flavicaulis Oberm. subsp. *flavicaulis* = **Asparagus flavicaulis** subsp. **flavicaulis**

flavicaulis Oberm. subsp. *setulosus* Oberm. = **Asparagus flavicaulis** subsp. **setulosus**

fouriei Oberm. = **Asparagus fouriei**

fractiflexus Oberm. = **Asparagus fractiflexus**

glaucus (Kies) Oberm. = **Asparagus glaucus**

graniticus Oberm. = **Asparagus graniticus**

intricatus Oberm. = **Asparagus intricatus**

krebsianus (Kunth) Oberm. = **Asparagus krebsianus**

laricinus (Burch.) Oberm. = **Asparagus laricinus**

lignosus (Burm.f.) Oberm. = **Asparagus lignosus**

longicladus (N.E.Br.) B.Mathew = **Asparagus longicladus**

lynetteae Oberm. = **Asparagus lynetteae**

macowanii (Baker) Oberm. = **Asparagus macowanii**

mariae Oberm. = **Asparagus mariae**

microraphis (Kunth) Oberm. = **Asparagus microraphis**

minutiflorus (Kunth) Oberm. = **Asparagus minutiflorus**

mollis Oberm. = **Asparagus mollis**

mucronatus (Jessop) Oberm. = **Asparagus mucronatus**

multiflorus (Baker) Oberm. = **Asparagus multiflorus**

natalensis (Baker) Oberm. = **Asparagus natalensis**

nelsii (Schinz) Oberm. = **Asparagus nelsii**

nodulosus Oberm. = **Asparagus nodulosus**

oliveri Oberm. = **Asparagus oliveri**

oxyacanthus (Baker) Oberm. = **Asparagus oxyacanthus**

pearsonii (Kies) Oberm. = **Asparagus pearsonii**

pendulus Oberm. = **Asparagus pendulus**

plumosus (Baker) Oberm. = **Asparagus plumosus**

racemosus (Willd.) Oberm. = **Asparagus racemosus**

recurvispinus Oberm. = **Asparagus recurvispinus**

retrofractus (L.) Oberm. = **Asparagus retrofractus**

rigidus (Jessop) Oberm. = **Asparagus rigidus**

rubicundus (P.J.Bergius) Oberm. = **Asparagus rubicundus**

schroederi (Engl.) Oberm. = **Asparagus schroederi**

sekukuniensis Oberm. = **Asparagus sekukuniensis**

setaceus (Kunth) Oberm. = **Asparagus setaceus**
spinescens (Steud. ex Roem. & Schult.) Oberm. =
Asparagus spinescens
stellatus (Baker) Oberm. = **Asparagus stellatus**
stipulaceus (Lam.) Oberm. = **Asparagus stipulaceus**

striatus (L.f.) Oberm. = **Asparagus striatus**
suaveolens (Burch.) Oberm. = **Asparagus suaveolens**
subulatus (Thunb.) Oberm. = **Asparagus subulatus**
transvaalensis Oberm. = **Asparagus transvaalensis**
virgatus (Baker) Oberm. = **Asparagus virgatus**

ASPHODELACEAE

Compiled by H.F. Glen, G.F. Smith, I. Breuer, E.M.A. Steyn, C. Archer,
 J.C. Manning, G. Williamson, E.J. van Jaarsveld & N.L. Meyer

ALETRIS L. in part 1143000

sarmentosa Andrews = **Kniphofia sarmentosa**
uvaria (L.) L. = **Kniphofia uvaria**

ALOE L. 1026000

Compiled by H.F. Glen & G.F. Smith

- (1) Pole Evans. 1921. *The Flowering Plants of South Africa* 1: tt. 2, 17, 18.
- (2) Pole Evans. 1922. *The Flowering Plants of South Africa* 2: tt. 41, 55, 62.
- (3) Pole Evans. 1923. *The Flowering Plants of South Africa* 3: tt. 86, 96, 107, 111.
- (4) Pole Evans. 1924. *The Flowering Plants of South Africa* 4: tt. 124, 149, 151, 155, 160.
- (5) Pole Evans. 1925. *The Flowering Plants of South Africa* 5: tt. 164, 169, 171, 178, 180, 187.
- (6) Pole Evans. 1926. *The Flowering Plants of South Africa* 6: tt. 201, 221.
- (7) Pole Evans. 1928. *The Flowering Plants of South Africa* 8: tt. 303, 315.
- (8) Pole Evans. 1929. *The Flowering Plants of South Africa* 9: tt. 333, 342, 358.
- (9) Pole Evans. 1930. *The Flowering Plants of South Africa* 10: t. 371.
- (10) Dyer. 1931. *The Flowering Plants of South Africa* 11: tt. 435, 439.
- (11) Pole Evans. 1931. *The Flowering Plants of South Africa* 11: tt. 432, 433, 437.
- (12) Letty. 1934. *The Flowering Plants of South Africa* 14: tt. 553, 555, 558.
- (13) Pole Evans. 1934. *The Flowering Plants of South Africa* 14: tt. 554, 557.
- (14) Pole Evans. 1935. *The Flowering Plants of South Africa* 15: tt. 571, 578.
- (15) Christian. 1936. *The Flowering Plants of South Africa* 16: tt. 630, 638–640.
- (16) Pole Evans. 1936. *The Flowering Plants of South Africa* 16: tt. 604–606, 608–612, 628, 634–636.
- (17) Reynolds. 1936. *The Flowering Plants of South Africa* 16: tt. 601–603, 607, 633, 637.
- (18) Pole Evans. 1937. *The Flowering Plants of South Africa* 17: t. 651.
- (19) Christian. 1938. *The Flowering Plants of South Africa* 18: tt. 697–699.
- (20) Pole Evans. 1938. *The Flowering Plants of South Africa* 18: tt. 707–710, 720.
- (21) Reynolds. 1938. *The Flowering Plants of South Africa* 18: tt. 692, 707–710, 720.
- (22) Pole Evans. 1939. *The Flowering Plants of South Africa* 19: tt. 731–733, 759.
- (23) Christian. 1940. *The Flowering Plants of South Africa* 20: tt. 781, 782, 785, 797, 799.
- (24) Pole Evans. 1940. *The Flowering Plants of South Africa* 20: tt. 761–763.
- (25) Reynolds. 1940. *The Flowering Plants of South Africa* 20: t. 764.
- (26) Verdoorn & Christian. 1940. *The Flowering Plants of South Africa* 20: t. 798.
- (27) Dyer. 1941. *The Flowering Plants of South Africa* 21: tt. 805, 838.
- (28) Van der Merwe. 1941. *The Flowering Plants of South Africa* 21: t. 802.
- (29) Dyer. 1942. *The Flowering Plants of South Africa* 22: t. 879.
- (30) Reynolds. 1942. *The Flowering Plants of South Africa* 22: t. 849.
- (31) Dyer. 1943. *The Flowering Plants of South Africa* 23: t. 910.
- (32) Verdoorn. 1943. *The Flowering Plants of South Africa* 23: tt. 882, 911.
- (33) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 945.
- (34) Van der Merwe. 1944. *The Flowering Plants of South Africa* 24: t. 923.
- (35) Christian. 1945. *The Flowering Plants of Africa* 25: t. 991.
- (36) Reynolds. 1945. *The Flowering Plants of Africa* 25: t. 980.

- (37) Verdoorn & Christian. 1945. *The Flowering Plants of Africa* 25: t. 987.
- (38) Verdoorn & Christian. 1947. *The Flowering Plants of Africa* 26: tt. 1014, 1015, 1016.
- (39) Christian. 1951. *The Flowering Plants of Africa* 28: t. 1091.
- (40) Dyer. 1951. *The Flowering Plants of Africa* 28: t. 1120.
- (41) Verdoorn. 1951. *The Flowering Plants of Africa* 28: t. 1112.
- (42) Reynolds. 1952. *The Flowering Plants of Africa* 29: t. 1122.
- (43) Verdoorn. 1952. *The Flowering Plants of Africa* 29: t. 1126.
- (44) Reynolds. 1953. *The Flowering Plants of Africa* 29: t. 1151.
- (45) Reynolds. 1956. *The Flowering Plants of Africa* 31: t. 1234.
- (46) Verdoorn. 1956. *The Flowering Plants of Africa* 31: t. 1214.
- (47) Verdoorn. 1961. *The Flowering Plants of Africa* 34: tt. 1341, 1342.
- (48) Verdoorn. 1962. *The Flowering Plants of Africa* 35: tt. 1382, 1390, 1391.
- (49) Verdoorn. 1963. *The Flowering Plants of Africa* 36: tt. 1401, 1402, 1419.
- (50) Verdoorn. 1965. *The Flowering Plants of Africa* 37: t. 1453.
- (51) Verdoorn. 1966. *The Flowering Plants of Africa* 37: tt. 1466, 1467.
- (52) Verdoorn. 1967. *The Flowering Plants of Africa* 38: t. 1517.
- (53) Verdoorn & Hardy. 1967. *The Flowering Plants of Africa* 38: t. 1516.
- (54) Verdoorn. 1969. *The Flowering Plants of Africa* 39: t. 1522.
- (55) Hardy. 1970. *The Flowering Plants of Africa* 40: t. 1594.
- (56) Verdoorn. 1970. *The Flowering Plants of Africa* 40: t. 1595.
- (57) Verdoorn & Hardy. 1970. *The Flowering Plants of Africa* 40: t. 1598.
- (58) Lavranos. 1971. *The Flowering Plants of Africa* 41: tt. 1610, 1611.
- (59) Verdoorn. 1972. *The Flowering Plants of Africa* 42: t. 1654.
- (60) Verdoorn. 1977. *The Flowering Plants of Africa* 44: t. 1730.
- (61) Dyer. 1978. *The Flowering Plants of Africa* 45: t. 1765.
- (62) Verdoorn. 1978. *The Flowering Plants of Africa* 45: tt. 1752, 1753, 1764.
- (63) Lavranos. 1979. *The Flowering Plants of Africa* 46: t. 1801.
- (64) Obermeyer. 1979. *The Flowering Plants of Africa* 45: tt. 1789, 1802.
- (65) Verdoorn. 1979. *The Flowering Plants of Africa* 45: t. 1788.
- (66) Reynolds. 1982. *The aloes of South Africa*, edn 4.
- (67) Hardy. 1984. *The Flowering Plants of Africa* 48: tt. 1881–1885.
- (68) Hardy. 1985. *The Flowering Plants of Africa* 48: tt. 1901, 1902.
- (69) Glen & Hardy. 1986. *The Flowering Plants of Africa* 49: tt. 1935, 1936.
- (70) Hardy. 1986. *The Flowering Plants of Africa* 49: t. 1934.
- (71) Glen. 1987. *The Flowering Plants of Africa* 49: t. 1942.
- (72) Glen & Hardy. 1987. *The Flowering Plants of Africa* 49: tt. 1943, 1944.
- (73) Hardy & Glen. 1987. *The Flowering Plants of Africa* 49: t. 1941.
- (74) Glen. 1988. *The Flowering Plants of Africa* 50: t. 1972.
- (75) Glen & Hardy. 1988. *The Flowering Plants of Africa* 50: t. 1973.
- (76) Hardy. 1988. *The Flowering Plants of Africa* 50: t. 1971.
- (77) Hardy. 1989. *The Flowering Plants of Africa* 50: t. 1981.
- (78) Lavranos & Glen. 1989. *The Flowering Plants of Africa* 50: t. 1982.
- (79) Glen & Hardy. 1990. *The Flowering Plants of Africa* 51: tt. 2010–2012.
- (80) Glen *et al.* 1990. *The Flowering Plants of Africa* 51: t. 2009.
- (81) Glen & Hardy. 1992. *The Flowering Plants of Africa* 52: tt. 2047, 2048.
- (82) Glen *et al.* 1992. *The Flowering Plants of Africa* 52: t. 2046.
- (83) Glen. 1993. *The Flowering Plants of Africa* 52: t. 2064.
- (84) Glen & Craib. 1993. *The Flowering Plants of Africa* 52: t. 2063.
- (85) Glen & Hardy. 1993. *The Flowering Plants of Africa* 52: tt. 2065, 2066.
- (86) Smith *et al.* 1994. *Flowering Plants of Africa* 53: tt. 80–84.
- (87) Glen & Hardy. 2000. *FSA* 5: 1–167.
- (88) Smith *et al.* 2001. *Flowering Plants of Africa* 57: 16–22.

acinacifolia J.Jacq. = **Gasteria acinacifolia**

acinacifolia J.Jacq. var. *venusta* (Haw.) Salm-Dyck = **Gasteria acinacifolia**

aculeata Pole Evans

Perennial. Herb, succulent. Ht 0.7–1.8 m. Alt 500–1675 m. B, LIM

acuminata Haw. = **A. humilis**

affinis A. Berger

A. immaculata Pillans (88)

Perennial. Herb, succulent. Ht 0.2–0.3 m. Alt 1200–2000 m. LIM, G, M

africana Mill.

A. africana Mill. var. *angustior* Haw. (87)

A. africana Mill. var. *latifolia* Haw. (87)

A. angustifolia Haw. (87)

A. bolusii Baker (87)

A. perfoliata L. var. β L. (87)

Pachidendron africanum (Mill.) Haw. (87)

Pachidendron africanum (Mill.) Haw. var. *angustum* Haw. (87)

Pachidendron africanum (Mill.) Haw. var. *latum* Haw. (87)

Pachidendron angustifolium (Haw.) Haw. (87)

Perennial. Tree, shrub, succulent. Ht 2–4 m. Alt 75–300 m. WC, EC

africana Mill. var. *angustior* Haw. = **A. africana**

africana Mill. var. *latifolia* Haw. = **A. africana**

agrophila Reynolds = **A. ecklonis**

albicans Haw. = **Haworthia marginata**

albida (Stapf) Reynolds

A. kraussii Baker var. *minor* Baker (87)

A. myriacantha (Haw.) Schult. & Schult.f. var. *minor* (Baker) A. Berger (87)

Leptaloe albida Stapf (87)

Perennial. Herb, succulent. Ht 70–150 mm. Alt 1500–1770 m. M, S

albispina Haw. = **A. perfoliata**

alboinecta Haw. = **A. striata** subsp. **striata**

aloooides (Bolus) Druten

A. recurvifolia Groenew. (87)

Notosceptrum aloooides (Bolus) Benth. (87)

Urginea aloooides Bolus (87)

Perennial. Tree, shrub, succulent. Ht 2–4 m. Alt 1200–1800 m. M

altilinea (Haw.) Schult. & Schult.f. = **Haworthia**

mucronata var. **mucronata**

ammophila Reynolds = **A. zebrina**

amoena Pillans = **A. microstigma** subsp. **framesii**

angelica Pole Evans

Perennial. Tree, shrub, succulent. Ht 2–3 m. Alt 500–1700 m. LIM

angolensis Baker

A. esculenta L.C. Leach (87)

A. littoralis Baker \times *A. zebrina* Baker (87)

Perennial. Herb, succulent. Ht 0.3–1 m. Alt 1000–1400 m. N, B

angulata Willd. = **Gasteria carinata** var. **carinata**

angustifolia (Aiton) Salm-Dyck = **Gasteria disticha**

angustifolia Groenew. = **A. zebrina**

angustifolia Haw. = **A. africana**

arachnoides Thunb. = **Haworthia arachnoidea** var. **arachnoidea**

arachnoides Thunb. var. *pellucens* Salm-Dyck = **Haworthia herbacea** var. **herbacea**

arboorea Medik. = **A. arborescens**

arborescens Mill.

A. arboorea Medik. (87)

A. arborescens Mill. var. *frutescens* (Salm-Dyck) Link (87)

A. arborescens Mill. var. *milleri* A. Berger (87)

A. arborescens Mill. var. *natalensis* (J.M. Wood & M.S. Evans) A. Berger (87)

A. arborescens Mill. var. *pachythyrsa* A. Berger (87)

A. frutescens Salm-Dyck (87)

A. fruticosa Lam. (87)

A. mutabilis Pillans (87)

A. natalensis J.M. Wood & M.S. Evans (87)

Catevala arborescens (Mill.) Medik. (87)

Perennial. Shrub, succulent. Ht 0.8–3 m. Alt 10–1900 m. B, LIM, NW, G, M, S, KZN, WC, EC

arborescens Mill. var. *frutescens* (Salm-Dyck) Link = **A. arborescens**

arborescens Mill. var. *milleri* A. Berger = **A. arborescens**

arborescens Mill. var. *natalensis* (J.M. Wood & M.S. Evans) A. Berger = **A. arborescens**

arborescens Mill. var. *pachythyrsa* A. Berger = **A. arborescens**

arenicola Reynolds

Perennial. Herb, succulent. Ht 0.1–0.3 m. Alt 0–5 m. WC

argenticauda Merxm. & Giess

Perennial. Herb, succulent. Ht up to 0.4 m. Alt 1000–1300 m. N

aristata Haw.

A. aristata Haw. var. *leiophylla* Baker (87)

A. aristata Haw. var. *parviflora* Baker (87)

A. ellenbergii Guillaumin (87)

A. longiaristata Schult. & Schult.f. (87)

Perennial. Herb, succulent. Ht 0.1–0.91 m. Alt 300–2125 m. FS, KZN, L, WC, EC

aristata Haw. var. *leiophylla* Baker = **A. aristata**

aristata Haw. var. *parviflora* Baker = **A. aristata**

aspera in sense of Salm-Dyck (1817), not of Salm-Dyck (1840), illegitimate name = **Astroloba corrugata**

asperifolia A. Berger

Perennial. Herb, succulent. Ht 0.15–0.3 m. Alt 0–1250 m. N

asperiuscula (Haw.) Schult. & Schult.f. = **Haworthia viscosa**

atherstonei Baker = **A. pluridens**

atrovirens DC. = **Haworthia herbacea** var. **herbacea**

attenuata Haw. = **Haworthia attenuata** var. **attenuata**

aurantiaca Baker = **A. striatula** var. **striatula**

ausana Dinter = **A. variegata**

bainesii T.-Dyer = **A. barberae**

bainesii T.-Dyer var. *barberae* (T.-Dyer) Baker = **A. barberae**

bamangwatensis Schönland = **A. zebrina**

barberae T.-Dyer

A. bainesii T.-Dyer (87)

A. bainesii T.-Dyer var. *barberae* (T.-Dyer) Baker (87)

Perennial. Tree, succulent. Ht 5–22 m. Alt 170–610 m. M, S, KZN, EC

barbertoniae Pole Evans = **A. greathedii** var. **davyana**

baumii Engl. & Gilg = **A. zebrina**

bicarinata (Haw.) Schult. & Schult.f. = \times **Astroworthia bicarinata**

- bicolor* (Haw.) Schult. & Schult.f. = **Gasteria bicolor** var. **bicolor**
- boastii* Letty = **A. chortolirioides** var. **chortolirioides**
- bolusii* Baker = **A. africana**
- boureana* Schult. & Schult.f. = **Gasteria bicolor** var. **bicolor**
- bowiea** Schult. & Schult.f.
Bowiea africana Haw. (87)
Chamaealoe africana (Haw.) A.Berger (87)
 Perennial. Herb, geophyte, succulent. Ht 0.07–0.1 m. Alt 0–100 m. EC
- bowieana* Salm-Dyck = **Gasteria bicolor** var. **bicolor**
- boylei* Baker = **A. ecklonis**
- boylei* Baker subsp. *major* Hilliard & B.L.Burt = **A. ecklonis**
- brachyphylla* Salm-Dyck = **Gasteria brachyphylla** var. **brachyphylla**
- bradlyana* Jacq. = **Haworthia herbacea** var. **herbacea**
- branddraaiensis** Groenew.
 Perennial. Herb, succulent. Ht 0.2–0.3 m. Alt 850–1000 m. LIM, M
- brevifolia** Mill. var. **brevifolia**
A. brevifolia Mill. var. *postgenita* (Schult. & Schult.f.) Baker (87)
A. perfoliata L. var. δ L. (87)
A. perfoliata L. var. ζ L. (87)
A. postgenita Schult. & Schult.f. (87)
A. prolifera Haw. (87)
A. prolifera Haw. var. *major* Salm-Dyck (87)
 Perennial. Herb, succulent. Ht 0.1–0.15 m. Alt 0–75 m. WC
- brevifolia** Mill. var. **depressa** (Haw.) Baker
A. brevifolia Mill. var. *serra* (DC.) A.Berger (87)
A. depressa Haw. (87)
A. serra DC. (87)
 Perennial. Herb, succulent. Ht 0.15–0.3 m. Alt 0–100 m. WC
- brevifolia* Mill. var. *postgenita* (Schult. & Schult.f.) Baker = **A. brevifolia** var. **brevifolia**
- brevifolia* Mill. var. *serra* (DC.) A.Berger = **A. brevifolia** var. **depressa**
- broomii** Schönland var. **broomii**
 Perennial. Dwarf shrub, herb, succulent. Ht 0.5–1 m. Alt 1000–1890 m. FS, L, NC, WC, EC
- broomii** Schönland var. **tarkaensis** Reynolds
 Perennial. Dwarf shrub, herb, succulent. Ht 0.5–1 m. Alt 1200–1550 m. NC, EC
- brunthaleri* A.Berger ex Cammerloher = **A. microstigma** subsp. **microstigma**
- buettneri** A.Berger
A. paedogona A.Berger (87)
 Perennial. Herb, geophyte, succulent. Ht 0.3–0.85 m. Alt 850–1050 m. N
- buhrii** Lavranos
 Perennial. Dwarf shrub, herb, succulent. Ht 0.3–0.7 m. Alt 900–1700 m. NC
- bullulata* Jacq. = **Astroloba bullulata**
- burgersfortensis* Reynolds = **A. parvibracteata**
- candelabrum* A.Berger = **A. ferox**
- candidans* (Haw.) Schult. & Schult.f. = **Gasteria acinacifolia**
- carinata* DC. = **Gasteria carinata** var. **verrucosa**
- carinata* Mill. = **Gasteria carinata** var. **carinata**
- carinata* Mill. var. *laevior* Salm-Dyck = **Gasteria carinata** var. **carinata**
- carinata* Mill. var. *subglabra* Haw. = **Gasteria carinata** var. **carinata**
- carowii* Reynolds = **A. sladeniana**
- cascadensis* Kuntze = **A. striatula** var. **striatula**
- castanea** Schönland
 Perennial. Tree, shrub, succulent. Ht 2–4 m. Alt 1000–1980 m. LIM, G, M, S
- chabaudii** Schönland var. **chabaudii**
 Perennial. Dwarf shrub, herb, succulent. Ht 0.3–0.65 m. Alt 15–1675 m. B, LIM, M, S, KZN
- chimanianiensis* Christian = **A. swynnertonii**
- chloracantha* (Haw.) Schult. & Schult.f. = **Haworthia chloracantha** var. **chloracantha**
- chlorantha** Lavranos
 Perennial. Dwarf shrub, herb, succulent. Ht 0.5–1 m. Alt 1250–1450 m. NC
- chortolirioides* A.Berger var. *boastii* (Letty) Reynolds = **A. chortolirioides** var. **chortolirioides**
- chortolirioides** A.Berger var. **chortolirioides**
A. boastii Letty (87)
A. chortolirioides A.Berger var. *boastii* (Letty) Reynolds (87)
 Perennial. Dwarf shrub, herb, succulent. Ht 0.2–0.3 m. Alt 152–1525 m. LIM, M, S
- chortolirioides** A.Berger var. **woolliana** (Pole Evans) Glen & D.S.Hardy
A. woolliana Pole Evans (87)
 Perennial. Dwarf shrub, herb, succulent. Ht 0.3–0.4 m. Alt 1100–2000 m. LIM, M, S
- ciliaris** Haw. var. **ciliaris**
A. ciliaris Haw. var. *flanaganii* Schönland (87)
 Perennial. Shrub, succulent. Ht 2–3.6 m. Alt 60–460 m. WC, EC
- ciliaris* Haw. var. *flanaganii* Schönland = **A. ciliaris** var. **ciliaris**
- ciliaris** Haw. var. **redacta** S.Carter
 Perennial. Shrub, succulent. Ht up to 3 m. Alt 0–100 m. EC
- ciliaris** Haw. var. **tidmarshii** Schönland
A. tidmarshii (Schönland) F.S.Mull. (87)
 Perennial. Shrub, succulent. Ht up to 3 m. Alt 0–600 m. EC
- claviflora** Burch.
A. decora Schönland (87)
A. schlechteri Schönland (87)
 Perennial. Herb, succulent. Ht 0.22–0.91 m. Alt 275–1280 m. N, NW, FS, NC, WC, EC
- coarctata* (Haw.) Schult. & Schult.f. = **Haworthia coarctata** var. **coarctata** forma **coarctata**
- commelinii* Willd. = **A. perfoliata**
- commixta** A.Berger
 Perennial. Shrub, succulent. Ht \pm 1.5 m. Alt 0–200 m. WC
- comosa** Marloth & A.Berger
 Perennial. Tree, succulent. Ht 1–2 m. Alt 300–650 m. WC

comosibracteata Reynolds = **A. greatheadii** var. **davyana**
comptonii Reynolds = **A. perfoliata**
concinna Schult. & Schult.f. = **Haworthia viscosa**
congesta Salm-Dyck = **Astroloba congesta**
conspurcata Salm-Dyck = **Gasteria disticha**
constricta Baker = **A. zebrina**
cooperi Baker subsp. **cooperi**
A. schmidtiana Regel (87)
 Perennial. Herb, succulent. Ht 0.6–1.2 m. Alt 45–1700 m.
 LIM, M, S, FS, KZN
cooperi Baker subsp. **pulchra** Glen & D.S.Hardy
 Perennial. Herb, succulent. Ht 0.6–1.2 m. Alt 45–1700 m.
 S, KZN
corallina I. Verd.
 Perennial. Shrub, dwarf shrub, succulent. Ht 0.5–1.1 m.
 Alt 600–1200 m. N
cordifolia (Haw.) Schult. & Schult.f. = **Haworthia viscosa**
crassifolia (Haw.) Schult. & Schult.f. = **Gasteria disticha**
croucheri Hook.f. = **Gasteria croucheri**
cryptopoda Baker
A. pienaarii Pole Evans (87)
A. wickensii Pole Evans var. *lutea* Reynolds (87)
A. wickensii Pole Evans var. *wickensii* (87)
 Perennial. Shrub, dwarf shrub, succulent. Ht 0.91–
 2.74 m. Alt 460–1220 m. B, LIM, NW, G, M, S
cymbaefolia Schrad. = **Haworthia cymbiformis** var. **cymbi-**
formis
cymbiformis Haw. = **Haworthia cymbiformis** var. **cymbi-**
formis
dabenorisana Van Jaarsv.
 Perennial. Dwarf shrub, succulent. Ht up to 300 mm.
 Alt 900–1000 m. NC
davyana Schönland = **A. greatheadii** var. **davyana**
davyana Schönland var. *subulifera* Groenew. = **A. great-**
headii var. **davyana**
decipiens (Haw.) Schult. & Schult.f. = **Gasteria nitida**
 var. **nitida**
decora Schönland = **A. claviflora**
depressa Haw. = **A. brevifolia** var. **depressa**
dewetii Reynolds
 Perennial. Dwarf shrub, succulent. Ht 1.5–1.8 m. Alt 155–
 915 m. S, KZN
dewinteri Giess
 Perennial. Shrub, dwarf shrub, succulent. Ht up to 0.8 m.
 Alt 600–1200 m. N
dichotoma Masson var. **dichotoma**
A. dichotoma Masson var. *montana* (Schinz) A. Berger (87)
A. montana Schinz (87)
A. ramosa Haw. (87)
Rhipidodendron dichotomum (Masson) Willd. (87)
 Perennial. Tree, succulent. Ht 3–9 m. Alt 610–915 m. N,
 NC
dichotoma Masson var. *montana* (Schinz) A. Berger = **A.**
dichotoma var. **dichotoma**
dichotoma Masson var. **ramosissima** (Pillans) Glen &
 D.S.Hardy
 Perennial. Tree, succulent. Ht 3–9 m. Alt 610–915 m.
 N, NC

dictyodes Schult. & Schult.f. = **Gasteria bicolor** var.
bicolor
dinteri A. Berger
 Perennial. Herb, succulent. Ht 0.15–0.2 m. Alt 600–
 1500 m. N
distans Haw. = **A. perfoliata**
disticha (Haw.) Schult. & Schult.f. = **Gasteria disticha**
disticha L. in part = **Gasteria carinata** var. **carinata**
disticha L. in part = **Gasteria carinata** var. **verrucosa**
disticha L. in part = **Gasteria disticha**
disticha L. var. *plicatilis* L. = **A. plicatilis**
disticha Thunb. = **Gasteria carinata** var. **thunbergii**
dolomitica Groenew. = **A. vryheidensis**
dominella Reynolds
 Perennial. Herb, succulent. Ht 0.3–0.4 m. Alt 900–
 1900 m. S, KZN
dyeri Schönland
 Perennial. Herb, succulent. Ht 1.5–1.8 m. Alt 500–
 1500 m. LIM, M, S
echinata Willd. = **A. humilis**
echinata Willd. var. *minor* Salm-Dyck = **A. humilis**
ecklonis Salm-Dyck
A. agrophila Reynolds (87)
A. boylei Baker (87)
A. boylei Baker subsp. *major* Hilliard & B.L. Burt (87)
A. hlangapies Groenew. (87)
A. kraussii Baker (87)
 Perennial. Herb, succulent. Ht 0.5–1 m. Alt 90–2395 m.
 LIM, M, S, FS, KZN, L, EC
ellenbergii Guillaumin = **A. aristata**
elongata Salm-Dyck = **Gasteria trigona**
ensifolia (Haw.) Schult. & Schult.f. = **Gasteria acinaci-**
folia
erecta (Haw.) Salm-Dyck var. *laetevirens* Salm-Dyck =
Haworthia minima var. **minima**
erinacea Hardy
 Perennial. Dwarf shrub, herb, succulent. Ht 0.4–0.8 m.
 Alt 900–1350 m. N
esculenta L.C. Leach = **A. angolensis**
excavata Willd. = **Gasteria carinata** var. **carinata**
excelsa A. Berger
 Perennial. Tree, succulent. Ht 2–4 m. Alt 250–1250 m.
 B, LIM
falcata Baker
 Perennial. Dwarf shrub, succulent. Ht 0.2–0.6 m. Alt
 0–1050 m. NC, WC
fasciata (Willd.) Haw. var. *major* Salm-Dyck = **Ha-**
worthia fasciata
fasciata (Willd.) Haw. var. *minor* Salm-Dyck = **Ha-**
worthia fasciata
ferox Mill.
A. candelabrum A. Berger (87)
A. ferox Mill. var. *galpinii* (Baker) Reynolds (87)
A. ferox Mill. var. *incurva* Baker (87)
A. galpinii Baker (87)
A. perfoliata L. var. *ε* L. (87)
A. perfoliata L. var. *γ* L. (87)
A. perfoliata L. var. *θ* (Mill.) Aiton (87)
A. perfoliata L. var. *ζ* Willd. (87)

- A. perfoliata* Thunb. (87)
A. pseudo-ferox Salm-Dyck (87)
A. subferox Spreng. (87)
A. supralaevis Haw. (87)
A. supralaevis Haw. var. *erythrocarpa* A.Berger (87)
Pachidendron ferox (Mill.) Haw. (87)
Pachidendron pseudo-ferox (Salm-Dyck) Haw. (87)
Pachidendron supralaeve (Haw.) Haw. (87)
 Perennial. Tree, succulent. Ht 2–5 m. Alt 10–670 m. KZN, L, WC, EC
- ferox* Mill. var. *galpinii* (Baker) Reynolds = **A. ferox**
ferox Mill. var. *incurva* Baker = **A. ferox**
ferox Mill. var. *xanthostachys* A.Berger = **A. marlothii** subsp. **marlothii**
- flabelliformis* Salisb. = **A. plicatilis**
flavisipina Haw. = **A. perfoliata**
foliolosa Haw. = **Astroloba foliolosa**
formosa Schult. & Schult.f. = **Gasteria brachyphylla** var. **brachyphylla**
- fosteri** Pillans
 Perennial. Herb, succulent. Ht 0.2–1.2 m. Alt 200–1220 m. LIM, M
- fouriei** D.S.Hardy & Glen
 Perennial. Herb, succulent. Ht 0.15–0.3 m. Alt 1000–1650 m. LIM, M
- framesii* L.Bolus = **A. microstigma** subsp. **framesii**
frutescens Salm-Dyck = **A. arborescens**
fruticosa Lam. = **A. arborescens**
galpinii Baker = **A. ferox**
- gariensis** Pillans
 Perennial. Shrub, succulent. Ht up to 1.5 m. Alt 140–700 m. N, NC
- gerstneri** Reynolds
 Perennial. Shrub, succulent. Ht 0.4–1.3 m. Alt 300–900 m. KZN
- glabra* (Haw.) Salm-Dyck = **Gasteria carinata** var. **carinata**
glabrata Salm-Dyck = **Haworthia glabrata**
- glauca** Mill.
A. glauca Mill. var. *elatior* Salm-Dyck (87)
A. glauca Mill. var. *humilior* Salm-Dyck (87)
A. glauca Mill. var. *major* Haw. (87)
A. glauca Mill. var. *minor* Haw. (87)
A. glauca Mill. var. *muricata* (Schult.) Baker (87)
A. glauca Mill. var. *spinosior* Haw. (87)
A. muricata Schult. (87)
A. perfoliata L. var. κ L. (87)
A. rhodacantha DC. (87)
 Perennial. Shrub, succulent. Ht 0.3–0.6 m. Alt 200–1250 m. NC, WC
- glauca* Mill. var. *elatior* Salm-Dyck = **A. glauca**
glauca Mill. var. *humilior* Salm-Dyck = **A. glauca**
glauca Mill. var. *major* Haw. = **A. glauca**
glauca Mill. var. *minor* Haw. = **A. glauca**
glauca Mill. var. *muricata* (Schult.) Baker = **A. glauca**
glauca Mill. var. *spinosior* Haw. = **A. glauca**
- globuligemma** Pole Evans
 Perennial. Dwarf shrub, succulent. Ht 0.1–1.2 m. Alt 460–915 m. B, LIM, M
- graciliflora* Groenew. = **A. greatheadii** var. **davyana**
gracilis Haw.
- A. gracilis* Haw. var. *decumbens* Reynolds (67)
A. laxiflora N.E.Br. (66 or 87)
 Perennial. Shrub, succulent. Ht up to 2 m. Alt 80–1000 m. WC, EC
- gracilis* Haw. var. *decumbens* Reynolds = **A. gracilis**
granata (Willd.) Salm-Dyck var. *major* Salm-Dyck = **Haworthia minima** var. **minima**
granata (Willd.) Salm-Dyck var. *minor* Salm-Dyck = **Haworthia minima** var. **minima**
granata (Willd.) Schult. & Schult.f. = **Haworthia minima** var. **minima**
- grandidentata** Salm-Dyck
 Perennial. Herb, succulent. Ht 0.2–0.8 m. Alt 900–1675 m. B, NW, FS, NC, WC, EC
- greatheadii** Schönland var. **davyana** (Schönland) Glen & D.S.Hardy
A. barbertoniae Pole Evans (87)
A. comosibracteata Reynolds (87)
A. davyana Schönland (87)
A. davyana Schönland var. *subolifera* Groenew. (87)
A. graciliflora Groenew. (87)
A. labiaflava Groenew. (87)
A. longibracteata Pole Evans (87)
A. mutans Reynolds (87)
A. verdoorniae Reynolds (87)
 Perennial. Herb, succulent. Ht 0.2–1.4 m. Alt 725–2100 m. LIM, NW, G, M, S, FS, KZN
- greatheadii** Schönland var. **greatheadii**
A. pallidiflora A.Berger (87)
 Perennial. Herb, succulent. Ht 0.15–0.3 m. Alt 700–1890 m. B, LIM, G, M
- greenii** Baker
 Perennial. Herb, succulent. Ht up to 1.2 m. Alt 0–1000 m. KZN
- haemanthifolia** A.Berger & Marloth
 Perennial. Herb, succulent. Ht 0.4–0.7 m. Alt 500–1675 m. WC
- hanburiana* Naudin = **A. striata** subsp. **striata**
- hardyi** Glen
 Perennial. Shrub, succulent. Ht up to 1.75 m. Alt 850–1350 m. LIM
- hebes* Schult. & Schult.f. = **Haworthia cymbiformis** var. **cymbiformis**
- herbacea* DC. = **Haworthia reticulata** var. **reticulata**
herbacea Mill. = **Haworthia herbacea** var. **herbacea**
- hereroensis** Engl. var. **hereroensis**
A. hereroensis Engl. var. *orpeniae* (Schönland) A.Berger (66 or 87)
A. orpeniae Schönland (87)
 Perennial. Dwarf shrub, succulent. Ht 0.3–0.5 m. Alt 800–1400 m. N, FS, NC
- hereroensis** Engl. var. **lutea** A.Berger
 Perennial. Dwarf shrub, succulent. Ht 0.3–0.5 m. Alt 850–1200 m. N
- hereroensis* Engl. var. *orpeniae* (Schönland) A.Berger = **A. hereroensis** var. **hereroensis**
- hlangapies* Groenew. = **A. ecklonis**
- humilis** (L.) Mill.
A. acuminata Haw. (87)
A. echinata Willd. (87)
A. echinata Willd. var. *minor* Salm-Dyck (87)
A. humilis (L.) Mill. var. *acuminata* (Haw.) Baker (87)
A. humilis (L.) Mill. var. *candollei* Baker (87)

- A. humilis* (L.) Mill. var. *echinata* (Willd.) Baker (87)
A. humilis (L.) Mill. var. *incurva* Haw. (87)
A. humilis (L.) Mill. var. *suberecta* (Aiton) Baker (87)
A. humilis (L.) Mill. var. *subtuberculata* (Haw.) Baker (87)
A. incurva (Haw.) Haw. (87)
A. suberecta (Aiton) Haw. (87)
A. suberecta (Aiton) Haw. var. *semiguttata* Haw. (87)
A. subtuberculata Haw. (87)
A. tuberculata Haw. (87)
A. verrucosospinosa All. (87)
Catevala humilis (L.) Medik. (87)
Perennial. Herb, succulent. Ht 0.08–0.15 m. Alt 0–1675 m.
NC, WC, EC
- humilis* (L.) Mill. var. *acuminata* (Haw.) Baker = **A. humilis**
humilis (L.) Mill. var. *candollei* Baker = **A. humilis**
humilis (L.) Mill. var. *echinata* (Willd.) Baker = **A. humilis**
humilis (L.) Mill. var. *incurva* Haw. = **A. humilis**
humilis (L.) Mill. var. *suberecta* (Aiton) Baker = **A. humilis**
humilis (L.) Mill. var. *subtuberculata* (Haw.) Baker = **A. humilis**
- immaculata* Pillans = **A. affinis**
- inconspicua** Plowes
Perennial. Herb, geophyte, succulent. Ht 0.15–0.3 m.
Alt 1100–1200 m. KZN
- incurva* (Haw.) Haw. = **A. humilis**
- indurata* Schult. & Schult.f. = **Haworthia viscosa**
- integra** Reynolds
Perennial. Herb, succulent. Ht 0.35–0.5 m. Alt 1200–1600 m. M, S
- intermedia* Haw. = **Gasteria carinata** var. **verrucosa**
intermedia Haw. var. *asperrima* Salm-Dyck = **Gasteria carinata** var. **verrucosa**
- juttae* Dinter = **A. microstigma** subsp. **microstigma**
karasbergensis Pillans = **A. striata** subsp. **karasbergensis**
keithii Reynolds = **A. parvibracteata**
khamiesensis Pillans = **A. microstigma** subsp. **microstigma**
- kniphofioides** Baker
A. marshalli J.M. Wood & M.S. Evans (87)
Perennial. Herb, geophyte, succulent. Ht 0.35–0.4 m.
Alt 300–1725 m. M, S, FS, KZN, EC
- komaggasensis* Kritzinger & Van Jaarsv. = **A. striata** subsp. **komaggasensis**
- komatiensis* Reynolds = **A. zebrina**
- krapohlana** Marloth
A. krapohlana Marloth var. *dumoulinii* Lavranos (87)
Perennial. Herb, succulent. Ht 0.15–0.2 m. Alt 0–1500 m.
NC, WC
- krapohlana* Marloth var. *dumoulinii* Lavranos = **A. krapohlana**
- kraussii* Baker = **A. ecklonis**
kraussii Baker var. *minor* Baker = **A. albida**
labiaflava Groenew. = **A. greatheadii** var. **davyana**
laetepuncta (Haw.) Schult. & Schult.f. = **Gasteria carinata** var. **carinata**
laetevirens (Haw.) Link = **Haworthia turgida** var. **turgida**
laevigata Schult. & Schult.f. = **Haworthia marginata**
latifolia (Haw.) Haw. = **A. maculata**
laxiflora N.E.Br. = **A. gracilis**
- laxissima* Reynolds = **A. zebrina**
leptophylla N.E.Br. ex Baker = **A. maculata**
leptophylla N.E.Br. ex Baker var. *stenophylla* Baker = **A. maculata**
- lettyae* Reynolds = **A. zebrina**
- linearifolia** A. Berger
Perennial. Herb, succulent. Ht 0.2–0.3 m. Alt 75–1830 m.
M, S, KZN, EC
- lineata* (Aiton) Haw. var. *glaucescens* Haw. = **A. lineata** var. **lineata**
- lineata** (Aiton) Haw. var. **lineata**
A. lineata (Aiton) Haw. var. *glaucescens* Haw. (87)
A. lineata (Aiton) Haw. var. *viridis* Haw. (87)
A. perfoliata L. var. *lineata* Aiton (87)
Perennial. Shrub, succulent. Ht up to 1.5 m. Alt 0–1600 m.
WC, EC
- lineata** (Aiton) Haw. var. **muirii** (Marloth) Reynolds
A. muirii Marloth (87)
Perennial. Shrub, succulent. Ht up to 1 m. Alt 185–600 m.
WC, EC
- lineata* (Aiton) Haw. var. *viridis* Haw. = **A. lineata** var. **lineata**
- lingua* Ker Gawl. = **Gasteria bicolor** var. **bicolor**
lingua Ker Gawl. var. *angulata* Haw. = **Gasteria carinata** var. **carinata**
lingua Ker Gawl. var. *angustifolia* Aiton = **Gasteria disticha**
lingua Ker Gawl. var. *crassifolia* Aiton = **Gasteria disticha**
lingua Ker Gawl. var. *latifolia* Haw. = **Gasteria disticha**
lingua Ker Gawl. var. *longifolia* Haw. = **Gasteria disticha**
lingua Ker Gawl. var. *multifaria* Haw. = **Gasteria carinata** var. **carinata**
- lingua* Thunb. = **A. plicatilis**
linguaeformis L.f. = **A. plicatilis**
- linguiformis* Mill. = **Gasteria disticha**
- littoralis** Baker
A. rubrolutea Schinz (81)
A. schinzii Baker (87)
Perennial. Tree, succulent. Ht 2–4 m. Alt 275–1525 m.
N, B, LIM
- littoralis* Baker × *A. zebrina* Baker = **A. angolensis**
longiaristata Schult. & Schult.f. = **A. aristata**
longibracteata Pole Evans = **A. greatheadii** var. **davyana**
longifolia Haw. = **Gasteria disticha**
longifolia Lam. = **Kniphofia uvaria**
- longistyla** Baker
Perennial. Herb, succulent. Ht 0.15–0.25 m. Alt 500–1400 m.
WC, EC
- lugardiana* Baker = **A. zebrina**
lusitanica Groenew. = **A. parvibracteata**
- lutescens** Groenew.
Perennial. Shrub, dwarf shrub, succulent. Ht 0.5–0.8 m.
Alt 250–1200 m. LIM
- macowanii* Baker = **A. striatula** var. **striatula**
macracantha Baker = **A. maculata**
- maculata** All.
A. latifolia (Haw.) Haw. (87)
A. leptophylla N.E.Br. ex Baker (87)

- A. leptophylla* N.E.Br. ex Baker var. *stenophylla* Baker (87)
A. macracantha Baker (87)
A. maculosa Lam. (87)
A. perfoliata L. var. λ L. (87)
A. perfoliata L. var. θ L. (87)
A. saponaria (Aiton) Haw. (87)
A. saponaria (Aiton) Haw. var. *brachyphylla* Baker (87)
A. saponaria (Aiton) Haw. var. *ficksburgensis* Reynolds (87)
A. saponaria (Aiton) Haw. var. *latifolia* Haw. (87)
A. umbellata DC. (87)
A. umfoloziensis Reynolds (87)
 Perennial. Herb, succulent. Ht 0.2–0.5 m. Alt 5–2685 m. M, S, FS, KZN, L, WC, EC
- maculata* Ker Gawl., not of All. = **Gasteria pulchra**
maculata Thunb. = **Gasteria bicolor** var. **bicolor**
maculata Thunb. var. *obliqua* Aiton = **Gasteria bicolor** var. **bicolor**
maculata Thunb. var. *pulchra* Aiton = **Gasteria pulchra**
maculosa Lam. = **A. maculata**
margaritifera (L.) Burm.f. = **Haworthia maxima**
margaritifera (L.) Burm.f. var. *maxima* Haw. = **Haworthia maxima**
margaritifera (L.) Burm.f. var. *minima* Aiton = **Haworthia minima** var. **minima**
margaritifera (L.) Burm.f. var. *minor* Aiton = **Haworthia minima** var. **minima**
marginata Lam. = **Haworthia marginata**
marlothii A.Berger subsp. **marlothii**
A. ferox Mill. var. *xanthostachys* A.Berger (87)
A. marlothii A.Berger var. *bicolor* Reynolds (87)
A. marlothii A.Berger var. *marlothii* (87)
A. spectabilis Reynolds (87)
A. supralaevis Haw. var. *hanburyi* Baker (87)
 Perennial. Tree, succulent. Ht 2–10 m. Alt 150–1600 m. B, LIM, NW, G, M, S, KZN
- marlothii** A.Berger subsp. **orientalis** Glen & D.S.Hardy
 Perennial. Shrub, succulent. Ht 1.5–4 m. Alt 0–250 m. S, KZN
- marlothii* A.Berger var. *bicolor* Reynolds = **A. marlothii** subsp. **marlothii**
marlothii A.Berger var. *marlothii* = **A. marlothii** subsp. **marlothii**
marshalli J.M.Wood & M.S.Evans = **A. kniphofioides**
melanacantha A.Berger
 Perennial. Herb, succulent. Ht 0.3–0.9 m. Alt 50–700 m. NC, WC
- melsetterensis* Christian = **A. swynnertonii**
meyeri Van Jaarsv.
A. richtersveldensis Venter & Beukes (87)
 Perennial. Dwarf shrub, succulent. Ht \pm 0.3 m. Alt 300–1200 m. NC
- micracantha** Haw.
 Perennial. Herb, succulent. Ht 0.35–0.5 m. Alt 0–700 m. KZN, EC
- microstigma** Salm-Dyck subsp. **framesii** (L.Bolus) Glen & D.S.Hardy
A. amoena Pillans (87)
A. framesii L.Bolus (87)
 Perennial. Shrub, succulent. Ht 0.5–1 m. Alt 0–1000 m. NC, WC
- microstigma** Salm-Dyck subsp. **microstigma**
A. brunthaleri A.Berger ex Cammerloher (87)
A. juttiae Dinter (87)
- A. khamiesensis* Pillans (87)
 Perennial. Shrub, succulent. Ht 0.5–2 m. Alt 75–1450 m. N, NC, WC
- minima** Baker
A. minima Baker var. *blyderivierensis* (Groenew.) Reynolds (87)
A. parviflora Baker (87)
Leptaloe blyderivierensis Groenew. (87)
Leptaloe minima (Baker) Stapf (87)
Leptaloe parviflora (Baker) Stapf (87)
 Perennial. Herb, succulent. Ht 0.2–0.3 m. Alt 10–2200 m. M, S, KZN, EC
- minima* Baker var. *blyderivierensis* (Groenew.) Reynolds = **A. minima**
minor (Aiton) Schult. & Schult.f. = **Haworthia minima** var. **minima**
mirabilis Haw. = **Haworthia mirabilis** var. **mirabilis**
mitriformis Mill. = **A. perfoliata**
mitriformis Mill. var. *albispina* (Haw.) A.Berger = **A. perfoliata**
mitriformis Mill. var. *angustior* Lam. = **A. perfoliata**
mitriformis Mill. var. *brevifolia* (Aiton) W.T.Aiton = **A. perfoliata**
mitriformis Mill. var. *commelinii* (Willd.) Baker = **A. perfoliata**
mitriformis Mill. var. *elatior* Haw. = **A. perfoliata**
mitriformis Mill. var. *flavispina* (Haw.) Baker = **A. perfoliata**
mitriformis Mill. var. *humilior* Haw. = **A. perfoliata**
mitriformis Mill. var. *xanthacantha* (Willd.) Baker = **A. perfoliata**
- modesta** Reynolds
 Perennial. Herb, geophyte, succulent. Ht 0.2–0.3 m. Alt 1250–1675 m. LIM, M, KZN
- mollis* (Haw.) Schult. & Schult.f. = **Gasteria disticha**
monotropa I.Verd.
 Perennial. Herb, succulent. Ht 0.2–1 m. Alt 900–1350 m. LIM
- montana* Schinz = **A. dichotoma** var. **dichotoma**
mudenensis Reynolds
 Perennial. Herb, succulent. Ht 0.25–0.5 m. Alt 550–1525 m. S, KZN
- muirii* Marloth = **A. lineata** var. **muirii**
muricata Schult. = **A. glauca**
mutabilis Pillans = **A. arborescens**
mutans Reynolds = **A. greatheadii** var. **davyana**
myriacantha (Haw.) Schult. & Schult.f.
Bowiea myriacantha Haw. (87)
Leptaloe johnstonii Christian (87)
Leptaloe myriacantha (Haw.) Stapf (87)
 Perennial. Herb, succulent. Ht 0.2–0.3 m. Alt 0–1500 m. LIM, M, S, KZN, EC
- myriacantha* (Haw.) Schult. & Schult.f. var. *minor* (Baker) A.Berger = **A. albida**
- namibensis** Giess
 Perennial. Dwarf shrub, succulent. Ht 0.6–2 m. Alt 450–950 m. N
- natalensis* J.M.Wood & M.S.Evans = **A. arborescens**
nigra (Haw.) Schult. & Schult.f. = **Haworthia nigra** var. **nigra**

nigricans Haw. = **Gasteria disticha**

nigricans Haw. var. *denticulata* Salm-Dyck = **Gasteria disticha**

nigricans Haw. var. *marmorata* Salm-Dyck = **Gasteria brachyphylla** var. **brachyphylla**

nitens Baker = **A. rupestris**

nitens (Haw.) Schult. & Schult.f. = **Gasteria acinacifolia**

nitida Salm-Dyck = **Gasteria nitida** var. **nitida**

nitida Salm-Dyck var. *grandipunctata* Salm-Dyck = **Gasteria nitida** var. **nitida**

nitida Salm-Dyck var. *major* Salm-Dyck = **Gasteria nitida** var. **nitida**

nitida Salm-Dyck var. *minor* Salm-Dyck = **Gasteria nitida** var. **nitida**

nitida Salm-Dyck var. *obtusata* Salm-Dyck = **Gasteria nitida** var. **nitida**

nitida Salm-Dyck var. *parvipunctata* Salm-Dyck = **Gasteria nitida** var. **nitida**

nubigena Groenew.

Perennial. Herb, succulent. Ht 0.15–0.3 m. Alt 1450–2100 m. LIM, M

obliqua DC., not of Haw. = **Gasteria pulchra**

obliqua Haw. = **Gasteria bicolor** var. **bicolor**

obliqua Haw. var. *fallax* (Haw.) Schult. & Schult.f. = **Gasteria bicolor** var. **bicolor**

obliqua Jacq. = **Gasteria disticha**

obscura Willd. = **Gasteria disticha**

obscura Willd. var. *truncata* Salm-Dyck = **Gasteria carinata** var. **carinata**

obtusata (Salm-Dyck) Schult. & Schult.f. = **Gasteria nitida** var. **nitida**

obtusifolia Salm-Dyck = **Gasteria disticha**

orpeniae Schönland = **A. hereroensis** var. **hereroensis**

pachygaster Dinter

Perennial. Dwarf shrub, succulent. Ht 0.2–0.35 m. Alt 0–1500 m. N

paedogona A. Berger = **A. buettneri**

pallida (Haw.) Schult. & Schult.f. = **Haworthia herbacea** var. **herbacea**

pallidiflora A. Berger = **A. greatheadii** var. **greatheadii**

paniculata Jacq. = **A. striata** subsp. **striata**

papillosa Salm-Dyck, new synonym = **Haworthia maxima**

parva (Haw.) Schult. & Schult.f. = **Haworthia venosa** subsp. **tessellata**

parvibracteata Schönland

A. burgersfortensis Reynolds (87)

A. keithii Reynolds (87)

A. lusitanica Groenew. (87)

A. parvibracteata Schönland var. *zuluensis* (Reynolds) Reynolds (87)

A. pongolensis Reynolds (81)

A. pongolensis Reynolds var. *zuluensis* Reynolds (87)

Perennial. Herb, succulent. Ht 0.2–0.4 m. Alt 200–1400 m. LIM, M, S, KZN

parvibracteata Schönland var. *zuluensis* (Reynolds) Reynolds = **A. parvibracteata**

parviflora Baker = **A. minima**

parvispina Schönland = **A. perfoliata**

pearsonii Schönland

Perennial. Shrub, succulent. Ht 1–2 m. Alt 300–1550 m. N, NC

peglerae Schönland

Perennial. Dwarf shrub, herb, succulent. Ht 0.35–0.45 m. Alt 1350–1700 m. NW, G

pellucens Haw. = **Haworthia herbacea** var. **herbacea perfoliata** L.

A. albispina Haw. (87)

A. commelinii Willd. (87)

A. comptonii Reynolds (87)

A. distans Haw. (87)

A. flavispina Haw. (87)

A. mitriformis Mill. (87)

A. mitriformis Mill. var. *albispina* (Haw.) A. Berger (87)

A. mitriformis Mill. var. *angustior* Lam. (87)

A. mitriformis Mill. var. *brevifolia* (Aiton) W.T. Aiton (87)

A. mitriformis Mill. var. *comelinii* (Willd.) Baker (87)

A. mitriformis Mill. var. *elator* Haw. (87)

A. mitriformis Mill. var. *flavispina* (Haw.) Baker (87)

A. mitriformis Mill. var. *humilior* Haw. (87)

A. mitriformis Mill. var. *xanthacantha* (Willd.) Baker (87)

A. parvispina Schönland (87)

A. perfoliata L. var. *brevifolia* Aiton (87)

A. perfoliata L. var. κ Willd. (88)

A. perfoliata L. var. *mitriformis* (Mill.) Aiton (87)

A. perfoliata L. var. ν L. (87)

A. xanthacantha Willd. (87)

Perennial. Shrub, dwarf shrub, succulent. Ht 0.3–1 m. Alt 400–1050 m. WC, EC

perfoliata L. var. β L. = **A. africana**

perfoliata L. var. *brevifolia* Aiton = **A. perfoliata**

perfoliata L. var. δ L. = **A. brevifolia** var. **brevifolia**

perfoliata L. var. ϵ L. = **A. ferox**

perfoliata L. var. γ L. = **A. ferox**

perfoliata L. var. κ L. = **A. glauca**

perfoliata L. var. κ Willd. = **A. perfoliata**

perfoliata L. var. λ L. = **A. maculata**

perfoliata L. var. *lineata* Aiton = **A. lineata** var. **lineata**

perfoliata L. var. *mitriformis* (Mill.) Aiton = **A. perfoliata**

perfoliata L. var. ν L. = **A. perfoliata**

perfoliata L. var. *purpurascens* Aiton = **A. succotrina**

perfoliata L. var. θ L. = **A. maculata**

perfoliata L. var. θ (Mill.) Aiton = **A. ferox**

perfoliata L. var. *succotrina* (Lam.) Aiton = **A. succotrina**

perfoliata L. var. ξ L. = **A. succotrina**

perfoliata L. var. ζ L. = **A. brevifolia** var. **brevifolia**

perfoliata L. var. ζ Willd. = **A. ferox**

perfoliata Thunb. = **A. ferox**

petricola Pole Evans

Perennial. Dwarf shrub, succulent. Ht 0.5–2 m. Alt 500–1065 m. LIM, M

petrophila Pillans = **A. swynnertonii**

pictifolia Hardy

Perennial. Herb, succulent. Ht 0.2–0.3 m. Alt 250–500 m. EC

pienaarii Pole Evans = **A. cryptopoda**

pillansii L. Guthrie

Perennial. Tree, succulent. Ht 8–12 m. Alt 250–1000 m. N, NC

- planifolia* Baker = **Gasteria bicolor** var. **bicolor**
- planifolia* (Haw.) Schult. & Schult.f. = **Haworthia cymbiformis** var. **cymbiformis**
- platyphylla* Baker = **A. zebrina**
- plicatilis** (L.) Mill.
A. disticha L. var. *plicatilis* L. (87)
A. flabelliformis Salisb. (87)
A. lingua Thunb. (87)
A. linguaeformis L.f. (87)
A. plicatilis (L.) Mill. var. *major* Salm-Dyck (87)
A. tripetala Medik. (87)
Kumara disticha Medik. (87)
Rhipidodendron distichum (Medik.) Willd. (87)
Rhipidodendron plicatile (L.) Haw. (87)
 Perennial. Tree, shrub, succulent. Ht 2–4 m. Alt 150–670 m. WC
- plicatilis* (L.) Mill. var. *major* Salm-Dyck = **A. plicatilis pluridens** Haw.
A. atherstonei Baker (87)
A. pluridens Haw. var. *beckeri* Schönland (87)
 Perennial. Tree, shrub, succulent. Ht 2–5 m. Alt 0–500 m. KZN, EC
- pluridens* Haw. var. *beckeri* Schönland = **A. pluridens pluripuncta** (Haw.) Schult. & Schult.f. = **Gasteria acinacifolia**
- polyphylla** Schönland ex Pillans
 Perennial. Shrub, dwarf shrub, succulent. Ht 0.3–1.2 m. Alt 2000–2440 m. L
- pongolensis* Reynolds = **A. parvibracteata**
- pongolensis* Reynolds var. *zuluensis* Reynolds = **A. parvibracteata**
- postgenita* Schult. & Schult.f. = **A. brevifolia** var. **brevifolia**
- pratensis** Baker
 Perennial. Herb, succulent. Ht 0.15–0.4 m. Alt 100–1920 m. KZN, L, EC
- pretoriensis** Pole Evans
 Perennial. Shrub, herb, succulent. Ht 1–3.5 m. Alt 650–1525 m. LIM, NW, G, M, S
- prinslooii** I. Verd. & D.S. Hardy
 Perennial. Herb, succulent. Ht 0.15–0.6 m. Alt 800–1400 m. KZN
- prolifera* Haw. = **A. brevifolia** var. **brevifolia**
- prolifera* Haw. var. *major* Salm-Dyck = **A. brevifolia** var. **brevifolia**
- pruinosa** Reynolds
 Perennial. Herb, succulent. Ht 0.3–1.8 m. Alt 600–800 m. KZN
- pseudangulata* Salm-Dyck = **Gasteria carinata** var. **carinata**
- pseudo-ferox* Salm-Dyck = **A. ferox**
- pseudotortuosa* Salm-Dyck = **Haworthia viscosa**
- pulchra* (Aiton) Jacq. = **Gasteria pulchra**
- pumila* L. var. *arachnoidea* L. = **Haworthia arachnoidea** var. **arachnoidea**
- pumila* L. var. β L. = **Haworthia minima** var. **minima**
- pumila* L. var. γ L. = **Haworthia minima** var. **minima**
- pumila* L. var. *margaritifera* L. = **Haworthia maxima**
- pumilio* Jacq. = **Haworthia reticulata** var. **reticulata**
- punctata* Haw. = **A. variegata**
- purpurascens* (Aiton) Haw. = **A. succotrina**
- racemosa* Lam. = **Gasteria carinata** var. **verrucosa**
- radula* Jacq. = **Haworthia attenuata** var. **radula**
- ramosa* Haw. = **A. dichotoma** var. **dichotoma**
- recurva* Haw. = **Haworthia venosa** subsp. **venosa**
- recurvifolia* Groenew. = **A. alooides**
- reinwardtii* Salm-Dyck = **Haworthia reinwardtii** var. **reinwardtii** forma **reinwardtii**
- reitzii** Reynolds var. **reitzii**
 Perennial. Shrub, dwarf shrub, succulent. Ht 0.6–1.4 m. Alt 1400–1830 m. LIM, G, M, S
- reitzii** Reynolds var. **vernalis** Hardy
 Perennial. Shrub, dwarf shrub, succulent. Ht 0.6–1.2 m. Alt 900–1600 m. KZN
- repens* Schult. & Schult.f. = **Gasteria carinata** var. **verrucosa**
- reticulata* Haw. = **Haworthia reticulata** var. **reticulata**
- retusa* L. = **Haworthia retusa** var. **retusa**
- reynoldsii** Letty
 Perennial. Dwarf shrub, herb, succulent. Ht 0.3–1.2 m. Alt 150–1000 m. EC
- rhodacantha* DC. = **A. glauca**
- richtersveldensis* Venter & Beukes = **A. meyeri**
- rigida* Salisb. = **Kniphofia uvaria**
- rubriflora* (L. Bolus) G.D. Rowley = **Astroloba rubriflora**
- rubrolutea* Schinz = **A. littoralis**
- rupestris** Baker
A. nitens Baker (87)
 Perennial. Tree, succulent. Ht 6–8 m. Alt 0–1000 m. S, KZN
- saponaria* (Aiton) Haw. = **A. maculata**
- saponaria* (Aiton) Haw. var. *brachyphylla* Baker = **A. maculata**
- saponaria* (Aiton) Haw. var. *ficksburgensis* Reynolds = **A. maculata**
- saponaria* (Aiton) Haw. var. *latifolia* Haw. = **A. maculata**
- saundersiae** (Reynolds) Reynolds
Leptaloe saundersiae Reynolds (87)
 Perennial. Herb, succulent. Ht 0.05–0.08 m. Alt 1200–1280 m. KZN
- scaberrima* Salm-Dyck = **Gasteria carinata** var. **verrucosa**
- scabra* (Haw.) Schult. & Schult.f. = **Haworthia scabra** var. **scabra**
- schinzii* Baker = **A. littoralis**
- schlechteri* Schönland = **A. claviflora**
- schmidtiana* Regel = **A. cooperi** subsp. **cooperi**
- semiglabrata* (Haw.) Schult. & Schult.f. = **Haworthia maxima**
- semimargaritifera* Salm-Dyck = **Haworthia maxima**
- semimargaritifera* Salm-Dyck var. *maxima* Salm-Dyck = **Haworthia maxima**

serra DC. = **A. brevifolia** var. **depressa**

sessiliflora Pole Evans = **A. spicata**

setosa Schult. & Schult.f. = **Haworthia arachnoidea** var. **setata**

simii Pole Evans

Perennial. Herb, succulent. Ht 0.3–1.5 m. Alt 900–1065 m. M

sinuata Thunb. = **A. succotrina**

sladeniana Pole Evans

A. carowii Reynolds (87)

Perennial. Herb, succulent. Ht 0.08–0.15 m. Alt 900–1500 m. N

soccotrina Schult. & Schult.f. = **A. succotrina**

socotrina DC. = **A. succotrina**

sordida (Haw.) Schult. & Schult.f. = **Haworthia sordida** var. **sordida**

soutpansbergensis I. Verd.

Perennial. Herb, succulent. Ht 0.2–0.3 m. Alt 1525–1750 m. LIM

speciosa Baker

Perennial. Tree, shrub, succulent. Ht 3–6 m. Alt 0–1000 m. WC, EC

spectabilis Reynolds = **A. marlothii** subsp. **marlothii**

spicata L.f.

A. sessiliflora Pole Evans (87)

A. tauri L.C. Leach (87)

Perennial. Tree, shrub, succulent. Ht 1–2 m. Alt 0–1650 m. LIM, M, S, KZN

spiralis Haw., illegitimate name = **Astroloba spiralis**

spiralis L. = **Astroloba spiralis**

stenophylla Schult. & Schult.f. = **Haworthia angustifolia** var. **angustifolia**

striata Haw. var. *oligospila* Baker = **A. striata** subsp. **striata**

striata Haw. subsp. **karasbergensis** (Pillans) Glen & D.S. Hardy

A. karasbergensis Pillans (87)

Perennial. Dwarf shrub, succulent. Ht 0.3–1 m. Alt 250–1250 m. N, NC

striata Haw. subsp. **komaggasensis** (Kritzing & Van Jaarsv.) Glen & D.S. Hardy

A. komaggasensis Kritzing & Van Jaarsv. (87)

Perennial. Dwarf shrub, succulent. Ht 0.3–1 m. Alt 500–750 m. NC

striata Haw. subsp. **striata**

A. albocincta Haw. (87)

A. hanburiana Naudin (87)

A. paniculata Jacq. (87)

A. striata Haw. var. *oligospila* Baker (87)

Perennial. Shrub, dwarf shrub, succulent. Ht 0.3–0.7 m. Alt 250–2150 m. WC, EC

striatula Haw. var. **caesia** Reynolds

Perennial. Shrub, succulent. Ht 1–1.7 m. Alt 1250–1675 m. EC

striatula Haw. var. **striatula**

A. aurantiaca Baker (87)

A. cascadiensis Kuntze (87)

A. macowanii Baker (87)

Perennial. Shrub, succulent. Ht 1–1.75 m. Alt 50–2000 m. L, EC

subcarinata Haw. = **Gasteria carinata** var. **carinata**

suberecta (Aiton) Haw. = **A. humilis**

suberecta (Aiton) Haw. var. *semiguttata* Haw. = **A. humilis**

subfasciata Salm-Dyck = **Haworthia fasciata**

subferox Spreng. = **A. ferox**

subtortuosa Schult. & Schult.f. = **Haworthia viscosa**

subtuberculata Haw. = **A. humilis**

subulata Salm-Dyck = **Haworthia attenuata** var. **radula**

subverrucosa Salm-Dyck = **Gasteria carinata** var. **verrucosa**

subverrucosa Salm-Dyck var. *grandipunctata* Salm-Dyck = **Gasteria carinata** var. **verrucosa**

subverrucosa Salm-Dyck var. *parvipunctata* Salm-Dyck = **Gasteria carinata** var. **verrucosa**

succotrina Lam.

A. perfoliata L. var. *purpurascens* Aiton (87)

A. perfoliata L. var. *succotrina* (Lam.) Aiton (87)

A. perfoliata L. var. ξ L. (87)

A. purpurascens (Aiton) Haw. (87)

A. sinuata Thunb. (87)

A. soccotrina Schult. & Schult.f. (87)

A. socotrina DC. (87)

A. succotrina Lam. var. *saxigena* A. Berger (87)

Perennial. Shrub, succulent. Ht 1–2 m. Alt 0–900 m. WC

succotrina Lam. var. *saxigena* A. Berger = **A. succotrina**

suffulta Reynolds

Perennial. Herb, succulent. Ht 0.2–2.2 m. Alt 0–300 m. KZN

sulcata Salm-Dyck = **Gasteria carinata** var. **carinata**

suprafoliata Pole Evans

Perennial. Shrub, dwarf shrub, herb, succulent. Ht 0.2–2 m. Alt 300–1550 m. M, S, KZN

supralaevis Haw. = **A. ferox**

supralaevis Haw. var. *erythrocarpa* A. Berger = **A. ferox**

supralaevis Haw. var. *hanburyi* Baker = **A. marlothii** subsp. **marlothii**

swynnertonii Rendle

A. chimanimaniensis Christian (87)

A. melssetterensis Christian (87)

A. petrophila Pillans (87)

A. vogtsii Reynolds (87)

Perennial. Herb, succulent. Ht 0.25–0.35 m. Alt 1100–1830 m. LIM

tauri L.C. Leach = **A. spicata**

tenuior Haw.

A. tenuior Haw. var. *decidua* Reynolds (87)

A. tenuior Haw. var. *densiflora* Reynolds (87)

A. tenuior Haw. var. *glaucescens* Zahlbr. (87)

A. tenuior Haw. var. *rubriflora* Reynolds (87)

Perennial. Shrub, succulent. Ht 1–3 m. Alt 155–2285 m. M, KZN, WC, EC

tenuior Haw. var. *decidua* Reynolds = **A. tenuior**

tenuior Haw. var. *densiflora* Reynolds = **A. tenuior**

tenuior Haw. var. *glaucescens* Zahlbr. = **A. tenuior**

tenuior Haw. var. *rubriflora* Reynolds = **A. tenuior**

tessellata (Haw.) Schult. & Schult.f. = **Haworthia venosa** subsp. **tessellata**

thompsoniae Groenew.

Perennial. Herb, succulent. Ht 0.15–0.2 m. Alt 1650–2100 m. LIM, M

thorncroftii Pole Evans

Perennial. Shrub, dwarf shrub, succulent. Ht 0.3–1 m.
Alt 1375–1525 m. M

thraskii Baker

Perennial. Tree, shrub, succulent. Ht 1–4 m. Alt 0–100 m.
KZN

tidmarshii (Schönland) F.S.Mull. = **A. ciliaris** var. **tidmarshii**

torquata (Haw.) Salm-Dyck = **Haworthia viscosa**

tortuosa Haw. = **Haworthia viscosa**

translucens Haw. = **Haworthia herbacea** var. **herbacea**

transvaalensis Kuntze = **A. zebrina**

triangularis Medik. = **Haworthia viscosa**

tricolor Haw. = **Haworthia venosa** subsp. **venosa**

trigona (Haw.) Schult. & Schult.f. = **Gasteria trigona**

trigona Salm-Dyck = **Gasteria nitida** var. **nitida**

trigona Salm-Dyck var. *obtusata* Salm-Dyck = **Gasteria nitida** var. **nitida**

tripetala Medik. = **A. plicatilis**

tristicha Medik. = **Gasteria carinata** var. **carinata**

tuberculata Haw. = **A. humilis**

turgida (Haw.) Schult. & Schult.f. = **Haworthia turgida** var. **turgida**

umbellata DC. = **A. maculata**

umfoloziensis Reynolds = **A. maculata**

uvaria L. = **Kniphofia uvaria**

vanbalenii Pillans

Perennial. Shrub, dwarf shrub, succulent. Ht 0.3–1 m.
Alt 250–400 m. S, KZN

vandermerwei Reynolds = **A. zebrina**

variegata L.

A. ausana Dinter (87)

A. punctata Haw. (87)

A. variegata L. var. *haworthii* A.Berger (87)

Perennial. Herb, succulent. Ht 0.1–0.3 m. Alt 100–1750 m. N, FS, NC, WC, EC

variegata L. var. *haworthii* A.Berger = **A. variegata**

venosa Lam. = **Haworthia venosa** subsp. **venosa**

venusta (Haw.) Schult. & Schult.f. = **Gasteria acinacifolia**

verdoorniae Reynolds = **A. greatheadii** var. **davyana**

verecunda Pole Evans

Perennial. Herb, succulent. Ht 0.3–0.45 m. Alt 900–1830 m. LIM, G, M

verrucosa Mill. = **Gasteria carinata** var. **verrucosa**

verrucosa Mill. var. *latifolia* Salm-Dyck = **Gasteria carinata** var. **verrucosa**

verrucosa Mill. var. *striata* Salm-Dyck = **Gasteria carinata** var. **verrucosa**

verrucosospinosa All. = **A. humilis**

verrucula Medik. = **Gasteria carinata** var. **verrucosa**

virescens (Haw.) Schult. & Schult.f. = **Haworthia marginata**

viridiflora Reynolds

Perennial. Shrub, dwarf shrub, succulent. Ht 0.5–1.5 m.
Alt 1650–2400 m. N

viscosa L. = **Haworthia viscosa**

vogtsii Reynolds = **A. swynnertonii**

vossii Reynolds

Perennial. Herb, succulent. Ht 0.4–0.5 m. Alt 1220–1750 m. LIM

vryheidensis Groenew.

A. dolomitica Groenew. (87)

Perennial. Shrub, succulent. Ht 1–2 m. Alt 850–1800 m. LIM, M, KZN

wickensii Pole Evans var. *lutea* Reynolds = **A. cryptopoda**

wickensii Pole Evans var. *wickensii* = **A. cryptopoda**

woolliana Pole Evans = **A. chortolirioides** var. **woolliana**

xanthacantha Willd. = **A. perfoliata**

zebrina Baker

A. ammophila Reynolds (87)

A. angustifolia Groenew. (87)

A. bamangwatensis Schönland (87)

A. baumii Engl. & Gilg (87)

A. constricta Baker (87)

A. komatiensis Reynolds (87)

A. laxissima Reynolds (87)

A. lettyae Reynolds (87)

A. lugardiana Baker (87)

A. platyphylla Baker (87)

A. transvaalensis Kuntze (87)

A. vandermerwei Reynolds (87)

Perennial. Herb, succulent. Ht 0.2–1.7 m. Alt 250–1850 m. N, B, LIM, NW, G, M, S

zeyheri Salm-Dyck = **Gasteria bicolor** var. **bicolor**

APICRA Willd. 1028000

aspera (Haw.) Willd., misapplied name = **Astroloba corrugata**

bicarinata Haw. = ×**Astroworthia bicarinata**

bullulata (Jacq.) Willd. = **Astroloba bullulata**

congesta (Salm-Dyck) Baker = **Astroloba congesta**

egregia Poelln. = **Astroloba bullulata**

fasciata Willd. = **Haworthia fasciata**

foliolosa (Haw.) Willd. = **Astroloba foliolosa**

granata Willd. = **Haworthia minima** var. **minima**

jacobseniana Poelln. = **Astroloba rubriflora**

nigra Haw. = **Haworthia nigra** var. **nigra**

pentagona (Aiton) Willd. var. *bullulata* (Jacq.) Baker = **Astroloba bullulata**

pentagona (Aiton) Willd. var. *torulosa* Haw. = **Astroloba spiralis**

rubriflora L.Bolus = **Astroloba rubriflora**

spiralis (L.) Baker = **Astroloba spiralis**

ASTROLOBA Uitewaal 1028010

Compiled by N.L. Meyer & G.F. Smith

(1) Uitewaal. 1947. *Succulenta* 5: 53, 54.

(2) Uitewaal. 1948. *Desert Plant Life* 20: 37–39.

(3) Parr. 1971. *Bulletin of the African Succulent Plant Society* 6: 145–150.

(4) Parr. 1972. *Bulletin of the African Succulent Plant Society* 7: 195–197.

(5) Smith. 1995. *Bothalia* 25: 35, 36.

(6) Smith *et al.* 1995. *Flowering Plants of Africa* 54: 94–98, t. 2119.

(7) Meyer & Smith. 1998. *Bothalia* 28: 61, 62.

(8) Glen & Hardy. 2000. *FSA* 5: 1–167.

(9) Manning & Smith. 2000. *Bothalia* 30: 53.

(10) Meyer & Smith. 2001. In Eggh, *Illustrated handbook of succulent plants. Monocotyledons*: 187–189.

aspera (Haw.) Uitewaal, misapplied name = **A. corrugata**

bicarinata (Haw.) Uitewaal = **×Astroworthia bicarinata**

bullulata (Jacq.) Uitewaal

Aloe bullulata Jacq. (1)

Apicra bullulata (Jacq.) Willd. (1)

Apicra egregia Poelln. (10)

Apicra pentagona (Aiton) Willd. var. *bullulata* (Jacq.) Baker (10)

A. egregia (Poelln.) Uitewaal var. *fardeniana* Uitewaal (10)

Haworthia bullulata (Jacq.) Parr (9)

Haworthia egregia (Poelln.) Parr var. *egregia* (Poelln.) Parr (10)

Haworthia egregia (Poelln.) Parr var. *fardeniana* (Uitewaal) Parr (10)

Perennial. Succulent. Ht up to 0.3 m, 0.45–0.6 m when in flower. Alt 500–1800 m. NC, WC

congesta (Salm-Dyck) Uitewaal

Aloe congesta Salm-Dyck (10)

Apicra congesta (Salm-Dyck) Baker (10)

A. deltoidea (Hook.f.) Uitewaal (10)

A. deltoidea (Hook.f.) Uitewaal var. *intermedia* (A.Berger) Uitewaal (10)

A. turgida (Baker) H.Jacobsen, invalid name (10)

Haworthia congesta (Salm-Dyck) Parr (10)

Haworthia shieldiana Parr, invalid name (10)

Perennial. Succulent. Ht up to 0.3 m, up to 0.6 m when in flower. Alt 500–900 m. EC

corrugata N.L.Mey. & G.F.Sm.

Aloe aspera in sense of Salm-Dyck (1817), not of Salm-Dyck (1840), illegitimate name (7)

Apicra aspera (Haw.) Willd., misapplied name (7)

A. aspera (Haw.) Uitewaal, misapplied name (7)

A. muricata L.E.Groen, invalid name (7)

A. rugosa Roberts Reinecke, invalid name (7)

Haworthia aspera (Salm-Dyck) Parr, illegitimate name (7)

Perennial. Succulent. Ht up to 0.6 m, up to 1.05 m when in flower. Alt 500–1300 m. WC

deltoidea (Hook.f.) Uitewaal = **A. congesta**

deltoidea (Hook.f.) Uitewaal var. *intermedia* (A.Berger) Uitewaal = **A. congesta**

dodsoniana Uitewaal = **A. herrei**

egregia (Poelln.) Uitewaal var. *fardeniana* Uitewaal = **A. bullulata**

foliolosa (Haw.) Uitewaal

Aloe foliolosa Haw. (1)

Apicra foliolosa (Haw.) Willd. (10)

A. spiralis (L.) Uitewaal subsp. *foliolosa* (Haw.) L.E.Groen (10)

Haworthia foliolosa (Haw.) Haw. (10)

Perennial. Succulent. Ht up to 0.3 m, 0.35–0.6 m when in flower. Alt 100–1500 m. EC

herrei Uitewaal

A. dodsoniana Uitewaal (10)

Haworthia dodsoniana (Uitewaal) Parr (10)

Haworthia harlandiana Parr (10)

Perennial. Succulent. Ht up to 0.3 m, 0.4–0.6 m when in flower. Alt 600–1200 m. WC

muricata L.E.Groen, invalid name = **A. corrugata**

pentagona (Aiton) Uitewaal = **A. spiralis**

rubriflora (L.Bolus) G.F.Sm. & J.C.Manning

Aloe rubriflora (L.Bolus) G.D.Rowley (5)

Apicra jacobseniana Poelln. (5)

Apicra rubriflora L.Bolus (5)

Haworthia rubriflora (L.Bolus) Parr (5)

Haworthia rubriflora (L.Bolus) Parr var. *jacobseniana* (Poelln.) Parr, invalid combination (5)

Poellnitzia rubriflora (L.Bolus) Uitewaal (9)

Poellnitzia rubriflora (L.Bolus) Uitewaal var. *jacobseniana* (Poelln.) Uitewaal (5)

Perennial. Succulent. Ht up to 0.3 m, up to 0.5 m when in flower. Alt 400–800 m. WC

rugosa Roberts Reinecke, invalid name = **A. corrugata**

skinneri (A.Berger) Uitewaal = **×Astroworthia bicarinata**

spiralis (L.) Uitewaal

Aloe spiralis Haw., illegitimate name (10)

Aloe spiralis L. (10)

Apicra pentagona (Aiton) Willd. var. *torulosa* Haw. (10)

Apicra spiralis (L.) Baker (10)

A. pentagona (Aiton) Uitewaal (10)

Haworthia gweneana Parr, invalid name (10)

Haworthia spiralis (L.) Duval (10)

Haworthia spirella Haw. (10)

Perennial. Succulent. Ht up to 0.25 m, up to 0.75 m when in flower. Alt 400–800 m. WC, EC

spiralis (L.) Uitewaal subsp. *foliolosa* (Haw.) L.E.Groen = **A. foliolosa**

turgida (Baker) H.Jacobsen, invalid name = **A. congesta**

×ASTROWORTHIA G.D.Rowley 1028030

Compiled by N.L. Meyer & G.F. Smith

(1) Rowley. 1967. *National Cactus and Succulent Journal* 22,3: 74.

(2) Meyer & Smith. 2001. In Eggl, *Illustrated handbook of succulent plants. Monocotyledons*: 189.

×bicarinata (Haw.) G.D.Rowley

Aloe bicarinata (Haw.) Schult. & Schult.f. (2)

Apicra bicarinata Haw. (2)

Astroloba bicarinata (Haw.) Uitewaal (2)

Astroloba skinneri (A.Berger) Uitewaal (2)

Haworthia bicarinata (Haw.) Parr (2)

Haworthia olivettiana Parr (2)

Perennial. Succulent. Ht up to 0.15 m, 0.4–0.6 m when in flower. Alt ± 1200 m. WC

BULBINE Wolf

0985000

Compiled by G. Williamson

(1) Willdenow. 1809. *Enumeratio plantarum*: 372.

(2) Haworth. 1821. *Revisiones plantarum succulentarum*: 33

(3) Haworth. 1825. *Philosophical Magazine*: 31.

(4) Linnaeus & Sprengel. 1825. *Systema vegetabilium* 2: 86.

(5) Baker. 1876. *Journal of the Linnean Society of Botany* 15: 341–399.

(6) Baker. 1896. *FC* 6: 359–367.

(7) Schlechter. 1898. *Journal of Botany London* 36: 27.

(8) Schinz. 1902. *Bulletin de l'Herbier Boissier* 2: 938–940.

(9) Baker. 1903. *Bulletin de l'Herbier Boissier* 2: 790.

(10) Brown. 1908. *Kew Bulletin* 1908: 409.

(11) Phillips. 1917. *Annals of the South African Museum* 9: 352.

(12) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 217.

(13) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 377.

(14) Brown. 1931. *Kew Bulletin* 1931: 195, 196.

(15) Compton. 1931. *Transactions of the Royal Society of South Africa* 19: 275.

(16) Dinter. 1931. *Repertorium specierum novarum regni vegetabilis* 29: 271, 272.

(17) Letty. 1933. *The Flowering Plants of South Africa* 13: t. 489.

(18) Straub. 1938. *Berichte Deutschen Botanischen Gesellschaft* 66,9: 406–424.

(19) Poellnitz. 1943. *Feddes Repertorium* 52: 111–114.

(20) Poellnitz. 1943. *Boletim da Sociedade Broteriana* 17: 153–158.

(21) Poellnitz. 1944. *Feddes Repertorium* 53: 37–52.

(22) Verdoorn. 1947. *The Flowering Plants of Africa* 26: t. 1019.

(23) Verdoorn. 1948. *The Flowering Plants of Africa* 27: t. 1044.

(24) Verdoorn. 1961. *The Flowering Plants of Africa* 34: t. 1350.

(25) Nordenstam. 1964. *Botaniska Notiser* 117,2: 183–187.

(26) Obermeyer. 1967. *Bothalia* 9,2: 342–344.

(27) Merxmüller. 1970. *FSWA* 147: 33, 34.

(28) Obermeyer. 1976. *Bothalia* 12,3: 364, 372.

(29) Baijnath. 1977. *Taxonomic studies in the genus Bulbine Wolf, s.l.* Ph.D. (Botany) thesis, University of Reading.

(30) Hilliard & Burt. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40: 282.

(31) Hall. 1984. *South African Journal of Botany* 3,6: 356–358.

- (32) Baijnath. 1987. *South African Journal of Botany* 53,6: 427–430.
 (33) Van Jaarsveld & Baijnath. 1987. *South African Journal of Botany* 53,6: 424–426.
 (34) Wijnands. 1991. *Bothalia* 21,2: 157.
 (35) Williamson & Baijnath. 1995. *South African Journal of Botany* 61: 312–318.
 (36) Williamson. 1995. *Aloe* 32,3 & 4: 80–83.
 (37) Kativu. 1996. *Kirkia* 16: 41–51.
 (38) Williamson. 1996. *Bradleya* 14: 84–86.
 (39) Williamson. 1996. *Haseltonia* 4: 13–26.
 (40) Williamson. 1997. *Aloe* 34,3 & 4: 70–73.
 (41) Hammer. 1998. *Cactus & Co.* 11,4: 6.
 (42) Williamson. 1999. *Aloe* 36,1: 14, 15.
 (43) Williamson & Baijnath. 1999. *Aloe* 36,2 & 3: 28–30.
 (44) Van Jaarsveld & Van Wyk. 1999. *Aloe* 36,4: 71–74.
 (45) Goldblatt & Manning 2000. *Strelitzia* 9: 67, 68.
 (46) Williamson. 2000. *Bradleya* 18: 31–40.
 (47) Williamson. 2001. *Aloe* 38,1 & 2: 28.
 (48) Van Jaarsveld. 2001. *Haseltonia* 8: 37–41.

abyssinica A. Rich.

- Anthericum asphodeloides* of author, not of L. (37)
B. asphodeloides (L.) Spreng. var. *filifoliodes* De Wild. (37)
B. asphodeloides (L.) Spreng. var. *monticola* Poelln. (37)
B. asphodeloides of author, not of (L.) Schult. (37)
B. decurvata Peter ex Poelln. (37)
B. hamata Peter ex Poelln. (37)
B. huilensis Poelln. (37)
B. latitepala Poelln. (37)
B. xanthobotrys Engl. & Gilg (37)
 Perennial. Herb, geophyte, succulent. Ht 0.16–0.91 m.
 Alt 250–2000 m. B, LIM, NW, G, S, FS, KZN,
 L, NC, WC, EC

alba Van Jaarsv.

- Perennial. Herb, geophyte, succulent. Ht up to 200 mm.
 Alt? WC

alooides (L.) Willd.

- Anthericum aloifolium* Salisb. (29)
Anthericum alooides L. (29)
B. macrophylla Salm-Dyck (29)
B. platyphylla Baker (29)
 Perennial. Herb, geophyte, succulent. Ht 350–500 mm.
 Alt 10–2155 m. LIM, G, KZN, WC, EC

angustifolia Poelln.

- B. tortifolia* I. Verd. (29)
 Perennial. Herb, geophyte, succulent. Ht 500–650 mm.
 Alt 850–1525 m. N, LIM, G, S, FS

annua (L.) Willd.

- Anthericum annum* L. (29)
 Annual. Herb, geophyte, succulent. Ht 250–400 mm. Alt
 15–775 m. NC, WC

asphodeloides (L.) Spreng. var. *denticulifera* Poelln. =
B. lagopus

asphodeloides (L.) Spreng. var. *filifoliodes* De Wild. =
B. abyssinica

asphodeloides (L.) Spreng. var. *monticola* Poelln. = **B.**
abyssinica

asphodeloides (L.) Spreng. var. *otaviensis* Poelln. = **B.**
capitata

asphodeloides (L.) Spreng.

- Anthericum altissimum* Mill. (37)
Anthericum asphodeloides L. (29)
Anthericum longiscapum Jacq. (37)
Anthericum succulentum Salisb. (37)
B. crocea L. Guthrie (37)
B. dielsii Poelln. (37)
B. mettinghi Ten. (37)
B. pallida Baker (37)
Phalangium asphodeloides Kuntze (37)

Perennial. Herb, geophyte, succulent. Ht 400–420 mm.
 Alt 3–2310 m. LIM, NW, G, S, FS, KZN, NC,
 EC

asphodeloides of author, not of (L.) Schult. = **B. abys-**
sinica

bachmanii Baker = **B. nutans**

bachmanniana Schinz = **B. nutans**

bisulcata Haw. = **B. cepacea**

brevifolia (Thunb.) Roem. & Schult.f. = **Caesia contorta**

brunsvigiaefolia Baker = **B. latifolia**

bruynsii S.A. Hammer

Perennial. Herb, geophyte, succulent. Ht 260–320 mm.
 Alt ?–600 m. WC

caespitosa Baker = **B. lagopus**

canaliculata G. Will., not of (Aiton) Spreng. = **B. erectipi-**
losa

capitata Poelln.

- B. asphodeloides* (L.) Spreng. var. *otaviensis* Poelln. (37)
B. lydenburgensis Poelln. (37)
B. otaviensis (Poelln.) Sölch (37)
B. stenophylla I. Verd. (37)
 Perennial. Herb, geophyte, succulent. Ht 220–420 mm.
 Alt 230–1850 m. N, B, LIM, G, M, S, FS, KZN

caput-medusae G. Will.

Perennial. Herb, geophyte, succulent. Ht 150–220 mm.
 Alt 500–1500 m. N

cataphyllata Poelln. = **B. cepacea**

cauda-felis (L.f.) Schult. & Schult.f. = **Bulbinella cauda-**
felis

caulescens L. = **B. frutescens**

cepacea (Burm.f.) Wijnands

- Anthericum bisulcata* Haw. (29)
Anthericum latifolium Jacq. (29)
Anthericum pugioniforme Jacq. (29)
B. bisulcata Haw. (29)
B. cataphyllata Poelln. (29)
B. inexpecta Poelln. (29)
B. parviflora Baker (29)
B. pugioniformis (Jacq.) Link (34)
B. tuberosa (Mill.) Oberm. (34)
Ornithogalum cepaceum Burm.f. (34)
Ornithogalum tuberosum Mill. (34)
 Perennial. Herb, geophyte, succulent. Ht 200–450 mm.
 Alt 220–550 m. WC

circinata Schltr. ex Poelln. = **B. torta**

circinata Schltr. ex Poelln. var. *minor* Poelln. = **B. torta**

coetzeei Oberm.

Perennial. Geophyte, succulent. Ht 150–760 mm. Alt
 1240–2015 m. M, S, KZN

cremophila Van Jaarsv.

Perennial. Herb, geophyte, succulent. Ht 220–450 mm.
 Alt? EC

crispa (Thunb.) Roem. & Schult. = **Chlorophytum crispum**

crocea L. Guthrie = **B. asphodeloides**

decurvata Peter ex Poelln. = **B. abyssinica**

densiflora Baker = **B. narcissifolia**

dielsii Poelln. = **B. asphodeloides**

diphylla Schltr. ex Poelln.

Perennial. Herb, geophyte, succulent. Ht 80–150 mm.
 Alt 100–650 m. NC, WC

disimilis G. Will.

Perennial. Herb, geophyte, succulent. Ht 180–240 mm.
Alt ± 800 m. NC

dubia Schult. & Schult.f. = **B. favosa****ensifolia** Baker = **B. latifolia****erectopilosa** G. Will.

B. canaliculata G. Will., not of (Aiton) Spreng. (47)

Perennial. Herb, geophyte, succulent. Ht 150–220 mm.
Alt ± 300 m. EC

esterhuyseniae Baijnath

Perennial. Herb, geophyte, succulent. Ht 40–50 mm. Alt
500–1000 m. WC

fallax Poelln.

Perennial. Herb, geophyte, succulent. Ht 60–200 mm. Alt
200–600 m. WC

favosa (Thunb.) Schult. & Schult.f.

Anthericum favosum Thunb. (37)

B. dubia Schult. & Schult.f. (45)

B. filifolia Baker (37)

B. mayori Beauverd (37)

B. rigidula Schltr. ex Poelln. (37)

B. setifera Poelln. (37)

B. trichophylla Baker (37)

Perennial. Herb, geophyte, succulent. Ht 100–400 mm.
Alt 50–2000 m. NW, G, L, WC, EC

filifolia Baker = **B. favosa****flexicaulis** Baker

B. inops N.E.Br. (29)

Perennial. Herb, geophyte, succulent. Ht 100–420 mm.
Alt 100–715 m. WC

flexuosa Schltr.

Perennial. Herb, geophyte, succulent. Ht 100–200 mm.
Alt 90–800 m. NC, WC

foleyi E. Phillips

Perennial. Herb, geophyte, succulent. Ht 180–300 mm.
Alt 770–1232 m. WC

fragilis G. Will.

Perennial. Herb, geophyte, succulent. Ht 120–220 mm.
Alt ± 650 m. NC

francescae G. Will. & Baijnath

Perennial. Herb, geophyte, succulent. Ht 100–120 mm.
Alt ± 600 m. N

frutescens (L.) Willd.

Anthericum frutescens L. (29)

Anthericum fruticosum Salisb. (29)

Anthericum incurvum Thunb. (29)

Anthericum rostratum Jacq. (29)

B. caulescens L. (29)

B. rostrata Willd. (29)

B. triebneri Dinter (29)

Perennial. Dwarf shrub, succulent. Ht 300–800 mm. Alt
5–2285 m. N, G, S, FS, KZN, L, NC, WC, EC

graminea Haw. = **B. lagopus****hallii** G. Will.

Perennial. Herb, geophyte, succulent. Ht 150–220 mm.
Alt 800–1000 m. NC

hamata Peter ex Poelln. = **B. abyssinica****hantamensis** Poelln. = **B. succulenta****haworthioides** B. Nord.

Perennial. Herb, geophyte, succulent. Ht 110–360 mm.
Alt 100–615 m. WC

huilensis Poelln. = **B. abyssinica****inexpecta** Poelln. = **B. cepacea****inflata** Oberm.

Perennial. Herb, geophyte, succulent. Ht 490–600 mm.
Alt 220–1705 m. G, S, KZN

inops N.E.Br. = **B. flexicaulis****lagopus** (Thunb.) N.E.Br.

Anthericum lagopus Thunb. (29)

B. asphodeloides (L.) Spreng. var. *denticulifera* Poelln. (29)

B. caespitosa Baker (29)

B. graminea Haw. (29)

Perennial. Herb, geophyte, succulent. Ht 150–450 mm.
Alt 15–1080 m. KZN, L, WC

lamprophylla G. Will.

Perennial. Herb, geophyte, succulent. Ht 40–120 mm. Alt
600–800 m. NC

latibracteata Poelln. = **B. narcissifolia****latifolia** (L.f.) Schult. & Schult.f.

Anthericum latifolium L.f. (37)

B. brunsvigiaefolia Baker (37)

B. ensifolia Baker (37)

B. natalensis Baker (37)

B. transvaalensis Baker (37)

Perennial. Herb, geophyte, succulent. Ht 250–910 mm.
Alt 35–1405 m. G, KZN, WC, EC

latitrepala Poelln. = **B. abyssinica****lavrani** G. Will. & Baijnath

Perennial. Herb, geophyte, succulent. Ht 120–150 mm.
Alt ± 350 m. WC

laxiflora Baker = **B. praemorsa****longifolia** Schinz

Perennial. Herb, geophyte, succulent. Ht 150–200 mm.
Alt 100–1220 m. WC

louwii L.I.Hall

Perennial. Herb, geophyte, succulent. Ht 140–170 mm.
Alt ± 200 m. WC

lydenburgensis Poelln. = **B. capitata****macrophylla** Salm-Dyck = **B. alooides****mallyana** Schltr. ex Poelln. = **B. torta****margarethae** L.I.Hall

Perennial. Herb, geophyte, succulent. Ht 140–200 mm.
Alt ± 200 m. WC

mayori Beauverd = **B. favosa****mesembryanthoides** Haw. subsp. **mesembryanthoides**

B. orchioides Drège ex Poelln. (29)

Perennial. Herb, geophyte, succulent. Ht 80–200 mm. Alt
125–1395 m. WC, EC

mesembryanthoides Haw. subsp. **namaquensis** G. Will.

Perennial. Herb, geophyte, succulent. Ht 50–80 mm. Alt
200–800 m. NC

mettinghi Ten. = **B. asphodeloides****minima** Baker

Perennial. Herb, geophyte, succulent. Ht 50–130 mm. Alt
50–1430 m. WC

monophylla Poelln.

Perennial. Herb, geophyte, succulent. Ht 360–520 mm.
Alt 240–800 m. WC

musciola G. Will.

Perennial. Herb, geophyte, succulent. Ht 40–100 mm.
Alt 150–200 m. WC

namaensis Schinz*B. vesicularis* Dinter (27)Perennial. Herb, geophyte, succulent. Ht 280–340 mm.
Alt 400–1300 m. N, NC**narcissifolia** Salm-Dyck*B. densiflora* Baker (37)*B. latibracteata* Poelln. (37)Perennial. Herb, geophyte, succulent. Ht 240–600 mm.
Alt 15–2920 m. B, G, FS, L, EC**natalensis** Baker = **B. latifolia****nutans** (Jacq.) Spreng.*Anthericum nutans* Jacq. (29)*B. bachmanii* Baker (29)*B. bachmanniana* Schinz (29)Perennial. Herb, geophyte, succulent. Ht 530–700 mm.
Alt 538–1080 m. WC**orchioides** Drège ex Poelln. = **B. mesembryanthoides**
subsp. **mesembryanthoides****otaviensis** (Poelln.) Sölch = **B. capitata****pallida** Baker = **B. asphodeloides****parviflora** Baker = **B. cepacea****pendens** G. Will. & BaijnathPerennial. Herb, geophyte, succulent. Ht 70–110 mm.
Alt 300–600 m. NC**platyphylla** Baker = **B. alooides****praemorsa** (Jacq.) Spreng.*Anthericum alooides* Thunb., not of L. (29)*Anthericum praemorsum* Jacq. (29)*B. laxiflora* Baker (29)*B. tetraphylla* Dinter (29)*B. urgineoides* Baker (29)*B. zeyheri* Baker (29)Perennial. Herb, geophyte, succulent. Ht 300–800 mm.
Alt 155–650 m. M, NC, WC**pugioniformis** (Jacq.) Link = **B. cepacea****quartzicola** G. Will.Perennial. Herb, geophyte, succulent. Ht 70–200 mm.
Alt ± 600 m. NC**rhopalophylla** DinterPerennial. Herb, geophyte, succulent. Ht 110–180 mm.
Alt 30–600 m. N, NC**rigidula** Schltr. ex Poelln. = **B. favosa****rostrata** Willd. = **B. frutescens****rupicola** G. Will.Perennial. Herb, geophyte, succulent. Ht 200–280 mm.
Alt 600–800 m. EC**sedifolia** Schltr. ex Poelln.Perennial. Herb, succulent. Ht 140–180 mm. Alt 615–925 m.
NC, WC**setifera** Poelln. = **B. favosa****stenophylla** I. Verd. = **B. capitata****striata** Baijnath & Van Jaarsv.Perennial. Herb, geophyte, succulent. Ht 450–570 mm.
Alt 900–1000 m. NC**succulenta** Compton*B. hantamensis* Poelln. (29)Perennial. Herb, geophyte, succulent. Ht 100–250 mm.
Alt 615–925 m. NC, WC**tetraphylla** Dinter = **B. praemorsa****torsiva** G. Will.Perennial. Herb, geophyte, succulent. Ht 90–260 mm.
Alt 400–800 m. NC**torta** N.E.Br.*B. circinata* Schltr. ex Poelln. (29)*B. circinata* Schltr. ex Poelln. var. *minor* Poelln. (29)*B. mallyana* Schltr. ex Poelln. (29)Perennial. Herb, geophyte, succulent. Ht 60–300 mm.
Alt 230–1000 m. NC, WC**tortifolia** I. Verd. = **B. angustifolia****transvaalensis** Baker = **B. latifolia****trichophylla** Baker = **B. favosa****triebneri** Dinter = **B. frutescens****triquetra** (L.f.) Schult. & Schult.f. = **Bulbinella triquetra****truncata** G. Will.Perennial. Herb, geophyte, succulent. Ht 160–180 mm.
Alt 400–600 m. NC**tuberosa** (Mill.) Oberm. = **B. cepacea****undulata** G. Will.

Perennial. Herb, geophyte, succulent. Ht? Alt? WC

urgineoides Baker = **B. praemorsa****vesicularis** Dinter = **B. namaensis****vitrea** G. Will. & BaijnathPerennial. Herb, geophyte, succulent. Ht 60–120 mm.
Alt 200–380 m. NC**vittatifolia** G. Will.Perennial. Herb, geophyte, succulent. Ht 200–300 mm.
Alt 800–1000 m. NC**wiesei** L.I.HallPerennial. Herb, geophyte, succulent. Ht 80–140 mm.
Alt ± 200 m. WC**xanthobotrys** Engl. & Gilg = **B. abyssinica****zeyheri** Baker = **B. praemorsa****BULBINELLA** Kunth

0984000

Compiled by C. Archer

(1) Verdoorn. 1944. *The Flowering Plants of South Africa* 24: t. 930.(2) Perry. 1999. *Strelitzia* 8: 1–78.**aitonii** (Baker) T. Durand & Schinz = **Trachyandra fili-**
formis**barkeriae** P.L. PerryPerennial. Herb, geophyte. Ht up to 0.6 m. Alt 100–335 m.
WC**brevifolia** (Thunb.) Kunth = **Caesia contorta****burkei** (Baker) Benth. & Hook.f. = **Trachyandra burkei****capillaris** (Poir.) Kunth = **B. triquetra****carnosum** (Baker) Baker = **Ornithogalum paludosum****cauda-felis** (L.f.) T. Durand & Schinz*Anthericum cauda-felis* L.f. (2)*Anthericum caudatum* Thunb. (2)*Bulbine cauda-felis* (L.f.) Schult. & Schult.f. (2)*B. caudata* (Thunb.) Kunth (2)Perennial. Herb, geophyte. Ht 0.4–0.8 m. Alt 100–2000 m.
NC, WC**caudata** (Thunb.) Kunth = **B. cauda-felis****caudata** (Thunb.) Kunth var. **ciliolata** (Kunth) Baker =
B. ciliolata**chartacea** P.L. PerryPerennial. Herb, geophyte. Ht up to 0.4 m. Alt 700–1100
m. WC

ciliolata Kunth*Anthericum ciliatum* (Kunth) Baker (2)*B. caudata* (Thunb.) Kunth var. *ciliolata* (Kunth) Baker (2)

Perennial. Herb, geophyte. Ht up to 0.6 m. Alt ?–640 m. NC

divaginata P.L.Perry

Perennial. Herb, geophyte. Ht up to 0.45 m. Alt 140–760 m. NC, WC

eburniflora P.L.Perry

Perennial. Herb, geophyte. Ht up to 0.75 m. Alt 670–795 m. NC

elata P.L.Perry

Perennial. Herb, geophyte. Ht up to 1 m. Alt ?–530 m. NC, WC

elegans P.L.Perry

Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt 610–1000 m. NC, WC

filiformis (Aiton) Kunth = **Trachyandra filiformis****floribunda** (Aiton) T.Durand & Schinz (insufficiently known) (2)**gracilis** Kunth*Anthericum gracile* (Kunth) Baker (2)

Perennial. Herb, geophyte. Ht up to 0.3 m. Alt 610–1000 m. NC, WC

graminifolia P.L.Perry

Perennial. Herb, geophyte. Ht up to 0.65 m. Alt 550–1100 m. NC, WC

latifolia Kunth subsp. **denticulata** P.L.Perry

Perennial. Herb, geophyte. Ht up to 1 m. Alt ?–900 m. WC

latifolia Kunth subsp. **doleritica** (P.L.Perry) P.L.Perry*B. latifolia* Kunth var. *doleritica* P.L.Perry (2)

Perennial. Herb, geophyte. Ht up to 1 m. Alt ?–760 m. NC

latifolia Kunth subsp. **latifolia***B. latifolia* Kunth var. *latifolia* (2)*B. robusta* Kunth var. *latifolia* (Kunth) Baker (2)

Perennial. Herb, geophyte. Ht up to 1 m. Alt 1500–1525 m. NC

latifolia Kunth subsp. **toximontana** P.L.Perry

Perennial. Herb, geophyte. Ht up to 1 m. Alt 600–800 m. WC

latifolia Kunth var. *doleritica* P.L.Perry = **B. latifolia** subsp. **doleritica***latifolia* Kunth var. *latifolia* = **B. latifolia** subsp. **latifolia****nana** P.L.Perry

Perennial. Herb, geophyte. Ht up to 0.25 m. Alt ?–1000 m. NC

nutans (Thunb.) T.Durand & Schinz subsp. **nutans***Anthericum nutans* Thunb. (2)*Anthericum setosum* Schult. & Schult.f. (2)*B. nutans* (Thunb.) T.Durand & Schinz var. *nutans* (2)*B. robusta* Kunth, superfluous name (2)

Perennial. Herb, geophyte. Ht 0.3–0.8 m. Alt 60–1700 m. NC, WC

nutans (Thunb.) T.Durand & Schinz subsp. **turfosicola** (P.L.Perry) P.L.Perry*B. nutans* (Thunb.) T.Durand & Schinz var. *turfosicola* P.L.Perry (2)

Perennial. Herb, geophyte. Ht 0.3–0.8 m. Alt 270–1200 m. NC, WC

nutans (Thunb.) T.Durand & Schinz var. *nutans* = **B. nutans** subsp. **nutans***nutans* (Thunb.) T.Durand & Schinz var. *turfosicola* P.L.Perry = **B. nutans** subsp. **turfosicola***ornithogaloides* Kunth = **Ornithogalum ornithogaloides***peronata* Kunth in part = **B. triquetra****potbergensis** P.L.Perry

Perennial. Herb, geophyte. Ht 0.37–0.55 m. Alt ?–120 m. WC

punctulata Zahlbr.

Perennial. Herb, geophyte. Ht 0.5–1 m. Alt 305–1370 m. WC

robusta Kunth, superfluous name = **B. nutans** subsp. **nutans***robusta* Kunth var. *latifolia* (Kunth) Baker = **B. latifolia** subsp. **latifolia***setifolia* Kunth = **B. triquetra***squamea* (L.f.) Kunth = **Trachyandra hispida****trinervis** (Baker) P.L.Perry*Anthericum triquetrum* L.f. var. *trinervis* Baker (2)*B. triquetra* (L.f.) Kunth var. *trinervis* Baker (2)

Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt 45–500 m. WC, EC

triquetra (L.f.) Kunth*Anthericum capillare* (Poir.) Schult. & Schult.f. (2)*Anthericum triquetrum* L.f. (2)*Bulbine triquetra* (L.f.) Schult. & Schult.f. (2)*B. capillaris* (Poir.) Kunth (2)*B. peronata* Kunth in part (2)*B. setifolia* Kunth (2)*Phalangium capillare* Poir. (2)

Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 30–1675 m. NC, WC

triquetra (L.f.) Kunth var. *trinervis* Baker = **B. trinervis****CATEVALA** Medik. 1029020*arborescens* (Mill.) Medik. = **Aloe arborescens***atroviridis* Medik. = **Haworthia herbacea** var. **herbacea***humilis* (L.) Medik. = **Aloe humilis****CHAMAEALOE** A.Berger 1026020*africana* (Haw.) A.Berger = **Aloe bowiea****CHORTOLIRION** A.Berger 1029010

Compiled by G.F. Smith

(1) Berger. 1908. *Das Pflanzenreich* 4, 38, III, II, Heft 33: 72–74.(2) Dinter. 1914. *Neue und wenig bekannte Pflanzen Deutsch-Südwest-Afrikas unter besonderer Berücksichtigung der Succulenten*: 24.(3) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 932.(4) Smith & Van Wyk. 1993. *Kew Bulletin* 48: 105–113.(5) Smith. 1994. *Excelsa* 16: 143–152.(6) Lebrun & Stork. 1995. *Énumération des plantes à fleurs d'Afrique tropicale* 3: 48.(7) Smith. 1995. *Bothalia* 25: 31–33.(8) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* 4: 577.**angolense** (Baker) A.Berger*C. bergerianum* Dinter (2)*C. stenophyllum* (Baker) A.Berger (1)*C. subspicatum* A.Berger (1)*C. tenuifolium* (Engl.) A.Berger (1)*Haworthia angolensis* Baker (7)*Haworthia saundersiae* Baker, naked name (7)*Haworthia stenophylla* Baker (7)*Haworthia subspicata* Baker (7)*Haworthia tenuifolia* Engl. (7)

Perennial. Succulent, geophyte. Ht 50–150 mm, 300–400 mm when in flower. Alt 20–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

bergerianum Dinter = **C. angolense**

stenophyllum (Baker) A. Berger = **C. angolense**

subspicatum A. Berger = **C. angolense**

tenuifolium (Engl.) A. Berger = **C. angolense**

GASTERIA Duval 1027000

Compiled by E.J. van Jaarsveld

- (1) Haworth. 1827. *Philosophical Magazine* 2: 344–361.
- (2) Baker. 1896. *FC* 6: 286–307.
- (3) Brown. 1923. *Bothalia* 1: 140.
- (4) Phillips. 1928. *The Flowering Plants of South Africa* 8: tt. 284, 291.
- (5) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 360.
- (6) Phillips. 1937. *The Flowering Plants of South Africa* 17: t. 665.
- (7) Obermeyer. 1967. *The Flowering Plants of Africa* 38: t. 1501.
- (8) Obermeyer. 1976. *The Flowering Plants of Africa* 43: t. 1701.
- (9) Van Jaarsveld. 1987. *Cactus and Succulent Journal (U.S.)* 59: 170–174.
- (10) Van Jaarsveld. 1990. *The Flowering Plants of Africa* 51: tt. 2013–2015.
- (11) Van Jaarsveld. 1991. *Bradleya* 9: 100–104.
- (12) Van Jaarsveld. 1992. *Aloe* 29: 1–30.
- (13) Smith *et al.* 1994. *Bothalia* 24: 34.
- (14) Van Jaarsveld & Weber. 1994. *Flowering Plants of Africa* 53: t. 2097.
- (15) Van Jaarsveld. 1994. *Gasterias of South Africa*.
- (16) Van Jaarsveld. 1994. *British Cactus and Succulent Journal* 2,12: 73, 74.
- (17) Pooley. 1998. *A field guide to wild flowers of KwaZulu-Natal and the eastern region*: 342.
- (18) Van Jaarsveld. 1998. *Cactus and Succulent Journal (U.S.)* 70: 65–71.
- (19) Van Jaarsveld & Van Wyk. 1999. *Aloe* 36: 71–74.
- (20) Glen & Hardy. 2000. *FSA* 5: 1–167.
- (21) Van Jaarsveld & Van Wyk. 2001. *Cactus and Succulent Journal (U.S.)* 73: 2, 68–70.
- (22) Van Jaarsveld. 2001. *Cactus and Succulent Journal (U.S.)* 73: 3, 127–130.

acinacifolia (J.Jacq.) Haw.

Aloe acinacifolia J.Jacq. (20)

Aloe acinacifolia J.Jacq. var. *venusta* (Haw.) Salm-Dyck (15)

Aloe candidans (Haw.) Schult. & Schult.f. (20)

Aloe ensifolia (Haw.) Schult. & Schult.f. (20)

Aloe nitens (Haw.) Schult. & Schult.f. (20)

Aloe pluripuncta (Haw.) Schult. & Schult.f. (15)

Aloe venusta (Haw.) Schult. & Schult.f. (20)

G. acinacifolia (J.Jacq.) Haw. var. *ensifolia* (Haw.) Baker (15)

G. acinacifolia (J.Jacq.) Haw. var. *nitens* (Haw.) Baker (15)

G. acinacifolia (J.Jacq.) Haw. var. *pluripuncta* (Haw.) Baker (15)

G. acinacifolia (J.Jacq.) Haw. var. *venusta* (Haw.) Baker (15)

G. candidans Haw. (15)

G. fuscopunctata Baker (15)

G. huttoniae N.E.Br. (15)

G. inexpectata Poelln. (15)

G. lutzii Poelln. (15)

G. nitens Haw. (15)

G. pluripuncta Haw. (15)

G. venusta Haw. (15)

Perennial. Herb, succulent. Ht 0.25–0.75 m. Alt 5–50 m. EC

acinacifolia (J.Jacq.) Haw. var. *ensifolia* (Haw.) Baker =

G. acinacifolia

acinacifolia (J.Jacq.) Haw. var. *nitens* (Haw.) Baker =

G. acinacifolia

acinacifolia (J.Jacq.) Haw. var. *pluripuncta* (Haw.) Baker =

G. acinacifolia

acinacifolia (J.Jacq.) Haw. var. *venusta* (Haw.) Baker =

G. acinacifolia

angulata Haw. = **G. carinata** var. **carinata**

angulata (Willd.) Haw., not of Haw. = **G. carinata** var. **carinata**

angustianum Poelln. = **G. brachyphylla** var. **brachyphylla**

angustifolia (Aiton) C.-J. Duval = **G. disticha**

armstrongii Schönland = **G. nitida** var. **armstrongii**

batesiana G.D. Rowley var. **batesiana**

G. subverrucosa (Salm-Dyck) Haw. var. *marginata* of authors (15)

G. transvaalensis De Smet ex Baker (15)

Perennial. Herb, succulent. Ht 0.03–0.1 m. Alt 300–800 m.

LIM, M, KZN

batesiana var. **dolomitica** Van Jaarsv. & Van Wyk

Perennial. Herb, succulent. Ht 0.02–0.1 m. Alt 500–600 m.

M

baylissiana Rauh

Perennial. Herb, succulent. Ht 0.02–0.04 m. Alt ?–300 m.

EC

beckeri Schönland = **G. nitida** var. **nitida**

bicolor Haw. var. **bicolor**

Aloe bicolor (Haw.) Schult. & Schult.f. (20)

Aloe boureana Schult. & Schult.f. (20)

Aloe bowieana Salm-Dyck (20)

Aloe dictyodes Schult. & Schult.f. (20)

Aloe lingua Ker Gawl. (20)

Aloe maculata Thunb. (20)

Aloe maculata Thunb. var. *obliqua* Aiton (15)

Aloe obliqua Haw. (20)

Aloe obliqua Haw. var. *fallax* (Haw.) Schult. & Schult.f. (15)

Aloe planifolia Baker (15)

Aloe zeyheri Salm-Dyck (20)

G. biformis Poelln. (15)

G. caespitosa Poelln. (15)

G. chamaegigas Poelln. (15)

G. colubrina N.E.Br. (15)

G. herreana Poelln. (15)

G. kirsteana Poelln. (15)

G. longiana Poelln. (15)

G. longibracteata Poelln. (15)

G. maculata (Thunb.) Haw. (15)

G. maculata (Thunb.) Haw. var. *dregeana* A. Berger (15)

G. maculata (Thunb.) Haw. var. *fallax* Haw. (15)

G. marmorata Baker (15)

G. multiplex Poelln. (15)

G. obliqua (Haw.) Duval (15)

G. picta Haw. (15)

G. planifolia (Baker) Baker (15)

G. retata Haw. (15)

G. salmdyckiana Poelln. (15)

G. spiralis Baker (15)

G. spiralis Baker var. *tortulata* Baker (15)

G. variolosa Baker (15)

G. zeyheri (Salm-Dyck) Baker (15)

Perennial. Herb, succulent. Ht 0.08–0.22 m. Alt 18–610 m.

EC

bicolor Haw. var. **liliputana** (Poelln.) Van Jaarsv.

G. liliputana Poelln. (15)

Perennial. Herb, succulent. Ht 0.02–0.1 m. Alt ?–1000 m.

EC

biformis Poelln. = **G. bicolor** var. **bicolor**

bijliae Poelln. = **G. carinata** var. **carinata**

brachyphylla (Salm-Dyck) Van Jaarsv. var. **bayeri** Van Jaarsv.

Perennial. Herb, succulent. Ht 0.02–0.05 m. Alt ?–1000 m.

WC

brachyphylla (Salm-Dyck) Van Jaarsv. var. **brachyphylla**

Aloe brachyphylla Salm-Dyck (20)

Aloe formosa Schult. & Schult.f. (20)

Aloe nigricans Haw. var. *marmorata* Salm-Dyck (15)

G. angustianum Poelln. (15)

G. joubertii Poelln. (15)

G. nigricans (Haw.) Duval var. *marmorata* Haw. (15)

G. nigricans (Haw.) Duval var. *platyphylla* Baker (15)

G. triebneriana Poelln. (15)

G. vlaaktensis Poelln. (15)

Perennial. Herb, succulent. Ht 0.03–0.23 m. Alt ?–1000 m.
WC

brevifolia Haw. (insufficiently known)

Perennial. Herb, succulent. Ht 0.8–0.15 m. Alt? WC

caespitosa Poelln. = **G. bicolor** var. **bicolor**

candicans Haw. = **G. acinacifolia**

carinata (Mill.) Duval var. **carinata**

Aloe angulata Willd. (20)

Aloe carinata Mill. (20)

Aloe carinata Mill. var. *laevior* Salm-Dyck (15)

Aloe carinata Mill. var. *subglabra* Haw. (15)

Aloe disticha L. in part (15)

Aloe excavata Willd. (15)

Aloe glabra (Haw.) Salm-Dyck (20)

Aloe laetepuncta (Haw.) Schult. & Schult.f. (20)

Aloe lingua Ker Gawl. var. *angulata* Haw. (15)

Aloe lingua Ker Gawl. var. *multifaria* Haw. (15)

Aloe obscura Willd. var. *truncata* Salm-Dyck (15)

Aloe pseudangulata Salm-Dyck (20)

Aloe subcarinata Haw. (20)

Aloe sulcata Salm-Dyck (20)

Aloe tristicha Medik. (20)

G. angulata Haw. (15)

G. angulata (Willd.) Haw., not of Haw. (15)

G. bijliae Poelln. (15)

G. carinata (Mill.) Duval var. *falcata* A.Berger (15)

G. carinata (Mill.) Duval var. *latifolia* A.Berger (15)

G. carinata (Mill.) Duval var. *parva* (Haw.) Baker (15)

G. carinata (Mill.) Duval var. *strigata* (Haw.) Baker (15)

G. excavata (Willd.) Haw. (15)

G. humilis Poelln. (15)

G. laetepuncta Haw. (15)

G. pallescens Baker (15)

G. parva Haw. (15)

G. parvifolia Baker (15)

G. patentissima Poelln. (15)

G. porphyrophylla Baker (15)

G. schweickerdtiana Poelln. (15)

G. strigata Haw. (15)

G. subcarinata (Salm-Dyck) Haw. (15)

G. sulcata (Salm-Dyck) Haw. (15)

Perennial. Herb, succulent. Ht 0.03–0.18 m. Alt 0–300 m.
WC

carinata (Mill.) Duval var. *falcata* A.Berger = **G. carinata**
var. **carinata**

carinata (Mill.) Duval var. **glabra** (Salm-Dyck) Van Jaarsv.
G. glabra (Salm-Dyck) Haw. (18)

Perennial. Herb, succulent. Ht 0.1–0.18 m. Alt ?–1000 m. WC

carinata (Mill.) Duval var. *latifolia* A.Berger = **G. carinata**
var. **carinata**

carinata (Mill.) Duval var. *parva* (Haw.) Baker = **G. carinata**
var. **carinata**

carinata (Mill.) Duval var. **retusa** Van Jaarsv.

Perennial. Herb, succulent. Ht 0.05–0.09 m. Alt 0–1000 m. WC

carinata (Mill.) Duval var. *strigata* (Haw.) Baker = **G. carinata**
var. **carinata**

carinata (Mill.) Duval var. **thunbergii** (N.E.Br.) Van Jaarsv.

Aloe disticha Thunb. (18)

G. thunbergii N.E.Br. (18)

Perennial. Herb, succulent. Ht 0.03–0.2 m. Alt 0–1000 m.
WC

carinata (Mill.) Duval var. **verrucosa** (Mill.) Van Jaarsv.

Aloe carinata DC. (15)

Aloe disticha L. in part (20)

Aloe intermedia Haw. (20)

Aloe intermedia Haw. var. *asperrima* Salm-Dyck (15)

Aloe racemosa Lam. (20)

Aloe repens Schult. & Schult.f. (20)

Aloe scaberrima Salm-Dyck (20)

Aloe subverrucosa Salm-Dyck (20)

Aloe subverrucosa Salm-Dyck var. *grandipunctata* Salm-Dyck (15)

Aloe subverrucosa Salm-Dyck var. *parvipunctata* Salm-Dyck (15)

Aloe verrucosa Mill. (20)

Aloe verrucosa Mill. var. *latifolia* Salm-Dyck (15)

Aloe verrucosa Mill. var. *striata* Salm-Dyck (15)

Aloe verrucula Medik. (20)

G. intermedia (Haw.) Haw. (15)

G. intermedia (Haw.) Haw. var. *asperrima* (Salm-Dyck) Haw. (15)

G. intermedia (Haw.) Haw. var. *laevior* Haw. (15)

G. intermedia (Haw.) Haw. var. *longior* Haw. (15)

G. radulosa Baker (15)

G. repens Haw. (15)

G. subverrucosa (Salm-Dyck) Haw. (15)

G. subverrucosa (Salm-Dyck) Haw. var. *grandipunctata* (Salm-Dyck) Haw. (15)

G. subverrucosa (Salm-Dyck) Haw. var. *marginata* Baker (15)

G. subverrucosa (Salm-Dyck) Haw. var. *parvipunctata* (Salm-Dyck) Haw. (15)

G. verrucosa (Mill.) Duval (15)

G. verrucosa (Mill.) Duval var. *asperrima* (Salm-Dyck) Poelln. (15)

G. verrucosa (Mill.) Duval var. *intermedia* (Haw.) Baker (15)

G. verrucosa (Mill.) Duval var. *latifolia* (Salm-Dyck) Haw. (15)

G. verrucosa (Mill.) Duval var. *scaberrima* (Salm-Dyck) Baker (15)

G. verrucosa (Mill.) Duval var. *striata* (Salm-Dyck) Poelln. (15)

Perennial. Herb, succulent. Ht 0.03–0.07 m. Alt ?–1000 m.
WC

chamaegigas Poelln. = **G. bicolor** var. **bicolor**

colubrina N.E.Br. = **G. bicolor** var. **bicolor**

conspurcata (Salm-Dyck) Haw. = **G. disticha**

croucheri (Hook.f.) Baker

Aloe croucheri Hook.f. (20)

G. disticha (L.) Haw. var. *natalensis* Baker (15)

G. ensifolia Haw. (15)

Perennial. Herb, succulent. Ht 0.25–0.6 m. Alt 0–1000 m.
KZN, EC

decipiens Haw. = **G. nitida** var. **nitida**

denticulata (Salm-Dyck) Haw. = **G. disticha**

dicta N.E.Br. (insufficiently known)

Perennial. Herb, succulent. Ht 0.3–0.4 m. Alt? 'CP'

disticha (L.) Haw.

Aloe angustifolia (Aiton) Salm-Dyck (20)

Aloe conspurcata Salm-Dyck (20)

Aloe crassifolia (Haw.) Schult. & Schult.f. (20)

Aloe disticha (Haw.) Schult. & Schult.f. (20)

Aloe disticha L. in part (15)

Aloe lingua Ker Gawl. var. *angustifolia* Aiton (15, 20)

Aloe lingua Ker Gawl. var. *crassifolia* Aiton (15)

Aloe lingua Ker Gawl. var. *latifolia* Haw. (15)

Aloe lingua Ker Gawl. var. *longifolia* Haw. (15)

Aloe linguiformis Mill. (15)

Aloe longifolia Haw. (20)

Aloe mollis (Haw.) Schult. & Schult.f. (20)

Aloe nigricans Haw. (20)

Aloe nigricans Haw. var. *denticulata* Salm-Dyck (15)

Aloe obliqua Jacq. (20)

Aloe obscura Willd. (15)

Aloe obtusifolia Salm-Dyck (20)

G. angustifolia (Aiton) C.-J. Duval (15)

G. conspurcata (Salm-Dyck) Haw. (15)

G. denticulata (Salm-Dyck) Haw. (15)

G. disticha (L.) Haw. var. *angustifolia* (Aiton) Baker (15)

G. disticha (L.) Haw. var. *conspurcata* (Salm-Dyck) Baker (15)

G. disticha (L.) Haw. var. *major* Haw. (15)

G. disticha (L.) Haw. var. *minor* Baker (15)

G. disticha (L.) Haw. var. *minor* Haw. (15)

G. latifolia (Haw.) Haw. (20)

G. longifolia (Haw.) Duval (15)

G. mollis Haw. (15)

G. nigricans (Haw.) Duval (15)

G. nigricans (Haw.) Duval var. *crassifolia* (Aiton) Haw. (15)

G. obtusifolia (Salm-Dyck) Haw. (15)

- Perennial. Herb, succulent. Ht 0.03–0.18 m. Alt ?–800 m.
WC
- disticha* (L.) Haw. var. *angustifolia* (Aiton) Baker = **G. disticha**
- disticha* (L.) Haw. var. *conspurcata* (Salm-Dyck) Baker = **G. disticha**
- disticha* (L.) Haw. var. *major* Haw. = **G. disticha**
- disticha* (L.) Haw. var. *minor* Baker = **G. disticha**
- disticha* (L.) Haw. var. *minor* Haw. = **G. disticha**
- disticha* (L.) Haw. var. *natalensis* Baker = **G. croucheri**
- ellaphiae** Van Jaarsv.
Perennial. Herb, succulent. Ht 0.02–0.04 m. Alt ?–1000 m. EC
- elongata** Baker (insufficiently known)
Perennial. Herb, succulent. Ht 0.15–0.2 m. Alt? ‘CP’
- ensifolia* Haw. = **G. croucheri**
- ernesti-ruschi* Dinter & Poelln. = **G. pillansii** var. **ernesti-ruschii**
- excavata* (Willd.) Haw. = **G. carinata** var. **carinata**
- excelsa** Baker
Perennial. Herb, succulent. Ht 0.3–0.4 m. Alt 10–1400 m. EC
- fuscopunctata* Baker = **G. acinacifolia**
- glabra* (Salm-Dyck) Haw. = **G. carinata** var. **glabra**
- glauca** Van Jaarsv.
Perennial. Herb, succulent. Ht 0.05–0.07 m. Alt ?–1000 m. EC
- glomerata** Van Jaarsv.
Perennial. Herb, succulent. Ht 0.02–0.04 m. Alt 500–700 m. EC
- gracilis** Baker (insufficiently known)
Perennial. Herb, succulent. Ht 0.08–0.1 m. Alt? KZN
- herreana* Poelln. = **G. bicolor** var. **bicolor**
- humilis* Poelln. = **G. carinata** var. **carinata**
- huttoniae* N.E.Br. = **G. acinacifolia**
- inexpectata* Poelln. = **G. acinacifolia**
- intermedia* (Haw.) Haw. = **G. carinata** var. **verrucosa**
- intermedia* (Haw.) Haw. var. *asperrima* (Salm-Dyck) Haw. = **G. carinata** var. **verrucosa**
- intermedia* (Haw.) Haw. var. *laevior* Haw. = **G. carinata** var. **verrucosa**
- intermedia* (Haw.) Haw. var. *longior* Haw. = **G. carinata** var. **verrucosa**
- joubertii* Poelln. = **G. brachyphylla** var. **brachyphylla**
- kirsteana* Poelln. = **G. bicolor** var. **bicolor**
- laetepuncta* Haw. = **G. carinata** var. **carinata**
- latifolia* (Haw.) Haw. = **G. disticha**
- liliputana* Poelln. = **G. bicolor** var. **liliputana**
- loeriensis** Poelln. (insufficiently known)
Perennial. Herb, succulent. Ht 0.16–0.2 m. Alt? EC
- longiana* Poelln. = **G. bicolor** var. **bicolor**
- longibracteata* Poelln. = **G. bicolor** var. **bicolor**
- longifolia* (Haw.) Duval = **G. disticha**
- lutzii* Poelln. = **G. acinacifolia**
- maculata* (Thunb.) Haw. = **G. bicolor** var. **bicolor**
- maculata* (Thunb.) Haw. var. *dregeana* A.Berger = **G. bicolor** var. **bicolor**
- maculata* (Thunb.) Haw. var. *fallax* Haw. = **G. bicolor** var. **bicolor**
- marmorata* Baker = **G. bicolor** var. **bicolor**
- mollis* Haw. = **G. disticha**
- multiplex* Poelln. = **G. bicolor** var. **bicolor**
- neliana* Poelln. = **G. pillansii** var. **pillansii**
- nigricans* (Haw.) Duval = **G. disticha**
- nigricans* (Haw.) Duval var. *crassifolia* (Aiton) Haw. = **G. disticha**
- nigricans* (Haw.) Duval var. *marmorata* Haw. = **G. brachyphylla** var. **brachyphylla**
- nigricans* (Haw.) Duval var. *platyphylla* Baker = **G. brachyphylla** var. **brachyphylla**
- nitens* Haw. = **G. acinacifolia**
- nitida** (Salm-Dyck) Haw. var. **armstrongii** (Schönland) Van Jaarsv.
G. armstrongii Schönland (15)
Perennial. Herb, succulent. Ht 0.06–0.2 m. Alt ?–1000 m. EC
- nitida* (Salm-Dyck) Haw. var. *grandipunctata* (Salm-Dyck) A.Berger = **G. nitida** var. **nitida**
- nitida** (Salm-Dyck) Haw. var. **nitida**
Aloe decipiens (Haw.) Schult. & Schult.f. (20)
Aloe nitida Salm-Dyck (20)
Aloe nitida Salm-Dyck var. *grandipunctata* Salm-Dyck (15)
Aloe nitida Salm-Dyck var. *major* Salm-Dyck (15)
Aloe nitida Salm-Dyck var. *minor* Salm-Dyck (15)
Aloe nitida Salm-Dyck var. *obtusata* Salm-Dyck (20)
Aloe nitida Salm-Dyck var. *parvipunctata* Salm-Dyck (15)
Aloe obtusa (Salm-Dyck) Schult. & Schult.f. (20)
Aloe trigona Salm-Dyck (20)
Aloe trigona Salm-Dyck var. *obtusata* Salm-Dyck (15)
G. beckeri Schönland (15)
G. decipiens Haw. (15)
G. nitida (Salm-Dyck) Haw. var. *grandipunctata* (Salm-Dyck) A.Berger (15)
G. nitida (Salm-Dyck) Haw. var. *parvipunctata* (Salm-Dyck) A.Berger (15)
G. obtusa (Salm-Dyck) Haw. (15)
G. stayneri Poelln. (15)
Haworthia nigricans Haw. (15)
Perennial. Herb, succulent. Ht 0.06–0.2 m. Alt ?–1000 m. WC, EC
- nitida* (Salm-Dyck) Haw. var. *parvipunctata* (Salm-Dyck) A.Berger = **G. nitida** var. **nitida**
- obliqua* (Haw.) Duval = **G. bicolor** var. **bicolor**
- obtusata* (Salm-Dyck) Haw. = **G. nitida** var. **nitida**
- obtusifolia* (Salm-Dyck) Haw. = **G. disticha**
- pallescens* Baker = **G. carinata** var. **carinata**
- parva* Haw. = **G. carinata** var. **carinata**
- parvifolia* Baker = **G. carinata** var. **carinata**
- patentissima* Poelln. = **G. carinata** var. **carinata**
- pendulifolia** Van Jaarsv.
Perennial. Herb, succulent. Ht 0.1–0.3 m. Alt 0–1000 m. KZN
- picta* Haw. = **G. bicolor** var. **bicolor**
- pillansii** Kensis var. **ernesti-ruschii** (Dinter & Poelln.) Van Jaarsv.
G. ernesti-ruschi Dinter & Poelln. (15)

Perennial. Herb, succulent. Ht 0.02–0.07 m. Alt ?–1000 m. N, NC

pillansii Kensis var. **pillansii**

G. neliana Poelln. (15)

Perennial. Herb, succulent. Ht 0.07–0.2 m. Alt 0–1000 m. NC

planifolia (Baker) Baker = **G. bicolor** var. **bicolor**

pluripuncta Haw. = **G. acinacifolia**

poellnitziana H.Jacobsen, without Latin description = **G. pulchra**

polita Van Jaarsv.

Perennial. Herb, succulent. Ht 0.06–0.12 m. Alt ?–1000 m. WC

porphyrophylla Baker = **G. carinata** var. **carinata**

prolifera Lem. (insufficiently known)

Perennial. Herb, succulent. Ht 0.2–0.3 m. Alt? WC

pseudonigricans (Salm-Dyck) Haw. (insufficiently known) = probably **G. carinata** var. **glabra**

Perennial. Herb, succulent. Ht 0.15–0.2 m. Alt? WC

pulchra (Aiton) Haw.

Aloe maculata Ker Gawl., not of All. (20)

Aloe maculata Thunb. var. *pulchra* Aiton (20)

Aloe obliqua DC., not of Haw. (20)

Aloe pulchra (Aiton) Jacq. (20)

G. poellnitziana H.Jacobsen, without Latin description (15)

Perennial. Herb, succulent. Ht 0.2–0.36 m. Alt ?–305 m. EC

radulosa Baker = **G. carinata** var. **verrucosa**

rawlinsonii Oberm.

Perennial. Herb, succulent. Ht 0.1–1 m. Alt ?–1000 m. EC

repens Haw. = **G. carinata** var. **verrucosa**

retata Haw. = **G. bicolor** var. **bicolor**

salmodyckiana Poelln. = **G. bicolor** var. **bicolor**

schweickerdtiana Poelln. = **G. carinata** var. **carinata**

spiralis Baker = **G. bicolor** var. **bicolor**

spiralis Baker var. *tortulata* Baker = **G. bicolor** var. **bicolor**

stayneri Poelln. = **G. nitida** var. **nitida**

strigata Haw. = **G. carinata** var. **carinata**

subcarinata (Salm-Dyck) Haw. = **G. carinata** var. **carinata**

subverrucosa (Salm-Dyck) Haw. = **G. carinata** var. **verrucosa**

subverrucosa (Salm-Dyck) Haw. var. *grandipunctata* (Salm-Dyck) Haw. = **G. carinata** var. **verrucosa**

subverrucosa (Salm-Dyck) Haw. var. *marginata* Baker = **G. carinata** var. **verrucosa**

subverrucosa (Salm-Dyck) Haw. var. *marginata* of authors = **G. batesiana** var. **batesiana**

subverrucosa (Salm-Dyck) Haw. var. *parvipunctata* (Salm-Dyck) Haw. = **G. carinata** var. **verrucosa**

sulcata (Salm-Dyck) Haw. = **G. carinata** var. **carinata**

thunbergii N.E.Br. = **G. carinata** var. **thunbergii**

transvaalensis De Smet ex Baker = **G. batesiana** var. **batesiana**

triebneriana Poelln. = **G. brachyphylla** var. **brachyphylla**

trigona Haw. (insufficiently known)

Aloe elongata Salm-Dyck (20)

Aloe trigona (Haw.) Schult. & Schult.f. (20)

Perennial. Herb, succulent. Ht 0.15–0.2 m. Alt? 'CP' *variolosa* Baker = **G. bicolor** var. **bicolor**

venusta Haw. = **G. acinacifolia**

verrucosa (Mill.) Duval = **G. carinata** var. **verrucosa**

verrucosa (Mill.) Duval var. *asperrima* (Salm-Dyck) Poelln. = **G. carinata** var. **verrucosa**

verrucosa (Mill.) Duval var. *intermedia* (Haw.) Baker =

G. carinata var. **verrucosa**

verrucosa (Mill.) Duval var. *latifolia* (Salm-Dyck) Haw.

= **G. carinata** var. **verrucosa**

verrucosa (Mill.) Duval var. *scaberrima* (Salm-Dyck) Baker

= **G. carinata** var. **verrucosa**

verrucosa (Mill.) Duval var. *striata* (Salm-Dyck) Poelln. =

G. carinata var. **verrucosa**

vlaaktensis Poelln. = **G. brachyphylla** var. **brachyphylla**

vlokii Van Jaarsv.

Perennial. Herb, succulent. Ht 0.05–0.09 m. Alt 1300–1800 m. WC

zeyheri (Salm-Dyck) Baker = **G. bicolor** var. **bicolor**

HAWORTHIA Duval

1029000

Compiled by I. Breuer, E.M.A. Steyn & G.F. Smith

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(2) Dyer. 1945. *The Flowering Plants of Africa* 25: t. 989.

(3) Dyer. 1953. *The Flowering Plants of Africa* 29: tt. 1148, 1149.

(4) Bayer. 1976. *Haworthia handbook; a guide to the species, with identification keys and illustrations.*

(5) Bayer. 1982. *The new Haworthia handbook.*

(6) Smith. 1995. *Bothalia* 25: 31–33.

(7) Breuer. 1998. *The world of Haworthia*, Vol. 1.

(8) Bayer. 1999. *Haworthia revisited.*

(9) Breuer. 2000. *The world of Haworthia*, Vol. 2.

(10) Glen & Hardy. 2000. *FSA* 5: 1–167.

(11) Bayer & Van Jaarsveld. 2001. In Egli, *Illustrated handbook of succulent plants: Monocotyledons*: 199–223.

(12) Hayashi. 2001. *Haworthiad* 15,1: 16–20.

(13) Battista. 2002. *Alsterworthia International* 2,2: 8–11.

(14) Hayashi. 2002. *Haworthia Study* 7: 14.

aegrota Poelln. = **H. herbacea** var. **herbacea**

agavoides Zantner & Poelln. = **H. sordida** var. **sordida**

agnis Battista

Perennial. Succulent. Ht ± 30 mm, 220–350 mm when in flower. Alt 120–200 m. WC

albanensis Schönland = **H. angustifolia** var. **angustifolia**

altilinea Haw. var. *limpida* forma *inconfluens* Poelln. = **H. mucronata** var. **inconfluens**

altilinea Haw. var. *morrisiae* Poelln. = **H. mucronata** var. **morrisiae**

angolensis Baker = **Chortolirion angolense**

angustifolia Haw. var. **altissima** M.B.Bayer

Perennial. Succulent. Ht ± 150 mm, ± 200 mm when in flower. Alt ± 600 m. EC

angustifolia Haw. var. **angustifolia**

Aloe stenophylla Schult. & Schult.f. (7)

H. albanensis Schönland (4)

H. angustifolia Haw. var. *grandis* G.G.Sm. (5)

Perennial. Succulent. Ht ± 100 mm, ± 200 mm when in flower. Alt 260–750 m. EC

angustifolia Haw. var. **baylissii** (C.L.Scott) M.B.Bayer

H. baylissii C.L.Scott (7)

Perennial. Succulent. Ht ± 40 mm, ± 100 mm when in flower. Alt ± 500 m. EC

angustifolia Haw. var. *denticulifera* Poelln. = **H. chlo-racantha** var. **denticulifera**

angustifolia Haw. var. *grandis* G.G.Sm. = **H. angustifolia** var. **angustifolia**

angustifolia Haw. var. *liliputana* Uitewaal = **H. chlo-racantha** var. **denticulifera**

angustifolia Haw. var. **paucifolia** G.G.Sm.
Perennial. Succulent. Ht ± 60 mm, ± 180 mm when in flower. Alt ± 500 m. EC

arachnoidea (L.) Duval var. **arachnoidea**

Aloe arachnoides Thunb. (8)

Aloe pumila L. var. *arachnoidea* L. (5)

H. arachnoidea (L.) Duval var. *minor* Haw. (5)

Perennial. Succulent. Ht 20–70 mm, ± 300 mm when in flower. Alt 425–1065 m. WC

arachnoidea (L.) Duval var. **aranea** (A.Berger) M.B.Bayer
H. bolusii Baker var. *aranea* A.Berger (8)

Perennial. Succulent. Ht 25–40 mm, ± 520 mm when in flower. Alt 500–1500 m. WC, EC

arachnoidea (L.) Duval var. *minor* Haw. = **H. arach-noidea** var. **arachnoidea**

arachnoidea (L.) Duval var. **namaquensis** M.B.Bayer

Perennial. Succulent. Ht 20–70 mm, ± 300 mm when in flower. Alt 500–1500 m. NC, WC

arachnoidea (L.) Duval var. **nigricans** (Haw.) M.B.Bayer

H. setata Haw. var. *nigricans* Haw. (7)

H. venterii Poelln. (8)

Perennial. Succulent. Ht 50–60 mm. Alt 500–1500 m. WC

arachnoidea (L.) Duval var. **scabrispina** M.B.Bayer

Perennial. Succulent. Ht 20–60 mm. Alt 500–1500 m. WC

arachnoidea (L.) Duval var. **setata** (Haw.) M.B.Bayer

Aloe setosa Schult. & Schult.f. (8)

H. gigas Poelln. (8)

H. setata Haw. (8)

H. setata Haw. var. *major* Haw. (8)

H. setata Haw. var. *media* Haw. (7)

Perennial. Succulent. Ht 25–33 mm, ± 300 mm when in flower. Alt 500–1500 m. WC, EC

arachnoidea (L.) Duval var. **xiphiophylla** (Baker) M.B.Bayer

H. longiaristata Poelln. (8)

H. xiphiophylla Baker (8)

Perennial. Succulent. Ht ± 40 mm, ± 250 mm when in flower. Alt 0–1500 m. EC

archeri W.F.Barker ex M.B.Bayer = **H. marumiana** var. **archeri**

archeri W.F.Barker ex M.B.Bayer var. *dimorpha* M.B.Bayer = **H. marumiana** var. **dimorpha**

aristata Haw.

H. denticulata Haw. (7)

H. setata Haw. var. *subinermis* Poelln. (7)

Perennial. Succulent. Ht 53–60 mm, ± 530 mm when in flower. Alt ± 500 m. EC

armstrongii Poelln. = **H. glauca** var. **herrei**

aspera (Salm-Dyck) Parr, illegitimate name = **Astroloba** **corrugata**

asperiuscula Haw. = **H. viscosa**

asperiuscula Haw. var. *patagiata* G.G.Sm. = **H. viscosa**

asperiuscula Haw. var. *subintegra* G.G.Sm. = **H. viscosa**

atrofusca G.G.Sm. = **H. magnifica** var. **atrofusca**

attenuata (Haw.) Haw. var. **attenuata**

Aloe attenuata Haw. (4)

H. attenuata (Haw.) Haw. var. *deltoidea* R.S.Farden (5)

H. attenuata (Haw.) Haw. var. *inuitata* R.S.Farden (5)

H. attenuata (Haw.) Haw. var. *linearis* R.S.Farden (5)

H. attenuata (Haw.) Haw. var. *minissima* R.S.Farden (5)

H. attenuata (Haw.) Haw. var. *odonoghueana* R.S.Farden (5)

H. attenuata (Haw.) Haw. var. *uitewaaliana* R.S.Farden (5)

H. britteniana Poelln. (7)

H. clariperla Haw. (7)

H. fasciata (Willd.) Haw. var. *caespitosa* A.Berger (5)

Perennial. Succulent. Ht 63–75 mm, ± 500 mm when in flower. Alt 0–1000 m. EC

attenuata (Haw.) Haw. var. *deltoidea* R.S.Farden = **H. attenuata** var. **attenuata**

attenuata (Haw.) Haw. var. *inuitata* R.S.Farden = **H. attenuata** var. **attenuata**

attenuata (Haw.) Haw. var. *linearis* R.S.Farden = **H. attenuata** var. **attenuata**

attenuata (Haw.) Haw. var. *minissima* R.S.Farden = **H. attenuata** var. **attenuata**

attenuata (Haw.) Haw. var. *odonoghueana* R.S.Farden = **H. attenuata** var. **attenuata**

attenuata (Haw.) Haw. var. **radula** (Jacq.) M.B.Bayer

Aloe radula Jacq. (7)

Aloe subulata Salm-Dyck (7)

H. radula (Jacq.) Haw. var. *pluriperlata* Haw. (8)

Perennial. Succulent. Ht ± 50 mm, ± 300 mm when in flower. Alt ± 200 m. EC

attenuata (Haw.) Haw. var. *uitewaaliana* R.S.Farden = **H. attenuata** var. **attenuata**

badia Poelln. = **H. mirabilis** var. **badia**

batesiana Uitewaal = **H. marumiana** var. **batesiana**

batteniae C.L.Scott = **H. bolusii** var. **blackbeardiana**

bayeri J.D.Venter & S.A.Hammer

Perennial. Succulent. Ht ± 30 mm, ± 290 mm when in flower. Alt 500–1000 m. WC, EC

baylissii C.L.Scott = **H. angustifolia** var. **baylissii**

beanii G.G.Sm. = **H. viscosa**

beanii G.G.Sm. var. *minor* G.G.Sm. = **H. viscosa**

bicarinata (Haw.) Parr = ×**Astroworthia bicarinata**

bijliana Poelln. var. *joubertii* Poelln. = **H. mucronata** var. **inconfluens**

blackbeardiana Poelln. = **H. bolusii** var. **blackbeardiana**

blackbeardiana Poelln. var. *major* Poelln. = **H. bolusii** var. **blackbeardiana**

blackburniae W.F.Barker var. **blackburniae**

Perennial. Succulent. Ht 60–150 mm, ± 260 mm when in flower. Alt 500–795 m. WC

blackburniae W.F.Barker var. **derustensis** M.B.Bayer

Perennial. Succulent. Ht ± 450 mm. Alt ± 500 m. WC

blackburniae W.F.Barker var. **graminifolia** (G.G.Sm.) M.B.Bayer

H. graminifolia G.G.Sm. (8)

Perennial. Succulent. Ht ± 450 mm, ± 630 mm when in flower. Alt 500–1000 m. WC

bolusii Baker var. *aranea* A.Berger = **H. arachnoidea** var. **aranea**

bolusii Baker var. **blackbeardiana** (Poelln.) M.B.Bayer

H. batteniae C.L.Scott (5)

H. blackbeardiana Poelln. (5)

H. blackbeardiana Poelln. var. *major* Poelln. (5)

H. inermis Haw. (5)

- Perennial. Succulent. Ht ± 45 mm, ± 340 mm when in flower. Alt 500–1000 m. FS, NC, EC
- bolusii** Baker var. **bolusii**
Perennial. Succulent. Ht ± 52 mm, ± 550 mm when in flower. Alt 800–1770 m. WC, EC
- bolusii* Baker var. *semiviva* Poelln. = **H. semiviva**
- breueri** M.Hayashi
Perennial. Succulent. Ht? Alt ± 1000 m. EC
- brevis* Haw. = **H. minima** var. **minima**
- britteniana* Poelln. = **H. attenuata** var. **attenuata**
- bronkhorstii** Hayashi
Perennial. Succulent. Ht? Alt 500–1000 m. EC
- browniana* Poelln. = **H. fasciata**
- bruynsii** M.B.Bayer
Perennial. Succulent. Ht 26–40 mm, ± 280 mm when in flower. Alt ± 800 m. EC
- bullulata* (Jacq.) Parr = **Astroloba bullulata**
- caespitosa* Poelln. = **H. turgida** var. **turgida**
- caespitosa* Poelln. forma *subplana* Poelln. = **H. turgida** var. **turgida**
- caespitosa* Poelln. forma *subproliferans* Poelln. = **H. turgida** var. **turgida**
- carrissoi* Resende = **H. glauca** var. **glauca**
- chalwinii* Marloth & A.Berger = **H. coarctata** var. **coarctata** forma **coarctata**
- chloracantha** Haw. var. **chloracantha**
Aloe chloracantha (Haw.) Schult. & Schult.f. (10)
Perennial. Succulent. Ht ± 20 mm, ± 210 mm when in flower. Alt 500–1000 m. WC
- chloracantha** Haw. var. **denticulifera** (Poelln.) M.B.Bayer
H. angustifolia Haw. var. *denticulifera* Poelln. (4)
H. angustifolia Haw. var. *liliputana* Uitewaal (4)
Perennial. Succulent. Ht ± 20 mm, ± 300 mm when in flower. Alt 0–500 m. WC
- chloracantha** Haw. var. **subglauca** Poelln.
Perennial. Succulent. Ht 25–38 mm, ± 300 mm when in flower. Alt 0–500 m. WC
- clariperla* Haw. = **H. attenuata** var. **attenuata**
- coarctata** Haw. var. **adelaidensis** (Poelln.) M.B.Bayer
H. reinwardtii (Salm-Dyck) Haw. var. *adelaidensis* Poelln. (8)
H. reinwardtii (Salm-Dyck) Haw. var. *bellula* G.G.Sm. (8)
H. reinwardtii (Salm-Dyck) Haw. var. *riebeekensis* G.G.Sm. (8)
Perennial. Succulent. Ht 50–150 mm, ± 550 mm when in flower. Alt 0–500 m. EC
- coarctata** Haw. var. **coarctata** forma **coarctata**
Aloe coarctata (Haw.) Schult. & Schult.f. (10, 11)
H. chalwinii Marloth & A.Berger (4)
H. coarctata Haw. var. *haworthii* forma *major* Resende (8)
H. coarctata Haw. var. *krausii* Resende (8)
H. fallax Poelln. (4)
H. fulva G.G.Sm. (4)
H. greenii Baker var. *silvicola* G.G.Sm. (4)
H. musculina G.G.Sm. (4)
H. reinwardtii (Salm-Dyck) Haw. var. *committeesensis* G.G.Sm. (4)
H. reinwardtii (Salm-Dyck) Haw. var. *conspicua* Poelln. (4)
H. reinwardtii (Salm-Dyck) Haw. var. *huntsdriftensis* G.G.Sm. (4)
H. reinwardtii (Salm-Dyck) Haw. var. *pseudocoarctata* Poelln. (4)
Perennial. Succulent. Ht ± 200 mm, ± 480 mm when in flower. Alt 800–1000 m. EC
- coarctata** Haw. var. **coarctata** forma **greenii** (Baker) M.B.Bayer
H. greenii Baker (8)
H. greenii Baker forma *minor* Resende (7)
H. peacockii Baker (8)
- Perennial. Succulent. Ht ± 200 mm, ± 480 mm when in flower. Alt 0–500 m. EC
- coarctata* Haw. var. *haworthii* forma *major* Resende = **H. coarctata** var. **coarctata** forma **coarctata**
- coarctata* Haw. var. *krausii* Resende = **H. coarctata** var. **coarctata** forma **coarctata**
- coarctata** Haw. var. **tenuis** (G.G.Sm.) M.B.Bayer
H. reinwardtii (Salm-Dyck) Haw. var. *tenuis* G.G.Sm. (8)
Perennial. Succulent. Ht ± 200 mm. Alt 0–500 m. EC
- comptoniana* G.G.Sm. = **H. emelyae** var. **comptoniana**
- concava* Haw. = **H. cymbiformis** var. **cymbiformis**
- concinna* Haw. = **H. viscosa**
- congesta* (Salm-Dyck) Parr = **Astroloba congesta**
- cooperi** Baker var. **cooperi**
H. vittata Baker (4)
Perennial. Succulent. Ht ± 45 mm, ± 330 mm when in flower. Alt 800–1000 m. EC
- cooperi** Baker var. **dielsiana** (Poelln.) M.B.Bayer
H. dielsiana Poelln. (8)
H. joeyae C.L.Scott (8)
Perennial. Succulent. Ht 20–25 mm, ± 360 mm when in flower. Alt 500–1500 m. EC
- cooperi** Baker var. **gordoniana** (Poelln.) M.B.Bayer
H. gordoniana Poelln. (8)
Perennial. Succulent. Ht 20–25 mm, ± 360 mm when in flower. Alt 0–1500 m. EC
- cooperi** Baker var. **leightonii** (G.G.Sm.) M.B.Bayer
H. leightonii G.G.Sm. (4)
Perennial. Succulent. Ht ± 45 mm, ± 260 mm when in flower. Alt 0–500 m. EC
- cooperi** Baker var. **pilifera** (Baker) M.B.Bayer
H. pilifera Baker (8)
H. pilifera Baker var. *dielsiana* forma *acuminata* Poelln. (8)
H. stayneri Poelln. (8)
H. stayneri Poelln. var. *salina* Poelln. (8)
Perennial. Succulent. Ht 20–25 mm, ± 360 mm when in flower. Alt? EC
- cooperi** Baker var. **truncata** (H.Jacobsen) M.B.Bayer
H. obtusa Haw. var. *pilifera* forma *truncata* H.Jacobsen (8)
Perennial. Succulent. Ht 20–25 mm, ± 360 mm when in flower. Alt 1000–1500 m. EC
- cooperi** Baker var. **venusta** (C.L.Scott) M.B.Bayer
H. venusta C.L.Scott (8)
Perennial. Succulent. Ht ± 38 mm, ± 200 mm when in flower. Alt 0–500 m. EC
- cordifolia* Haw. = **H. viscosa**
- correcta* Poelln. = **H. emelyae** var. **emelyae**
- crausii** Hayashi
Perennial. Succulent. Ht ± 100–150 mm. Alt 1000–1500 m. NC
- cymbiformis* (Haw.) Duval var. *angustata* Poelln. = **H. cymbiformis** var. **cymbiformis**
- cymbiformis* (Haw.) Duval var. *angustata* forma *subarmata* Poelln. = **H. cymbiformis** var. **cymbiformis**
- cymbiformis* (Haw.) Duval var. *brevifolia* Poelln. = **H. cymbiformis** var. **transiens**
- cymbiformis* (Haw.) Duval var. *compacta* Triebner = **H. cymbiformis** var. **cymbiformis**
- cymbiformis** (Haw.) Duval var. **cymbiformis**
Aloe cymbaefolia Schrad. (8)
Aloe cymbiformis Haw. (4)

- Aloe hebes* Schult. & Schult.f. (7)
Aloe planifolia (Haw.) Schult. & Schult.f. (11)
H. concava Haw. (5)
H. cymbiformis (Haw.) Duval var. *angustata* Poelln. (5)
H. cymbiformis (Haw.) Duval var. *angustata* forma *subarmata* Poelln. (5)
H. cymbiformis (Haw.) Duval var. *compacta* Triebner (5)
H. lepida G.G.Sm. (4)
H. planifolia Haw. (4)
H. planifolia Haw. var. *exulata* Poelln. (4)
H. planifolia Haw. var. *incrassata* Poelln. (4)
H. planifolia Haw. var. *longifolia* forma *calochlora* Triebner & Poelln. (4)
H. planifolia Haw. var. *longifolia* Triebner & Poelln. (5)
H. planifolia Haw. var. *planifolia* forma *agavoides* Triebner & Poelln. (4)
H. planifolia Haw. var. *planifolia* forma *alta* Triebner & Poelln. (4)
H. planifolia Haw. var. *planifolia* forma *olivacea* Triebner & Poelln. (4)
H. planifolia Haw. var. *planifolia* forma *robusta* Triebner & Poelln. (5)
H. planifolia Haw. var. *poellnitziana* Resende (7)
H. planifolia Haw. var. *sublaevis* Poelln. (4)
Perennial. Succulent. Ht 10–50 mm, ± 220 mm when in flower. Alt 0–915 m. EC
- cymbiformis** (Haw.) Duval var. **incurvula** (Poelln.) M.B.Bayer
H. incurvula Poelln. (4)
Perennial. Succulent. Ht ± 50 mm, ± 360 mm when in flower. Alt ± 500 m. EC
- cymbiformis* (Haw.) Duval var. *multifolia* Triebner = **H. cymbiformis** var. **transiens**
- cymbiformis* (Haw.) Duval var. *obesa* Poelln. = **H. cymbiformis** var. **setulifera**
- cymbiformis** (Haw.) Duval var. **obtusata** (Haw.) Baker
H. hilliana Poelln. (4)
H. obtusata Haw. (4)
H. umbraticola Poelln. (4)
Perennial. Succulent. Ht ± 25 mm, ± 133 mm when in flower. Alt 500–1500 m. EC
- cymbiformis** (Haw.) Duval var. **ramosa** (G.G.Sm.) M.B.Bayer
H. ramosa G.G.Sm. (8)
Perennial. Succulent. Ht ± 50 mm, ± 210 mm when in flower. Alt 0–500 m. EC
- cymbiformis** (Haw.) Duval var. **reddii** (C.L.Scott) M.B.Bayer
H. reddii C.L.Scott (8)
Perennial. Succulent. Ht ± 40 mm, ± 320 mm when in flower. Alt ± 900 m. EC
- cymbiformis** (Haw.) Duval var. **setulifera** (Poelln.) M.B.Bayer
H. cymbiformis (Haw.) Duval var. *obesa* Poelln. (8)
H. planifolia Haw. var. *setulifera* Poelln. (8)
Perennial. Succulent. Ht 50–55 mm. Alt 500–1500 m. EC
- cymbiformis** (Haw.) Duval var. **transiens** (Poelln.) M.B.Bayer
H. cymbiformis (Haw.) Duval var. *brevifolia* Poelln. (8)
H. cymbiformis (Haw.) Duval var. *multifolia* Triebner (8)
H. cymbiformis (Haw.) Duval var. *translucens* Triebner & Poelln. (5)
H. planifolia Haw. var. *transiens* Poelln. (4)
Perennial. Succulent. Ht 15–25 mm. Alt 0–1100 m. WC, EC
- cymbiformis* (Haw.) Duval var. *translucens* Triebner & Poelln. = **H. cymbiformis** var. **transiens**
- decipiens** Poelln. var. **cyanea** M.B.Bayer
Perennial. Succulent. Ht? Alt 500–1000 m. WC, EC
- decipiens** Poelln. var. **decipiens**
Perennial. Succulent. Ht 30–40 mm, ± 390 mm when in flower. Alt 500–1500 m. WC, EC
- decipiens** Poelln. var. **minor** M.B.Bayer
Perennial. Succulent. Ht? Alt 500–1500 m. EC
- decipiens** Poelln. var. **pringlei** C.L.Scott
H. pringlei C.L.Scott (8)
Perennial. Succulent. Ht ± 50 mm, 400–430 mm when in flower. Alt 500–1000 m. EC
- dekenahii* G.G.Sm. = **H. magnifica** var. **dekenahii**
- dekenahii* G.G.Sm. var. *argenteo-maculosa* G.G.Sm. = **H. pygmaea** var. **argenteo-maculosa**
- denticulata* Haw. = **H. aristata**
- dielsiana* Poelln. = **H. cooperi** var. **dielsiana**
- distincta* N.E.Br. = **H. venosa** subsp. **venosa**
- divergens* M.B.Bayer = **H. monticola** var. **monticola**
- diversifolia* Poelln. = **H. nigra** var. **diversifolia**
- dodsoniana* (Uitewaal) Parr = **Astroloba herrei**
- egregia* (Poelln.) Parr var. *egregia* (Poelln.) Parr = **Astroloba bullulata**
- egregia* (Poelln.) Parr var. *fardeniana* (Uitewaal) Parr = **Astroloba bullulata**
- eilyae* Poelln. = **H. glauca** var. **herrei**
- eilyae* Poelln. var. *zantneriana* Resende = **H. glauca** var. **herrei**
- emelyae* Poelln. var. *beukmannii* Poelln. = **H. mirabilis** var. **beukmannii**
- emelyae** Poelln. var. **comptoniana** (G.G.Sm.) J.D.Venter & S.A.Hammer
H. comptoniana G.G.Sm. (8)
Perennial. Succulent. Ht 0–16 mm, ± 220 mm when in flower. Alt 1000–1500 m. EC
- emelyae** Poelln. var. **emelyae**
H. correctata Poelln. (4)
H. picta Poelln. (4)
Perennial. Succulent. Ht 0–16 mm, ± 270 mm when in flower. Alt 500–1500 m. WC
- emelyae** Poelln. var. **major** (G.G.Sm.) M.B.Bayer
H. schuldiana Poelln. var. *major* G.G.Sm. (8)
Perennial. Succulent. Ht ± 300 mm when in flower. Alt 1000–1500 m. WC
- emelyae** Poelln. var. **multifolia** M.B.Bayer
Perennial. Succulent. Ht ± 200 mm when in flower. Alt 500–1000 m. WC
- engleri* Dinter = **H. venosa** subsp. **tessellata**
- enigma** M.Hayashi
Perennial. Succulent. Ht? Alt 300–500 m. WC
- erecta* Haw. = **H. minima** var. **minima**
- esterhuizenii** M.Hayashi
Perennial. Succulent. Ht? Alt 300–500 m. WC
- fallax* Poelln. = **H. coarctata** var. **coarctata** forma **coarctata**
- fasciata** (Willd.) Haw.
Aloe fasciata (Willd.) Haw. var. *major* Salm-Dyck (5)
Aloe fasciata (Willd.) Haw. var. *minor* Salm-Dyck (7)
Aloe subfasciata Salm-Dyck (7)
Apicra fasciata Willd. (4)
H. browniana Poelln. (8)
H. fasciata (Willd.) Haw. var. *fasciata* forma *ovato-lanceolata* Poelln. (5)
H. fasciata (Willd.) Haw. var. *fasciata* forma *sparsa* Poelln. (5)
H. fasciata (Willd.) Haw. var. *fasciata* forma *vanstadensis* Poelln. (5)
H. fasciata (Willd.) Haw. var. *fasciata* forma *variabilis* Poelln. (5)
H. fasciata (Willd.) Haw. var. *subconfluens* Poelln. (5)
H. subfasciata (Salm-Dyck) Baker (7)
Perennial. Succulent. Ht ± 140 mm, ± 520 mm when in flower. Alt 0–1000 m. EC

- fasciata* (Willd.) Haw. var. *caespitosa* A.Berger = **H. attenuata** var. **attenuata**
- fasciata* (Willd.) Haw. var. *fasciata* forma *ovato-lanceolata* Poelln. = **H. fasciata**
- fasciata* (Willd.) Haw. var. *fasciata* forma *sparsa* Poelln. = **H. fasciata**
- fasciata* (Willd.) Haw. var. *fasciata* forma *vanstadensis* Poelln. = **H. fasciata**
- fasciata* (Willd.) Haw. var. *fasciata* forma *variabilis* Poelln. = **H. fasciata**
- fasciata* (Willd.) Haw. var. *subconfluens* Poelln. = **H. fasciata**
- floribunda** Poelln. var. **dentata** M.B.Bayer
Perennial. Succulent. Ht ± 35 mm, ± 250 mm when in flower. Alt 0–500 m. WC
- floribunda** Poelln. var. **floribunda**
Perennial. Succulent. Ht ± 250 mm when in flower. Alt ± 500 m. WC
- floribunda** Poelln. var. **major** M.B.Bayer
Perennial. Succulent. Ht ± 300 mm when in flower. Alt ± 500 m. WC
- foliolosa* (Haw.) Haw. = **Astroloba foliolosa**
- fouchei* Poelln. = **H. retusa** var. **retusa**
- fulva* G.G.Sm. = **H. coarctata** var. **coarctata** forma **coarctata**
- geraldii** C.L.Scott
Perennial. Succulent. Ht ± 400 mm. Alt? WC
- gigas* Poell. = **H. arachnoidea** var. **setata**
- glabrata** (Salm-Dyck) Baker
Aloe glabrata Salm-Dyck (4)
Perennial. Succulent. Ht ± 120 mm, ± 350 mm when in flower. Alt 500–1000 m. EC
- glauc**a Baker var. **glauc**a
H. carrissoi Resende (4)
Perennial. Succulent. Ht 50–80 mm, ± 540 mm when in flower. Alt 150–250 m. EC
- glauc**a Baker var. **herrei** (Poelln.) M.B.Bayer
H. armstrongii Poelln. (7)
H. eilyae Poelln. (4)
H. eilyae Poelln. var. *zantmeriana* Resende (4)
H. herrei Poelln. (4)
H. herrei Poelln. var. *depauperata* Poelln. (4)
H. jacobseniana Poelln. (4)
H. jonesiae Poelln. (4)
Perennial. Succulent. Ht 100–200 mm, ± 600 mm when in flower. Alt 500–1000 m. EC
- globosiflora* G.G.Sm. = **H. nortieri** var. **globosiflora**
- gordoniana* Poelln. = **H. cooperi** var. **gordoniana**
- gracilis** Poelln. var. **gracilis**
Perennial. Succulent. Ht ± 45 mm, ± 320 mm when in flower. Alt 500–1000 m. EC
- gracilis** Poelln. var. **isabellae** (Poelln.) M.B.Bayer
H. isabellae Poelln. (8)
Perennial. Succulent. Ht 35–45 mm, 200–300 mm when in flower. Alt 0–1000 m. EC
- gracilis** Poelln. var. **picturata** M.B.Bayer
Perennial. Succulent. Ht ± 250 mm when in flower. Alt 0–1000 m. EC
- gracilis** Poelln. var. **tenera** (Poelln.) M.B.Bayer
H. tenera Poelln. (8)
Perennial. Succulent. Ht ± 35 mm, ± 170 mm when in flower. Alt 500–1500 m. EC
- gracilis** Poelln. var. **viridis** M.B.Bayer
Perennial. Succulent. Ht ± 215 mm when in flower. Alt 500–1500 m. EC
- graminifolia* G.G.Sm. = **H. blackburniae** var. **graminifolia**
- granata* (Willd.) Haw. var. *polyphylla* Haw. = **H. minima** var. **minima**
- granulata* Marloth = **H. venosa** subsp. **granulata**
- greenii* Baker = **H. coarctata** var. **coarctata** forma **greenii**
- greenii* Baker forma *minor* Resende = **H. coarctata** var. **coarctata** forma **greenii**
- greenii* Baker var. *silvicola* G.G.Sm. = **H. coarctata** var. **coarctata** forma **coarctata**
- guttata* Uitewaal = **H. reticulata** var. **reticulata**
- gweneana* Parr, invalid name = **Astroloba spiralis**
- haageana* Poelln. = **H. reticulata** var. **subregularis**
- haageana* Poelln. var. *subreticulata* Poelln. = **H. reticulata** var. **subregularis**
- habdomadis* Poelln. = **H. mucronata** var. **habdomadis**
- harlandiana* Parr = **Astroloba herrei**
- hayashi** M.Hayashi
Perennial. Succulent. Ht? Alt 500–1000 m. WC
- heidelbergensis** G.G.Sm. var. **heidelbergensis**
Perennial. Succulent. Ht ± 35 mm, ± 330 mm when in flower. Alt 250–500 m. WC
- heidelbergensis** G.G.Sm. var. **minor** M.B.Bayer
Perennial. Succulent. Ht ± 470 mm when in flower. Alt 0–500 m. WC
- heidelbergensis** G.G.Sm. var. **scabra** M.B.Bayer
Perennial. Succulent. Ht ± 30 mm, ± 630 mm when in flower. Alt 0–500 m. WC
- heidelbergensis** G.G.Sm. var. **toonensis** M.B.Bayer
Perennial. Succulent. Ht ± 625 mm when in flower. Alt 0–500 m. WC
- hemiae* Poelln. = **H. mucronata** var. **mucronata**
- herbacea** (Mill.) Stearn var. **flaccida** M.B.Bayer
Perennial. Succulent. Ht ± 50 mm. Alt 250–500 m. WC
- herbacea** (Mill.) Stearn var. **herbacea**
Aloe arachnoides Thunb. var. *pellucens* Salm-Dyck (7)
Aloe atrovirens DC. (7)
Aloe bradlyana Jacq. (7)
Aloe herbacea Mill. (7)
Aloe pallida (Haw.) Schult. & Schult.f. (11)
Aloe pellucens Haw. (10, 11)
Aloe translucens Haw. (11)
Catevala atrovirens Medik. (7)
H. aegrota Poelln. (7)
H. luteoidea Uitewaal (7)
H. pallida Haw. (7)
H. pellucens Haw. (7)
H. submaculata Poelln. (7)
H. translucens Haw. (8)
Perennial. Succulent. Ht ± 40 mm, ± 300 mm when in flower. Alt 500–1220 m. WC
- herbacea** (Mill.) Stearn var. **lupula** M.B.Bayer
Perennial. Succulent. Ht ± 50 mm. Alt ± 1500 m. WC
- herbacea** (Mill.) Stearn var. **paynei** (Poelln.) M.B.Bayer
H. paynei Poelln.
Perennial. Succulent. Ht ± 50 mm, 250–300 mm when in flower. Alt ± 500 m. WC

- herrei* Poelln. = **H. glauca** var. **herrei**
herrei Poelln. var. *depauperata* Poelln. = **H. glauca** var. **herrei**
- hilliana* Poelln. = **H. cymbiformis** var. **obtusata**
hurlingii Poelln. = **H. reticulata** var. **hurlingii**
hurlingii Poelln. var. *ambigua* Triebner & Poelln. = **H. reticulata** var. **reticulata**
- hybrida* (Salm-Dyck) Haw. = excluded name, possibly garden hybrid (8, 10)
- incurvula* Poelln. = **H. cymbiformis** var. **incurvula**
indurata Haw. = **H. viscosa**
inermis Poelln. = **H. bolusii** var. **blackbeardiana**
- integra** Poelln. var. **integra**
H. rycroftiana M.B.Bayer (7)
 Perennial. Succulent. Ht ± 27 mm, ± 150 mm when in flower. Alt 300–400 m. WC
- integra** Poelln. var. **standeri** J.M. Esterhuizen
 Perennial. Succulent. Ht ± 15 mm, 150–200 when in flower. Alt 500–700 m. WC
- intermedia* Poelln. = **H. maculata** var. **intermedia**
isabellae Poelln. = **H. gracilis** var. **isabellae**
jacobseniana Poelln. = **H. glauca** var. **herrei**
joeyae C.L.Scott = **H. cooperi** var. **dielsiana**
jonesiae Poelln. = **H. glauca** var. **herrei**
- kingiana** Poelln.
 Perennial. Succulent. Ht ± 180 mm, ± 430 mm when in flower. Alt 0–400 m. WC
- koelmaniorum** Oberm. & D.S.Hardy var. **koelmaniorum**
 Perennial. Succulent. Ht ± 20 mm, ± 350 mm when in flower. Alt ± 920 m. M
- koelmaniorum** Oberm. & D.S.Hardy var. **mcmurtryi** (C.L.Scott) M.B.Bayer
H. mcmurtryi C.L.Scott (8)
 Perennial. Succulent. Ht ± 18 mm. Alt ± 1000 m. M
- laetevirens* Haw. = **H. turgida** var. **turgida**
laevis Haw. = **H. marginata**
- lateganiae* Poelln. = **H. scabra** var. **lateganiae**
leightonii G.G.Sm. = **H. cooperi** var. **leightonii**
lepida G.G.Sm. = **H. cymbiformis** var. **cymbiformis**
- limifolia** Marloth var. **arcana** G.F.Sm. & N.R.Crouch
 Perennial. Succulent. Ht ± 50 mm. Alt ± 300 m. M
- limifolia** Marloth var. **gigantea** M.B.Bayer
 Perennial. Succulent. Ht ± 100 mm, ± 750 mm when in flower. Alt 0–1500 m. M, S, KZN
- limifolia* Marloth var. *keithii* G.G.Sm., new synonym = **H. limifolia** var. **ubomboensis**
- limifolia** Marloth var. **limifolia**
H. limifolia Marloth var. *limifolia* forma *diploidea* Resende (11)
H. limifolia Marloth var. *limifolia* forma *tetraploidea* Resende (11)
H. limifolia Marloth var. *stolonifera* Resende (5)
H. limifolia Marloth var. *stolonifera* Resende forma *major* Resende (5)
H. limifolia Marloth var. *stolonifera* Resende forma *pimentellii* Resende (5)
 Perennial. Herb, succulent. Ht 30–100 mm, ± 500 mm when in flower. Alt 300–1200 m. M, KZN
- limifolia* Marloth var. *limifolia* forma *diploidea* Resende = **H. limifolia** var. **limifolia**
- limifolia* Marloth var. *limifolia* forma *tetraploidea* Resende = **H. limifolia** var. **limifolia**
- limifolia* Marloth var. *stolonifera* Resende = **H. limifolia** var. **limifolia**
- limifolia* Marloth var. *stolonifera* Resende forma *major* Resende = **H. limifolia** var. **limifolia**
- limifolia* Marloth var. *stolonifera* Resende forma *pimentellii* Resende = **H. limifolia** var. **limifolia**
- limifolia** Marloth var. **ubomboensis** (I. Verd.) G.G.Sm.
H. limifolia Marloth var. *keithii* G.G.Sm., new synonym
H. ubomboensis I. Verd. (8)
 Perennial. Succulent. Ht 30–60 mm, ± 300 mm when in flower. Alt ± 610 m. S
- limpida* Haw. = **H. mucronata** var. **mucronata**
- lockwoodii** Archibald
 Perennial. Succulent. Ht 50–80 mm, ± 270 mm when in flower. Alt 500–1500 m. WC
- longiana** Poelln.
H. longiana Poelln. var. *albinota* G.G.Sm. (4)
 Perennial. Succulent. Ht ± 300 mm, ± 610 mm when in flower. Alt 50–200 m. EC
- longiana* Poelln. var. *albinota* G.G.Sm. = **H. longiana**
longiaristata Poelln. = **H. arachnoidea** var. **xiphiophylla**
longibracteata G.G.Sm. = **H. turgida** var. **longibracteata**
luteorosea Uitewaal = **H. herbacea** var. **herbacea**
- maculata** (Poelln.) M.B.Bayer var. **intermedia** M.B.Bayer
H. intermedia Poelln. (8)
 Perennial. Succulent. Ht 35–40 mm, ± 300 mm when in flower. Alt 500–1500 m. WC
- maculata** (Poelln.) M.B.Bayer var. **maculata**
H. schuldiana Poelln. var. *maculata* Poelln. (4)
 Perennial. Succulent. Ht ± 40 mm. Alt 500–1500 m. WC
- magnifica** Poelln. var. **acuminata** (M.B.Bayer) M.B.Bayer
H. retusa (L.) Duval forma *acuminata* M.B.Bayer (8)
 Perennial. Succulent. Ht ± 20 mm. Alt 0–500 m. WC
- magnifica** Poelln. var. **atrofusca** (G.G.Sm.) M.B.Bayer
H. atrofusca G.G.Sm. (8)
 Perennial. Succulent. Ht ± 40 mm, ± 210 mm when in flower. Alt 0–500 m. WC
- magnifica** Poelln. var. **dekenahii** (G.G.Sm.) M.B.Bayer
H. dekenahii G.G.Sm. (8)
 Perennial. Succulent. Ht ± 150 mm when in flower. Alt ± 500 m. WC
- magnifica** Poelln. var. **magnifica**
 Perennial. Succulent. Ht ± 360 mm when in flower. Alt ?–225 m. WC
- magnifica** Poelln. var. **splendens** J.D.Venter & S.A.Hammer
 Perennial. Succulent. Ht ± 450 mm when in flower. Alt 0–500 m. WC
- maraisii** Poelln. var. **maraisii**
H. schuldiana Poelln. (4)
H. schuldiana Poelln. var. *minor* Triebner & Poelln. (4)
H. schuldiana Poelln. var. *robertsonensis* Poelln. (4)
H. schuldiana Poelln. var. *simplicior* Poelln. (4)
H. schuldiana Poelln. var. *sublaevis* Poelln. (4)
H. schuldiana Poelln. var. *subtuberculata* Poelln. (4)
H. schuldiana Poelln. var. *unilineata* Poelln. (4)
H. sublimpidula Poelln. (4)
H. triebneriana Poelln. var. *diversicolor* Triebner & Poelln. (4)
H. whitesloaneana Poelln. (4)
 Perennial. Succulent. Ht 30–40 mm, ± 450 mm when in flower. Alt 0–1500 m. WC

- maraisii** Poelln. var. **meiringii** M.B.Bayer
Perennial. Succulent. Ht 30–40 mm, ± 300 mm when in flower. Alt ± 500 m. WC
- maraisii** Poelln. var. **notabilis** (Poelln.) M.B.Bayer
H. notabilis Poelln. (4)
H. schuldtiana Poelln. var. *erecta* Triebner & Poelln. (4)
Perennial. Succulent. Ht 40–50 mm, ± 300 mm when in flower. Alt ± 500 m. WC
- margaritifera* (L.) Haw. var. *corallina* Baker = **H. minima** var. **minima**
- margaritifera* (L.) Haw. var. *maxima* (Haw.) Uitewaal = **H. maxima**
- margaritifera* (L.) Haw. var. *minima* (Aiton) Uitewaal = **H. minima** var. **minima**
- margaritifera* (L.) Haw. var. *minor* (Aiton) Uitewaal = **H. minima** var. **minima**
- marginata** (Lam.) Stearn
Aloe albicans Haw. (4)
Aloe laevigata Schult. & Schult.f.
Aloe marginata Lam. (4)
Aloe virescens (Haw.) Schult. & Schult.f. (11)
H. laevis Haw. (4)
H. ramifera Haw. (4)
H. virescens Haw. (4)
H. virescens Haw. var. *minor* Haw. (7)
Perennial. Succulent. Ht ± 200 mm, ± 700 mm, when in flower. Alt 100–200 m. WC
- marumiana** Uitewaal var. **archeri** (W.F.Barker ex M.B.Bayer) M.B.Bayer
H. archeri W.F.Barker ex M.B.Bayer (8)
Perennial. Succulent. Ht ± 26 mm, 300–500 mm when in flower. Alt 500–1500 m. NC, WC
- marumiana** Uitewaal var. **batesiana** (Uitewaal) M.B.Bayer
H. batesiana Uitewaal (8)
Perennial. Succulent. Ht ± 23 mm, 310–400 mm when in flower. Alt 500–1500 m. EC
- marumiana** Uitewaal var. **dimorpha** (M.B.Bayer) M.B.Bayer
H. archeri W.F.Barker ex M.B.Bayer var. *dimorpha* M.B.Bayer (8)
Perennial. Succulent. Ht ± 40 mm. Alt 1000–1500 m. WC
- marumiana** Uitewaal var. **marumiana**
Perennial. Succulent. Ht ± 20 mm, ± 230 mm when in flower. Alt ?–1000 m. WC, EC
- marumiana** Uitewaal var. **viridis** M.B.Bayer
Perennial. Succulent. Ht? Alt 1000–1500 m. WC
- maughanii* Poelln. = **H. truncata** var. **maughanii**
- maxima** (Haw.) Duval
Aloe margaritifera (L.) Burm.f. (10)
Aloe margaritifera (L.) Burm.f. var. *maxima* Haw. (11)
Aloe papillosa Salm-Dyck, new synonym
Aloe pumila L. var. *margaritifera* L. (11)
Aloe semiglabrata (Haw.) Schult. & Schult.f., new synonym
Aloe semimargaritifera Salm-Dyck (11)
Aloe semimargaritifera Salm-Dyck var. *maxima* Salm-Dyck (11)
H. margaritifera (L.) Haw. var. *maxima* (Haw.) Uitewaal (11)
H. papillosa (Salm-Dyck) Haw. var. *semipapillosa* Haw., new synonym
H. semiglabrata Haw., new synonym
Perennial. Succulent. Ht 70–150 mm, ± 600 mm when in flower. Alt 500–1500 m. WC
- mclarenii* Poelln. = **H. mucronata** var. **mucronata**
- mcmurtryi* C.L.Scott = **H. koelmaniorum** var. **mcmurtryi**
- minima** (Aiton) Haw. var. **minima**
Aloe erecta (Haw.) Salm-Dyck var. *laetevirens* Salm-Dyck (4)
Aloe granata (Willd.) Salm-Dyck var. *major* Salm-Dyck (7)
Aloe granata (Willd.) Salm-Dyck var. *minor* Salm-Dyck (7)
Aloe granata (Willd.) Schult. & Schult.f. (7)
Aloe margaritifera (L.) Burm.f. var. *minima* Aiton (4)
Aloe margaritifera (L.) Burm.f. var. *minor* Aiton (8)
Aloe minor (Aiton) Schult. & Schult.f. (11)
Aloe pumila var. β L. (8)
Aloe pumila var. γ L. (7)
Apicra granata Willd. (4)
H. brevis Haw. (4)
H. erecta Haw. (8)
H. granata (Willd.) Haw. var. *polyphylla* Haw. (4)
H. margaritifera (L.) Haw. var. *corallina* Baker (5)
H. margaritifera (L.) Haw. var. *minima* (Aiton) Uitewaal (11)
H. margaritifera (L.) Haw. var. *minor* (Aiton) Uitewaal (11)
H. mutabilis Poelln. (4)
Perennial. Succulent. Ht ± 120 mm, ± 460 mm when in flower. Alt 0–1500 m. WC
- minima** (Aiton) Haw. var. **poellnitziana** (Uitewaal) M.B.Bayer
H. poellnitziana Uitewaal (8)
Perennial. Succulent. Ht 70–180 mm, ± 300 mm when in flower. Alt ± 500 m. WC
- minutissima* Poelln. = **H. venosa** subsp. **tessellata**
- mirabilis** (Haw.) Haw. var. **badia** (Poelln.) M.B.Bayer
H. badia Poelln. (8)
Perennial. Succulent. Ht 40–50 mm, ± 550 mm when in flower. Alt ± 500 m. WC
- mirabilis** (Haw.) Haw. var. **beukmannii** (Poelln.) M.B.Bayer
H. emelyae Poelln. var. *beukmannii* Poelln. (8)
Perennial. Succulent. Ht 40–50 mm, ± 700 mm when in flower. Alt ± 500 m. WC
- mirabilis** (Haw.) Haw. var. **calcareo** M.B.Bayer
Perennial. Succulent. Ht 40–50 mm. Alt 0–500 m. WC
- mirabilis** (Haw.) Haw. var. **consanguinea** M.B.Bayer
Perennial. Succulent. Ht 30–40 mm. Alt 1000–1500 m. WC
- mirabilis** (Haw.) Haw. var. **mirabilis**
Aloe mirabilis Haw. (4)
H. mundula G.G.Sm. (8)
Perennial. Succulent. Ht 40–50 mm, ± 460 mm when in flower. Alt ± 500 m. WC
- mirabilis** (Haw.) Haw. var. **paradoxa** (Poelln.) M.B.Bayer
H. paradoxa Poelln. (8)
Perennial. Succulent. Ht ± 30 mm, ± 600 mm when in flower. Alt 0–500 m. WC
- mirabilis** (Haw.) Haw. var. **sublineata** (Poelln.) M.B.Bayer
H. triebneriana Poelln. var. *sublineata* Poelln. (8)
Perennial. Succulent. Ht ± 35 mm, ± 650 mm when in flower. Alt ± 500 m. WC
- mirabilis** (Haw.) Haw. var. **triebneriana** (Poelln.) M.B.Bayer
H. nitidula Poelln. (8)
H. rossowii Poelln. (8)
H. triebneriana Poelln. (8)
H. triebneriana Poelln. var. *depauperata* Poelln. (8)
H. triebneriana Poelln. var. *multituberculata* Poelln. (8)
H. triebneriana Poelln. var. *napiensis* Triebner & Poelln. (8)
H. triebneriana Poelln. var. *pulchra* Poelln. (8)
H. triebneriana Poelln. var. *rubrodentata* Triebner & Poelln. (8)
H. triebneriana Poelln. var. *subtuberculata* Poelln. (8)
H. triebneriana Poelln. var. *turgida* Triebner (8)
H. willowmorensis Poelln. (8)
Perennial. Succulent. Ht ± 35 mm, ± 530 mm when in flower. Alt 0–500 m. WC
- monticola** Fourc. var. **asema** M.B.Bayer
Perennial. Succulent. Ht 20–60 mm, ± 250 mm when in flower. Alt ± 500 m. WC
- monticola** Fourc. var. **monticola**
H. divergens M.B.Bayer (8)

- Perennial. Succulent. Ht 20–60 mm, ± 250 mm when in flower. Alt 1000–1500 m. WC
- morrissiae* Poelln. = **H. scabra** var. **morrissiae**
- mucronata** Haw. var. **habdomadis** (Poelln.) M.B.Bayer
H. habdomadis Poelln. (8)
Perennial. Succulent. Ht 20–25 mm, ± 260 mm when in flower. Alt 500–2300 m. WC
- mucronata** Haw. var. **inconfluens** (Poelln.) M.B.Bayer
H. altilinea Haw. var. *limpida* forma *inconfluens* Poelln. (8)
H. bijliana Poelln. var. *joubertii* Poelln. (8)
Perennial. Succulent. Ht ± 40 mm. Alt 1000–1500 m. WC
- mucronata** Haw. var. **morrissiae** (Poelln.) M.B.Bayer
H. altilinea Haw. var. *morrissiae* Poelln. (8)
Perennial. Succulent. Ht 20–50 mm, ± 600 mm when in flower. Alt 500–1500 m. WC
- mucronata** Haw. var. **mucronata**
Aloe altilinea (Haw.) Schult. & Schult.f. (5)
H. helmiae Poelln. (8)
H. limpida Haw. (5)
H. mclarenii Poelln. (8)
H. unicolor Poelln. (8)
Perennial. Succulent. Ht 30–40 mm, ± 390 mm when in flower. Alt 1000–1500 m. WC
- mucronata** Haw. var. **rooibergensis** J.M.Esterhuizen & L.Battista
Perennial. Succulent. Ht ± 30 mm, ± 300 mm when in flower. Alt ± 500 m. WC
- mundula* G.G.Sm. = **H. mirabilis** var. **mirabilis**
- musculina* G.G.Sm. = **H. coarctata** var. **coarctata** forma **coarctata**
- mutabilis* Poelln. = **H. minima** var. **minima**
- mutica** Haw. var. **mutica**
H. otzenii G.G.Sm. (4)
Perennial. Succulent. Ht ± 42 mm, ± 130 mm when in flower. Alt 0–500 m. WC
- mutica** Haw. var. **nigra** M.B.Bayer
Perennial. Succulent. Ht? Alt ± 500 m. WC
- nigra** (Haw.) Baker var. **diversifolia** (Poelln.) Uitewaal
H. diversifolia Poelln. (8)
H. schmidtiana Poelln. var. *diversifolia* Poelln. forma *nana* Poelln. (8)
Perennial. Succulent. Ht ± 50 mm, ± 450 mm when in flower. Alt 500–1500 m. NC, WC, EC
- nigra** (Haw.) Baker var. **nigra**
Aloe nigra (Haw.) Schult. & Schult.f. (11)
Apicra nigra Haw. (4)
H. ryneveldii Poelln. (4)
H. schmidtiana Poelln. (4)
H. schmidtiana Poelln. var. *angustata* Poelln. (4)
H. schmidtiana Poelln. var. *elongata* Poelln. (4)
H. schmidtiana Poelln. var. *pusilla* Poelln. (4)
H. schmidtiana Poelln. var. *suberectata* Poelln. (4)
Perennial. Succulent. Ht ± 150 mm, ± 530 mm when in flower. Alt 300–765 m. WC, EC
- nigricans* Haw. = **Gasteria nitida** var. **nitida**
- nitidula* Poelln. = **H. mirabilis** var. **triebneriana**
- nortieri* G.G.Sm. var. *giftbergensis* G.G.Sm. = **H. nortieri** var. **nortieri**
- nortieri** G.G.Sm. var. **globosiflora** (G.G.Sm.) M.B.Bayer
H. globosiflora G.G.Sm. (4)
Perennial. Succulent. Ht ± 45 mm, ± 250 mm when in flower. Alt 1000–1500 m. NC, WC
- nortieri* G.G.Sm. var. *montana* G.G.Sm. = **H. nortieri** var. **nortieri**
- nortieri** G.G.Sm. var. **nortieri**
H. nortieri G.G.Sm. var. *giftbergensis* G.G.Sm. (5)
H. nortieri G.G.Sm. var. *montana* G.G.Sm. (5)
Perennial. Succulent. Ht ± 37 mm, ± 350 mm when in flower. Alt 0–1500 m. NC, WC
- nortieri** G.G.Sm. var. **pehlemanniae** (C.L.Scott) M.B.Bayer
H. pehlemanniae C.L.Scott (8)
Perennial. Succulent. Ht ± 30 mm, ± 210 mm when in flower. Alt 500–1500 m. WC
- notabilis* Poelln. = **H. maraisii** var. **notabilis**
- obtusa* Haw. = **H. cymbiformis** var. **obtusa**
- obtusa* Haw. var. *pilifera* forma *truncata* H.Jacobsen = **H. cooperi** var. **truncata**
- olivettiana* Parr = ×**Astroworthia bicarinata**
- opalina** M.Hayashi
Perennial. Succulent. Ht? Alt ± 900 m. WC
- otzenii* G.G.Sm. = **H. mutica** var. **mutica**
- outeniquensis** M.B.Bayer
Perennial. Succulent. Ht ± 60 mm, 450–600 mm when in flower. Alt 1000–1500 m. WC
- pallida* Haw. = **H. herbacea** var. **herbacea**
- papillosa* (Salm-Dyck) Haw. var. *semipapillosa* Haw., new synonym = **H. maxima**
- paradoxa* Poelln. = **H. mirabilis** var. **paradoxa**
- parksiana** Poelln.
Perennial. Succulent. Ht ± 230 mm when in flower. Alt 0–500 m. WC
- parva* Haw. = **H. venosa** subsp. **tessellata**
- paynei* (Poelln.) Poelln. = **H. herbacea** var. **paynei**
- peacockii* Baker = **H. coarctata** var. **coarctata** forma **greenii**
- pehlemanniae* C.L.Scott = **H. nortieri** var. **pehlemanniae**
- pellucens* Haw. = **H. herbacea** var. **herbacea**
- picta* Poelln. = **H. emelyae** var. **emelyae**
- pilifera* Baker = **H. cooperi** var. **pilifera**
- pilifera* Baker var. *dielsiana* forma *acuminata* Poelln. = **H. cooperi** var. **pilifera**
- planifolia* Haw. = **H. cymbiformis** var. **cymbiformis**
- planifolia* Haw. var. *exulata* Poelln. = **H. cymbiformis** var. **cymbiformis**
- planifolia* Haw. var. *incrassata* Poelln. = **H. cymbiformis** var. **cymbiformis**
- planifolia* Haw. var. *longifolia* forma *calochlora* Triebner & Poelln. = **H. cymbiformis** var. **cymbiformis**
- planifolia* Haw. var. *longifolia* Triebner & Poelln. = **H. cymbiformis** var. **cymbiformis**
- planifolia* Haw. var. *planifolia* forma *agavoides* Triebner & Poelln. = **H. cymbiformis** var. **cymbiformis**
- planifolia* Haw. var. *planifolia* forma *alta* Triebner & Poelln. = **H. cymbiformis** var. **cymbiformis**
- planifolia* Haw. var. *planifolia* forma *olivacea* Triebner & Poelln. = **H. cymbiformis** var. **cymbiformis**
- planifolia* Haw. var. *planifolia* forma *robusta* Triebner & Poelln. = **H. cymbiformis** var. **cymbiformis**
- planifolia* Haw. var. *poellnitziana* Resende = **H. cymbiformis** var. **cymbiformis**

- planifolia* Haw. var. *setulifera* Poelln. = **H. cymbiformis** var. **setulifera**
- planifolia* Haw. var. *sublaevis* Poelln. = **H. cymbiformis** var. **cymbiformis**
- planifolia* Haw. var. *transiens* Poelln. = **H. cymbiformis** var. **transiens**
- poellnitziana* Uitewaal = **H. minima** var. **poellnitziana**
- pringlei* C.L.Scott = **H. decipiens** var. **pringlei**
- pseudotessellata* Poelln. = **H. venosa** subsp. **tessellata**
- pubescens** M.B.Bayer var. **livida** M.B.Bayer
Perennial. Succulent. Ht ± 30 mm, ± 125 mm when in flower. Alt ± 500 m. WC
- pubescens** M.B.Bayer var. **pubescens**
Perennial. Succulent. Ht ± 30 mm, ± 125 mm when in flower. Alt ± 500 m. WC
- pulchella** M.B.Bayer var. **globifera** M.B.Bayer
Perennial. Succulent. Ht? Alt 500–1000 m. WC
- pulchella** M.B.Bayer var. **pulchella**
Perennial. Succulent. Ht ± 27 mm, ± 350 mm when in flower. Alt 730–1023 m. WC
- pungens** M.B.Bayer
Perennial. Succulent. Ht ± 20 mm, ± 450 mm when in flower Alt 500–1000 m. WC
- pygmaea** Poelln. var. **argenteo-maculosa** (G.G.Sm.) M.B.Bayer
H. dekenahii G.G.Sm. var. *argenteo-maculosa* G.G.Sm. (8)
Perennial. Succulent. Ht ± 38 mm, ± 340 mm when in flower. Alt 0–500 m. WC
- pygmaea** Poelln. var. **pygmaea**
Perennial. Succulent. Ht ± 300 mm when in flower. Alt 0–500 m. WC
- radula* (Jacq.) Haw. var. *pluriperlata* Haw. = **H. attenuata** var. **radula**
- ramifera* Haw. = **H. marginata**
- ramosa* G.G.Sm. = **H. cymbiformis** var. **ramosa**
- reddii* C.L.Scott = **H. cymbiformis** var. **reddii**
- reinwardtii* (Salm-Dyck) Haw. var. *adelaidensis* Poelln. = **H. coarctata** var. **adelaidensis**
- reinwardtii* (Salm-Dyck) Haw. var. *archibaldiae* Poelln. = **H. reinwardtii** var. **reinwardtii** forma **reinwardtii**
- reinwardtii* (Salm-Dyck) Haw. var. *bellula* G.G.Sm. = **H. coarctata** var. **adelaidensis**
- reinwardtii** (Salm-Dyck) Haw. var. **brevicula** G.G.Sm.
H. reinwardtii (Salm-Dyck) Haw. var. *diminuta* G.G.Sm. (4)
Perennial. Succulent. Ht ± 80 mm, ± 400 mm when in flower. Alt 0–500 m. EC
- reinwardtii* (Salm-Dyck) Haw. var. *chalumnensis* G.G.Sm. = **H. reinwardtii** var. **reinwardtii** forma **chalumnensis**
- reinwardtii* (Salm-Dyck) Haw. var. *committeesensis* G.G.Sm. = **H. coarctata** var. **coarctata** forma **coarctata**
- reinwardtii* (Salm-Dyck) Haw. var. *conspicua* Poelln. = **H. coarctata** var. **coarctata** forma **coarctata**
- reinwardtii* (Salm-Dyck) Haw. var. *diminuta* G.G.Sm. = **H. reinwardtii** var. **brevicula**
- reinwardtii* (Salm-Dyck) Haw. var. *grandicula* G.G.Sm. = **H. reinwardtii** var. **reinwardtii** forma **reinwardtii**
- reinwardtii* (Salm-Dyck) Haw. var. *huntsdriftensis* G.G.Sm. = **H. coarctata** var. **coarctata** forma **coarctata**
- reinwardtii* (Salm-Dyck) Haw. var. *kaffirdriftensis* G.G.Sm. = **H. reinwardtii** var. **reinwardtii** forma **kaffirdriftensis**
- reinwardtii* (Salm-Dyck) Haw. var. *major* Baker = **H. reinwardtii** var. **reinwardtii** forma **reinwardtii**
- reinwardtii* (Salm-Dyck) Haw. var. *olivacea* G.G.Sm. = **H. reinwardtii** var. **reinwardtii** forma **olivacea**
- reinwardtii* (Salm-Dyck) Haw. var. *peddiensis* G.G.Sm. = **H. reinwardtii** var. **reinwardtii** forma **reinwardtii**
- reinwardtii* (Salm-Dyck) Haw. var. *pseudocoarctata* Poelln. = **H. coarctata** var. **coarctata** forma **coarctata**
- reinwardtii* (Salm-Dyck) Haw. var. *pulchra* Poelln. = **H. reinwardtii** var. **reinwardtii** forma **reinwardtii**
- reinwardtii** (Salm-Dyck) Haw. var. **reinwardtii** forma **chalumnensis** (G.G.Sm.) M.B.Bayer
H. reinwardtii (Salm-Dyck) Haw. var. *chalumnensis* G.G.Sm. (4)
Perennial. Succulent. Ht ± 130 mm, ± 500 mm when in flower. Alt 0–500 m. EC
- reinwardtii** (Salm-Dyck) Haw. var. **reinwardtii** forma **kaffirdriftensis** (G.G.Sm.) M.B.Bayer
H. reinwardtii (Salm-Dyck) Haw. var. *kaffirdriftensis* G.G.Sm. (4)
Perennial. Succulent. Ht ± 120 mm, ± 420 mm when in flower. Alt 0–500 m. EC
- reinwardtii** (Salm-Dyck) Haw. var. **reinwardtii** forma **olivacea** (G.G.Sm.) M.B.Bayer
H. reinwardtii (Salm-Dyck) Haw. var. *olivacea* G.G.Sm. (102)
Perennial. Succulent. Ht ± 80 mm, ± 260 mm when in flower. Alt 0–500 m. EC
- reinwardtii** (Salm-Dyck) Haw. var. **reinwardtii** forma **reinwardtii**
Aloe reinwardtii Salm-Dyck (4)
H. reinwardtii (Salm-Dyck) Haw. var. *archibaldiae* Poelln. (5)
H. reinwardtii (Salm-Dyck) Haw. var. *grandicula* G.G.Sm. (5)
H. reinwardtii (Salm-Dyck) Haw. var. *major* Baker (5)
H. reinwardtii (Salm-Dyck) Haw. var. *peddiensis* G.G.Sm. (5)
H. reinwardtii (Salm-Dyck) Haw. var. *pulchra* Poelln. (5)
H. reinwardtii (Salm-Dyck) Haw. var. *triebnerii* Resende (5)
H. reinwardtii (Salm-Dyck) Haw. var. *valida* G.G.Sm. (5)
Perennial. Succulent. Ht ± 510 mm when in flower. Alt 10–610 m. EC
- reinwardtii** (Salm-Dyck) Haw. var. **reinwardtii** forma **zebrina** (G.G.Sm.) M.B.Bayer
H. reinwardtii (Salm-Dyck) Haw. var. *zebrina* G.G.Sm. (102)
Perennial. Succulent. Ht ± 140 mm, ± 530 mm when in flower. Alt 0–500 m. EC
- reinwardtii* (Salm-Dyck) Haw. var. *riebeekensis* G.G.Sm. = **H. coarctata** var. **adelaidensis**
- reinwardtii* (Salm-Dyck) Haw. var. *tenuis* G.G.Sm. = **H. coarctata** var. **tenuis**
- reinwardtii* (Salm-Dyck) Haw. var. *triebnerii* Resende = **H. reinwardtii** var. **reinwardtii** forma **reinwardtii**
- reinwardtii* (Salm-Dyck) Haw. var. *valida* G.G.Sm. = **H. reinwardtii** var. **reinwardtii** forma **reinwardtii**
- reinwardtii* (Salm-Dyck) Haw. var. *zebrina* G.G.Sm. = **H. reinwardtii** var. **reinwardtii** forma **zebrina**
- reticulata* (Haw.) Haw. var. *acuminata* Poelln. = **H. reticulata** var. **reticulata**
- reticulata** (Haw.) Haw. var. **attenuata** M.B.Bayer

- Perennial. Succulent. Ht 25–32 mm, ± 120 mm when in flower. Alt 1000–1500 m. WC
- reticulata** (Haw.) Haw. var. **hurlingii** (Poelln.) M.B.Bayer
H. hurlingii Poelln. (5)
Perennial. Succulent. Ht ± 20 mm, ± 300 mm when in flower. Alt ± 500 m. WC
- reticulata** (Haw.) Haw. var. **reticulata**
Aloe herbacea DC. (10)
Aloe pumilio Jacq. (7)
Aloe reticulata Haw. (5)
H. guttata Uitewaal (8)
H. hurlingii Poelln. var. *ambigua* Poelln. (4)
H. reticulata (Haw.) Haw. var. *acuminata* Poelln. (5)
Perennial. Succulent. Ht ± 330 mm when in flower. Alt 300–600 m. WC
- reticulata** (Haw.) Haw. var. **subregularis** (Baker) Pilbeam
H. haageana Poelln. (8)
H. haageana Poelln. var. *subreticulata* Poelln. (7)
H. subregularis Baker (8)
Perennial. Succulent. Ht ± 40 mm, 300–400 mm when in flower. Alt 1000–1500 m. WC
- retusa** (L.) Duval forma *acuminata* M.B.Bayer = **H. magnifica** var. **acuminata**
- retusa** (L.) Duval var. *densiflora* G.G.Sm. = **H. retusa** var. **retusa**
- retusa** (L.) Duval var. *multilineata* G.G.Sm. = **H. retusa** var. **retusa**
- retusa** (L.) Duval var. **quimutica** M.Hayashi
Perennial. Succulent. Ht? Alt 200–500 m. WC
- retusa** (L.) Duval var. **retusa**
Aloe retusa L. (4)
H. fouchei Poelln. (4)
H. retusa (L.) Duval var. *densiflora* G.G.Sm. (5)
H. retusa (L.) Duval var. *multilineata* G.G.Sm. (5)
H. retusa (L.) Duval var. *solitaria* G.G.Sm. (5)
Perennial. Succulent. Ht 60–80 mm, ± 300 mm when in flower. Alt 200–600 m. WC
- retusa** (L.) Duval var. *solitaria* G.G.Sm. = **H. retusa** var. **retusa**
- rossouwii** Poelln. = **H. mirabilis** var. **triebneriana**
- rubriflora** (L.Bolus) Parr = **Astroloba rubriflora**
- rubriflora** (L.Bolus) Parr var. *jacobseniana* (Poelln.) Parr, invalid combination = **Astroloba rubriflora**
- rycroftiana** M.B.Bayer = **H. integra** var. **integra**
- ryneveldii** Poelln. = **H. nigra** var. **nigra**
- saundersiae** Baker, naked name = **Chortolirion angolense**
- scabra** Haw. var. **johanii** M.Hayashi
Perennial. Succulent. Ht? Alt ± 1000 m. WC
- scabra** Haw. var. **lateganiae** (Poelln.) M.B.Bayer
H. lateganiae Poelln. (8)
Perennial. Succulent. Ht 90–100 mm, ± 550 mm when in flower. Alt 1000–1500 m. WC
- scabra** Haw. var. **morrisiae** (Poelln.) M.B.Bayer
H. morrisiae Poelln. (4)
Perennial. Succulent. Ht 30–35 mm. Alt 1000–1500 m. WC
- scabra** Haw. var. **scabra**
Aloe scabra (Haw.) Schult. & Schult.f. (11)
H. tuberculata Poelln. (4)
H. tuberculata Poelln. var. *acuminata* Poelln. (4)
H. tuberculata Poelln. var. *angustata* Poelln. (4)
H. tuberculata Poelln. var. *subexpansa* Poelln. (4)
H. tuberculata Poelln. var. *sublaevis* Poelln. (4)
- Perennial. Succulent. Ht ± 70 mm, ± 580 mm when in flower. Alt 800–1000 m. WC, EC
- scabra** Haw. var. **starkiana** (Poelln.) Bayer
H. smitii Poelln. (8)
H. starkiana Poelln. (8)
Perennial. Succulent. Ht ± 80 mm ± 370 mm when in flower. Alt 1000–1500 m. WC
- schmidtiana** Poelln. = **H. nigra** var. **nigra**
- schmidtiana** Poelln. var. *angustata* Poelln. = **H. nigra** var. **nigra**
- schmidtiana** Poelln. var. *diversifolia* Poelln. forma *nana* Poelln. = **H. nigra** var. **diversifolia**
- schmidtiana** Poelln. var. *elongata* Poelln. = **H. nigra** var. **nigra**
- schmidtiana** Poelln. var. *pusilla* Poelln. = **H. nigra** var. **nigra**
- schmidtiana** Poelln. var. *suberecta* Poelln. = **H. nigra** var. **nigra**
- schuldtiana** Poelln. = **H. maraisii** var. **maraisii**
- schuldtiana** Poelln. var. *erecta* Triebner & Poelln. = **H. maraisii** var. **notabilis**
- schuldtiana** Poelln. var. *maculata* Poelln. = **H. maculata** var. **maculata**
- schuldtiana** Poelln. var. *major* G.G.Sm. = **H. emelyae** var. **major**
- schuldtiana** Poelln. var. *minor* Triebner & Poelln. = **H. maraisii** var. **maraisii**
- schuldtiana** Poelln. var. *robertsonensis* Poelln. = **H. maraisii** var. **maraisii**
- schuldtiana** Poelln. var. *simplicior* Poelln. = **H. maraisii** var. **maraisii**
- schuldtiana** Poelln. var. *sublaevis* Poelln. = **H. maraisii** var. **maraisii**
- schuldtiana** Poelln. var. *subtuberculata* Poelln. = **H. maraisii** var. **maraisii**
- schuldtiana** Poelln. var. *unilineata* Poelln. = **H. maraisii** var. **maraisii**
- semiglabrata** Haw., new synonym = **H. maxima**
- semiviva** (Poelln.) M.B.Bayer
H. bolusi Baker var. *semiviva* Poelln. (4)
Perennial. Succulent. Ht ± 35 mm, ± 400 mm when in flower. Alt ?–900 m. NC, WC
- serrata** M.B.Bayer
Perennial. Succulent. Ht ± 60 mm, ± 540 mm when in flower. Alt ?–90 m. WC
- setata** Haw. = **H. arachnoidea** var. **setata**
- setata** Haw. var. *major* Haw. = **H. arachnoidea** var. **setata**
- setata** Haw. var. *media* Haw. = **H. arachnoidea** var. **setata**
- setata** Haw. var. *nigricans* Haw. = **H. arachnoidea** var. **nigricans**
- setata** Haw. var. *subinermis* Poelln. = **H. aristata**
- shieldsiana** Parr, invalid name = **Astroloba congesta**
- smitii** Poelln. = **H. scabra** var. **starkiana**
- sordida** Haw. var. **lavranii** C.L.Scott
Perennial. Succulent. Ht ± 460 mm when in flower. Alt 1000–1500 m. EC
- sordida** Haw. var. **sordida**
Aloe sordida (Haw.) Schult. & Schult.f. (11)

- H. agavoides* Zantner & Poelln. (4)
Perennial. Succulent. Ht ± 150 mm, ± 413 mm when in flower. Alt 500–1500 m. EC
- spiralis* (L.) Duval = **Astroloba spiralis**
- spirella* Haw. = **Astroloba spiralis**
- springbokvlakensis** C.L.Scott
Perennial. Succulent. Ht up to 330 mm when in flower. Alt 500–1000 m. EC
- starkiana* Poelln. = **H. scabra** var. **starkiana**
- stayneri* Poelln. = **H. cooperi** var. **pilifera**
- stayneri* Poelln. var. *salina* Poelln. = **H. cooperi** var. **pilifera**
- stenophylla* Baker = **Chortolirion angolense**
- subfasciata* (Salm-Dyck) Baker = **H. fasciata**
- sublimpidula* Poelln. = **H. maraisii** var. **maraisii**
- submaculata* Poelln. = **H. herbacea** var. **herbacea**
- subregularis* Baker = **H. reticulata** var. **subregularis**
- subspicata* Baker = **Chortolirion angolense**
- tenera* Poelln. = **H. gracilis** var. **tenera**
- tenuifolia* Engl. = **Chortolirion angolense**
- tessellata* Haw. = **H. venosa** subsp. **tessellata**
- tessellata* Haw. var. *coriacea* Resende & Poelln. = **H. venosa** subsp. **tessellata**
- tessellata* Haw. var. *coriacea* forma *brevior* Resende & Poelln. = **H. venosa** subsp. **tessellata**
- tessellata* Haw. var. *coriacea* forma *longior* Resende & Poelln. = **H. venosa** subsp. **tessellata**
- tessellata* Haw. var. *elongata* Woerden = **H. venosa** subsp. **tessellata**
- tessellata* Haw. var. *inflexa* Baker = **H. venosa** subsp. **tessellata**
- tessellata* Haw. var. *luisieri* Resende & Poelln. = **H. venosa** subsp. **tessellata**
- tessellata* Haw. var. *obesa* Resende & Poelln. = **H. venosa** subsp. **tessellata**
- tessellata* Haw. var. *palhinhae* Resende & Poelln. = **H. venosa** subsp. **tessellata**
- tessellata* Haw. var. *parva* forma *major* J.R.Br. = **H. venosa** subsp. **tessellata**
- tessellata* Haw. var. *simplex* Resende & Poelln. = **H. venosa** subsp. **tessellata**
- tessellata* Haw. var. *stephaniana* Resende & Poelln. = **H. venosa** subsp. **tessellata**
- tessellata* Haw. var. *tuberculata* Poelln. = **H. venosa** subsp. **tessellata**
- tessellata* Haw. var. *velutina* Resende & Poelln. = **H. venosa** subsp. **tessellata**
- torquata* Haw. = **H. viscosa**
- translucens* Haw. = **H. herbacea** var. **herbacea**
- triebneriana* Poelln. = **H. mirabilis** var. **triebneriana**
- triebneriana* Poelln. var. *depauperata* Poelln. = **H. mirabilis** var. **triebneriana**
- triebneriana* Poelln. var. *diversicolor* Triebner & Poelln. = **H. maraisii** var. **maraisii**
- triebneriana* Poelln. var. *multituberculata* Poelln. = **H. mirabilis** var. **triebneriana**
- triebneriana* Poelln. var. *napiensis* Triebner & Poelln. = **H. mirabilis** var. **triebneriana**
- triebneriana* Poelln. var. *pulchra* Poelln. = **H. mirabilis** var. **triebneriana**
- triebneriana* Poelln. var. *rubrodentata* Triebner & Poelln. = **H. mirabilis** var. **triebneriana**
- triebneriana* Poelln. var. *sublineata* Poelln. = **H. mirabilis** var. **sublineata**
- triebneriana* Poelln. var. *subtuberculata* Poelln. = **H. mirabilis** var. **triebneriana**
- triebneriana* Poelln. var. *turgida* Triebner = **H. mirabilis** var. **triebneriana**
- truncata* Schönland forma *crassa* Poelln. = **H. truncata** var. **truncata**
- truncata* Schönland forma *tenuis* Poelln. = **H. truncata** var. **truncata**
- truncata* Schönland var. **maughanii** (Poelln.) B.Fearn
H. maughanii Poelln. (8)
Perennial. Succulent. Ht 10–20 mm, ± 210 mm when in flower. Alt ± 400 m. WC
- truncata* Schönland var. **truncata**
H. truncata Schönland forma *crassa* Poelln. (5)
H. truncata Schönland forma *tenuis* Poelln. (5)
Perennial. Succulent. Ht 10–20 mm, ± 230 mm when in flower. Alt 500–1500 m. WC
- tuberculata* Poelln. = **H. scabra** var. **scabra**
- tuberculata* Poelln. var. *acumianta* Poelln. = **H. scabra** var. **scabra**
- tuberculata* Poelln. var. *angustata* Poelln. = **H. scabra** var. **scabra**
- tuberculata* Poelln. var. *subexpansa* Poelln. = **H. scabra** var. **scabra**
- tuberculata* Poelln. var. *sublaevis* Poelln. = **H. scabra** var. **scabra**
- turgida** Haw. var. **longibracteata** (G.G.Sm.) M.B.Bayer
H. longibracteata G.G.Sm. (8)
Perennial. Succulent. Ht ± 55 mm, 240–310 mm when in flower. Alt 0–500 m. WC
- turgida* Haw. var. *pallidifolia* G.G.Sm. = **H. turgida** var. **suberecta**
- turgida** Haw. var. **suberecta** Poelln.
H. turgida Haw. var. *pallidifolia* G.G.Sm. (8)
H. turgida Haw. var. *subtuberculata* Poelln. (8)
Perennial. Succulent. Ht ± 27 mm, ± 250 mm when in flower. Alt 0–500 m. WC
- turgida* Haw. var. *subtuberculata* Poelln. = **H. turgida** var. **suberecta**
- turgida** Haw. var. **turgida**
Aloe laetevirens (Haw.) Link (11)
Aloe turgida (Haw.) Schult. & Schult.f. (11)
H. caespitosa Poelln. (4)
H. caespitosa Poelln. forma *subplana* Poelln. (4)
H. caespitosa Poelln. forma *subproliferans* Poelln. (4)
H. laetevirens Haw. (4)
Perennial. Succulent. Ht ± 28 mm, 250–400 mm when in flower. Alt 500–1500 m. WC
- ubomboensis* I.Verd. = **H. limifolia** var. **ubomboensis**
- umbraticola* Poelln. = **H. cymbiformis** var. **obtusa**
- unicolor* Poelln. = **H. mucronata** var. **mucronata**
- variegata* L.Bolus var. **hemicypta** M.B.Bayer

- Perennial. Succulent. Ht? Alt ± 500 m. WC
- variegata** L.Bolus var. **modesta** M.B.Bayer
Perennial. Succulent. Ht? Alt 0–500 m. WC
- variegata** L.Bolus var. **petrophila** M.B.Bayer
Perennial. Succulent. Ht? Alt ± 500 m. WC
- variegata** L.Bolus var. **variegata**
Perennial. Succulent. Ht ± 55 mm, ± 435 mm when in flower. Alt 0–500 m. WC
- venosa** (Lam.) Haw. subsp. **granulata** (Marloth) M.B.Bayer
H. granulata Marloth (4)
Perennial. Succulent. Ht ± 90 mm, ± 280 mm when in flower. Alt 500–1500 m. NC, WC
- venosa** (Lam.) Haw. subsp. **tessellata** (Haw.) M.B.Bayer
Aloe parva (Haw.) Schult. & Schult.f. (11)
Aloe tessellata (Haw.) Schult. & Schult.f. (11)
H. engleri Dinter (5)
H. minutissima Poelln. (5)
H. parva Haw. (5)
H. pseudotessellata Poelln. (5)
H. tessellata Haw. (5)
H. tessellata Haw. var. *coriacea* Resende & Poelln. (5)
H. tessellata Haw. var. *coriacea* forma *brevior* Resende & Poelln. (5)
H. tessellata Haw. var. *coriacea* forma *longior* Resende & Poelln. (5)
H. tessellata Haw. var. *elongata* Woerden (5)
H. tessellata Haw. var. *inflexa* Baker (5)
H. tessellata Haw. var. *luisieri* Resende & Poelln. (5)
H. tessellata Haw. var. *obesa* Resende & Poelln. (5)
H. tessellata Haw. var. *palhinhae* Resende & Poelln. (5)
H. tessellata Haw. var. *parva* forma *major* J.R.Br. (5)
H. tessellata Haw. var. *simplex* Resende & Poelln. (5)
H. tessellata Haw. var. *stephaniana* Resende & Poelln. (5)
H. tessellata Haw. var. *tuberculata* Poelln. (5)
H. tessellata Haw. var. *velutina* Resende & Poelln. (5)
Perennial. Succulent. Ht ± 90 mm, ± 500 mm when in flower. Alt ± 1500 m. N, NW, FS, NC, WC, EC
- venosa** (Lam.) Haw. subsp. **venosa**
Aloe recurva Haw. (5)
Aloe tricolor Haw. (8)
Aloe venosa Lam. (4)
H. distincta N.E.Br. (5)
H. venosa (Lam.) Haw. var. *oertendahlia* H.Hjelmquist (5)
Perennial. Succulent. Ht ± 80 mm, ± 600 mm when in flower. Alt ± 140 m. WC
- venosa** (Lam.) Haw. subsp. **woolleyi** (Poelln.) Halda
H. woolleyi Poelln. (8)
Perennial. Succulent. Ht ± 70 mm, 280–400 mm when in flower. Alt ± 800 m. WC
- venosa** (Lam.) Haw. var. *oertendahlia* H.Hjelmquist = **H. venosa** subsp. **venosa**
- venteri** Poelln. = **H. arachnoidea** var. **nigricans**
- venusta** C.L.Scott = **H. cooperi** var. **venusta**
- virescens** Haw. = **H. marginata**
- virescens** Haw. var. *minor* Haw. = **H. marginata**
- viscosa** (L.) Haw.
Aloe asperiuscula (Haw.) Schult. & Schult.f. (10)
Aloe concinna (Haw.) Schult. & Schult.f. (10)
Aloe cordifolia (Haw.) Schult. & Schult.f. (10)
Aloe indurata Schult. & Schult.f. (10)
Aloe pseudotortuosa Salm-Dyck (4)
Aloe subtortuosa Schult. & Schult.f. (7)
Aloe torquata (Haw.) Salm-Dyck (11)
Aloe tortuosa Haw. (4)
Aloe triangularis Medik. (7)
Aloe viscosa L. (4)
H. asperiuscula Haw. (4)
H. asperiuscula Haw. var. *patagiata* G.G.Sm. (4)
H. asperiuscula Haw. var. *subintegra* G.G.Sm. (4)
H. beanii G.G.Sm. (4)

- H. beanii* G.G.Sm. var. *minor* G.G.Sm. (5)
H. concinna Haw. (4)
H. cordifolia Haw. (4)
H. indurata Haw. (4)
H. torquata Haw. (4)
H. viscosa (L.) Haw. subsp. *dereki-clarki* J.J.Halda (8)
H. viscosa (L.) Haw. var. *caespitosa* Poelln. (4)
H. viscosa (L.) Haw. var. *cougaensis* G.G.Sm. (4)
H. viscosa (L.) Haw. var. *major* Haw. (4)
H. viscosa (L.) Haw. var. *minor* Haw. (4)
H. viscosa (L.) Haw. var. *parvifolia* Haw. (4)
H. viscosa (L.) Haw. var. *quaggaensis* G.G.Sm. (5)
H. viscosa (L.) Haw. var. *subobtusa* Poelln. (4)
H. viscosa (L.) Haw. var. *viridissima* G.G.Sm. (4)
Perennial. Succulent. Ht 70–200 mm, ± 500 mm when in flower. Alt ± 685 m. WC, EC
- viscosa* (L.) Haw. subsp. *dereki-clarki* J.J.Halda = **H. viscosa**
- viscosa* (L.) Haw. var. *caespitosa* Poelln. = **H. viscosa**
- viscosa* (L.) Haw. var. *cougaensis* G.G.Sm. = **H. viscosa**
- viscosa* (L.) Haw. var. *major* Haw. = **H. viscosa**
- viscosa* (L.) Haw. var. *minor* Haw. = **H. viscosa**
- viscosa* (L.) Haw. var. *parvifolia* Haw. = **H. viscosa**
- viscosa* (L.) Haw. var. *quaggaensis* G.G.Sm. = **H. viscosa**
- viscosa* (L.) Haw. var. *subobtusa* Poelln. = **H. viscosa**
- viscosa* (L.) Haw. var. *viridissima* G.G.Sm. = **H. viscosa**
- vittata* Baker = **H. cooperi** var. **cooperi**
- vlokii** M.B.Bayer
Perennial. Succulent. Ht ± 30 mm, 300–400 mm when in flower. Alt ± 1500 m. WC
- whitesloaneana* Poelln. = **H. maraisii** var. **maraisii**
- willowmorensis* Poelln. = **H. mirabilis** var. **triebneriana**
- wittebergensis** W.F.Barker
Perennial. Succulent. Ht ± 70 mm, ± 410 mm when in flower. Alt 1000–1500 m. WC
- woolleyi* Poelln. = **H. venosa** subsp. **woolleyi**
- xiphophylla* Baker = **H. arachnoidea** var. **xiphophylla**
- zantneriana** Poelln. var. **minor** M.B.Bayer
Perennial. Succulent. Ht ± 50 mm. Alt 500–1000 m. EC
- zantneriana** Poelln. var. **zantneriana**
Perennial. Succulent. Ht 50–70 mm, ± 370 mm when in flower. Alt 1000–1500 m. EC
- zenigata** M.Hayashi
Perennial. Succulent. Ht ± 180 mm. Alt 500–1000 m. WC

KNIPHOFIA Moench

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Compiled by C. Archer

- (1) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 47.
- (2) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 340.
- (3) Phillips. 1940. *The Flowering Plants of South Africa* 20: tt. 783, 784.
- (4) Dyer. 1942. *The Flowering Plants of South Africa* 22: t. 866.
- (5) Merrill. 1950. *Journal of the Arnold Arboretum* 31: 264–287 (cf. p. 280).
- (6) Bruce. 1955. *The Flowering Plants of Africa* 30: tt. 1183–1186.
- (7) Codd. 1959. *The Flowering Plants of Africa* 33: tt. 1289–1292.
- (8) Codd. 1961. *The Flowering Plants of Africa* 34: tt. 1325–1328.
- (9) Codd. 1964. *The Flowering Plants of Africa* 36: tt. 1421–1424.
- (10) Codd. 1965. *The Flowering Plants of Africa* 37: tt. 1445–1448.
- (11) Codd. 1968. *Bothalia* 9: 363–513.
- (12) Cufodontis. 1971. *Annalen des Naturhistorischen Museums in Wien* 75: 39–41.
- (13) Codd. 1973. *The Flowering Plants of Africa* 42: t. 1661.
- (14) Codd. 1986. *Bothalia* 16: 231, 232.
- (15) Baijnath. 1987. *South African Journal of Botany* 53: 307–310.
- (16) Codd. 1987. *Bothalia* 17: 185.
- (17) Codd. 1989. *The Flowering Plants of Africa* 50: t. 1995.
- (18) Baijnath. 1992. *South African Journal of Botany* 58: 482–485.
- (19) Glen & Hardy. 2000. *FSA* 5,1,1 (First part): 151.

- acraea** Codd
Perennial. Herb. Ht 0.56–0.72 m. Alt ?–2000 m. EC
- albescens** Codd
Perennial. Herb. Ht 0.46–0.85 m. Alt ?–1950 m. M, KZN
- albomontana** Baijnath
Perennial. Herb. Ht 0.48–1.2 m. Alt ?–2715 m. FS, KZN, L, EC
- aloöides* Moench = **K. uvaria**
- angustifolia** (Baker) Codd
K. natalensis Baker var. *angustifolia* Baker (14)
K. rufa in sense of Codd, not of Baker (14)
Perennial. Herb. Ht 0.51–0.65 m. Alt ?–2450 m. KZN
- bachmannii* Baker = **K. uvaria**
- baurii** Baker
Perennial. Herb. Ht 0.7–1.37 m. Alt 300–2100 m. KZN, EC
- brachystachya** (Zahlbr.) Codd
Notosceptum brachystachyum Zahlbr. (11)
Perennial. Herb. Ht 0.33–0.76 m. Alt 1220–2400 m. KZN, L, EC
- breviflora** Baker
K. breviflora Baker var. *concinna* (Baker) A.Berger (11)
K. concinna Baker (11)
K. schlechteri Schinz (11)
Perennial. Herb. Ht 0.45–0.88 m. Alt 1465–2135 m. FS, KZN
- breviflora* Baker var. *concinna* (Baker) A.Berger = **K. breviflora**
- bruceae** (Codd) Codd
K. praecox Baker subsp. *bruceae* Codd (16)
Perennial. Herb. Ht 1.2–2.3 m. Alt ?–1280 m. WC, EC
- buchananii** Baker
Perennial. Herb. Ht 0.3–0.74 m. Alt 610–1280 m. KZN
- caulescens** Baker
Tritoma caulescens (Baker) Carrière (11)
Perennial. Herb. Ht 0.39–0.9 m. Alt 1800–3000 m. FS, KZN, L, EC
- citrina** Baker
Perennial. Herb. Ht 0.3–0.76 m. Alt 45–1340 m. EC
- coddiana** Cufod.
K. elegans Codd (12)
Perennial. Herb. Ht 0.5–0.65 m. Alt 60–500 m. KZN, EC
- concinna* Baker = **K. breviflora**
- conrathii* Baker = **K. porphyrantha**
- coralligemma** E.A.Bruce
Perennial. Herb. Ht 0.53–1.92 m. Alt 1220–1950 m. LIM
- crassifolia** Baker
Perennial. Herb. Ht up to 0.35 m. Alt ?–1800 m. LIM
- decaphebia* Baker = **K. laxiflora**
- drepanophylla** Baker
Perennial. Herb. Ht 0.4–0.6 m. Alt 75–1065 m. KZN, EC
- elegans* Codd = **K. coddiana**
- ensifolia** Baker subsp. **autumnalis** Codd
Perennial. Herb. Ht 0.7–2 m. Alt 1700–2135 m. FS
- ensifolia** Baker subsp. **ensifolia**
K. ensifolia Baker var. *albiflora* E.A.Bruce (11)
K. rivularis A.Berger (11)
Perennial. Herb. Ht 0.7–2 m. Alt 1220–1830 m. LIM, NW, G, M, FS, NC, EC
- ensifolia* Baker var. *albiflora* E.A.Bruce = **K. ensifolia** subsp. **ensifolia**
- evansii** Baker
Perennial. Herb. Ht 0.25–0.6 m. Alt 1675–1920 m. KZN
- fibrosa** Baker
Perennial. Herb. Ht 0.3–0.67 m. Alt 915–2045 m. KZN, EC
- flammula** Codd
Perennial. Herb. Ht 0.53–0.92 m. Alt 1340–1370 m. KZN
- fluviatilis** Codd
Perennial. Herb. Ht 0.45–1.06 m. Alt 825–2225 m. M, FS, KZN, EC
- galpinii** Baker
Perennial. Herb. Ht 0.35–0.7 m. Alt 765–2180 m. M, S, KZN
- gracilis** Baker
K. modesta in sense of Baker (1893) in part, not in sense of Baker (1889) (11)
K. modesta in sense of Baker (1893) var. *lutescens* A.Berger (11)
K. modesta in sense of Baker (1893) var. *woodii* (W.Watson) A.Berger (11)
K. sparsa N.E.Br. (11)
K. woodii W.Watson (11)
K. wyliei N.E.Br. (11)
Perennial. Herb. Ht 0.6–1.21 m. Alt 30–1585 m. KZN, EC
- hirsuta** Codd
Perennial. Herb. Ht 0.53–0.72 m. Alt ?–2622 m. L, EC
- ichopensis** Schinz var. **aciformis** Codd
Perennial. Herb. Ht 0.6–1.2 m. Alt ?–1600 m. KZN
- ichopensis** Schinz var. **ichopensis**
K. schlechteri Baker (11)
Perennial. Herb. Ht 0.6–1.2 m. Alt ?–2060 m. KZN
- krookii* Zahlbr. = **K. parviflora**
- latifolia** Codd
Perennial. Herb. Ht 0.47–1.1 m. Alt ?–765 m. KZN
- laxiflora** Kunth
K. decaphebia Baker (11)
K. natalensis Baker (11)
Perennial. Herb. Ht 0.5–1.35 m. Alt 45–2438 m. M, KZN, EC
- leucocephala** Baijnath
Perennial. Herb. Ht 0.49–0.65 m. Alt ?–50 m. KZN
- linearifolia** Baker
K. linearifolia Baker var. *kuntzei* A.Berger (11)
K. linearifolia Baker var. *montana* A.Berger (11)
K. longiflora Baker (11)
Perennial. Herb. Ht 0.01–2 m. Alt 5–2400 m. M, S, FS, KZN, L, NC, WC, EC
- linearifolia* Baker var. *kuntzei* A.Berger = **K. linearifolia**
- linearifolia* Baker var. *montana* A.Berger = **K. linearifolia**
- littoralis** Codd
Perennial. Herb. Ht 0.25–0.74 m. Alt 3–600 m. KZN
- longicollis* Baker = **K. rooperi**
- longiflora* Baker = **K. linearifolia**
- macowanii* Baker = **K. triangularis** subsp. **triangularis**
- modesta* Baker = **K. parviflora**
- modesta* in sense of Baker (1893) in part, not in sense of Baker (1889) = **K. gracilis**
- modesta* in sense of Baker (1893) var. *lutescens* A.Berger = **K. gracilis**

- modesta* in sense of Baker (1893) var. *woodii* (W.Watson) A.Berger = **K. gracilis**
- multiflora** J.M.Wood & M.S.Evans
Perennial. Herb. Ht 0.91–2.43 m. Alt 765–2000 m. LIM, M, S, FS, KZN
- natalensis* Baker = **K. laxiflora**
- natalensis* Baker var. *angustifolia* Baker = **K. angustifolia**
- nelsonii* Masters = **K. triangularis** subsp. **triangularis**
- northiae** Baker
Perennial. Herb. Ht 1.37–1.67 m. Alt 915–2990 m. KZN, L, EC
- obtusiloba* A.Berger = **K. triangularis** subsp. **obtusiloba**
- parviflora** Kunth
K. krookii Zahlbr. (11)
K. modesta Baker (11)
Perennial. Herb. Ht 0.45–1.21 m. Alt 30–2530 m. KZN, EC
- pauciflora** Baker
K. pedicellata Baker (11)
Perennial. Herb. Ht 0.33–0.6 m. Alt 15–30 m. KZN
- pedicellata* Baker = **K. pauciflora**
- porphyrantha** Baker
K. conrathii Baker (11)
Perennial. Herb. Ht 0.07–1.82 m. Alt 762–2800 m. NW, G, M, S, FS, KZN, L, EC
- praecox** Baker (insufficiently known; probably a garden hybrid) (16)
K. praecox Baker var. *nobilis* Baker (11)
K. uvaria (L.) Oken var. *nobilis* (Baker) A.Berger (11)
K. uvaria (L.) Oken var. *praecox* (Baker) A.Berger (11)
Perennial. Herb. Ht 1.37–1.98 m. Alt? Distr.?
- praecox* Baker subsp. *bruceae* Codd = **K. bruceae**
- praecox* Baker var. *nobilis* Baker = **K. praecox**
- rigidifolia** E.A.Bruce
Perennial. Herb. Ht 0.67–0.91 m. Alt ?–1995 m. M
- ritualis** Codd
Perennial. Herb. Ht 0.2–1.8 m. Alt ?–3100 m. FS, KZN, L
- rivularis* A.Berger = **K. ensifolia** subsp. **ensifolia**
- rooperi** (T.Moore) Lem.
K. longicollis Baker (11)
Tritoma rooperi T.Moore (11)
Perennial. Herb. Ht 0.02–1.37 m. Alt 15–700 m. KZN, EC
- rufa** Baker (insufficiently known, possibly of hybrid origin) (14)
- rufa* in sense of Codd, not of Baker = **K. angustifolia**
- sarmentosa** (Andrews) Kunth
Aletris sarmentosa Andrews (11)
Tritoma media (Donn) Ker Gawl., illegitimate name (11)
Tritomanthe media (Donn) Link, illegitimate name (11)
Veltheimia media Donn, illegitimate name (11)
Veltheimia repens Ker Gawl., illegitimate name (11)
Veltheimia sarmentosa (Andrews) Willd. (11)
Perennial. Herb. Ht up to 1.21 m. Alt 625–1370 m. NC, WC
- schlechteri* Baker = **K. ichopensis** var. **ichopensis**
- schlechteri* Schinz = **K. breviflora**
- sparsa* N.E.Br. = **K. gracilis**
- splendida** E.A.Bruce
Perennial. Herb. Ht 0.9–1.82 m. Alt 945–1705 m. LIM, M, S
- stricta** Codd
Perennial. Herb. Ht 0.25–0.91 m. Alt 1370–2285 m. L, EC
- tabularis** Marloth
Perennial. Herb. Ht 0.91–1.21 m. Alt 700–1700 m. WC
- thodei** Baker
Perennial. Herb. Ht 0.3–0.5 m. Alt 1525–2800 m. KZN, L
- triangularis** Kunth subsp. **obtusiloba** (A.Berger) Codd
K. obtusiloba A.Berger (11)
Perennial. Herb. Ht 0.23–0.5 m. Alt 1220–2135 m. M, KZN
- triangularis** Kunth subsp. **triangularis**
K. macowanii Baker (11)
K. nelsonii Masters (11)
Tritoma macowanii (Baker) Carrière (11)
Perennial. Herb. Ht 0.3–1 m. Alt 910–2895 m. FS, KZN, L, EC
- typhoides** Codd
Notosceptrum natalense Baker (11)
Perennial. Herb. Ht 0.65–1.1 m. Alt 1250–1675 m. NW, G, M, FS, KZN
- tysonii** Baker subsp. **lebomboensis** Codd
Perennial. Herb. Ht 1–2.05 m. Alt 305–1370 m. S, KZN
- tysonii** Baker subsp. **tysonii**
Perennial. Herb. Ht 0.6–2.05 m. Alt 30–1585 m. KZN, EC
- umbrina** Codd
Perennial. Herb. Ht 0.77–1.05 m. Alt 1370–1405 m. S
- uvaria** (L.) Oken
Aletris uvaria (L.) L. (11)
Aloe longifolia Lam. (11)
Aloe rigida Salisb. (19)
Aloe uvaria L. (11)
K. alooides Moench (11)
K. bachmannii Baker (11)
Triclissa uvaria (L.) Salisb. (11)
Tritoma burchellii Lindl. (11)
Tritoma uvaria (L.) Ker Gawl. (11)
Tritomanthe burchellii (Lindl.) Steud. (11)
Tritomanthe uvaria (L.) Link (11)
Tritonium uvaria (L.) Link (11)
Veltheimia uvaria (L.) Willd. (11)
Perennial. Herb. Ht up to 1.2 m. Alt 15–2285 m. WC
- uvaria* (L.) Oken. var. *nobilis* (Baker) A.Berger = **K. praecox**
- uvaria* (L.) Oken var. *praecox* (Baker) A.Berger = **K. praecox**
- woodii* W.Watson = **K. gracilis**
- wyliei* N.E.Br. = **K. gracilis**

KUMARA Medik. 1026060

disticha Medik. = **Aloe plicatilis**

LEPTALOE Stapf 1026010

albida Stapf = **Aloe albida**

blyderivierensis Groenew. = **Aloe minima**

johnstonii Christian = **Aloe myriacantha**

minima (Baker) Stapf = **Aloe minima**

myriacantha (Haw.) Stapf = **Aloe myriacantha**

parviflora (Baker) Stapf = **Aloe minima**

saundersiae Reynolds = **Aloe saundersiae**

NOTOSCEPTRUM Benth. 1025000

aloooides (Bolus) Benth. = **Aloe alooides**

brachystachyum Zahlbr. = **Kniphofia brachystachya**

natalense Baker = **Kniphofia typhoides**

PACHIDENDRON Haw. 1026030

africanum (Mill.) Haw. = **Aloe africana**

africanum (Mill.) Haw. var. *angustum* Haw. = **Aloe africana**
africanum (Mill.) Haw. var. *latum* Haw. = **Aloe africana**
angustifolium (Haw.) Haw. = **Aloe africana**
ferox (Mill.) Haw. = **Aloe ferox**
pseudo-ferox (Salm-Dyck) Haw. = **Aloe ferox**
supralaeve (Haw.) Haw. = **Aloe ferox**

POELLNITZIA Uitewaal 1028020

rubriflora (L.Bolus) Uitewaal = **Astroloba rubriflora**
rubriflora (L.Bolus) Uitewaal var. *jacobseniana* (Poelln.)
 Uitewaal = **Astroloba rubriflora**

RHIPIDODENDRON Willd. 1026040

dichotomum (Masson) Willd. = **Aloe dichotoma** var. **dichotoma**

distichum (Medik.) Willd. = **Aloe plicatilis**

plicatile (L.) Haw. = **Aloe plicatilis**

TRACHYANDRA Kunth 0985010

Compiled by J.C. Manning

- (1) Leighton. 1938. *The Flowering Plants of South Africa* 18: t. 687.
- (2) Obermeyer. 1962. *Bothalia* 7: 669–778.
- (3) Obermeyer. 1967. *Bothalia* 9: 344, 345.
- (4) Roessler. 1973. *Mitteilungen der Botanischen Staatssammlung München* 11: 88–90.
- (5) Manning. 1990. *South African Journal of Botany* 56: 1–5.
- (6) Perry. 1990. *South African Journal of Botany* 56: 257–260.
- (7) Perry. 1999. *Strelitzia* 8: 74.

acocksii Oberm.

Perennial. Dwarf shrub. Ht 0.3–0.45 m. Alt ?–1585 m. NC, WC

adamsonii (Compton) Oberm.

Perennial. Shrub. Ht up to 1.8 m. Alt? N, NC, WC

affinis Kunth

Perennial. Geophyte. Ht 0.02–2.5 m. Alt 5–1670 m. KZN, WC, EC

aridimontana J.C.Manning

Perennial. Dwarf shrub. Ht up to 0.45 m. Alt ?–900 m. NC

arvensis (Schinz) Oberm.

Perennial. Geophyte. Ht 0.05–0.7 m. Alt ?–950 m. N, B

asperata Kunth var. **asperata**

Perennial. Geophyte. Ht 0.15–0.25 m. Alt 5–2600 m. M, FS, KZN, L, EC

asperata Kunth var. **basutoensis** (Poelln.) Oberm.

Perennial. Geophyte. Ht 0.26–0.6 m. Alt ?–2500 m. G, FS, L, EC

asperata Kunth var. **carolinensis** Oberm.

Perennial. Geophyte. Ht up to 0.25 m. Alt ?–1705 m. M

asperata Kunth var. **macowanii** (Baker) Oberm.

Perennial. Geophyte. Ht 0.2–0.45 m. Alt 60–2475 m. G, FS, L, EC

asperata Kunth var. **nataglencoensis** (Kuntze) Oberm.

Perennial. Geophyte. Ht 0.3–1.21 m. Alt 15–2045 m. G, M, S, FS, KZN, L

asperata Kunth var. **stenophylla** (Baker) Oberm.

Perennial. Geophyte. Ht 0.45–0.83 m. Alt 5–1700 m. KZN, EC

asperata Kunth var. **swaziensis** Oberm.

Perennial. Geophyte. Ht up to 0.25 m. Alt ?–2195 m. M, S

brachypoda (Baker) Oberm.

Perennial. Geophyte. Ht up to 0.7 m. Alt 15–120 m. WC
brehmeana (Roem. & Schult.) Kunth = **Chlorophytum triflorum**

bulbinifolia (Dinter) Oberm.

Perennial. Geophyte. Ht 0.15–2.5 m. Alt 40–1350 m. N, NC

burkei (Baker) Oberm.

Anthericum burkei Baker (2)

Bulbinella burkei (Baker) Benth. & Hook.f. (2)

Perennial. Geophyte. Ht 0.3–0.45 m. Alt ?–1280 m. B, NW, FS, NC

capillata (Poelln.) Oberm.

Perennial. Geophyte. Ht up to 1.5 m. Alt 50–825 m. KZN

chlamydoxylla (Baker) Oberm.

Perennial. Geophyte. Ht up to 0.7 m. Alt 50–200 m. WC

ciliata (L.f.) Kunth

Phalangium canaliculatum (Aiton) Poir. (2)

Phalangium longifolium (Jacq.) Poir. (2)

Perennial. Geophyte. Ht 0.22–0.76 m. Alt 15–1525 m. N, NC, WC, EC

dissecta Oberm.

Perennial. Geophyte. Ht up to 0.3 m. Alt 60–650 m. NC

divaricata (Jacq.) Kunth

Perennial. Shrub, geophyte. Ht 0.2–0.9 m. Alt 3–36 m. NC, WC, EC

ensifolia (Sölch) Roessler

Perennial. Geophyte. Ht up to 0.8 m. Alt? N

erythrorrhiza (Conrath) Oberm.

Perennial. Geophyte. Ht 0.45–0.8 m. Alt ?–1830 m. G

esterhuysenae Oberm.

Perennial. Geophyte. Ht up to 0.5 m. Alt ?–610 m. WC

falcata (L.f.) Kunth

Chlorophytum drepanophyllum Baker (2)

Perennial. Geophyte. Ht 0.25–0.6 m. Alt 60–1100 m. N, NC, WC

filiformis (Aiton) Oberm.

Anthericum aitonii Baker (3)

Anthericum filiforme Aiton (3)

Bulbinella aitonii (Baker) T.Durand & Schinz (3)

Bulbinella filiformis (Aiton) Kunth (3)

Trachyandra longepedunculata (Steud. ex Roem. & Schult.) Kunth (3)
 Perennial. Geophyte. Ht 0.15–0.6 m. Alt 30–200 m. WC

flexifolia (L.f.) Kunth

Perennial. Geophyte. Ht 0.25–0.6 m. Alt 90–820 m. NC, WC

gerrardii (Baker) Oberm.

Perennial. Geophyte. Ht 0.3–0.76 m. Alt 25–2440 m. M, S, KZN, EC

giffenii (F.M.Leight.) Oberm.

Perennial. Herb, succulent. Ht up to 0.5 m. Alt ?–610 m. EC

glandulosa (Dinter) Oberm.

Perennial. Geophyte. Ht up to 0.3 m. Alt? N

gracilentia Oberm.

Perennial. Geophyte. Ht up to 0.4 m. Alt ?–1200 m. NC

hirsuta (Thunb.) Kunth

Perennial. Geophyte. Ht 0.5–0.91 m. Alt 30–660 m. WC

hirsutiflora (Adamson) Oberm.

Perennial. Geophyte. Ht up to 0.6 m. Alt 15–765 m. WC

hispida (L.) Kunth

- Anthericum squameum* L.f. (3)
Bulbinella squamea (L.f.) Kunth (3)
Phalangium squameum (L.f.) Poir. (2)
 Perennial. Geophyte. Ht up to 0.3 m. Alt 30–275 m. WC
- involucrata** (Baker) Oberm.
 Perennial. Dwarf shrub. Ht up to 0.6 m. Alt 151–825 m. NC
- jacquiniana** (Roem. & Schult.) Oberm.
 Perennial. Geophyte. Ht 0.25–0.5 m. Alt 90–1340 m. NC, WC
- karrooica** Oberm.
 Perennial. Geophyte. Ht ± 0.15 m. Alt ?–1370 m. N, NC
- lanata** (Dinter) Oberm.
 Perennial. Geophyte. Ht up to 0.3 m. Alt? N
- laxa** (N.E.Br.) Oberm. var. *erratica* (Oberm.) Oberm. = **T. laxa** var. **rigida**
- laxa** (N.E.Br.) Oberm. var. **laxa**
 Perennial. Geophyte. Ht 0.25–0.8 m. Alt ?–1190 m. N, B, NW, NC
- laxa** (N.E.Br.) Oberm. var. **rigida** (Suess.) Roessler
T. laxa (N.E.Br.) Oberm. var. *erratica* (Oberm.) Oberm. (4)
 Perennial. Geophyte. Ht 0.4–1.21 m. Alt 950–1525 m. NW, FS, NC
- longepedunculata** (Steud. ex Roem. & Schult.) Kunth = **T. filiformis**
- margaretae** Oberm.
 Perennial. Geophyte. Ht up to 0.6 m. Alt ?–1650 m. M, KZN
- muricata** (L.f.) Kunth
 Perennial. Geophyte. Ht 0.3–0.6 m. Alt 61–825 m. N, NC, WC
- oligotricha** (Baker) Oberm.
 Perennial. Geophyte. Ht up to 0.3 m. Alt 15–185 m. WC
- paniculata** Oberm.
 Perennial. Geophyte. Ht up to 0.3 m. Alt? NC
- patens** Oberm.
 Perennial. Geophyte. Ht up to 0.4 m. Alt ?–1200 m. NC, WC
- pauciflora** (Thunb.) Kunth = **Chlorophytum triflorum**
- peculiaris** (Dinter) Oberm.
 Perennial. Geophyte. Ht up to 0.1 m. Alt? N
- prolifera** P.L.Perry
 Perennial. Geophyte. Ht up to 0.2 m. Alt? NC
- reflexipilosa** (Kuntze) Oberm.
 Perennial. Geophyte. Ht 0.25–1.06 m. Alt 155–2135 m. M, S, FS, KZN, L
- revoluta** (L.) Kunth
Phalangium revolutum Poir. (2)
 Perennial. Geophyte. Ht 0.3–0.76 m. Alt 2–610 m. N, NC, WC, EC
- sabulosa** (Adamson) Oberm.
 Perennial. Geophyte. Ht up to 0.4 m. Alt ?–92 m. WC
- saltii** (Baker) Oberm. var. **oatesii** (Baker) Oberm.
 Perennial. Geophyte. Ht 0.1–0.5 m. Alt ?–1370 m. FS, NC
- saltii** (Baker) Oberm. var. **saltii**
 Perennial. Geophyte. Ht 0.1–1.06 m. Alt 10–2895 m. N, B, M, S, FS, KZN, L, EC
- saltii** (Baker) Oberm. var. **secunda** (K.Krause & Dinter) Oberm.
 Perennial. Geophyte. Ht 0.27–0.6 m. Alt 151–1630 m. N, G, M, S, FS, KZN
- scabra** (L.f.) Kunth
 Perennial. Geophyte. Ht up to 0.4 m. Alt 5–305 m. WC
- schultesii** Kunth = **Chlorophytum triflorum**
- smalliana** Hilliard & B.L.Burt
 Perennial. Geophyte. Ht up to 0.7 m. Alt 1500–2042 m. KZN, EC
- tabularis** (Baker) Oberm.
 Perennial. Geophyte. Ht up to 1 m. Alt 30–800 m. WC
- thyrsoidea** (Baker) Oberm.
 Perennial. Geophyte. Ht up to 0.18 m. Alt? WC
- tortilis** (Baker) Oberm.
Anthericum salteri F.M.Leight. (2)
 Perennial. Geophyte. Ht up to 0.25 m. Alt 30–1065 m. NC, WC
- zebrina** (Schltr. ex Poelln.) Oberm.
 Perennial. Geophyte. Ht up to 0.2 m. Alt ?–610 m. NC
- TRICLISSA** Salisb. 1024010
- uvaria* (L.) Salisb. = **Kniphofia uvaria**
- TRITOMA** Ker Gawl. 1024020
- burchellii* Lindl. = **Kniphofia uvaria**
- caulescens* (Baker) Carrière = **Kniphofia caulescens**
- macowanii* (Baker) Carrière = **Kniphofia triangularis** subsp. **triangularis**
- media* (Donn) Ker Gawl., illegitimate name = **Kniphofia sarmentosa**
- rooperi* T.Moore = **Kniphofia rooperi**
- uvaria* (L.) Ker Gawl. = **Kniphofia uvaria**
- TRITOMANTHE** Link 1024030
- burchellii* (Lindl.) Steud. = **Kniphofia uvaria**
- media* (Donn) Link, illegitimate name = **Kniphofia sarmentosa**
- uvaria* (L.) Link = **Kniphofia uvaria**
- TRITOMIUM** Link 1024040
- uvaria* (L.) Link = **Kniphofia uvaria**

BEHNIACEAE

Compiled by R.P.Glen

BEHNTIA Didr.

- (1) Baker. 1896. *FC* 6: 256–274.
 (2) Reveal. 1997. *Phytologia* 82,4: 273, 274.
 (3) Conran 1997. *Kew Bulletin* 52,4: 995–999.

1147000

reticulata (Thunb.) Didr.

- Perennial. Climber. Ht? Alt 15–1760 m. LIM, M, S, KZN, WC, EC

BURMANNIACEAE

Compiled by C. Archer

BURMANNIA L.

1382000

- (1) Obermeyer. 1964. *The Flowering Plants of Africa* 36: t. 1427.
 (2) Hilliard & Burt. 1976. *Notes from the Royal Botanic Garden Edinburgh* 34: 253, 254.

bicolor Mart. var. *africana* Ridl. = **B. madagascariensis**

capensis Mart. = **B. madagascariensis**

madagascariensis Mart.

B. bicolor Mart. var. *africana* Ridl. (1)

B. capensis Mart. (1)

Perennial. Herb. Ht 0.1–0.3 m. Alt 1–1740 m. LIM, NW, KZN

*CANNACEAE

Compiled by C. Archer

*CANNA L.

1363000

- (1) Bailey. 1923. *Gentes Herbarium* 1: 118, 120.
 (2) Lock. 1993. *FTEA Cannaceae* (see Musaceae): 7.

edulis L. = **C. indica**

×**generalis** L.H.Bailey

Perennial. Herb. Ht 1–2 m. Alt? LIM, G, M

indica L.

C. edulis L. (2)

Perennial. Herb. Ht 1–2 m. Alt ?–1065 m. LIM, KZN

COLCHICACEAE

Compiled by C. Archer

ANDROCYMBIUM Willd.

0969000

- (1) Krause. 1921. *Notizblatt des Botanischen Gartens und Museums zu Berlin-Dahlem* 7: 512–526.
 (2) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 53.
 (3) Dyer. 1956. *The Flowering Plants of Africa* 31: t. 1225.
 (4) Roessler. 1974. *Mitteilungen der Botanischen Staatssammlung München* 11: 545–566.
 (5) Müller-Doblies & Müller-Doblies. 1984. *Willdenowia* 14: 179–197.
 (6) Müller-Doblies & Müller-Doblies. 1990. *Willdenowia* 19: 453–470.
 (7) Müller-Doblies & Müller-Doblies. 1998. *Feddes Repertorium* 109: 551–572.
 (8) Pedrola-Monfort *et al.* 1999. *Fontqueria* 53: 1, 2.
 (9) Pedrola-Monfort *et al.* 1999. *Fontqueria* 54: 7–9.
 (10) Caujapé-Castells *et al.* 1999. *Systematic Botany* 24: 581–597.
 (11) Manning & Goldblatt. 2001. *Bothalia* 31: 203–205.

albanense Schönland subsp. **albanense**

Perennial. Geophyte. Ht? Alt? EC

albanense Schönland subsp. **clanwilliamense** Pedrola,

Membrives & J.M.Monts.

Perennial. Geophyte. Ht? Alt? WC

albomarginatum Schinz

A. schlechteri K.Krause (7)

Perennial. Geophyte. Ht? Alt 800–1400 m. NC, WC

asteroides J.C.Manning & Goldblatt

Perennial. Geophyte. Ht? Alt? NC

austrocapense U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt ?–80 m. WC, EC

bellum Schltr. & K.Krause

Perennial. Geophyte. Ht up to 0.08 m. Alt ?–1005 m. N, NC

burchellii Baker

Perennial. Geophyte. Ht? Alt 600–1000 m. NC, WC

burkei Baker

Perennial. Geophyte. Ht up to 0.07 m. Alt 646–1830 m. G, M, FS, L

capense (L.) K.Krause

A. eucomoides Sweet, not of Willd., misapplied name (1)

A. leucanthum Willd. (1)

A. punctatum Baker (1)

Melanthium capense L. (1)

Perennial. Geophyte. Ht up to 0.4 m. Alt 27–1370 m. WC

ciliolatum Schltr. & K.Krause

A. fenestratum Schltr. & K.Krause (5)

Perennial. Geophyte. Ht up to 0.1 m. Alt 120–1200 m. NC, WC

circinatum Baker

A. guttatum Schltr. & K.Krause (7)

Perennial. Geophyte. Ht? Alt? N, NC

crispum Schinz

A. pritzelianum Diels (7)

Perennial. Geophyte. Ht? Alt ?–1370 m. NC

cruciatum U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht up to 0.2 m. Alt ?–700 m. NC

cuspidatum Baker

Perennial. Geophyte. Ht? Alt? NC

decipiens N.E.Br.

Perennial. Geophyte. Ht? Alt? KZN

dregei C.Presl

Perennial. Geophyte. Ht up to 0.1 m. Alt 500–1100 m. NC, WC

eghimocymbion U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt ?–500 m. WC

eucomoides (Jacq.) Willd.*Melanthium eucomoides* Jacq. (1)

Perennial. Geophyte. Ht? Alt 120–960 m. WC

eucomoides Sweet, not of Willd., misapplied name = **A. capense****exiguum** Roessler subsp. **exiguum**

Perennial. Geophyte. Ht up to 0.08 m. Alt? N

exiguum Roessler subsp. **vogelii** (U.Müll.-Doblies & D.Müll.-Doblies) U.Müll.-Doblies & D.Müll.-Doblies*A. vogelii* U.Müll.-Doblies & D.Müll.-Doblies (6)

Perennial. Geophyte. Ht up to 0.12 m. Alt 700–760 m. N, NC

fenestratum Schltr. & K.Krause = **A. ciliolatum***gramineum* in sense of Roessler, not of (Cav.) J.F.Macbr. = **A. roseum***guttatum* Schltr. & K.Krause = **A. circinatum****hantamense** Engl.

Perennial. Geophyte. Ht? Alt 625–1450 m. NC, WC

henssenianum U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht up to 0.6 m. Alt? NC

hughocymbion U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt ?–400 m. WC

huntleyi Pedrola, Membrives, J.M.Monts. & Caujapé

Perennial. Geophyte. Ht? Alt? NC

irroratum Schltr. & K.Krause

Perennial. Geophyte. Ht up to 0.07 m. Alt? NC, WC

kunkelianum U.Müll.-Doblies, P.Hirsch., Stearn & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt? NC

latifolium Schinz*A. pulchrum* Schltr. & K.Krause (7)

Perennial. Geophyte. Ht? Alt? NC

leistneri U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt ?–1160 m. FS, L, NC

leucanthum Willd. = **A. capense****longipes** Baker

Perennial. Geophyte. Ht 0.06–0.25 m. Alt 5–3140 m. EC

melanthioides Willd. subsp. **australe** U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt? FS, WC, EC

melanthioides Willd. subsp. **melanthioides***A. melanthioides* Willd. var. *acaule* Baker (1)

Perennial. Geophyte. Ht 0.05–0.25 m. Alt 645–2500 m. N, B, LIM, NW, G, FS, NC, WC, EC

melanthioides Willd. subsp. **transvaalense** U.Müll.-Doblies & D.Müll.-Doblies? *A. melanthioides* Willd. var. *subulatum* (Baker) Baker (7)? *A. subulatum* Baker (7)

Perennial. Geophyte. Ht? Alt 1100–2000 m. N, M, S, KZN, L, EC

melanthioides Willd. var. *acaule* Baker = **A. melanthioides**
Willd. var. **melanthioides***melanthioides* Willd. var. *striatum* (A.Rich.) Baker = **A. striatum***melanthioides* Willd. var. *subulatum* (Baker) Baker = ?
A. melanthioides subsp. **transvaalense****natalense** Baker

Perennial. Geophyte. Ht? Alt? KZN

orienticapense U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt 150–200 m. WC, EC

poeltianum U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht up to 0.1 m. Alt? NC

pritzelianum Diels = **A. crispum***pulchrum* Schltr. & K.Krause = **A. latifolium***punctatum* Baker = **A. capense****roseum** Engl.*A. gramineum* in sense of Roessler, not of (Cav.) J.F.Macbr. (10)

Perennial. Geophyte. Ht up to 0.03 m. Alt 850–1310 m. N, B, FS

scabromarginatum Schltr. & K.Krause

Perennial. Geophyte. Ht up to 0.12 m. Alt 220–1200 m. NC, WC

schlechteri K.Krause = **A. albomarginatum****striatum** A.Rich.*A. melanthioides* Willd. var. *striatum* (A.Rich.) Baker (1)

Perennial. Geophyte. Ht? Alt? LIM, G, M, S, FS, L, WC, EC

subulatum Baker = ? **A. melanthioides** subsp. **transvaalense****swazicum** U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt 1300–1400 m. M, S

undulatum U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt ?–1000 m. WC

vanjaarsveldii U.Müll.-Doblies, U.U.Hähnl. & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt? NC

villosum U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht up to 0.1 m. Alt? NC

vogelii U.Müll.-Doblies & D.Müll.-Doblies = **A. exiguum**
subsp. **vogelii****volutare** Burch.

Perennial. Geophyte. Ht? Alt 245–1430 m. NC

walteri Pedrola, Membrives & J.M.Monts.

Perennial. Geophyte. Ht? Alt? NC

worsonense U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt ?–250 m. WC

BAEOMETRA Salisb. ex Endl. 0970000(1) Baker. 1897. *FC* 6: 522, 523.(2) Lewis. 1941. *Journal of South African Botany* 7: 59.(3) Adamson. 1950. In Adamson & Salter, *Flora of the Cape Peninsula*: 202.*columellaris* Salisb. = **B. uniflora****uniflora** (Jacq.) G.J.Lewis*B. columellaris* Salisb. (2)*Melanthium aethiopicum* Desv. (1)*Melanthium uniflorum* Jacq. (1)

Perennial. Geophyte. Ht 0.15–0.3 m. Alt 30–305 m. WC

CAMPTORRHIZA E.Phillips 0975010(1) Phillips. 1935. *The Flowering Plants of South Africa* 15: t. 575.(2) Obermeyer. 1961. *Kirkia* 1: 84–87.*schlechteri* (Engl.) E.Phillips = **C. strumosa****strumosa** (Baker) Oberm.*C. schlechteri* (Engl.) E.Phillips (2)

Perennial. Geophyte. Ht 0.05–0.4 m. Alt 45–1530 m. N, B, LIM, NW, G, M, KZN, NC

- CYMATION** Spreng. 0973010
undulatum (Willd.) Spreng. = **Ornithoglossum undulatum**
- DIPIDAX** Laws. ex Salisb. 0971005
ciliata (L.f.) Baker = **Onixotis punctata**
ciliata (L.f.) Baker var. *bergii* (Schltdl.) Baker = **Onixotis punctata**
ciliata (L.f.) Baker var. *garnotiana* (Kunth) Baker = **Onixotis punctata**
ciliata (L.f.) Baker var. *gracilis* (Desv.) Baker = **Onixotis punctata**
ciliata (L.f.) Baker var. *rubicunda* (Kunth) Baker = **Onixotis punctata**
ciliata (L.f.) Baker var. *secunda* (Desv.) Baker = **Onixotis punctata**
punctata (L.) Hutch. = **Onixotis punctata**
punctata (L.) Hutch. var. *bergii* (Schltdl.) Adamson = **Onixotis punctata**
punctata (L.) Hutch. var. *garnotiana* (Kunth) Adamson = **Onixotis punctata**
rosea Salisb. = **Onixotis stricta**
triquetra (L.f.) Baker = **Onixotis stricta**

GLORIOSA L. 0963000

- (1) Baker. 1897. *FC* 6: 525, 526.
 (2) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 430.
 (3) Field. 1971. *Kew Bulletin* 25: 243–245.

superba L.

G. virescens Lindl. (3)

Perennial. Geophyte, climber. Ht 0.25–2.43 m. Alt 5–1830 m. N, B, LIM, M, S, KZN, EC

virescens Lindl. = **G. superba**

HEXACYRTIS Dinter 0965010

- (1) Dinter. 1932. *Feddes Repertorium* 30: 84, 85.
 (2) Sölch *et al.* 1970. In Merxmüller, *FSWA* 147: 51.
 (3) Williamson. 1983. *Veld & Flora* 69: 16–19.

dickiana Dinter

Perennial. Geophyte. Ht 0.35–1.1 m. Alt 410–780 m. N, NC

IPHIGENIA Kunth 0975000

- (1) Obermeyer. 1961. *Kirkia* 1: 84–87.

bechuanica Baker

Perennial. Geophyte. Ht up to 0.5 m. Alt 305–425 m. N, B, LIM, M, KZN

LICHTENSTEINIA Willd. 0973020

undulata Willd. = **Ornithoglossum undulatum**

LITTONIA Hook. 0964000

- (1) Baker. 1897. *FC* 6: 527.
 (2) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 366.
 (3) Bredell. 1937. *Kew Bulletin* 1936: 495.

modesta Hook.

Perennial. Geophyte, climber. Ht 0.3–2 m. Alt 380–1450 m. LIM, NW, G, M, S, FS, KZN, EC

rigidifolia Bredell

Perennial. Geophyte, climber. Ht 0.3–0.5 m. Alt 1000–1770 m. LIM

MELANTHIUM L. in part 0959000
 [MELANTHIACEAE]

- aethiopicum* Desv. = **Baeometra uniflora**
bergii Schltdl. = **Onixotis punctata**
capense L. = **Androcymbium capense**
capense Willd. = **Onixotis punctata**
ciliatum L.f. = **Onixotis punctata**
eucomoides Jacq. = **Androcymbium eucomoides**
garnotianum Kunth = **Onixotis punctata**
gracile Desv. = **Onixotis punctata**
junceum Jacq. = **Onixotis stricta**
longiflorum (Willd.) Ker Gawl., illegitimate name = **Wurmbea dolichantha**
marginatum Desr. = **Wurmbea marginata**
monopetalum L.f. = **Wurmbea monopetala**
pumilum (Willd.) Ker Gawl., illegitimate name = **Wurmbea capensis**
punctatum L. = **Onixotis punctata**
rubicundum Willd. = **Onixotis punctata**
secundum Desv. = **Onixotis punctata**
spicatum Burm.f. = **Wurmbea spicata** var. *spicata*
triquetrum L.f. = **Onixotis stricta**
tubiflorum Sol. ex Baker = **Wurmbea dolichantha**
undulatum (Willd.) J.W.Loudon = **Ornithoglossum undulatum**
uniflorum Jacq. = **Baeometra uniflora**
viride L.f. = **Ornithoglossum viride**
wurmbeae Thunb. = **Wurmbea capensis**
wurmbeum Thunb. = **Wurmbea capensis**

NEODREGEA C.H. Wright 0971010

- (1) Wright. 1909. *Kew Bulletin* 1909: 308, 309.
 (2) Wright. 1911. *Hooker's Icones Plantarum* 30: t. 2931.
 (3) Garside. 1935. *Kew Bulletin* 1935: 292–298.

glassii C.H. Wright

Perennial. Geophyte. Ht 0.02–0.06 m. Alt ?–± 50 m. WC, EC

ONIXOTIS Raf. 0971000

- (1) Baker. 1897. *FC* 6: 523, 524.
 (2) Adamson & Salter. 1950. *Flora of the Cape Peninsula*: 202, 203.
 (3) Mabberley. 1980. *Taxon* 29: 600.
 (4) Wijnands. 1991. *Bothalia* 21: 157.

punctata (L.) Mabb.

- Dipidax ciliata* (L.f.) Baker (2)
Dipidax ciliata (L.f.) Baker var. *bergii* (Schltdl.) Baker (3)
Dipidax ciliata (L.f.) Baker var. *garnotiana* (Kunth) Baker (3)
Dipidax ciliata (L.f.) Baker var. *gracilis* (Desv.) Baker (3)
Dipidax ciliata (L.f.) Baker var. *rubicunda* (Kunth) Baker (3)
Dipidax ciliata (L.f.) Baker var. *secunda* (Desv.) Baker (3)
Dipidax punctata (L.) Hutch. (3)
Dipidax punctata (L.) Hutch. var. *bergii* (Schltdl.) Adamson (3)
Dipidax punctata (L.) Hutch. var. *garnotiana* (Kunth) Adamson (3)
Melanthium bergii Schltdl. (1)
Melanthium capense Willd. (1)
Melanthium ciliatum L.f. (1)
Melanthium garnotianum Kunth (1)
Melanthium gracile Desv. (1)
Melanthium punctatum L. (3)
Melanthium rubicundum Willd. (1)
Melanthium secundum Desv. (1)

Perennial. Geophyte. Ht 0.11–0.3 m. Alt 20–1465 m. WC
stricta (Burm.f.) Wijnands
Anthericum bulbine Houtt. (4)
Dipidax rosea Salisb. (1)
Dipidax triquetra (L.f.) Baker (4)
Melanthium junceum Jacq. (3)
Melanthium triquetrum L.f. (4)
O. triquetra (L.f.) Mabb. (4)
Pontederia stricta Burm.f. (4)
 Perennial. Helophyte. Geophyte. Ht up to 0.5 m. Alt? NC,
 WC, EC

triquetra (L.f.) Mabb. = **O. stricta**

ORNITHOGLOSSUM Salisb. 0973000

- (1) Nordenstam. 1979. *The Flowering Plants of Africa* 45: t. 1799.
 (2) Nordenstam. 1982. *Opera Botanica* 64: 1–51.

calcicola K.Krause & Dinter

Perennial. Geophyte. Ht 0.2–0.5 m. Alt ?–1460 m. N

dinteri K.Krause

O. glaucum Salisb. var. *grandiflorum* Baker in part (2)

Perennial. Geophyte. Ht 0.06–0.45 m. Alt 915–1385 m.
 N, NW, FS, NC

glaucum in sense of authors, not of Salisb. = **O. vulgare**

glaucum Salisb., illegitimate name = **O. viride**

glaucum Salisb. var. *grandiflorum* Baker in part = **O. dinteri**

glaucum Salisb. var. *grandiflorum* Baker in part = **O. undu-**
latum

glaucum Salisb. var. *undulatum* (Willd.) Baker = **O. undu-**
latum

glaucum Salisb. var. *zeyheri* Baker = **O. zeyheri**

gracile B.Nord.

Perennial. Geophyte. Ht 0.02–0.1 m. Alt ?–1000 m. NC,
 WC

lichtensteinii Schltl. = **O. undulatum**

parviflorum B.Nord. var. **namaquense** B.Nord.

Perennial. Geophyte. Ht 0.05–0.2 m. Alt ?–200 m. NC,
 WC

parviflorum B.Nord. var. **parviflorum**

Perennial. Geophyte. Ht 0.04–0.2 m. Alt 115–1140 m. N,
 NC, WC

undulatum Sweet

Cymation undulatum (Willd.) Spreng. (1)

Lichtensteinia undulata Willd. (2)

Melanthium undulatum (Willd.) J.W.Loudon (2)

O. glaucum Salisb. var. *grandiflorum* Baker in part (2)

O. glaucum Salisb. var. *undulatum* (Willd.) Baker (2)

O. lichtensteinii Schltl. (2)

O. undulatum (Willd.) Spreng., illegitimate name (2)

O. viride (L.f.) Aiton var. *grandiflorum* (Baker) T.Durand & Schinz (2)

O. viride (L.f.) Aiton var. *undulatum* (Willd.) J.F.Macbr. (2)

Perennial. Geophyte. Ht 0.05–0.4 m. Alt ± 150–1220 m.
 N, NC, WC, EC

undulatum (Willd.) Spreng., illegitimate name = **O. undu-**
latum

undulatum (Willd.) Spreng. var. *zeyheri* (Baker) T.Durand
 & Schinz = **O. zeyheri**

viride in sense of authors, not of (L.f.) Aiton = **O. vul-**
gare

viride (L.f.) Aiton

Melanthium viride L.f. (2)

O. glaucum Salisb., illegitimate name (2)

Perennial. Geophyte. Ht 0.05–0.3 m. Alt 15–250 m. WC

viride (L.f.) Aiton var. *grandiflorum* (Baker) T.Durand
 & Schinz = **O. undulatum**

viride (L.f.) Aiton var. *undulatum* (Willd.) J.F.Macbr. =
O. undulatum

vulgare B.Nord.

O. glaucum in sense of authors, not of Salisb. (2)

O. viride in sense of authors, not of (L.f.) Aiton (2)

Perennial. Geophyte. Ht 0.15–1.52 m. Alt 90–2000 m. N,
 B, LIM, G, FS, NC

zeyheri (Baker) B.Nord.

O. glaucum Salisb. var. *zeyheri* Baker (2)

O. undulatum (Willd.) Spreng. var. *zeyheri* (Baker) T.Durand & Schinz (2)

Perennial. Geophyte. Ht 0.02–0.1 m. Alt 550–950 m. NC,
 WC

SANDERSONIA Hook. 0965000

- (1) Baker. 1897. *FC* 6: 526, 527.

- (2) Hennessy. 1978. *The Flowering Plants of Africa* 44: t. 1755.

aurantiaca Hook.

Perennial. Herb, geophyte, climber. Ht 0.3–2.74 m. Alt 45–
 1950 m. M, S, KZN, EC

WURMBEA Thunb. 0972000

- (1) Phillips. 1934. *The Flowering Plants of South Africa* 14: tt. 534, 535.

- (2) Nordenstam. 1978. *Notes from the Royal Botanic Garden Edinburgh*
 36: 211–233.

- (3) Nordenstam. 1986. *Opera Botanica* 87: 1–41.

angustifolia B.Nord.

Perennial. Geophyte. Ht 0.03–0.2 m. Alt 1340–3050 m.
 FS, KZN, L, EC

burtii B.Nord.

Perennial. Geophyte. Ht 0.03–0.06 m. Alt 2400–2900 m.
 KZN, L

campanulata Willd., illegitimate name = **W. spicata** var.
spicata

campanulata Willd. var. *latifolia* Baker = **W. variabilis**

campanulata Willd. var. *longiflora* Baker = **W. dolichan-**
tha

campanulata Willd. var. *marginata* Schltl. = **W. spicata**
 var. **spicata**

campanulata Willd. var. *pumila* Schult. & Schult.f. = **W.**
capensis

campanulata Willd. var. *purpurea* (Aiton) Schltl. = **W.**
marginata

campanulata Willd. var. *unicolor* Schltl. = **W. dolichan-**
tha

capensis Thunb.

Melanthium pumilum (Willd.) Ker Gawl., illegitimate name (3)

Melanthium wurmbaea Thunb. (3)

Melanthium wurmbeum Thunb. (3)

W. campanulata Willd. var. *pumila* Schult. & Schult.f. (3)

W. pumila Willd., illegitimate name, in part (3)

W. spicata (Burm.f.) T.Durand & Schinz forma *pumila* T.Durand &
 Schinz (3)

Perennial. Geophyte. Ht 0.02–0.08 m. Alt ?–200 m. WC

capensis Thunb. var. *inusta* Baker = **W. inusta**

capensis Thunb. var. *latifolia* (Baker) Baker = **W. variabilis**

capensis Thunb. var. *longiflora* (Baker) Baker = **W. doli-**
chantha

capensis Thunb. var. *purpurea* (Aiton) Baker = **W. mar-**
ginata

capensis Thunb. var. *truncata* (Schltdl.) Baker = **W. monopetala**

compacta B.Nord.

Perennial. Geophyte. Ht 0.04–0.18 m. Alt? WC

conferta N.E.Br. = **W. spicata** var. **ustulata**

dolichantha B.Nord.

Melanthium longiflorum (Willd.) Ker Gawl, illegitimate name (3)

Melanthium tubiflorum Sol. ex Baker (3)

W. campanulata Willd. var. *longiflora* Baker (3)

W. campanulata Willd. var. *unicolor* Schltdl. (3)

W. capensis Thunb. var. *longiflora* (Baker) Baker (3)

W. longiflora Willd., illegitimate name, in part (3)

W. spicata (Burm.f.) T.Durand & Schinz var. *longiflora* (Baker) T.Durand & Schinz (3)

Perennial. Geophyte. Ht 0.1–0.3 m. Alt?–150 m. NC, WC

dolichantha B.Nord. × **W. inusta** (Baker) B.Nord.

Perennial. Geophyte. Ht up to 0.18 m. Alt? WC

dolichantha B.Nord. × **W. robusta** B.Nord.

Perennial. Geophyte. Ht? Alt? WC

elatior B.Nord.

Perennial. Geophyte. Ht 0.27–0.4 m. Alt 1200–3000 m. FS, KZN, L, EC

elongata B.Nord.

Perennial. Geophyte. Ht 0.07–0.2 m. Alt?–304 m. WC

elongata B.Nord. × **W. spicata** (Burm.f.) T.Durand & Schinz var. **spicata**

Perennial. Geophyte. Ht 0.18–0.22 m. Alt? WC

hiemalis B.Nord.

Perennial. Geophyte. Ht 0.04–0.15 m. Alt 152–300 m. WC

hiemalis B.Nord. × **W. spicata** (Burm.f.) T.Durand & Schinz var. **spicata**

Perennial. Geophyte. Ht? Alt? WC

inusta (Baker) B.Nord.

W. capensis Thunb. var. *inusta* Baker (3)

Perennial. Geophyte. Ht 0.05–0.2 m. Alt 100–250 m. WC

inusta (Baker) B.Nord. × **W. marginata** (Desr.) B.Nord.

Perennial. Geophyte. Ht 0.05–0.07 m. Alt?–100 m. WC

inusta (Baker) B.Nord. × **W. recurva** B.Nord.

Perennial. Geophyte. Ht 0.05–0.15 m. Alt? WC

kraussii Baker

Perennial. Geophyte. Ht 0.07–0.15 m. Alt 15–2468 m. M, S, FS, KZN, L, EC

longiflora Willd., illegitimate name, in part = **W. dolichantha**

longiflora Willd., illegitimate name, in part = **W. monopetala**

marginata (Desr.) B.Nord.

Melanthium marginatum Desr. (3)

W. campanulata Willd. var. *purpurea* (Aiton) Schltdl. (3)

W. capensis Thunb. var. *purpurea* (Aiton) Baker (3)

W. purpurea Aiton (3)

W. spicata (Burm.f.) T.Durand & Schinz forma *marginata* (Desr.) T.Durand & Schinz (3)

W. spicata (Burm.f.) T.Durand & Schinz forma *purpurea* (Aiton) T.Durand & Schinz (3)

Perennial. Geophyte. Ht 0.06–0.22 m. Alt 45–685 m. WC

marginata (Desr.) B.Nord. × **W. monopetala** (L.f.) B.Nord.

Perennial. Geophyte. Ht 0.1–0.2 m. Alt? WC

marginata (Desr.) B.Nord. × **W. spicata** (Burm.f.) T.Durand & Schinz var. **ustulata** (B.Nord.) B.Nord.

Perennial. Geophyte. Ht 0.08–0.12 m. Alt? WC

marginata (Desr.) B.Nord. × **W. variabilis** B.Nord.

Perennial. Geophyte. Ht up to 0.15 m. Alt?–240 m. WC

minima B.Nord.

Perennial. Geophyte. Ht 0.01–0.05 m. Alt? WC

monopetala (L.f.) B.Nord.

Melanthium monopetalum L.f. (3)

W. capensis Thunb. var. *truncata* (Schltdl.) Baker (3)

W. longiflora Willd., illegitimate name, in part (3)

W. spicata (Burm.f.) T.Durand & Schinz forma *truncata* (Schltdl.) T.Durand & Schinz (3)

W. spicata (Burm.f.) T.Durand & Schinz var. *truncata* (Schltdl.) Adamson (3)

W. truncata Schltdl. (3)

Perennial. Geophyte. Ht 0.05–0.25 m. Alt 335–870 m. WC

monopetala (L.f.) B.Nord. × **W. spicata** (Burm.f.) T.Durand & Schinz var. **ustulata** (B.Nord.) B.Nord.

Perennial. Geophyte. Ht 0.07–0.12 m. Alt? WC

pumila Willd., illegitimate name, in part = **W. capensis purpurea** Aiton = **W. marginata**

pusilla E.Phillips

Perennial. Geophyte. Ht 0.01–0.1 m. Alt?–3050 m. KZN, L

recurva B.Nord.

W. spicata (Burm.f.) T.Durand & Schinz forma *revoluta* T.Durand & Schinz (3)

Perennial. Geophyte. Ht 0.05–0.2 m. Alt 260–500 m. WC

robusta B.Nord.

Perennial. Geophyte. Ht 0.12–0.3 m. Alt?–45 m. WC

spicata (Burm.f.) T.Durand & Schinz forma *marginata* (Desr.) T.Durand & Schinz = **W. marginata**

spicata (Burm.f.) T.Durand & Schinz forma *pumila* T.Durand & Schinz = **W. capensis**

spicata (Burm.f.) T.Durand & Schinz forma *purpurea* (Aiton) T.Durand & Schinz = **W. marginata**

spicata (Burm.f.) T.Durand & Schinz forma *revoluta* T.Durand & Schinz = **W. recurva**

spicata (Burm.f.) T.Durand & Schinz forma *truncata* (Schltdl.) T.Durand & Schinz = **W. monopetala**

spicata (Burm.f.) T.Durand & Schinz var. *latifolia* (Baker) T.Durand & Schinz = **W. variabilis**

spicata (Burm.f.) T.Durand & Schinz var. *longiflora* (Baker) T.Durand & Schinz = **W. dolichantha**

spicata (Burm.f.) T.Durand & Schinz var. **spicata**

Melanthium spicatum Burm.f. (3)

W. campanulata Willd., illegitimate name (3)

W. campanulata Willd. var. *marginata* Schltdl. (3)

Perennial. Geophyte. Ht 0.05–0.2 m. Alt 100–915 m. WC

spicata (Burm.f.) T.Durand & Schinz var. *truncata* (Schltdl.) Adamson = **W. monopetala**

spicata (Burm.f.) T.Durand & Schinz var. **ustulata** (B.Nord.) B.Nord.

W. conferta N.E.Br. (3)

W. ustulata B.Nord. (3)

Perennial. Geophyte. Ht 0.1–0.3 m. Alt?–790 m. NC, WC

tenuis (Hook.f.) Baker subsp. **australis** B.Nord.

Perennial. Geophyte. Ht 0.02–0.06 m. Alt?–3000 m. L

truncata Schltdl. = **W. monopetala**

ustulata B.Nord. = **W. spicata** var. **ustulata**

variabilis B.Nord.

W. campanulata Willd. var. *latifolia* Baker (3)

W. capensis Thunb. var. *latifolia* (Baker) Baker (3)

W. spicata (Burm.f.) T.Durand & Schinz var. *latifolia* (Baker) T.Durand & Schinz (3)

Perennial. Geophyte. Ht 0.03–0.2 m. Alt 0–1450 m. NC, WC, EC

COMMELINACEAE

Compiled by E.T. Moeng

- ANEILEMA** R.Br. 0899000
 (1) Clarke. 1897. *FC* 7: 12, 13.
 (2) Druten. 1959. *The Flowering Plants of Africa* 33: t. 1302.
 (3) Faden. 1979. *The Flowering Plants of Africa* 45: t. 1785.
 (4) Faden. 1984. *Bothalia* 15: 89–100.
 (5) Faden. 1985. *FSA* 4: 36–46.
aequinotiale (P.Beauv.) Loudon
 Perennial. Herb. Ht 0.3–1 m. Alt 0–2000 m. LIM, M, S, KZN, EC
arenicola Faden
 Annual. Herb. Ht? Alt? KZN
brunneosperrum Faden
 Annual. Herb. Ht 0.4–0.6 m. Alt 150–950 m. M, S, KZN
dregeanum Kunth
 Perennial. Herb. Ht 0.4–0.45 m. Alt 0–940 m. S, KZN, EC
hockii De Wild.
 Perennial. Herb. Ht 0.3–1.2 m. Alt 640–1280 m. N, B, LIM, NW, G, M
indehiscens Faden subsp. **lilacinum** Faden
 Perennial. Herb. Ht? Alt 10–550 m. LIM, M, S, KZN
johnstonii K.Schum.
 Perennial. Herb. Ht ?–0.6 m. Alt? B
longirrhizum Faden
 Perennial. Herb. Ht? Alt 760–850 m. LIM
nicholsonii C.B.Clarke
 Annual. Herb. Ht 0.3–0.6 m. Alt? N, LIM
schlechteri K.Schum.
 Annual. Herb. Ht? Alt ?–1067 m. S
zebrinum Chiov.
Ballya zebrina (Chiov.) Brenan (5)
 Perennial. Herb. Ht? Alt 25–30 m. KZN
- BALLYA** Brenan 0899020
zebrina (Chiov.) Brenan = **Aneilema zebrinum**
- COLEOTRYPE** C.B.Clarke 0903000
 (1) Clarke. 1897. *FC* 7: 13.
 (2) Obermeyer. 1966. *The Flowering Plants of Africa* 37: t. 1465.
 (3) Obermeyer & Faden. 1985. *FSA* 4: 49, 50.
 (4) Pooley. 1998. *A field guide to wildflowers of KwaZulu-Natal and the eastern region*: 340.
natalensis C.B.Clarke
 Perennial. Herb. Ht ?–0.5 m. Alt 5–950 m. LIM, S, KZN, EC
- COMMELINA** L. 0896000
 (1) Clarke. 1897. *FC* 7: 8–11.
 (2) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 42.
 (3) Phillips. 1929. *The Flowering Plants of South Africa* 9: tt. 321, 323, 326.
 (4) Merxmüller. 1967. *FSWA*. 157: 2–9.
 (5) Obermeyer. 1981. *Bothalia* 13: 436, 437.
 (6) Obermeyer. 1983. *The Flowering Plants of Africa* 47: t. 1876.
 (7) Obermeyer & Faden. 1985. *FSA* 4: 24–35.
 (8) Lebrun & Stork. 1997. *Énumération des plantes à fleurs d'Afrique tropicale* IV: 595.
africana L. var. **africana**
C. welwitschii C.B.Clarke (7)
 Perennial. Herb. Ht up to 0.5 m. Alt 2–2135 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC
africana L. var. **barberae** (C.B.Clarke) C.B.Clarke
C. karooica C.B.Clarke (4)
 Perennial. Herb. Ht 0.15–0.5 m. Alt 1250–1400 m. N, B, LIM, NW, G, M, L, NC, WC, EC
africana L. var. **boehmiana** (K.Schum.) Brenan = **C. africana** var. **krebsiana**
africana L. var. **brevipila** Brenan = **C. africana** var. **krebsiana**
africana L. var. **glabriuscula** (Norl.) Brenan = **C. africana** var. **lancispatha**
africana L. var. **krebsiana** (Kunth) C.B.Clarke
C. africana L. var. **boehmiana** (K.Schum.) Brenan (7)
C. africana L. var. **brevipila** Brenan (7)
C. africana L. var. **milleri** Brenan (7)
C. africana L. var. **villosior** (C.B.Clarke) Brenan (7)
 Perennial. Herb. Ht 0.3–0.5 m. Alt 5–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC
africana L. var. **lancispatha** C.B.Clarke
C. africana L. var. **glabriuscula** (Norl.) Brenan (7)
 Perennial. Herb. Ht 0.1–0.5 m. Alt 10–2160 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC
africana L. var. **milleri** Brenan = **C. africana** var. **krebsiana**
africana L. var. **villosior** (C.B.Clarke) Brenan = **C. africana** var. **krebsiana**
albescens in sense of C.B.Clarke, not of Hassk., misapplied name = **C. livingstonii**
aspera Benth.
 Annual. Herb. Ht 0.2–0.35 m. Alt? N, B
bella Oberm.
 Perennial. Herb. Ht 0.2–0.3 m. Alt 0–1220 m. LIM, NW, G
benghalensis L.
 Annual. Herb. Ht 0.19–0.91 m. Alt 5–2073 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
bracteosa Hassk., misapplied name = **C. erecta**
diffusa Burm.f. subsp. **diffusa**
 Annual, occ. perennial. Herb, helophyte. Ht 0.1–0.87 m. Alt 5–1220 m. B, LIM, M, S, KZN, WC, EC
diffusa Burm.f. subsp. **scandens** (C.B.Clarke) Oberm.
C. scandens Welw. ex C.B.Clarke (5)
 Annual, occ. perennial. Herb, helophyte. Ht 0.3–1.75 m. Alt 303–1030 m. N, B, LIM, G, M, S, KZN
eckloniana Kunth
 Perennial. Herb. Ht 0.1–0.6 m. Alt 120–2134 m. LIM, NW, G, M, S, KZN, EC
erecta L.
C. bracteosa Hassk., misapplied name
C. gerrardii C.B.Clarke (7)
C. undulata R.Br. (7)
 Perennial. Herb. Ht 0.2–0.9 m. Alt 5–1220 m. N, B, LIM, NW, M, S, KZN, EC
fluviatilis Brenan
 Annual, occ. perennial. Herb, helophyte. Ht ?–0.3 m. Alt? N
forskaolii Vahl
 Annual, occ. perennial. Herb. Ht 0.17–0.3 m. Alt ?–940 m. N, B, LIM, NW, KZN

gerrardii C.B. Clarke = **C. erecta**

imberbis Hassk.

C. kotschy Hassk. (7)

Annual. Herb. Ht 0.4–1.2 m. Alt ?–460 m. LIM, NW, M, S, KZN

karooica C.B. Clarke = **C. africana** var. **barberae**

kotschy Hassk. = **C. imberbis**

livingstonii C.B. Clarke

C. albescens in sense of C.B. Clarke, not of Hassk., misapplied name (7)

Perennial. Herb. Ht 0.1–0.3 m. Alt 30–1646 m. N, B, LIM, NW, G, M, FS, KZN, EC

modesta Oberm.

Perennial. Herb. Ht 0.12–0.3 m. Alt 5–1525 m. LIM, NW, G, M, S, KZN, EC

petersii Hassk.

Perennial. Herb. Ht ?–0.5 m. Alt? N, B, LIM

rogersii Burtt Davy

Perennial. Herb. Ht ?–0.3 m. Alt ?–1410 m. LIM

scandens Welw. ex C.B. Clarke = **C. diffusa** subsp. **scandens**

subulata Roth

Annual. Herb, helophyte. Ht 0.1–0.25 m. Alt 380–1875 m. N, B, LIM, NW, G, M, S, FS, KZN

undulata R.Br. = **C. erecta**

welwitschii C.B. Clarke = **C. africana** var. **africana**

zambesica C.B. Clarke

Annual. Herb. Ht ?–0.3 m. Alt 765–1030 m. N, B, LIM, M

CYANOTIS D. Don

0904000

(1) Clarke. 1897. *FC* 7: 13, 14.

(2) Phillips. 1928. *The Flowering Plants of South Africa* 8: t. 318.

(3) Obermeyer. 1981. *Bothalia* 13: 437–439.

(4) Obermeyer & Faden. 1985. *FSA* 4: 50–56.

(5) Lebrun & Stork. 1995. *Énumération des plantes à fleurs d'Afrique tropicale* 3: 26.

foecunda Hassk.

Perennial. Herb. Ht ± 0.3 m. Alt? N, B

lanata Benth.

Annual. Herb. Ht 0.1–0.2 m. Alt 700–765 m. N, B, LIM, M, S

lapidosa E. Phillips

Perennial. Herb. Ht 0.07–0.35 m. Alt 762–1981 m. LIM, NW, G, M, S, FS, KZN

longifolia Benth. var. **longifolia**

Perennial, occ. annual. Herb. Ht 0.35–0.90 m. Alt? N

nodiflora Kunth = **C. speciosa**

pachyrrhiza Oberm.

Perennial. Herb. Ht 0.1–0.12 m. Alt 1494–2194 m. LIM, M

robusta Oberm.

Perennial. Herb. Ht ?–0.25 m. Alt ?–1505 m. LIM, KZN

speciosa (L.f.) Hassk.

C. nodiflora Kunth (4)

Perennial. Herb. Ht 0.1–1.35 m. Alt 10–2316 m. N, B, LIM, NW, M, S, FS, KZN, L, NC, WC, EC

FLOSCOPA Lour.

0908000

(1) Clarke. 1897. *FC* 7: 14, 15.

(2) Brenan. 1968. *FWTA* 3: 26–29.

(3) Obermeyer & Faden. 1985. *FSA* 4: 56–59.

flavida C.B. Clarke

Annual. Herb, hydrophyte. Ht ?–0.1 m. Alt? N

glomerata (Willd. ex Schult. & Schult.f.) Hassk.

F. rivularis (A.Rich.) C.B. Clarke (2)

Perennial. Herb, helophyte. Ht 0.27–0.6 m. Alt 15–1525 m. N, B, LIM, NW, G, M, S, KZN, EC

leiothyrsa Brenan

Annual. Herb, helophyte. Ht ?–1 m. Alt? B

rivularis (A.Rich.) C.B. Clarke = **F. glomerata**

MURDANNIA Royle

0899010

(1) Clarke. 1897. *FC* 7: 7–15.

(2) Brenan. 1953. *Kew Bulletin* 8: 192.

(3) Obermeyer. 1985. *FSA* 4: 47.

simplex (Vahl) Brenan

M. sinicum (Ker Gawl.) G.Brückn. (2)

Perennial. Herb. Ht 0.3–0.6 m. Alt 15–1295 m. N, LIM, M, S, KZN

sinicum (Ker Gawl.) G.Brückn. = **M. simplex**

***TRADESCANTIA** L.

0911000

(1) Hunt. 1984. *European garden flora* 2: 30, 31.

(2) Obermeyer & Faden. 1985. *FSA* 4: 59, 60.

fluminensis Vell.

Perennial. Herb. Ht? Alt 40–1219 m. M, S, KZN

CYMODOCEACEAE

Compiled by R.P. Glen & C.D.K. Cook

CYMODOCEA Koenig

0060000

ciliata (Forssk.) Ehrenb. ex Asch. = **Thalassodendron ciliatum**

HALODULE Endl.

0061000

(1) Obermeyer. 1966. *FSA* 1: 76, 77.

(2) Den Hartog. 1970. *Verhandelingen der Koninklijke Nederlandse Akademie van Wetenschappen* 59: 146–160.

(3) Dahlgren *et al.* 1985. *The families of the monocotyledons*: 320–322.

uninervis (Forssk.) Asch.

Perennial. Herb, hydrophyte: rosulate. Ht 0.06–0.15 m. Alt 0–2 m. KZN

THALASSODENDRON Hartog

0060010

(1) Obermeyer. 1966. *FSA* 1: 73–76.

(2) Den Hartog. 1970. *Verhandelingen der Koninklijke Nederlandse Akademie van Wetenschappen* 59: 186–194.

ciliatum (Forssk.) Hartog

Cymodocea ciliata (Forssk.) Ehrenb. ex Asch. (2)

Perennial. Herb, hydrophyte: rosulate. Ht 0.1–0.3 m. Alt 0–2 m. KZN

CYPERACEAE

Compiled by C. Archer

- ABILDGAARDIA** Vahl 0471020
 (1) Gordon-Gray. 1966. *Journal of South African Botany* 32: 141–152.
 (2) Lye. 1971. *Mitteilungen der Botanischen Staatssammlung München* 10: 539–547.
 (3) Kral. 1971. *Sida* 4: 72.
 (4) Haines & Lye. 1983. *The sedges and rushes of East Africa*: 91–130 (incl. *Bulbostylis*).
 (5) Gordon-Gray. 1995. *Strelitzia* 2: 19, 20.
boeckeleriana (Schweinf.) Lye var. *boeckeleriana* = **Bulbostylis boeckeleriana**
burchellii (Ficalho & Hiern) Lye = **Bulbostylis burchellii**
collina (Ridl.) Lye = **Bulbostylis scabricaulis**
contexta (Nees) Lye = **Bulbostylis contexta**
densa (Wall.) Lye subsp. *afromontana* Lye = **Bulbostylis densa** subsp. *afromontana*
erratica (Hook.) Lye subsp. *schoenoides* (Kunth) Lye = **Bulbostylis schoenoides**
filamentosa (Vahl) Lye = **Bulbostylis filamentosa**
filamentosa (Vahl) Lye var. *holubii* (C.B. Clarke) Lye = **Bulbostylis scabricaulis**
hispidula (Vahl) Lye var. *pyriformis* Lye = **Bulbostylis hispidula** subsp. *pyriformis*
hygrophila (Gordon-Gray) Lye
Fimbristylis hygrophila Gordon-Gray (2)
 Perennial. Herb, cyperoid, helophyte. Ht 0.23–0.45 m. Alt 1–655 m. KZN, EC
*oritrephe*s (Ridl.) Lye = **Bulbostylis oritrephes
ovata (Burm.f.) Kral
Carex ovata Burm.f. (3)
Cyperus monostachyos L. (3)
Fimbristylis monostachya (L.) Hassk. (3)
 Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.1–0.5 m. Alt 10–2250 m. LIM, NW, G, M, S, FS, KZN, L, EC
parvinux (C.B. Clarke) Lye = **Bulbostylis parvinux**
pusilla (A. Rich.) Lye = **Bulbostylis pusilla**
schlechteri (C.B. Clarke) Lye = **Bulbostylis schlechteri**
scleropus (C.B. Clarke) Lye = **Bulbostylis scleropus**
trabeculata (C.B. Clarke) Lye = **Bulbostylis trabeculata**
triflora (L.) Abeyw.
A. tristachya Vahl, illegitimate name (4)
Cyperus triflorus L. (4)
Fimbristylis triflora (L.) K. Schum. (4)
Fimbristylis tristachya (Vahl) Thwaites (5)
 Perennial. Herb, cyperoid, helophyte or mesophyte. Ht up to 0.75 m. Alt 5–300 m. N, B, M, S, KZN
tristachya Vahl, illegitimate name = **A. triflora**
variegata (Gordon-Gray) Lye = **Fimbristylis variegata****
- ACRIULUS** Ridl. 0518000
greigiifolius Ridl. = **Scleria greigiifolia**
- ACROLEPIS** Schrad. 0464010
ramosissima (Kunth) Boeck. = **Ficinia ramosissima**
trichodes Schrad. = **Ficinia trichodes**
- ALINULA** J. Raynal 0459050
 (1) Goetghebeur & Vorster. 1988. *Bulletin du Jardin Botanique National de Belgique* 58: 457–465.
paradoxa (Cherm.) Goetgh. & Vorster
Cyperus subparadoxus Kük. (1)
Lipocarpa paradoxa Cherm. (1)
Mariscus paradoxus (Cherm.) Cherm. (1)
 Annual. Herb, cyperoid, mesophyte. Ht 0.05–0.25 m. Alt ± 80–± 1000 m. N, LIM, M, KZN
- ANOSPORUM** Nees 0459005
pectinatus (Vahl) Lye = **Cyperus pectinatus**
- ASCOLEPIS** Steud. 0454000
 (1) Clarke. 1898. *FC* 7: 266, 267.
 (2) Podlech. 1967. In Merxmüller, *FSWA* 165: 3, 4.
 (3) Goetghebeur. 1980. *Adansonia* sér. 2, 19: 269–305.
 (4) Lye. 1982. *Nordic Journal of Botany* 2: 561–566.
capensis (Kunth) Ridl.
Platylepis capensis Kunth (1)
 Perennial. Herb, cyperoid, helophyte. Ht 0.12–0.91 m. Alt 5–2200 m. LIM, NW, G, M, S, FS, KZN, L, EC
- pusilla** Ridl. var. **pusilla**
 Annual. Herb, cyperoid, mesophyte. Ht 0.03–0.1 m. Alt ?–± 1000 m. N
- ASTEROCHAETE** Nees 0480000
angustifolia Nees = **Carpha capitellata**
capitellata in sense of Levyns in part, not of Nees = **Carpha bracteosa**
capitellata Nees = **Carpha capitellata**
glomerata (Thunb.) Nees = **Carpha glomerata**
ludwigii Hochst. = **Carpha capitellata**
- AULACORHYNCHUS** Nees 0526000
crinifolius Nees = **Tetraria crinifolia**
- BOECKELERIA** T. Durand 0484000
nigrovaginata (Nees) Pfeiff. = **Tetraria nigrovaginata**
- BOLBOSCHOENUS** (Asch.) Palla 0468030
 (1) Goetghebeur & Simpson. 1991. *Kew Bulletin* 46: 169–178.
 (2) Smith. 1995. *Novon* 5: 97–102.
glaucus (Lam.) S.G.Sm.
Scirpus glaucus Lam. (2)
 Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.3–1.5 m. Alt 1–1200 m. N, B, LIM, NW, FS, KZN, NC
- maritimus** (L.) Palla
Scirpus maritimus L. (1)
 Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.45–1.75 m. Alt 0–640 m. G, NC, WC, EC
- nobilis** (Ridl.) Goetgh. & D.A. Simpson
Scirpus laeteflorens C.B. Clarke (1)
Scirpus maritimus L. var. *laeteflorens* (C.B. Clarke) Kük. (1)

- Scirpus maritimus* L. var. *nobilis* (Ridl.) C.B. Clarke (1)
Scirpus nobilis Ridl. (1)
 Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht up to 1.5 m. Alt ?–700 m. N
- BUEKIA** Nees, not of Giseke 0494040
punctoria (Vahl) Nees, illegitimate name = **Neesenbeckia punctoria**
- BULBOSTYLIS** Kunth 0471010
 (1) Clarke. 1898. *FC* 7: 204–210.
 (2) Clarke. 1902. *FTA* 8: 427–446.
 (3) Bodard. 1963. *Annals of the Faculty of Science, University of Dakar* 9: 77.
 (4) Gordon-Gray. 1971. *Mitteilungen der Botanischen Staatssammlung München* 10: 549–574.
 (5) Haines. 1983. In Haines & Lye, *The sedges and rushes of East Africa*, Appendix 3: 1, 2.
 (6) Goetghebeur & Coudijzer. 1985. *Bulletin du Jardin Botanique National de Belgique* 55: 207–259.
 (7) Burt. 1986. Cyperaceae. In Hilliard & Burt, *Notes from the Royal Botanic Garden Edinburgh* 43: 353–366.
 (8) Gordon-Gray. 1995. *Strelitzia* 2: 25–36, 209.
 (9) Archer. Personal communication.
- ***barbata** (Rottb.) C.B. Clarke
Scirpus barbatus Rottb. (3)
 Annual. Herb, cyperoid, mesophyte. Ht 0.05–0.25 m. Alt ?–400 m. S
- boeckeleriana** (Schweinf.) Beetle
Abildgaardia boeckeleriana (Schweinf.) Lye var. *boeckeleriana* (6)
B. cinnamomea in sense of C.B. Clarke in part, not of (Boeck.) C.B. Clarke (8)
Scirpus boeckelerianus Schweinf. (6)
 Perennial. Herb, cyperoid, mesophyte. Ht up to 1 m. Alt 25–1460 m. LIM, G, M, KZN
- breviculmis* Kunth = **B. humilis**
- burchellii** (Ficalho & Hiern) C.B. Clarke
Abildgaardia burchellii (Ficalho & Hiern) Lye (8)
Fimbristylis burchellii Ficalho & Hiern (1)
 Perennial. Herb, cyperoid, mesophyte. Ht up to 0.49 m. Alt 180–1830 m. N, B, LIM, NW, G, M, S, FS, KZN, EC
- capillaris* (L.) C.B. Clarke var. *trifida* in sense of authors, not of (Nees) C.B. Clarke = **B. densa** subsp. **afromontana**
- cardiocalpa* (Ridl.) C.B. Clarke var. *holubii* C.B. Clarke = **B. scabricalis**
- cinnamomea* in sense of C.B. Clarke in part, not of (Boeck.) C.B. Clarke = **B. boeckeleriana**
- collina* (Kunth) C.B. Clarke = **B. contexta**
- contexta** (Nees) M. Bodard
Abildgaardia contexta (Nees) Lye (8)
B. collina (Kunth) C.B. Clarke (3)
B. kirkii C.B. Clarke (4)
B. zeyheri C.B. Clarke (3)
Isolepis collina Kunth (3)
Trichelostylis contexta Nees (3)
 Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.29 m. Alt 5–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, WC, EC
- densa** (Wall.) Hand.-Mazz. subsp. **afromontana** (Lye) R.W. Haines
Abildgaardia densa (Wall.) Lye subsp. *afromontana* Lye (5)
B. capillaris (L.) C.B. Clarke var. *trifida* in sense of authors, not of (Nees) C.B. Clarke (8)
 Annual. Herb, cyperoid, mesophyte. Ht 0.06–0.25 m. Alt ?–2100 m. LIM, M, S, FS, KZN, L, EC
- filamentosa** (Vahl) C.B. Clarke
Abildgaardia filamentosa (Vahl) Lye (6)
B. metralis Cherm. (6)
Scirpus filamentosus Vahl (2)

- Perennial. Herb, cyperoid, mesophyte. Ht up to 0.46 m. Alt ?–± 1300 m. LIM
- hispidula** (Vahl) R.W. Haines subsp. **pyriformis** (Lye) R.W. Haines
Abildgaardia hispidula (Vahl) Lye var. *pyriformis* Lye (5)
Fimbristylis exilis in sense of authors, not of (Kunth) Roem. & Schult. (9)
Fimbristylis hispidula in sense of authors, not of (Vahl) Kunth (9)
Scirpus hispidulus in sense of authors, not of Vahl (9)
 Annual. Herb, cyperoid, mesophyte. Ht 0.06–0.49 m. Alt 10–1890 m. N, B, LIM, NW, G, M, S, FS, KZN, EC
- humilis** (Kunth) C.B. Clarke
B. breviculmis Kunth (4)
B. striatella C.B. Clarke (4)
Isolepis humilis Kunth (4)
 Annual. Herb, cyperoid, mesophyte. Ht 0.03–0.25 m. Alt 10–2955 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC
- kirkii* C.B. Clarke = **B. contexta**
- megastachys** (Ridl.) C.B. Clarke
Fimbristylis megastachys Ridl. (6)
 Perennial. Herb, cyperoid, mesophyte. Ht 0.4–0.6 m. Alt ?–± 1000 m. N
- melanocephala* in sense of authors, not of (Ridl.) C.B. Clarke = **B. pusilla**
- metralis* Cherm. = **B. filamentosa**
- moggii* Schönland & Turrill = **B. pusilla**
- mucronata** C.B. Clarke
 Annual. Herb, cyperoid, mesophyte. Ht 0.05–0.08 m. Alt ?–± 1000 m. N
- oritrephe**s (Ridl.) C.B. Clarke
*Abildgaardia oritrephe*s (Ridl.) Lye (6)
*B. oritrephe*s (Ridl.) C.B. Clarke subsp. *australis* B.L. Burt (8)
B. trichobasis in sense of C.B. Clarke in part, not of (Baker) C.B. Clarke (8)
*Fimbristylis oritrephe*s Ridl. (4)
 Perennial. Herb, cyperoid, mesophyte. Ht 0.05–0.45 m. Alt 200–2200 m. LIM, NW, G, M, S, FS, KZN, L, EC
- oritrephe*s (Ridl.) C.B. Clarke subsp. *australis* B.L. Burt = **B. oritrephe**s
- parva* (Ridl.) C.B. Clarke = **B. pusilla**
- parvinux** C.B. Clarke
Abildgaardia parvinux (C.B. Clarke) Lye (6)
 Perennial. Herb, cyperoid, mesophyte. Ht up to 0.6 m. Alt 60–110 m. KZN
- pusilla** (A. Rich.) C.B. Clarke
Abildgaardia pusilla (A. Rich.) Lye (6)
B. melanocephala in sense of authors, not of (Ridl.) C.B. Clarke (9)
B. moggii Schönland & Turrill (9)
B. parva (Ridl.) C.B. Clarke (6)
Fimbristylis pusilla A. Rich. (2)
 Annual. Herb, cyperoid, mesophyte. Ht 0.03–0.13 m. Alt ?–1070 m. N, LIM, NW, M, KZN
- scabricalis** Cherm.
Abildgaardia collina (Ridl.) Lye (6)
Abildgaardia filamentosa (Vahl) Lye var. *holubii* (C.B. Clarke) Lye (6)
B. cardiocalpa (Ridl.) C.B. Clarke var. *holubii* C.B. Clarke (4)
 Perennial. Herb, cyperoid, mesophyte. Ht up to 0.67 m. Alt ?–1370 m. NW, M, S
- schlechteri** C.B. Clarke
Abildgaardia schlechteri (C.B. Clarke) Lye (9)
 Perennial. Herb, cyperoid, mesophyte. Ht up to 0.34 m. Alt ?–1500 m. LIM, G, M
- schoenoides** (Kunth) C.B. Clarke
Abildgaardia erratica (Hook.) Lye subsp. *schoenoides* (Kunth) Lye (9)
Isolepis schoenoides Kunth (1)

- Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.15–0.4 m. Alt 100–2650 m. LIM, NW, G, M, KZN, L, EC
- scleropus** C.B.Clarke
Abildgaardia scleropus (C.B.Clarke) Lye (6)
Perennial. Herb, cyperoid, mesophyte. Ht 0.12–0.5 m. Alt 90–2135 m. LIM, G, M, KZN, L, EC
- striatella* C.B.Clarke = **B. humilis**
- trabeculata** C.B.Clarke
Abildgaardia trabeculata (C.B.Clarke) Lye (9)
Fimbristylis barbata Ridl. (2)
Annual. Herb, cyperoid, mesophyte. Ht up to 0.21 m. Alt ?–940 m. N, B
- trichobasis* in sense of C.B.Clarke in part, not of (Baker) C.B.Clarke = **B. oritrephes**
- zeyheri* C.B.Clarke = **B. contexta**
- CAPEOBOLUS** Browning 0482010
(1) Browning & Gordon-Gray. 1999. *South African Journal of Botany* 65: 218–222.
- brevicaulis** (C.B.Clarke) Browning
Costularia brevicaulis C.B.Clarke (1)
Tetraria brevicaulis C.B.Clarke, never published (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.07–0.2 m. Alt 100–1800 m. WC, EC
- CAREX** L. 0525000
(1) Clarke. 1898. *FC* 7: 299–310.
(2) Clarke. 1908. *Kew Bulletin* Add. Ser. 8: 74.
(3) Kükenthal. 1909. *Das Pflanzenreich* 38: 67–767.
(4) Nelmes. 1940. *Kew Bulletin* 1939: 157–159.
(5) Nelmes. 1941. *Kew Bulletin* 1940: 135–137; 160–162; 269–272.
(6) Nelmes. 1954. In Brenan, *Memoirs of the New York Botanical Garden* 9: 95–101.
(7) Nelmes. 1955. *Kew Bulletin* 11: 83–88.
(8) Podlech. 1961. *Mitteilungen der Botanischen Staatssammlung München* 4: 107–124.
(9) Raymond. 1964. *Le Naturaliste Canadien* 91: 126–132.
(10) Reid. 1991. *Systematics of the southern African species of Carex L. (Cyperaceae)*. Unpublished M.Sc. thesis.
(11) Gordon-Gray. 1995. *Strelitzia* 2: 36–43.
(12) Archer & Balkwill. 1997. *South African Journal of Botany* 63: 342–344.
(13) Turland. 1997. *Taxon* 46: 341–345.
- acocksii** C.Archer
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.46 m. Alt ?–1580 m. NC
- *acutiformis** Ehrh.
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.45–0.8 m. Alt ?–2440 m. NW, G, M, FS, KZN, L, WC, EC
- aethiopica** Schkuhr
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.4–1.2 m. Alt 3–750 m. WC, EC
- austro-africana** (Kük.) Raymond
C. cernua Boott var. *austro-africana* Kük. (9)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.25–0.6 m. Alt 610–2225 m. LIM, G, M, S, KZN, L, EC
- bisexualis* C.B.Clarke = **Schoenoxiphium ecklonii** var. **unisexualis**
- bolusii* C.B.Clarke = **Schoenoxiphium sparteum**
- buchananii* C.B.Clarke = **Schoenoxiphium rufum** var. **rufum**
- burchelliana** Boeck.
- Perennial. Herb, cyperoid, helophyte. Ht 0.35–0.45 m. Alt ?–1500 m. NW, NC
- cernua* Boott var. *austro-africana* Kük. = **C. austro-africana**
- clavata** Thunb.
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.4–1.7 m. Alt 5–610 m. WC, EC
- cognata** Kunth
C. cognata Kunth var. *drakensbergensis* (C.B.Clarke) Kük. (11)
C. drakensbergensis C.B.Clarke (11)
Perennial. Herb, cyperoid, helophyte. Ht 0.35–0.8 m. Alt 10–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC
- cognata* Kunth var. *drakensbergensis* (C.B.Clarke) Kük. = **C. cognata**
- condensata* C.B.Clarke, not of Nees = **C. zuluensis**
- consanguinea* Kunth = **C. divisa**
- *divisa** Huds.
C. consanguinea Kunth (10)
Perennial. Herb, cyperoid, helophyte. Ht 0.1–0.42 m. Alt 700–1450 m. FS, NC, WC, EC
- drakensbergensis* C.B.Clarke = **C. cognata**
- ecklonii** Nees
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.17–0.7 m. Alt 2–5 m. WC, EC
- esenbeckiana* Boeck. = **Schoenoxiphium lehmannii**
- esenbeckiana* Boeck. var. *elongata* Boeck. = **Schoenoxiphium sparteum**
- flava* in sense of C.B.Clarke, not of L. = **C. monotropa**
- glomerabilis** Krecz.
C. glomerata Thunb., illegitimate name (4)
C. leribensis Nelmes (10)
C. schlechteri Nelmes (11)
C. vulpina in sense of C.B.Clarke, not of L. (11)
Perennial. Herb, cyperoid, helophyte. Ht 0.1–0.7 m. Alt 5–3050 m. G, M, FS, KZN, L, WC, EC
- glomerata* Thunb., illegitimate name = **C. glomerabilis**
- huttoniana* Kük. = **C. zuluensis**
- killickii** Nelmes
Perennial. Herb, cyperoid, helophyte. Ht up to 0.14 m. Alt ?–3230 m. L
- lanceus* (Thunb.) Baill. = **Schoenoxiphium lanceum**
- leporina* in sense of authors, not of L. = **C. ovalis**
- leribensis* Nelmes = **C. glomerabilis**
- merxmulleri* Podlech = **C. zuluensis**
- monotropa** Nelmes
C. flava in sense of C.B.Clarke, not of L. (7)
Perennial. Herb, cyperoid, helophyte. Ht 0.02–0.06 m. Alt ?–3230 m. L, EC
- mossii** Nelmes
C. petitiata in sense of Kük., not of A.Rich. (4)
Perennial. Herb, cyperoid, helophyte. Ht 0.4–1.4 m. Alt 515–1550 m. LIM, M, KZN, EC
- *ovalis** Good.
C. leporina in sense of authors, not of L. (13)
Perennial. Herb, cyperoid, helophyte. Ht 0.3–0.6 m. Alt ?–1800 m. EC
- ovata* Burm.f. = **Abildgaardia ovata**
- petitiata* in sense of Kük., not of A.Rich. = **C. mossii**
- pubescens* Poir. = **Fuirena pubescens**

ramosa Nees, not of Schkuhr = **Schoenoxiphium lanceum**
schimperianum Boeck. = **Schoenoxiphium sparteum**
schlechteri Nelmes = **C. glomerabilis**

spartea Wahlenb. = **Schoenoxiphium sparteum**

spicato-paniculata C.B. Clarke

Perennial. Herb, cyperoid, mesophyte. Ht 1–1.4 m. Alt 345–2100 m. LIM, NW, M, S, FS, KZN, L

spicato-paniculata C.B. Clarke × **C. zuluensis** C.B. Clarke

Perennial. Herb, cyperoid, mesophyte. Ht ± 0.9–1 m. Alt 1770 ± 2000 m. M, KZN

subinflata Nelmes

Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.3–0.9 m. Alt ?–2865 m. KZN, L, EC

***sylvatica** Huds.

Perennial. Herb, cyperoid, mesophyte. Ht up to 0.5 m. Alt ?–1275 m. KZN, EC

uhligii C.B. Clarke = **Schoenoxiphium lehmannii**

vulpina in sense of C.B. Clarke, not of L. = **C. glomerabilis**

wahlenbergiana C.B. Clarke = **C. zuluensis**

zeyheri C.B. Clarke = **Schoenoxiphium ecklonii** var. **ecklonii**

zuluensis C.B. Clarke

C. condensata C.B. Clarke, not of Nees (2)

C. huttoniana Kük. (6)

C. merxmuelleri Podlech (10)

C. wahlenbergiana C.B. Clarke (2)

Perennial. Herb, cyperoid, mesophyte. Ht 0.8–1.2 m. Alt 115–1830 m. LIM, M, S, KZN, L, EC

CARPHA R.Br. 0480010

(1) Clarke. 1898. *FC* 7: 269–271.

(2) Clarke. 1904. In De Wildeman, *Plantae novae vel minus cognitae ex herbario Horti Thenensis* 1: 37.

(3) Kükenthal. 1939. *Feddes Repertorium* 47: 101–119.

(4) Levyns. 1950. In Adamson & Salter, *Flora of the Cape Peninsula*: 119.

(5) Reid & Arnold. 1984. *Bothalia* 15: 139–142.

(6) Archer. Personal communication.

bracteosa C.B. Clarke

Asterochaete capitellata in sense of Levyns in part, not of Nees (5)

C. capitellata (Nees) Boeck. var. *bracteosa* (C.B. Clarke) Kük. (6)

Ficinia trinkleriana Pfeiff. (3)

Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.25–0.6 m. Alt 305–1669 m. WC, EC

capensis (Steud.) Pfeiff. = **Trianoptiles capensis**

capitellata (Nees) Boeck.

Asterochaete angustifolia Nees (3)

Asterochaete capitellata Nees (3)

Asterochaete ludwigii Hochst. (3)

Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.3–0.45 m. Alt 155–1495 m. LIM, M, WC, EC

capitellata (Nees) Boeck. var. *bracteosa* (C.B. Clarke)

Kük. = **C. bracteosa**

filifolia Reid & T.H. Arnold

Perennial. Herb, cyperoid, helophyte. Ht up to 0.6 m. Alt ?–2440 m. M, FS, KZN, L

glomerata (Thunb.) Nees

Asterochaete glomerata (Thunb.) Nees (3)

Schoenus dactyloides Vahl (3)

Schoenus glomeratus Thunb., illegitimate name (3)

Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 1–3 m. Alt 20–1495 m. KZN, WC, EC

schlechteri C.B. Clarke

Perennial. Herb, cyperoid, helophyte. Ht up to 0.4 m. Alt ?–1370 m. WC

solitaria (C.B. Clarke) Pfeiff. = **Trianoptiles solitaria**

CHAETOSPORA R.Br. 0477020

burmannii (Vahl) Schrad. = **Tetraria burmannii**

capillacea (Thunb.) Nees = **Tetraria capillacea**

fimbriolata Nees = **Tetraria fimbriolata**

robusta Kunth = **Tetraria robusta**

CHAMAEXYPHIUM Hochst. 0465020

dregeanum Steud. = **Ficinia pygmaea**

CHRYSITRIX L. 0500000

(1) Clarke. 1898. *FC* 7: 292, 293.

(2) Clarke. 1900. *FC* 7: 760.

(3) Pfeiffer. 1930. *Feddes Repertorium* 28: 17–24.

(4) Arnold. 1979. *The Flowering Plants of Africa* 46: t. 1806.

capensis L. var. **capensis**

Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.5 m. Alt 215–1525 m. WC

capensis L. var. **subteres** C.B. Clarke

C. subteres (C.B. Clarke) Pfeiff. (3)

Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.5 m. Alt 460–1500 m. WC

dodii C.B. Clarke

Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.5 m. Alt 425–1340 m. WC

junciformis Nees

Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.5 m. Alt 350–1200 m. WC

subteres (C.B. Clarke) Pfeiff. = **C. capensis** var. **capensis**

CLADIUM P.Browne 0489000

(1) Kükenthal. 1942. *Feddes Repertorium* 51: 189.

jamaicense Crantz = **C. mariscus** subsp. **jamaicense**

mariscus in sense of C.B. Clarke, not of (L.) Pohl = **C. mariscus** subsp. **jamaicense**

mariscus (L.) Pohl subsp. **jamaicense** (Crantz) Kük.

C. jamaicense Crantz (1)

C. mariscus in sense of C.B. Clarke, not of (L.) Pohl (1)

Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 1–6 m. Alt 1–1400 m. N, B, LIM, NW, G, M, KZN, NC, WC, EC

COLEOCHLOA Gilly 0512000

(1) Nelmes. 1954. *Kew Bulletin* 1953: 373–381.

pallidior Nelmes

Perennial. Herb, cyperoid, mesophyte. Ht up to 0.4 m. Alt 520 ± 600 m. LIM

rehmanniana (C.B. Clarke) Gilly = **C. setifera**

setifera (Ridl.) Gilly

C. rehmanniana (C.B. Clarke) Gilly (1)

Eriospora rehmanniana C.B. Clarke (1)

Fintelmannia setifera Ridl. (1)

Perennial. Herb, cyperoid, mesophyte. Ht 0.25–0.6 m. Alt 215–2150 m. LIM, NW, G, M, S, KZN

COSTULARIA C.B. Clarke 0482000

(1) Clarke. 1898. *FC* 7: 274, 275.

(2) Kükenthal. 1939. *Feddes Repertorium* 46: 68, 69.

(3) Archer. Personal communication.

brevicaulis C.B. Clarke = **Capeobolus brevicaulis**

natalensis C.B. Clarke*Tetraria natalensis* (C.B. Clarke) Koyama (3)Perennial. Herb, cyperoid, mesophyte. Ht 0.6–1.75 m.
Alt 730–1980 m. LIM, M, S, KZN**COURTOISIA** Nees 0461000*assimilis* (Steud.) C.B. Clarke = **Courtoisina assimilis**
cyperoides (Roxb.) Nees = **Courtoisina cyperoides****COURTOISINA** Soják 0461050

- (1) Maquet. 1988. *Bulletin du Jardin Botanique National de Belgique* 58: 265.
- (2) Gordon-Gray. 1995. *Strelitzia* 2: 129, 209.
- (3) Archer. Personal communication.

assimilis (Steud.) Maquet*Courtoisina assimilis* (Steud.) C.B. Clarke (1)*Cyperus assimilis* Steud. (1)*Mariscus assimilis* (Steud.) Podlech (1)Annual. Herb, cyperoid, helophyte. Ht up to 0.4 m. Alt
960–1280 m. N, B, LIM, NW, FS**cyperoides** (Roxb.) Soják*Courtoisina cyperoides* (Roxb.) Nees (2)*Cyperus pseudokyllingioides* Kük. (2)*Cyperus pseudokyllingioides* Kük. var. *africanus* Kük. (2)*Kyllinga cyperoides* Roxb. (2)*Mariscus cyperoides* (Roxb.) A. Dietr. (2)*Mariscus cyperoides* (Roxb.) A. Dietr. subsp. *africanus* (Kük.) Podlech (2)*Pseudomariscus cyperoides* (Roxb.) Rauschert (3)Annual. Herb, cyperoid, helophyte. Ht up to 0.5 m. Alt
± 100–1300 m. N, B, LIM, G, M, S, KZN**CYATHOCOMA** Nees 0494020

- (1) Browning & Gordon-Gray. 1996. *South African Journal of Botany* 62: 250–257.
- (2) Archer *et al.* 1997. *South African Journal of Botany* 63: 167–171.

bachmannii (Kük.) C. Archer*Tetraria bachmannii* Kük. (2)*Tetraria thuaritii* in sense of C.B. Clarke, not of P. Beauv. var. *gracilior* C.B. Clarke (2)Perennial. Herb, cyperoid, helophyte. Ht 0.3–0.5 m. Alt
30–500 m. KZN, EC**ecklonii** Nees*Macrochaetium ecklonii* (Nees) Levyns (1)*Tetraria thuaritii* in sense of C.B. Clarke, not of P. Beauv. (1)Perennial. Herb, cyperoid, helophyte. Ht up to 1.2 m. Alt
180–1095 m. WC**hexandra** (Nees) Browning*Macrochaetium dregei* Steud. (1)*Macrochaetium hexandrum* (Nees) Pfeiff. (1)Perennial. Herb, cyperoid, helophyte. Ht up to 1.5 m. Alt
15–850 m. WC, EC*nigrovaginata* Nees = **Tetraria nigrovaginata****CYPERUS** L. 0459000

- (1) Clarke. 1898. *FC* 7: 161–197.
- (2) Clarke. 1901. *FTA* 8: 310–384.
- (3) Clarke. 1902. *FTA* 8: 385–402.
- (4) Kükenthal. 1922. *Feddes Repertorium* 18: 345, 346.
- (5) Chermeson. 1925. *Bulletin de la Société Botanique de France* 72: 168–174.
- (6) Kükenthal. 1931. *Feddes Repertorium* 29: 187–202.
- (7) Kükenthal. 1935. *Das Pflanzenreich* 101: 1–162.
- (8) Kükenthal. 1936. *Das Pflanzenreich* 101: 163–671.
- (9) Podlech. 1961. *Mitteilungen der Botanischen Staatssammlung München* 4: 107–124.
- (10) Napper. 1966. *Journal of the East African Natural History Society and National Museum* 26: 1–17.
- (11) Raynal. 1966. *Adansonia* sér. 2, 6: 581–588.
- (12) Podlech. 1967. In Merxmüller, *FSWA* 165: 7–18, 31–38.

- (13) Hooper. 1972. In Hooper & Napper, *FWTA* edn 2, Vol. 3, 2: 280–296.
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albiceps Ridl. = **Kyllinga albiceps****albostritatus** Schrad.Perennial. Herb, cyperoid, mesophyte. Ht 0.17–0.76 m.
Alt 5–2130 m. LIM, NW, G, M, S, KZN, L, EC**alopecuroides** Rottb.*Juncellus alopecuroides* (Rottb.) C.B. Clarke (13)Perennial. Herb, cyperoid, helophyte. Ht 0.6–1.8 m. Alt
?–900 m. B, LIM, S, KZN*alopecuroides* in sense of Thunb., not of Rottb. = **C. thunbergii***alternifolius* L. subsp. *flabelliformis* (Rottb.) Kük. = **C. involucratus****amabilis** Vahl*C. amabilis* Vahl var. *subacaulis* Kük. (27)Annual. Herb, cyperoid. Ht 0.05–0.25 m. Alt 715–1035
m. N, B, LIM, M, S*amabilis* Vahl var. *subacaulis* Kük. = **C. amabilis***amnicola* Kunth = **C. rupestris** var. *amnicola***angolensis** Boeck.Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.6 m. Alt
?–960 m. LIM*aristatus* Rottb., illegitimate name = **C. squarrosus***aristatus* Rottb. var. *atriceps* Kük., illegitimate name =
Mariscus aristatus var. *atriceps***articulatus** L.

Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.6–1.6 m. Alt 2–1065 m. N, B, LIM, M, S, KZN

assimilis Steud. = **Courtoisina assimilis***atribulbus* Kük. = **Pycneus atribulbus****bellus** Kunth*C. remotiflorus* Kük. (27)Perennial. Herb, cyperoid, mesophyte. Ht 0.04–0.06 m.
Alt 915–2000 m. N, B, NW, FS, NC, WC, EC*betschuanus* Boeck. = **Pycneus betschuanus****brevis** Boeck.*C. congestus* Vahl var. *brevis* (Boeck.) Kük. (27)*Mariscus congestus* (Vahl) C.B. Clarke var. *brevis* (Boeck.) C.B. Clarke (27)Perennial. Herb, cyperoid, helophyte or mesophyte. Ht
0.25–0.4 m. Alt 5–305 m. KZN, WC, EC*brunneo-vaginatus* Boeck. = **C. marginatus***bullatus* Kük. = **C. chersinus****capensis** (Steud.) Endl.*Kyllinga capensis* Steud. (8)*Mariscus capensis* (Steud.) Schrad. (8)

- Perennial. Herb, cyperoid, mesophyte. Ht 0.2–1 m. Alt 60–2100 m. LIM, NW, G, M, FS, KZN, NC, EC
- chersinus** (N.E.Br.) Kük.
C. bullatus Kük. (20)
Mariscus bullatus (Kük.) Podlech (20)
Mariscus chersinus N.E.Br. (27)
Perennial. Herb, cyperoid, mesophyte. Ht 0.5–1.12 m. Alt 60–1130 m. N, B, LIM, KZN, NC
- chrysanthus** Boeck. = **Pycreus chrysanthus**
- clavinus** C.B.Clarke
Perennial. Herb, cyperoid, mesophyte. Ht 0.03–0.1 m. Alt ?–± 1000 m. B
- compactus** Lam., not of Retz. = **C. obtusiflorus** var. **obtusiflorus**
- compressus** L.
Annual. Herb, cyperoid, mesophyte. Ht 0.1–0.6 m. Alt 5–1150 m. N, B, LIM, M, S, KZN
- congestus** Vahl
C. congestus Vahl var. *glanduliferus* (C.B.Clarke) Kük. (25)
C. congestus Vahl var. *grandiceps* Kük. (25)
C. congestus Vahl var. *pseudonatalensis* Kük. (25)
C. cooperi (C.B.Clarke) K.Schum. (25)
Mariscus congestus (Vahl) C.B.Clarke (27)
Mariscus congestus (Vahl) C.B.Clarke var. *glanduliferus* C.B.Clarke (25)
Mariscus congestus (Vahl) C.B.Clarke var. *grandiceps* (Kük.) Podlech (25)
Mariscus congestus (Vahl) C.B.Clarke var. *pseudonatalensis* (Kük.) Podlech (27)
Mariscus cooperi C.B.Clarke (25)
Perennial. Herb, cyperoid, helophyte. Ht 0.17–0.91 m. Alt 2–2425 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- congestus** Vahl var. *brevis* (Boeck.) Kük. = **C. brevis**
- congestus** Vahl var. *glanduliferus* (C.B.Clarke) Kük. = **C. congestus**
- congestus** Vahl var. *grandiceps* Kük. = **C. congestus**
- congestus** Vahl var. *pseudonatalensis* Kük. = **C. congestus**
- cooperi** (C.B.Clarke) K.Schum. = **C. congestus**
- crassipes** Vahl
C. maritimus Poir. (18)
Perennial. Herb, cyperoid, mesophyte. Ht 0.25–0.4 m. Alt 5–30 m. KZN
- crinitus** Poir. = **Ficinia crinita**
- cuspidatus** Kunth
C. uncinatus in sense of C.B.Clarke, not of Poir. (13)
Annual. Herb, cyperoid, mesophyte. Ht 0.05–0.25 m. Alt ?–1815 m. N, B, LIM, NW, G, M, S, KZN
- cyperoides** (L.) Kuntze subsp. **cyperoides**
Mariscus nossibeensis Steud. (25)
Mariscus sieberianus C.B.Clarke (25)
Mariscus sublimis C.B.Clarke (27)
Mariscus sumatrensis (Retz.) J.Raynal (21)
Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.91 m. Alt 5–1525 m. B, LIM, M, S, KZN, EC
- cyperoides** (L.) Kuntze subsp. **flavus** Lye
Mariscus cylindristachyus Steud. (21)
Mariscus umbellatus in sense of Podlech, not of (Rottb.) Vahl (27)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.6 m. Alt ± 700–± 1000 m. N, LIM
- cyperoides** (L.) Kuntze subsp. **pseudoflavus** (Kük.) Lye
C. macer (Kunth) K.Schum., not of C.B.Clarke (8)
C. macrocarpus (Kunth) Boeck. var. *pseudoflavus* Kük. (21)
Mariscus macer Kunth (21)
Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.7 m. Alt 200–1370 m. LIM, NW, G, M, S, KZN, EC
- deciduus** Boeck.
Mariscus deciduus (Boeck.) C.B.Clarke (8)
Perennial. Herb, cyperoid, helophyte. Ht 0.23–0.46 m. Alt ?–1675 m. N, B, LIM, G, M, S
- denudatus** L.f. var. **denudatus**
C. platycaulis in sense of authors, not of Baker (27)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.2–0.9 m. Alt 2–2200 m. N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC
- denudatus** L.f. var. *sphaerospermus* (Schrad.) Kük. = **C. sphaerospermus**
- dichroostachyus** A.Rich.
Perennial. Herb, cyperoid, mesophyte. Ht 0.25–0.7 m. Alt ?–1525 m. LIM, M
- difformis** L.
Annual. Herb, cyperoid, helophyte or mesophyte. Ht 0.05–0.8 m. Alt 2–1830 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC
- digitatus** Roxb. subsp. **auricomus** (Spreng.) Kük.
Perennial. Herb, cyperoid, helophyte. Ht 0.6–2 m. Alt 610–1130 m. N, B, LIM, NW, G, M, KZN
- distans** L.f.
Perennial. Herb, cyperoid, mesophyte. Ht 0.5–1.4 m. Alt 5–1370 m. B, LIM, M, KZN, EC
- dives** Delile
C. immensus C.B.Clarke (21)
Perennial. Herb, cyperoid, helophyte. Ht up to 1.82 m. Alt ?–1000 m. N, B, LIM, M, S, KZN, EC
- dubius** Rottb.
Mariscus dubius (Rottb.) C.E.C.Fisch. (8)
Perennial. Herb, cyperoid, mesophyte. Ht 0.04–0.4 m. Alt 5–1065 m. N, B, LIM, M, S, KZN, EC
- durus** Kunth
Mariscus durus (Kunth) C.B.Clarke (8)
Perennial. Herb, cyperoid, helophyte. Ht up to 0.53 m. Alt 5–335 m. WC, EC
- elegantulus** Steud. = **Pycreus niger** subsp. **elegantulus**
- elephantinus** (C.B.Clarke) Kük.
Mariscus elephantinus C.B.Clarke (8)
Perennial. Herb, cyperoid, helophyte. Ht up to 2.4 m. Alt ?–850 m. LIM, KZN
- *eragrostis** Lam.
C. vegetus Willd. (8)
Annual. Herb, cyperoid, helophyte. Ht 0.25–0.9 m. Alt 395–1800 m. LIM, NW, G, FS, KZN, NC
- esculentus** L. var. *cyclolepis* Kük. = **C. esculentus** var. **esculentus**
- esculentus** L. var. **esculentus**
C. esculentus L. var. *cyclolepis* Kük. (26)
C. esculentus L. var. *nervoso-striatus* (Turrill) Kük. (26)
C. nervoso-striatus Turrill (26)
Perennial. Herb, cyperoid, geophyte, mesophyte. Ht 0.12–1 m. Alt 5–2100 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- esculentus** L. var. *nervoso-striatus* (Turrill) Kük. = **C. esculentus** var. **esculentus**
- fastigiatus** Rottb.
Perennial. Herb, cyperoid, helophyte. Ht 0.6–2.59 m. Alt 5–1735 m. LIM, NW, G, M, FS, KZN, NC, WC, EC
- fenzelianus** K.Schum., not of Steud. = **C. rotundus** subsp. **tuberosus**

flavescens L. = **Pycreus flavescens**

fulgens C.B. Clarke var. **contractus** Kük.

C. usitatus Burch. subsp. *palmatus* Lye (27)

Perennial. Herb, cyperoid, geophyte, helophyte. Ht 0.1–0.3 m. Alt ± 350–1200 m. N, B, LIM, NW

fulgens C.B. Clarke var. **fulgens**

Perennial. Herb, cyperoid, geophyte, mesophyte. Ht up to 0.3 m. Alt ?–1400 m. N, B, LIM, NW, G, M, FS, NC

fuscescens Link (insufficiently known) (27)

globosus All. var. **nilagirica** (Steud.) C.B. Clarke = **Pycreus betschuanus**

haematocephalus C.B. Clarke

Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.4–0.6 m. Alt ?–1980 m. LIM, NW, G, M, FS, KZN, L, EC

hamulosus M. Bieb.

Mariscus hamulosus (M. Bieb.) S.S. Hooper (27)

Scirpus lugardii C.B. Clarke (11)

Annual. Herb, cyperoid, mesophyte. Ht 0.02–0.24 m. Alt ?–± 1000 m. N, B

hirsutus P.J. Bergius = **Fuirena hirsuta**

hirtus Thunb. = **Fimbristylis squarrosa**

holostigma Schweinf. = **C. schinzii**

imbricatus Retz.

C. radiatus Vahl (13)

Perennial. Herb, cyperoid, helophyte. Ht 0.3–1.2 m. Alt 180–915 m. N, B, LIM, S, KZN

immensus C.B. Clarke = **C. dives**

indecorus Kunth var. **decurvatus** (C.B. Clarke) Kük.

C. indecorus Kunth var. *dinteri* Kük. (27)

Mariscus indecorus (Kunth) Podlech var. *decurvatus* (C.B. Clarke) Podlech (27)

Mariscus rehmannianus C.B. Clarke (27)

Mariscus vestitus (Hochst.) C.B. Clarke var. ? *decurvata* C.B. Clarke (27)

Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.5 m. Alt 170–1450 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

indecorus Kunth var. **dinteri** Kük. = **C. indecorus** var. **decurvatus**

indecorus Kunth var. **indecorus**

Mariscus indecorus (Kunth) Podlech var. *indecorus* (27)

Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.3 m. Alt 145–1400 m. LIM, NW, M, KZN, EC

indecorus Kunth var. **inflatus** (C.B. Clarke) Kük.

Mariscus albomarginatus C.B. Clarke (8)

Mariscus indecorus (Kunth) Podlech var. *inflatus* (C.B. Clarke) Podlech (27)

Mariscus inflatus C.B. Clarke (8)

Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.45 m. Alt 215–1370 m. LIM, NW, G, M, S, FS, KZN, WC, EC

indecorus Kunth var. **namaquensis** Kük.

Mariscus indecorus (Kunth) Podlech var. *namaquensis* (Kük.) Podlech (27)

Perennial. Herb, cyperoid, mesophyte. Ht 0.11–0.3 m. Alt ± 500–1585 m. N, LIM, NW, M, FS, KZN, NC, WC, EC

intactus Vahl = **Pycreus intactus**

involutcratus Rottb.

C. alternifolius L. subsp. *flabelliformis* (Rottb.) Kük. (21)

Perennial. Herb, cyperoid, helophyte. Ht up to 1.75 m. Alt 10–30 m. KZN

iria L.

Annual. Herb, cyperoid, helophyte. Ht 0.35–0.4 m. Alt 305–1300 m. N, B, LIM, NW, G, S

isocladus Kunth = **C. prolifer**

keniensis Kük.

Mariscus keniensis (Kük.) S.S. Hooper (27)

Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.24–0.8 m. Alt 305–2100 m. LIM, M, S, KZN

kirkii C.B. Clarke

C. thorncroftii McClean (27)

Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.13 m. Alt 350–1220 m. LIM, NW, M, S

laevigatus L.

C. laevigatus L. var. *subaphyllus* (Boeck.) Kük. (27)

Juncellus laevigatus (L.) C.B. Clarke (13)

Perennial. Herb, cyperoid, helophyte. Ht 0.15–0.6 m. Alt 1–1435 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

laevigatus L. var. **subaphyllus** (Boeck.) Kük. = **C. laevigatus**

lapidicolus Kük. = **C. semitrifidus**

latifolius Poir.

C. latifolius Poir. var. *angustifolius* Hochst. (27)

C. latifolius Poir. var. *austro-africanus* Kük. (27)

Perennial. Herb, cyperoid, helophyte. Ht 0.3–0.9 m. Alt 5–1220 m. B, LIM, G, M, S, KZN, EC

latifolius Poir. var. **angustifolius** Hochst. = **C. latifolius**

latifolius Poir. var. **austro-africanus** Kük. = **C. latifolius**

leptocladus Kunth

C. prasinus Kunth (27)

C. smithii McClean (27)

Perennial. Herb, cyperoid, mesophyte. Ht 0.41–1.75 m. Alt 395–2035 m. LIM, NW, G, M, S, KZN

leucoloma Nees = **Isolepis leucoloma**

longus L. subsp. **tenuiflorus** (Rottb.) Kük. = **C. longus** var. **tenuiflorus**

longus L. var. **longus**

Perennial. Herb, cyperoid, helophyte. Ht 0.1–1.7 m. Alt 15–1800 m. M, KZN, EC

longus L. var. **tenuiflorus** (Rottb.) Boeck.

C. longus L. subsp. *tenuiflorus* (Rottb.) Kük. (27)

Perennial. Herb, cyperoid, helophyte. Ht 0.3–1.06 m. Alt 245–1340 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

macer (Kunth) K. Schum., not of C.B. Clarke = **C. cyperoides** subsp. **pseudoflavus**

macranthus Boeck. = **Pycreus macranthus**

macrocarpus (Kunth) Boeck.

Mariscus angularis Turrill (25)

Mariscus macrocarpus Kunth (8)

Perennial. Herb, cyperoid, mesophyte. Ht up to 0.7 m. Alt 5–30 m. S, KZN, EC

macrocarpus (Kunth) Boeck. var. **pseudoflavus** Kük. = **C. cyperoides** subsp. **pseudoflavus**

macrostachyos Lam. = **Pycreus macrostachyos**

maculatus Boeck.

Perennial. Herb, cyperoid, helophyte. Ht 0.14–0.6 m. Alt ?–1095 m. N, B, M

margaritaceus Vahl var. **margaritaceus**

C. pseudoniveus Boeck. (27)

Perennial. Herb, cyperoid, mesophyte. Ht 0.12–0.75 m. Alt 12–2100 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

marginatus Thunb.*C. brunneo-vaginatus* Boeck. (8)

Perennial. Herb, cyperoid, helophyte. Ht 0.3–1.52 m. Alt 5–2150 m. N, NW, G, M, S, FS, KZN, L, NC, EC

maritimus Poir. = **C. crassipes****marlothii** Boeck.*Mariscus marlothii* (Boeck.) C.B. Clarke (27)

Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.24 m. Alt ± 1000–1500 m. N, B, NW, FS, NC

meyerianus Kunth (insufficiently known) (28)*micromegas* Nees = **C. tenellus** var. **micromegas***minutus* Roth = **Isolepis marginata***monostachyos* L. = **Abildgaardia ovata***multiglumis* Turrill = **C. semitrifidus***muricatus* Kük. = **Pycreus muricatus****mwiniungensis** Podlech*C. mwiniungensis* Podlech var. *maior* Podlech (27)

Perennial. Herb, cyperoid, geophyte, helophyte. Ht 0.3–0.45 m. Alt ?–± 1000 m. B

mwiniungensis Podlech var. *maior* Podlech = **C. mwiniungensis****natalensis** Hochst.

Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 1–1.3 m. Alt 1–60 m. KZN

nervoso-striatus Turrill = **C. esculentus** var. **esculentus***nigricans* Steud. = **Pycreus nigricans***nitens* Vahl = **Pycreus pumilus***nitidus* Lam. = **Pycreus nitidus***niveus* Retz. var. *flavissimus* (Schrad.) Lye, never published = **C. obtusiflorus** var. **flavissimus***niveus* Retz. var. *leucocephalus* (Kunth) Fosberg = **C. obtusiflorus** var. **obtusiflorus***nudicaulis* Poir. = **C. pectinatus****obtusiflorus** Vahl var. **flavissimus** (Schrad.) Boeck.*C. niveus* Retz. var. *flavissimus* (Schrad.) Lye, never published (27)*C. obtusiflorus* Vahl var. *sphaerocephalus* (Vahl) Kük. (27)*C. sphaerocephalus* Vahl (27)

Perennial. Herb, cyperoid, mesophyte. Ht 0.04–0.45 m. Alt 300–2285 m. LIM, NW, G, M, S, FS, KZN, EC

obtusiflorus Vahl var. **obtusiflorus***C. compactus* Lam., not of Retz. (8)*C. niveus* Retz. var. *leucocephalus* (Kunth) Fosberg (27)

Perennial. Herb, cyperoid, mesophyte. Ht 0.07–0.45 m. Alt 5–1770 m. B, LIM, NW, G, M, S, KZN, L, EC

obtusiflorus Vahl var. *sphaerocephalus* (Vahl) Kük. = **C. obtusiflorus** var. **flavissimus****owanii** Boeck.*Mariscus owanii* (Boeck.) C.B. Clarke (8)

Perennial. Herb, cyperoid, mesophyte. Ht up to 2.8 m. Alt 700–1800 m. LIM, M, KZN, EC

papyrus L.

Perennial. Herb, cyperoid, emergent hydrophyte, occ. sudd hydrophyte. Ht 0.17–4.5 m. Alt 7–1000 m. N, B, LIM, M, KZN

parvinux C.B. Clarke = **C. rupestris** var. **parvinux****pectinatus** Vahl*Anosporum pectinatus* (Vahl) Lye (27)*C. nudicaulis* Poir. (18)

Perennial. Herb, cyperoid, emergent hydrophyte or sudd hydrophyte. Ht 0.25–0.6 m. Alt 1–1030 m. N, B, KZN

pelophilus Ridl. = **Pycreus pelophilus***permutatus* Boeck. = **Pycreus permutatus***platycaulis* in sense of authors, not of Baker = **C. denudatus** var. **denudatus***polystachyos* Rottb. = **Pycreus polystachyos** var. **polystachyos***prasinus* Kunth = **C. leptocladus****procerus** Rottb.*C. procerus* Rottb. var. *stenanthus* Kük. (13)

Perennial. Herb, cyperoid, helophyte. Ht 0.5–0.9 m. Alt ?–± 1000 m. N, LIM

procerus Rottb. var. *stenanthus* Kük. = **C. procerus****prolifer** Lam.*C. isocladus* Kunth (15)*C. prolifer* Lam. var. *isocladus* (Kunth) Kük. (28)

Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.3–1.2 m. Alt 5–455 m. KZN, EC

prolifer Lam. var. *isocladus* (Kunth) Kük. = **C. prolifer***pseudokyllingioides* Kük. = **Courtoisina cyperoides***pseudokyllingioides* Kük. var. *africanus* Kük. = **Courtoisina cyperoides****pseudoleptocladus** Kük.*C. pseudoleptocladus* Kük. var. *polycarpus* Kük. (27)

Perennial. Herb, cyperoid, mesophyte. Ht 0.3–1.52 m. Alt ?–2150 m. LIM, NW, M, S, KZN

pseudoleptocladus Kük. var. *polycarpus* Kük. = **C. pseudoleptocladus***pseudoniveus* Boeck. = **C. margaritaceus** var. **margaritaceus****pseudovestitus** (C.B. Clarke) Kük.*Mariscus pseudovestitus* C.B. Clarke (8)

Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.5 m. Alt 10–1480 m. N, LIM, M, S, KZN, EC

pulcher Thunb.

Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.3–0.76 m. Alt 365–1250 m. KZN, EC

pumilus L. = **Pycreus pumilus***pumilus* L. var. *patens* (Vahl) Kük. = **Pycreus pumilus***purpureus* Boeck. = **C. schinzii****pygmaeus** Rottb.

Annual. Herb, cyperoid, mesophyte. Ht 0.025–0.25 m. Alt 200–800 m. LIM, KZN

radiatus Vahl = **C. imbricatus****rehmii** Merxm. (insufficiently known) (27)*remotiflorus* Kük. = **C. bellus****rigidifolius** Steud.

Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.15–0.5 m. Alt 435–2200 m. G, M, S, FS, KZN, EC

rothianus Roem. & Schult., illegitimate name = **Isolepis marginata****rotundus** L. subsp. **rotundus**

Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.65 m. Alt 5–1370 m. N, B, LIM, NW, G, M, S, KZN, NC, WC, EC

rotundus L. subsp. *rotundus* var. *platystachys* C.B. Clarke = **C. rotundus** subsp. **tuberosus****rotundus** L. subsp. **tuberosus** (Rottb.) Kük.*C. fenzelianus* K. Schum., not of Steud. (8)*C. rotundus* L. subsp. *rotundus* var. *platystachys* C.B. Clarke (27)*C. rotundus* L. var. *tuberosus* (Rottb.) Kük. (8)

- Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.6 m. Alt? KZN
- rotundus* L. var. *tuberosus* (Rottb.) Kük. = **C. rotundus** subsp. **tuberosus**
- rubicundus** Vahl
C. teneriffae Poir. (18)
Annual, occ. perennial. Herb, cyperoid, mesophyte. Ht 0.02–0.2 m. Alt 60–1400 m. N, LIM, NW, G, M, S, KZN, EC
- rupestris** Kunth var. **amicola** (Kunth) Kük.
C. amnicola Kunth (8)
Perennial. Herb, cyperoid, mesophyte. Ht 0.05–0.15 m. Alt 50–300 m. KZN, EC
- rupestris** Kunth var. **parvinux** (C.B. Clarke) Kük.
C. parvinux C.B. Clarke (8)
Perennial. Herb, cyperoid, mesophyte. Ht 0.04–0.05 m. Alt 1340–1980 m. M, S, FS, KZN, L, EC
- rupestris** Kunth var. **rupestris**
Perennial. Herb, cyperoid, mesophyte. Ht 0.01–0.15 m. Alt 200–2375 m. LIM, NW, G, M, S, FS, KZN, L, NC, EC
- sartorii** Kük. (insufficiently known) (27)
- schinzii** Boeck.
C. holostigma Schweinf. (12)
C. purpureus Boeck. (27)
Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.15 m. Alt ?–± 1300 m. N, B, LIM, G, M
- schlechteri** C.B. Clarke
Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.3 m. Alt ?–2745 m. LIM, M, FS, KZN, L, EC
- semitrifidus** Schrad.
C. lapidicolus Kük. (25)
C. multiglumis Turrill (27)
C. semitridus Schrad. var. *multiglumis* (Turrill) Kük. (27)
Perennial. Herb, cyperoid, mesophyte. Ht 0.06–0.25 m. Alt 90–2700 m. LIM, NW, G, M, S, FS, KZN, L, EC
- semitrifidus* Schrad. var. *multiglumis* (Turrill) Kük. = **C. semitridus**
- sensilis** Baijnath
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht up to 1.2 m. Alt 5–50 m. KZN
- sexangularis** Nees
Perennial. Herb, cyperoid, helophyte, occ. emergent hydrophyte. Ht 0.3–1.5 m. Alt 15–1500 m. B, LIM, NW, G, M, S, KZN, NC, EC
- smithii* McClean = **C. leptocladus**
- solidus** Kunth
Mariscus drakensbergensis Vorster (27)
Mariscus involutus C.B. Clarke (27)
Mariscus solidus (Kunth) Vorster (27)
Perennial. Herb, cyperoid, mesophyte. Ht 0.36–2 m. Alt 30–1525 m. LIM, M, S, KZN, EC
- sphacelatus* Rottb. var. *tenuior* C.B. Clarke = **C. zollingeri**
- sphaerocephalus* Vahl = **C. obtusiflorus** var. **flavissimus**
- sphaerospermus** Schrad.
C. denudatus L.f. var. *sphaerospermus* (Schrad.) Kük. (25)
Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.9 m. Alt 1–1800 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC
- squarrosus** L.
C. aristatus Rottb., illegitimate name (21)
Mariscus squarrosus (L.) C.B. Clarke (21)
- Annual. Herb, cyperoid, mesophyte. Ht up to 0.32 m. Alt ± 100–1740 m. N, B, LIM, NW, G, M, FS, NC
- submacropus** Kük.
Mariscus macropus C.B. Clarke (8)
Perennial. Herb, cyperoid, mesophyte. Ht 0.26–0.6 m. Alt ?–± 1000 m. N
- subparadoxus* Kük. = **Alinula paradoxa**
- tabularis** Schrad.
Mariscus tabularis (Schrad.) C.B. Clarke (8)
Perennial. Herb, cyperoid, helophyte. Ht 0.07–0.32 m. Alt ?–450 m. WC, EC
- tenax** Boeck.
Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.65 m. Alt 15–1070 m. N, G, M, FS, KZN, EC
- tenellus* L.f. var. *gracilis* Nees = **C. tenellus** var. **tenellus**
- tenellus** L.f. var. **micromegas** (Nees) F. Muell.
C. micromegas Nees (8)
Annual. Herb, cyperoid, helophyte. Ht 0.07–0.1 m. Alt ?–30 m. WC
- tenellus** L.f. var. **tenellus**
C. tenellus L.f. var. *gracilis* Nees (8)
Annual. Herb, cyperoid, helophyte. Ht up to 0.1 m. Alt 100–1275 m. NC, WC, EC
- teneriffae* Poir. = **C. rubicundus**
- tenuispica** Steud.
Annual. Herb, cyperoid, helophyte. Ht 0.1–0.2 m. Alt ± 80–± 1000 m. N, B, LIM, M, S?, KZN
- textilis** Thunb.
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.6–1.2 m. Alt 5–1675 m. KZN, WC, EC
- thorncroftii* McClean = **C. kirkii**
- thunbergii** Vahl
C. alopecuroides in sense of Thunb., not of Rottb. (23)
Mariscus riparius Schrad. (23)
Mariscus riparius Schrad. var. *robustior* C.B. Clarke (23)
Mariscus thunbergii (Vahl) Schrad. (27)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.35–2 m. Alt 10–1400 m. WC, EC
- triflorus* L. = **Abildgaardia triflora**
- ×**turbatus** Baijnath
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.29–1.08 m. Alt ± 5–± 50 m. KZN
- turrillii** Kük.
Mariscus laxiflorus Turrill (8)
Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.95 m. Alt 915–1265 m. N, B, LIM, NW, G, FS
- uncinatus* in sense of C.B. Clarke, not of Poir. = **C. cuspidatus**
- unioloides* R.Br. = **Pycreus unioloides**
- usitatus** Burch.
C. usitatus Burch. var. *macrobulbus* Kük. (27)
Perennial. Herb, cyperoid, geophyte, mesophyte. Ht 0.05–0.45 m. Alt ± 1000–2225 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC
- usitatus* Burch. subsp. *palmatus* Lye = **C. fulgens** var. **contractus**
- usitatus* Burch. var. *macrobulbus* Kük. = **C. usitatus**
- vegetus* Willd. = **C. eragrostis**
- vestitus** Hochst.
Mariscus vestitus (Hochst.) C.B. Clarke (8)

- Perennial. Herb, cyperoid, mesophyte. Ht up to 0.41 m.
Alt 40–800 m. M, KZN
- vorsteri** K.L. Wilson
Mariscus grantii C.B. Clarke (24)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.9 m. Alt
5–1370 m. KZN, EC
- zollingeri** Steud.
C. sphacelatus Rottb. var. *tenuior* C.B. Clarke (13)
Annual. Herb, cyperoid, mesophyte. Ht 0.1–0.4 m. Alt
520–1030 m. B, LIM, KZN
- zollingerioides** C.B. Clarke (insufficiently known) (27)
- DECALEPIS** Boeck., not of 0484010
Wight & Arn.
- dregeana* Boeck. = **Tetraria nigrovaginata**
- ECKLONEA** Steud. 0475010
- capensis* Steud. = **Trianoptiles capensis**
solitaria C.B. Clarke = **Trianoptiles solitaria**
- ELEOCHARIS** R.Br. 0469000
- (1) Clarke. 1898. *FC* 7: 197–199.
(2) Clarke. 1900. *FC* 7: 758, 759.
(3) Svenson. 1929. *Rhodora* 31: 121–135; 152–164, t. 188; 167–191, tt. 189, 190; 199–219; 224–242, t. 191.
(4) Svenson. 1932. *Rhodora* 34: 193–203; 215–227, tt. 219–221.
(5) Svenson. 1934. *Rhodora* 36: 377–389; tt. 320, 321.
(6) Svenson. 1937. *Rhodora* 39: 210–231; 236–273, tt. 460–465.
(7) Svenson. 1939. *Rhodora* 41: 1–19; 43–77; 90–110; tt. 537–547.
(8) Podlech. 1967. In Merxmüller, *FSWA* 165: 18–20.
(9) Raynal. 1967. *Adansonia* sér. 2, 7: 316–318.
(10) Haines & Lye. 1983. *The sedges and rushes of East Africa*: 64–76.
(11) Browning *et al.* 1995. *Bothalia* 25: 238, 239.
(12) Gordon-Gray. 1995. *Strelitzia* 2: 76–81.
(13) Archer. 2000. In Goldblatt & Manning, *Strelitzia* 9: 84.
(14) Archer. Personal communication.
- acutangula** (Roxb.) Schult.
E. fistulosa Link (10)
Scirpus acutangulus Roxb. (10)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.42–1.82 m. Alt 8–1405 m. N, B, LIM, M, S, KZN, EC
- atropurpurea** (Retz.) J.Presl & C.Presl
Scirpus atropurpureus Retz. (10)
Annual. Herb, cyperoid, helophyte. Ht 0.05–0.13 m. Alt
10–1500 m. N, B, LIM, G, M, S, KZN
- caduca** (Delile) Schult.
E. intricata Kük. (10)
Scirpus caducus Delile (10)
Annual. Herb, cyperoid, helophyte. Ht 0.05–0.15 m. Alt
1–1000 m. B, NW, M, KZN, EC
- capitata* R.Br. = **E. geniculata**
caribaea (Rottb.) S.F.Blake = **E. geniculata**
- decoriglumis** Bérhaut
Annual. Herb, cyperoid, helophyte. Ht up to 0.45 m. Alt
?–± 1000 m. B
- dregeana** Steud.
E. palustris of authors, not of (L.) R.Br. (12)
Perennial. Herb, cyperoid, helophyte. Ht 0.1–0.5 m. Alt
?–2440 m. NW, G, M, S, FS, KZN, L, EC
- dulcis** (Burm.f.) Hensch.
Andropogon dulce Burm.f. (10)
E. plantaginea R.Br. (10)
Perennial. Herb, cyperoid, emergent hydrophyte. Ht 0.5–2.7
m. Alt 3–1000 m. B, KZN
- fistulosa* Link = **E. acutangula**
- geniculata** (L.) Roem. & Schult.
E. capitata R.Br. (10)
E. caribaea (Rottb.) S.F.Blake (10)
Scirpus geniculatus L. in part (10)
Annual. Herb, cyperoid, helophyte. Ht up to 0.15 m. Alt
?–1005 m. N, KZN
- intricata* Kük. = **E. caduca**
- lepta** C.B. Clarke (insufficiently known) (14)
Scirpus leptus (C.B. Clarke) Levyns (13)
- limosa** (Schrad.) Schult.
Scirpus limosus Schrad. (1)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.3–0.8 m. Alt 1–± 1890 m. N, B, LIM, NW, M, FS, KZN, L, NC, WC, EC
- marginulata** Steud.
Perennial. Herb, cyperoid, helophyte. Ht 0.2–0.6 m. Alt
?–± 1000 m. B
- mutata** (L.) Roem. & Schult.
Scirpus mutatus L. (10)
Perennial. Herb, cyperoid, helophyte. Ht 0.4–0.6 m. Alt
± 13 m. KZN
- naumanniana** Boeck.
Annual. Herb, cyperoid, emergent hydrophyte. Ht up to
0.45 m. Alt ?–± 1000 m. B
- onthitensis** H.E.Hess (insufficiently known) (14)
- palustris* of authors, not of (L.) R.Br. = **E. dregeana**
- plantaginea* R.Br. = **E. dulcis**
- pseudofistulosa** H.E.Hess (insufficiently known) (14)
- retroflexa** (Poir.) Urb. subsp. **subtilissima** (Nelmes) Lye
E. subtilissima Nelmes (10)
Annual. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.03–0.06 m. Alt ?–± 1000 m. B
- schlechteri** C.B. Clarke
E. seydeliana Podlech (13)
Perennial. Herb, cyperoid, helophyte. Ht 0.01–0.03 m. Alt
?–± 1000 m. N, WC
- seydeliana* Podlech = **E. schlechteri**
- subtilissima* Nelmes = **E. retroflexa** subsp. **subtilissima**
- variegata** (Poir.) C.Presl
Scirpus variegatus Poir. (10)
Perennial. Herb, cyperoid, helophyte. Ht 0.4–1.2 m. Alt
10–1005 m. N, B, LIM, KZN, EC
- ELEOGITON** Link 0468025
- digitatus* (Schrad.) Nees = **Isolepis digitata**
digitatus (Schrad.) Nees var. *dissolutus* Nees = **Isolepis digitata**
- fascicularis* Nees = **Isolepis fluitans** var. **fluitans**
longifolius Nees = **Isolepis digitata**
rubicundus Nees = **Isolepis rubicunda**
striatus Nees = **Isolepis striata**
tenuissimus Nees = **Isolepis tenuissima**
- ELYNANTHUS** T.Lestib. 0527000
- arenarius* (Schrad.) Nees = **Tetraria compar**
dregeanus Boeck. = **Epischoenus dregeanus**
ligulatus Boeck. = **Tetraria ligulata**

lorea Nees = **Tetraria cuspidata** var. *lorea*
pictus Boeck. = **Tetraria picta**
sylvaticus Nees = **Tetraria sylvatica**
ustulatus (L.) Nees = **Tetraria ustulata**
viscosus (Schrad.) Nees = **Tetraria compar**

EPISCHOENUS C.B. Clarke 0477010

- (1) Clarke. 1898. *FC* 7: 273, 274.
 (2) Levyns. 1947. *Journal of South African Botany* 13: 53–58.
 (3) Levyns. 1959. *Journal of South African Botany* 25: 69–82.

adnatus Levyns

Tetraria gracilis Turrill (3)

Perennial. Herb, cyperoid, helophyte. Ht 0.2–1.21 m. Alt 60–2100 m. WC, EC

cernuus Levyns

Perennial. Herb, cyperoid, helophyte. Ht up to 0.6 m. Alt 110–1220 m. WC

complanatus Levyns

Perennial. Herb, cyperoid, helophyte. Ht up to 0.38 m. Alt ?–1830 m. WC

dregeanus (Boeck.) Levyns

Elynanthus dregeanus Boeck. (3)

Schoenus dregeanus (Boeck.) Kuntze (1)

Tetraria dregeana (Boeck.) C.B. Clarke (3)

Perennial. Herb, cyperoid, helophyte. Ht 0.2–0.7 m. Alt ?–1525 m. WC

eriphorus Levyns = **E. lucidus**

gracilis Levyns

Perennial. Herb, cyperoid, helophyte. Ht 0.5–0.76 m. Alt 245–945 m. WC, EC

lucidus (C.B. Clarke) Levyns

E. eriphorus Levyns (3)

Tetraria lucida C.B. Clarke (2)

Perennial. Herb, cyperoid, helophyte. Ht up to 0.6 m. Alt ?–1670 m. WC

quadrangularis (Boeck.) C.B. Clarke

Schoenus quadrangularis Boeck. (3)

Perennial. Herb, cyperoid, helophyte. Ht up to 0.6 m. Alt 155–1675 m. WC, EC

villosus Levyns

Perennial. Herb, cyperoid, helophyte. Ht 0.4–0.45 m. Alt ?–610 m. WC

ERIOSPORA Hochst. 0512010

rehmanniana C.B. Clarke = **Coleochloa setifera**

FICINIA Schrad. 0465000

- (1) Clarke. 1898. *FC* 7: 235–260.
 (2) Clarke. 1900. *FC* 7: 759.
 (3) Clarke. 1908. *Kew Bulletin* Add. Ser. 8: 30, 31.
 (4) Druce. 1917. *Report of the Botanical Exchange Club of the British Isles* 1916, 4 suppl. 2: 623.
 (5) Pfeiffer. 1920. *Revision der Gattung Ficinia Schrad.*: 1–63.
 (6) Levyns. 1947. *Journal of South African Botany* 13: 65–71.
 (7) Levyns. 1950. In Adamson & Salter, *Flora of the Cape Peninsula*: 109–117.
 (8) Raynal. 1974. *Adansonia* sér. 2, 14: 199–214.
 (9) Arnold & Gordon-Gray. 1978. *Bothalia* 12: 405–420.
 (10) Arnold. 1979. *The Flowering Plants of Africa* 45: t. 1784.
 (11) Arnold. 1981. *Bothalia* 13: 439–441.
 (12) Burt. 1986. In Hilliard & Burt, *Notes from the Royal Botanic Garden Edinburgh* 43: 358.
 (13) Browning *et al.* 1995. *Bothalia* 25: 238, 239.
 (14) Gordon-Gray. 1995. *Strelitzia* 2: 81–89.
 (15) Goetghebeur *et al.* 2000. *Novon* 10: 132, 133.
 (16) Archer. 2000. In Goldblatt & Manning, *Strelitzia* 9: 81–92.
 (17) Archer. Personal communication.

acrostachys (Steud.) C.B. Clarke (insufficiently known) (17)
Scirpus acrostachys Steud. (1)

Perennial. Herb, cyperoid. Ht ± 0.2 m. Alt? WC

acuminata (Nees) Nees

F. elongata Boeck. (6)

F. involuta Nees (16)

Isolepis acuminata Nees (1)

Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.7 m. Alt 50–1740 m. WC, EC

albicans Nees

Isolepis tristachya (Rottb.) Roem. & Schult. var. *albicans* Nees (1)

Perennial. Herb, cyperoid, mesophyte. Ht 0.07–0.2 m. Alt 50–1220 m. WC

anceps Nees

Perennial. Herb, cyperoid, mesophyte. Ht 0.07–0.3 m. Alt 45–395 m. WC

angustifolia C.B. Clarke = **F. polystachya**

angustifolia (Schrad.) Levyns

F. longifolia (Nees) C.B. Clarke (6)

Hemichlaena angustifolia Schrad. (6)

Hemichlaena longifolia Nees (6)

Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.1–0.4 m. Alt 120–1735 m. M, WC, EC

antarctica (L.) Nees ex Kunth = **Isolepis diabolica**

aphylla Nees = **F. lateralis**

arenicola T.H. Arnold & Gordon-Gray var. **arenicola**

Perennial. Herb, cyperoid, mesophyte. Ht up to 0.3 m. Alt 2–120 m. EC

arenicola T.H. Arnold & Gordon-Gray var. **erecta**
 T.H. Arnold & Gordon-Gray

Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.35 m. Alt ± 120 ± 250 m. WC, EC

argyropa Nees

Perennial. Herb, cyperoid, mesophyte. Ht up to 0.15 m. Alt 1–1200 m. NC, WC

bergiana in sense of C.B. Clarke, not of Kunth = **F. crinita**

bergiana Kunth = **F. tristachya**

bracteata Boeck. = **F. nigrescens**

brevifolia Kunth

F. composita (Nees) Nees (8)

Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.4–0.76 m. Alt 60–1220 m. NC, WC

bulbosa (L.) Nees

Schoenus bulbosus L. (1)

Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.35 m. Alt 2–970 m. WC, EC

canaliculata Pfeiff. = **Hellmuthia membranacea**

capillaris in sense of Levyns, not of (Nees) Levyns = **F. crinita**

capillaris (Nees) Levyns = **F. filiformis**

capillifolia (Schrad.) C.B. Clarke

Hemichlaena capillifolia Schrad. (1)

Perennial. Herb, cyperoid, mesophyte. Ht? Alt? WC

capitella (Thunb.) Nees

F. setiformis Schrad. var. *capitellum* (Thunb.) C.B. Clarke (7)

Schoenus capitellum Thunb. (1)

Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.37 m. Alt 5–1800 m. WC

cedarbergensis T.H. Arnold & Gordon-Gray

Perennial. Herb, cyperoid, mesophyte. Ht up to 0.6 m. Alt 960–1060 m. WC

- cinnamomea** C.B. Clarke
Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.4 m. Alt ?–2380 m. KZN, EC
- compasbergensis** Drège
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.61 m. Alt 400–2285 m. NC, EC
- composita* (Nees) Nees = **F. brevifolia**
- contorta* (Kuntze) Pfeiff. = **F. stolonifera**
- crinita** (Poir.) B.L. Burtt
Cyperus crinitus Poir. (12)
F. bergiana in sense of C.B. Clarke, not of Kunth (8)
F. capillaris in sense of Levyns, not of (Nees) Levyns (8)
F. oligantha (Steud.) J. Raynal var. *crinita* (Poir.) J. Raynal (12)
Perennial. Herb, cyperoid, mesophyte. Ht? Alt? WC
- dasystachys** C.B. Clarke
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.35 m. Alt ± 400–610 m. KZN, EC
- deusta** (P.J. Bergius) Levyns
F. scariosa Nees (6)
F. trigyna (L.) Druce (6)
Schoenus deustus P.J. Bergius (6)
Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.7 m. Alt 15–1675 m. WC, EC
- dispar* (Spreng.) Fourc. = **F. secunda**
- distans** C.B. Clarke
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.8–0.9 m. Alt ?–15 m. WC
- dunensis** Levyns
Perennial. Herb, cyperoid, mesophyte. Ht 0.25–0.5 m. Alt 10–820 m. WC
- dura** Turill
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.3 m. Alt ?–100 m. WC
- ecklonea** (Steud.) Nees
Scirpus eckloneus Steud. (8)
Perennial. Herb, cyperoid, mesophyte. Ht 0.18–0.5 m. Alt 5–1000 m. WC
- elator** Levyns
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.75 m. Alt 15–395 m. WC
- elongata* Boeck. = **F. acuminata**
- fascicularis** Nees
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.15–0.5 m. Alt 5–1830 m. KZN, WC, EC
- fastigiata** (Thunb.) Nees
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.07 m. Alt 5–555 m. WC
- filiculmea** B.L. Burtt
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht up to 0.22 m. Alt ?–2740 m. KZN, L, EC
- filiformis** (Lam.) Schrad.
F. capillaris (Nees) Levyns (8)
F. tenuifolia Kunth (8)
Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.3 m. Alt 20–2000 m. WC
- filiformis* of authors in part, not of (Lam.) Schrad. = **F. oligantha**
- filiformis* of authors in part, not of (Lam.) Schrad. = **F. stolonifera**
- gracilis** Schrad.
F. undosa B.L. Burtt (14)
Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.45 m. Alt 30–2440 m. LIM, M, FS, KZN, L, EC
- grandiflora** T.H. Arnold & Gordon-Gray
Perennial. Herb, cyperoid, mesophyte. Ht 0.35–0.7 m. Alt 275–900 m. WC
- gydomontana** T.H. Arnold
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.4 m. Alt ?–1300 m. WC
- indica** (Lam.) Pfeiff.
F. setiformis Schrad. (7)
F. striata (Thunb.) Kunth (5)
Schoenus indicus Lam. (5)
Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.4 m. Alt 10–1525 m. NC, WC, EC
- involuta* Nees = **F. acuminata**
- ixioides** Nees subsp. **glabra** T.H. Arnold & Gordon-Gray
Perennial. Herb, cyperoid, mesophyte. Ht 0.25–0.3 m. Alt 155–1000 m. WC
- ixioides** Nees subsp. **ixioides**
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.3 m. Alt ?–1768 m. WC, EC
- laciniata** (Thunb.) Nees
Scirpus laciniatus Thunb. (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.25–0.27 m. Alt 5–305 m. KZN, EC
- laevis** (Vahl) Nees
Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.53 m. Alt ?–850 m. NC, WC
- lateralis** (Vahl) Kunth
F. aphylla Nees (7)
Schoenus lateralis Vahl (5)
Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.4 m. Alt 2–755 m. WC, EC
- latifolia** T.H. Arnold & Gordon-Gray
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.4 m. Alt ?–60 m. WC
- leiocarpa* Nees = **F. trispicata**
- levynsiae** T.H. Arnold & Gordon-Gray
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.45 m. Alt 750–1220 m. WC
- limosa* Levyns = **F. pygmaea**
- lithosperma* Boeck. = **F. pallens** var. **lithosperma**
- longifolia* (Nees) C.B. Clarke = **F. angustifolia**
- macowanii** C.B. Clarke (insufficiently known) (17)
Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.4 m. Alt? WC
- marginata* (Thunb.) Fourc. = **Isolepis marginata**
- micrantha** C.B. Clarke
Perennial. Herb, cyperoid, mesophyte. Ht 0.05–0.1 m. Alt 1050–1070 m. WC
- minutiflora** C.B. Clarke
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.25 m. Alt 30–915 m. WC
- monticola** Kunth
Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.3 m. Alt 150–2920 m. WC
- mucronata** C.B. Clarke
Perennial. Herb, cyperoid, mesophyte. Ht 0.05–0.15 m. Alt ?–1675 m. WC

nana B.L.Burtt = **F. stolonifera**

nigrescens (Schrad.) J.Raynal

F. bracteata Boeck. (8)

Melanocranis nigrescens Schrad. (8)

Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.6 m. Alt 15–2200 m. N, NC, WC, EC

nodosa (Rottb.) Goetgh., Muasya & D.A.Simpson

Scirpoides nodosus (Rottb.) Soják (15)

Scirpus nodosus Rottb. (15)

Perennial. Herb, cyperoid, helophyte. Ht 0.3–1.2 m. Alt 0–1500 m. KZN, NC, WC, EC

oligantha (Steud.) J.Raynal

F. filiformis of authors in part, not of (Lam.) Schrad. (8)

Scirpus oliganthus Steud. (8)

Perennial. Herb, cyperoid, mesophyte. Ht 0.05–0.2 m. Alt 60–1525 m. WC

oligantha (Steud.) J.Raynal var. *crinita* (Poir.) J.Raynal = **F. crinita**

pallens (Schrad.) Nees var. **lithosperma** (Boeck.) T.H.Arnold & Gordon-Gray

F. lithosperma Boeck. (9)

Perennial. Herb, cyperoid, mesophyte. Ht up to 0.2 m. Alt ?–25 m. WC

pallens (Schrad.) Nees var. **pallens**

Schoenus pallens Schrad. (9)

Perennial. Herb, cyperoid, mesophyte. Ht up to 0.2 m. Alt 50–275 m. WC

paradoxa (Schrad.) Nees

Isolepis paradoxa Schrad. (1)

Perennial. Herb, cyperoid, mesophyte. Ht 0.05–0.35 m. Alt 30–1830 m. WC

petrophila T.H.Arnold & Gordon-Gray

Perennial. Herb, cyperoid, mesophyte. Ht up to 0.4 m. Alt 915–1620 m. WC

pinguior C.B.Clarke

Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.5 m. Alt 25–700 m. WC

polystachya Levyns

F. angustifolia C.B.Clarke (6)

Hemichlaena fascicularis (Nees) Steud. (6)

Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.1–0.4 m. Alt 395–825 m. WC

praemorsa Nees

Perennial. Herb, cyperoid, mesophyte. Ht up to 0.4 m. Alt 15–600 m. WC

pulchella Kunth = **Schoenoplectus pulchellus**

pusilla C.B.Clarke = **F. stolonifera**

pygmaea Boeck.

Chamaexyphium dregeanum Steud. (9)

F. limosa Levyns (9)

Perennial. Herb, cyperoid, helophyte. Ht 0.02–0.12 m. Alt ?–60 m. WC

quinquangularis Boeck.

Perennial. Herb, cyperoid, mesophyte. Ht up to 0.3 m. Alt 260–1370 m. WC

radiata (L.f.) Kunth

Schoenus radiatus L.f. (1)

Sickmannia radiata (L.f.) Nees (1)

Perennial. Herb, cyperoid, mesophyte. Ht 0.04–0.2 m. Alt 305–1200 m. WC

ramosissima Kunth

Acrolepis ramosissima (Kunth) Boeck. (1)

Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.08–0.3 m. Alt 10–1525 m. WC, EC

repens (Nees) Kunth

Isolepis repens Nees (1)

Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.4 m. Alt 2–90 m. WC, EC

rigida Levyns

Perennial. Herb, cyperoid, mesophyte. Ht up to 0.36 m.

Alt ?–± 300 m. WC

scariosa Nees = **F. deusta**

secunda (Vahl) Kunth

F. dispar (Spreng.) Fourc. (8)

F. secunda (Vahl) Kunth var. *maxima* C.B.Clarke (17)

Pleurachne sieberi Schrad. (1)

Schoenus dispar Spreng. (1)

Schoenus secundus Vahl (1)

Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.5 m. Alt 5–685 m. WC

secunda (Vahl) Kunth var. *maxima* C.B.Clarke = **F. secunda**

setiformis Schrad. = **F. indica**

setiformis Schrad. var. *capitellum* (Thunb.) C.B.Clarke = **F. capitella**

stolonifera Boeck.

F. contorta (Kuntze) Pfeiff. (8)

F. filiformis of authors in part, not of (Lam.) Schrad. (8)

F. nana B.L.Burtt (14)

F. pusilla C.B.Clarke (16)

F. thyrsoides Pfeiff. (17)

Perennial. Herb, cyperoid, mesophyte. Ht 0.03–0.48 m. Alt 215–2440 m. LIM, G, M, S, FS, KZN, L, WC, EC

striata (Thunb.) Kunth = **F. indica**

sylvatica Kunth = **F. trispicata**

tenuifolia Kunth = **F. filiformis**

thyrsoides Pfeiff. = **F. stolonifera**

trichodes (Schrad.) Benth. & Hook.f.

Acrolepis trichodes Schrad. (1)

Perennial. Herb, cyperoid, mesophyte. Ht? Alt? WC

trigyna (L.) Druce = **F. deusta**

trinkleriana Pfeiff. = **Carpha bracteosa**

trispicata (L.f.) Druce

F. leiocarpa Nees (5)

F. sylvatica Kunth (4)

Scirpus trispicatus L.f. (4)

Perennial. Herb, cyperoid, helophyte. Ht 0.25–0.55 m. Alt 105–1070 m. WC, EC

tristachya (Rottb.) Nees

F. bergiana Kunth (6)

Scirpus tristachyos Rottb. (1)

Perennial. Herb, cyperoid, mesophyte. Ht up to 0.09 m. Alt 730–1370 m. WC, EC

truncata (Thunb.) Schrad.

Scirpus truncatus Thunb. (1)

Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.3 m. Alt 20–305 m. WC, EC

undosa B.L.Burtt = **F. gracilis**

zeyheri Boeck.

Perennial. Herb, cyperoid, mesophyte. Ht 0.12–0.4 m. Alt 100–1675 m. WC

FIMBRISTYLIS Vahl

0471000

(1) Clarke. 1898. *FC* 7: 199–204.

(2) Lye. 1971. *Mitteilungen der Botanischen Staatssammlung München* 10: 539–547.

- (3) Gordon-Gray. 1971. *Mitteilungen der Botanischen Staatssammlung München* 10: 549–574.
 (4) Gordon-Gray & Browning. 1994. *Flowering Plants of Africa* 53: t. 2091.
 (5) Gordon-Gray. 1995. *Strelitzia* 2: 89–96.
 (6) Lye. 1995. *Lidia* 3: 144.
 (7) Archer. Personal communication.

aphylla Steud.

Perennial. Herb, cyperoid, helophyte. Ht up to 1.2 m. Alt ?–15 m. KZN

 barbata Ridl. = **Bulbostylis trabeculata****bisumbellata** (Forssk.) Bubani

Scirpus bisumbellatus Forssk. (5)

Annual. Herb, cyperoid, helophyte. Ht 0.1–0.46 m. Alt ?–240 m. N, B, LIM, M, KZN, NC

bivalvis (Lam.) Lye

F. longiculmis Steud. (6)

Scirpus bivalvis Lam. (6)

Perennial. Herb, cyperoid, helophyte. Ht up to 1.35 m. Alt 1–35 m. KZN

 burchellii Ficalho & Hiern = **Bulbostylis burchellii****complanata** (Retz.) Link

Scirpus complanatus Retz. (4)

Perennial. Herb, cyperoid, helophyte. Ht 0.1–0.79 m. Alt 1–1830 m. N, B, LIM, NW, G, M, S, FS, KZN, EC

 cymosa R.Br. = **F. obtusifolia****dichotoma** (L.) Vahl

F. diphylla (Retz.) Vahl (5)

Scirpus dichotomus L. (5)

Scirpus diphyllus Retz. (5)

Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.28–1.26 m. Alt 10–1675 m. N, B, LIM, NW, G, M, S, FS, KZN, EC

 diphylla (Retz.) Vahl = **F. dichotoma****dregeana** Kunth

Perennial. Herb, cyperoid, helophyte. Ht up to 0.19 m. Alt ?–± 50 m. KZN, EC

exilis in sense of authors, not of (Kunth) Roem. & Schult. = **Bulbostylis hispidula** subsp. **pyriformis**

ferruginea (L.) Vahl

F. sieberiana Kunth (5)

Scirpus ferrugineus L. (5)

Perennial. Herb, cyperoid, helophyte. Ht 0.1–0.8 m. Alt 1–1365 m. N, B, LIM, NW, G, M, S, KZN, EC

hispidula in sense of authors, not of (Vahl) Kunth = **Bulbostylis hispidula** subsp. **pyriformis**

 hygrophila Gordon-Gray = **Abildgaardia hygrophila** *longiculmis* Steud. = **F. bivalvis** *ludwigii* Steud. = **Isolepis ludwigii** *megastachys* Ridl. = **Bulbostylis megastachys****microcarya** F.Muell.

Annual. Herb, cyperoid, helophyte. Ht up to 0.31 m. Alt ± 300–± 1000 m. N

 monostachya (L.) Hassk. = **Abildgaardia ovata****obtusifolia** (Lam.) Kunth

F. cymosa R.Br. (5)

Scirpus obtusifolius Lam. (5)

Trichostylis obtusifolia (Lam.) Nees (1)

Perennial. Herb, cyperoid, helophyte. Ht 0.67–0.9 m. Alt 1–60 m. B, KZN, EC

 oritrephes Ridl. = **Bulbostylis oritrephes** *pusilla* A.Rich. = **Bulbostylis pusilla** *sieberiana* Kunth = **F. ferruginea****squarrosa** Vahl

Cyperus hirtus Thunb. (7)

Annual. Herb, cyperoid, helophyte. Ht 0.1–0.33 m. Alt 15–1265 m. N, B, LIM, M, KZN, WC

 triflora (L.) K.Schum. = **Abildgaardia triflora** *tristachya* (Vahl) Thwaites = **Abildgaardia triflora****variegata** Gordon-Gray

Abildgaardia variegata (Gordon-Gray) Lye (5)

Perennial. Herb, cyperoid, helophyte. Ht up to 0.45 m. Alt ?–175 m. KZN, EC

FINTELMANNIA Kunth

0513000

 setifera Ridl. = **Coleochloa setifera****FUIRENA** Rottb.

0467000

(1) Clarke. 1898. *FC* 7: 260–265.

(2) Forbes. 1969. *Journal of South African Botany* 35: 83–98.

(3) Lye. 1974. *Botaniska Notiser* 127: 109–112.

(4) Raynal & Roessler. 1977. *Mitteilungen der Botanischen Staatssammlung, München* 13: 353–360.

(5) Lye. 1983. *Nordic Journal of Botany* 3: 241–244.

(6) Haines & Lye. 1983. *The sedges and rushes of East Africa*: 41–52.

(7) Forbes. 1984. *South African Journal of Botany* 3: 359–362.

(8) Forbes. 1986. *South African Journal of Botany* 52: 237–240.

(9) Forbes. 1987. *South African Journal of Botany* 53: 185.

(10) Forbes. 1997. *South African Journal of Botany* 63: 514–520.

(11) Archer. Personal communication.

angolensis (C.B.Clarke) Lye

F. ciliaris (L.) Roxb. var. *angolensis* (C.B.Clarke) Podlech (3)

F. glomerata in sense of authors, not of Lam. var. *angolensis* C.B.Clarke (6)

Annual. Herb, cyperoid, helophyte. Ht 0.05–0.6 m. Alt ?–± 1000 m. N

bullifera J.Raynal & Roessler

Annual. Herb, cyperoid, helophyte. Ht 0.2–0.5 m. Alt ?–1300 m. B, LIM

 chlorocarpa Ridl. = **F. stricta****ciliaris** (L.) Roxb.

F. glomerata in sense of authors, not of Lam. (6)

Scirpus ciliaris L. (6)

Annual. Herb, cyperoid, helophyte. Ht 0.15–0.75 m. Alt 6–940 m. N, B, LIM, M, S, KZN

ciliaris (L.) Roxb. var. *angolensis* (C.B.Clarke) Podlech = **F. angolensis**

coerulescens Steud.

F. nodis C.B.Clarke (10)

F. gracilis Kunth (10)

F. reticulata Kük. (10)

Perennial. Herb, cyperoid, helophyte. Ht 0.25–0.98 m. Alt 5–2425 m. N, G, M, FS, KZN, L, NC, WC, EC

ecklonii Nees

Perennial. Herb, cyperoid, helophyte. Ht 0.38–0.75 m. Alt 90–950 m. KZN, EC

 enodis C.B.Clarke = **F. coerulescens** *glabra* Kunth = **F. hirsuta**

glomerata in sense of authors, not of Lam. = **F. ciliaris**

glomerata in sense of authors, not of Lam. var. *angolensis* C.B.Clarke = **F. angolensis**

 gracilis Kunth = **F. coerulescens****hirsuta** (P.J.Bergius) P.L.Forbes

Cyperus hirsutus P.J.Bergius (2)

F. glabra Kunth (2)

F. hirta Vahl (2)

F. hottentotta (L.) Druce (2)

- Perennial. Herb, cyperoid, helophyte. Ht 0.45–1.09 m. Alt 15–1340 m. M, S, KZN, WC, EC
- hirta* Vahl = **F. hirsuta**
- hottentotta* (L.) Druce = **F. hirsuta**
- leptostachya** Oliv. forma **leptostachya**
Annual. Herb, cyperoid, helophyte. Ht 0.15–0.5 m. Alt ?–600 m. N, B, G
- leptostachya** Oliv. forma **nudiflora** Lye
F. leptostachya Oliv. var. *nudiflora* C.B. Clarke, never published (5)
Annual. Herb, cyperoid, helophyte. Ht 0.05–0.1 m. Alt 180–1080 m. B, LIM, M, S, KZN
- leptostachya* Oliv. var. *nudiflora* C.B. Clarke, never published = **F. leptostachya** forma **nudiflora**
- microlepis* in sense of C.B. Clarke, not of Kunth = **F. obcordata**
- nana* A. Rich. = **Lipocarpa nana**
- obcordata** P.L. Forbes
F. microlepis in sense of C.B. Clarke, not of Kunth (8)
Perennial. Herb, cyperoid, helophyte. Ht 0.5–1.4 m. Alt 50–1000 m. N, M, KZN
- pachyrrhiza** Ridl.
Perennial. Herb, cyperoid, helophyte. Ht up to 1 m. Alt 455–1370 m. B, LIM, M, S, KZN
- pubescens** (Poir.) Kunth
Carex pubescens Poir. (1)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.15–1 m. Alt 5–2195 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC
- reticulata* Kük. = **F. coerulescens**
- stricta** Steud.
F. chlorocarpa Ridl. (11)
Perennial. Herb, cyperoid, helophyte, occ. sudd hydrophyte. Ht 0.3–0.75 m. Alt 105–1670 m. N, B, LIM, NW, G, M, S, KZN
- tenuis** P.L. Forbes
Perennial. Herb, cyperoid, helophyte. Ht up to 0.16 m. Alt 1770–2425 m. L, EC
- umbellata** Rottb.
Perennial. Herb, cyperoid, helophyte. Ht 0.4–1.5 m. Alt 5–1280 m. N, B, KZN
- HELLMUTHIA** Steud. 0503010
(1) Haines & Lye. 1976. *Botaniska Notiser* 129: 61–67.
(2) Archer. Personal communication.
- membranacea** (Thunb.) R.W. Haines & Lye
Ficinia canaliculata Pfeiff. (2)
Scirpus membranaceus Thunb. (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.9 m. Alt 10–500 m. WC
- HEMICARPHA** Nees & Arn. 0453000
- isolepis* Nees = **Lipocarpa hemisphaerica**
- micrantha* (Vahl) Pax = **Lipocarpa micrantha**
- schraderi* Kunth, superfluous name = **Lipocarpa hemisphaerica**
- HEMICHLAENA** Schrad. 0464000
- angustifolia* Schrad. = **Ficinia angustifolia**
- capillifolia* Schrad. = **Ficinia capillifolia**
- fascicularis* (Nees) Steud. = **Ficinia polystachya**
- longifolia* Nees = **Ficinia angustifolia**
- HYPOPORUM** Nees 0515010
- pergracile* Nees = **Scleria pergracilis**
- ISOLEPIS** R.Br. 0468020
(1) Clarke. 1898. *FC* 7: 210–234 (as *Scirpus*).
(2) Levyns. 1944. *Journal of South African Botany* 10: 25–32.
(3) Raynal. 1968. *Adansonia* sér. 2, 8: 170.
(4) Raynal. 1974. *Adansonia* sér. 2, 14: 199–214.
(5) Raynal. 1976. *Adansonia* sér. 2, 16: 219–224.
(6) Raynal. 1977. *Adansonia* sér. 2, 17: 49–57.
(7) Burt. 1986. In Hilliard & Burt, *Notes from the Royal Botanic Garden Edinburgh* 43: 353–366.
(8) Gordon-Gray. 1995. *Strelitzia* 2: 206.
(9) Archer. 1998. *Bothalia* 28: 41–42.
(10) Muasya & Simpson. 2002. *Kew Bulletin* 57: 257–362.
(11) Archer. Personal communication.
- aciformis* (B. Nord.) J. Raynal = **I. hemiuncialis**
- acuminata* Nees = **Ficinia acuminata**
- angelica** B.L. Burt
Perennial. Herb, cyperoid, helophyte. Ht 0.03–0.07 m. Alt ?–3230 m. L, EC
- antarctica* (L.) Nees, illegitimate name = **I. diabolica**
- antarctica** (L.) Roem. & Schult.
I. bergiana (Spreng.) Schult. (10)
I. seslerioides Kunth (10)
Scirpus antarcticus L. in part (10)
Scirpus bergianus Spreng. (10)
Annual. Herb, cyperoid, helophyte. Ht up to 0.2 m. Alt 5–545 m. WC
- aquatilis* Kunth = **I. tenuissima**
- atro-purpurea* Nees, illegitimate name = **I. pusilla**
- bergiana* (Spreng.) Schult. = **I. antarctica**
- bicolor* Nees, illegitimate name = **I. venustula**
- brevicaulis** (Levyns) J. Raynal
Scirpus brevicaulis Levyns (6)
Scirpus burchellii C.B. Clarke (10)
Annual. Herb, cyperoid, helophyte. Ht 0.02–0.03 m. Alt 200–1220 m. N, NC, WC
- bulbifera** (Boeck.) Muasya
Scirpus bulbiferus Boeck. (10)
Scirpus delicatulus Levyns (10)
Perennial. Herb, cyperoid, emergent hydrophyte. Ht 0.05–0.14 m. Alt 0–± 20 m. WC
- capensis** Muasya
Scirpus dregeanus C.B. Clarke (11)
Annual or perennial. Herb, cyperoid, helophyte. Ht 0.02–0.06 m. Alt ?–1960 m. WC
- cartilaginea** R.Br. = **I. marginata**
- cernua** (Vahl) Roem. & Schult. var. **cernua**
I. chlorostachya Nees (10)
I. microcarpa Nees (10)
I. rupestris Kunth (10)
I. subprolifer Boeck. (10)
Scirpus cernuus Vahl (10)
Scirpus pictus Boeck. (10)
Annual. Herb, cyperoid, helophyte. Ht 0.07–0.2 m. Alt 3–1830 m. N, LIM, NW, G, M, FS, KZN, L, NC, WC, EC
- cernua** (Vahl) Roem. & Schult. var. **setiformis** (Benth.) Muasya
I. eckloniana Schrad., illegitimate name (10)
I. verrucosula (Steud.) Nees (10)
Scirpus verrucosulus Steud. (10)
Scirpus verrucosulus Steud. var. *pterycaryon* C.B. Clarke (10)

Annual. Herb, cyperoid, helophyte. Ht up to 0.05 m. Alt 100–720 m. NC, WC, EC

chlorostachya (Levyns) Soják, illegitimate name = **I. sepulcralis**

chlorostachya Nees = **I. cernua** var. **cernua**

chrysocarpa Nees = **I. marginata**

collina Kunth = **Bulbostylis contexta**

corymbosa Roem. & Schult., not of C.Presl = **Schoenoplectus corymbosus**

costata A.Rich.

I. costata A.Rich. var. *macra* (Boeck.) B.L.Burt (10)

Scirpus costatus (A.Rich.) Boeck. (10)

Scirpus costatus (A.Rich.) Boeck. var. *macer* (Boeck.) Cherm. (10)

Scirpus macer Boeck. (10)

Perennial. Herb, cyperoid, helophyte. Ht 0.1–0.65 m. Alt 230–2680 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

costata A.Rich. var. *macra* (Boeck.) B.L.Burt = **I. costata**

decipiens Nees = **Schoenoplectus decipiens**

diabolica (Steud.) Schrad.

Ficinia antarctica (L.) Nees ex Kunth (10)

I. antarctica (L.) Nees, illegitimate name (10)

Scirpus antarcticus L. in part (10)

Scirpus diabolicus Steud. (10)

Perennial. Herb, cyperoid, helophyte. Ht up to 0.36 m. Alt ± 40–± 2195 m. KZN, NC, WC, EC

digitata Schrad.

Eleogiton digitatus (Schrad.) Nees (10)

Eleogiton digitatus (Schrad.) Nees var. *dissolutus* Nees (10)

Eleogiton longifolius Nees (10)

I. dissoluta (Nees) Kunth (10)

I. dubia Kunth (10)

Scirpus digitatus (Schrad.) Boeck. (10)

Scirpus flaccifolius Steud. (2)

Perennial. Herb, cyperoid, emergent hydrophyte. Ht 0.15–0.5 m. Alt 245–1005 m. WC

dissoluta (Nees) Kunth = **I. digitata**

dregeana Kunth = **I. hystrix**

dubia Kunth = **I. digitata**

echinidium Nees = **I. incomtula**

eckloniana Schrad., illegitimate name = **I. cernua** var. **setiformis**

exilis Nees = **I. incomtula**

expallescens Kunth

Scirpus expallescens (Kunth.) Boeck. (10)

Perennial. Herb, cyperoid, helophyte. Ht up to 0.1 m. Alt ?–915 m. NC

fascicularis (Nees) Kunth = **I. fluitans** var. **fluitans**

ficinioides (Kunth) Steud. = **Scirpus ficinioides**

fluitans (L.) R.Br. var. **fluitans**

Eleogiton fascicularis Nees (10)

I. fascicularis (Nees) Kunth (10)

Scirpus fluitans L. (10)

Scirpus fluitans L. var. *fascicularis* (Nees) Boeck. (10)

Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.06–1.06 m. Alt 90–3050 m. LIM, G, M, S, FS, KZN, L, EC

hemiuncialis (C.B. Clarke) J.Raynal

I. aciformis (B.Nord.) J.Raynal (10)

Scirpus aciformis B.Nord. (10)

Scirpus hemiuncialis C.B. Clarke (6)

Annual. Herb, cyperoid, helophyte. Ht up to 0.07 m. Alt 910–2000 m. N, NC, WC

humilis Kunth = **Bulbostylis humilis**

hystrix Schrad., illegitimate name = **I. natans**

hystrix (Thunb.) Nees

I. dregeana Kunth (3)

Scirpus hystrix Thunb. (5)

Annual. Herb, cyperoid, helophyte. Ht up to 0.02 m. Alt 20–1645 m. WC

incomtula Nees

I. echinidium Nees (10)

I. exilis Nees (10)

I. kunthiana Steud. (10)

Scirpus incomtululus (Nees) Boeck. (10)

Annual. Herb, cyperoid, helophyte. Ht 0.02–0.05 m. Alt 15–730 m. WC

inconspicua (Levyns) J.Raynal

Scirpus inconspicuus Levyns (6)

Annual. Herb, cyperoid, helophyte. Ht 0.02–0.03 m. Alt ?–± 5 m. WC

inyangensis Muasya & Goetgh.

Perennial. Herb, cyperoid, helophyte. Ht 0.05–0.37 m. Alt 1500–2300 m. LIM, M, S, KZN

karroica (C.B. Clarke) J.Raynal

Scirpus karroicus C.B. Clarke (6)

Annual. Herb, cyperoid, helophyte. Ht up to 0.07 m. Alt 610–1290 m. N, NC, WC, EC

kunthiana Steud. = **I. incomtula**

leptostachya Kunth

Annual. Herb, cyperoid, helophyte. Ht up to 0.2 m. Alt? WC

leucoloma (Nees) C.Archer

Cyperus leucoloma Nees (9)

Annual. Herb, cyperoid, helophyte. Ht up to 0.01 m. Alt 150–1000 m. WC

ludwigii (Steud.) Kunth

Fimbristylis ludwigii Steud. (1)

I. tenuior Steud. (10)

Scirpus ludwigii (Steud.) Boeck. (10)

Trichelostylis ludwigii (Steud.) Nees (10)

Perennial. Herb, cyperoid, helophyte. Ht up to 0.07 m. Alt 120–1220 m. WC

marginata (Thunb.) A.Dietr.

Cyperus minutus Roth (1)

Cyperus rothianus Roem. & Schult., illegitimate name (1)

Ficinia marginata (Thunb.) Fourc. (4)

I. cartilaginea R.Br. (4)

I. chrysocarpa Nees (4)

I. phaeocarpa Nees (4)

I. plebeia Schrad. (4)

I. plebeia Schrad. var. *maior* Schrad. (4)

I. setacea Nees, illegitimate name (10)

I. sphaerocarpa Nees (10)

Scirpus antarcticus in sense of C.B. Clarke in part, not of L. (4)

Scirpus cartilagineus (R.Br.) Poir. (4)

Scirpus marginatus Thunb. (4)

Annual. Herb, cyperoid, helophyte or mesophyte. Ht 0.03–0.15 m. Alt 5–1200 m. NC, WC

microcarpa Nees = **I. cernua** var. **cernua**

minima Schrad. = **Lipocarpa hemisphaerica**

minuta (Turrill) J.Raynal

Scirpus minutus Turrill (6)

Annual. Herb, cyperoid, helophyte. Ht up to 0.03 m. Alt ?–± 500 m. WC

natans (Thunb.) A.Dietr.

I. hystrix Schrad., illegitimate name (10)

I. pallida Nees (10)

I. palustris Schrad. (10)

I. rivularis Schrad. (10)

Scirpus natans Thunb. (10)

Scirpus rivularis (Schrad.) Boeck. (6)

- Annual. Herb, cyperoid, helophyte. Ht 0.05–0.3 m. Alt 30–1525 m. M, KZN, WC, EC
- pallida* Nees = **I. natans**
- palustris* Schrad. = **I. natans**
- paradoxa* Schrad. = **Ficinia paradoxa**
- pellocolea** B.L.Burtt
Perennial. Herb, cyperoid, helophyte. Ht up to 0.75 m. Alt 2070–± 2380 m. KZN
- phaeocarpa* Nees = **I. marginata**
- plebeia* Schrad. = **I. marginata**
- plebeia* Schrad. var. *maior* Schrad. = **I. marginata**
- prolifera** (Rottb.) R.Br.
Scirpus prolifer Rottb. (10)
Perennial. Herb, cyperoid, helophyte. Ht 0.1–0.4 m. Alt 1–1500 m. KZN, WC, EC
- pusilla** Kunth
I. atro-purpurea Nees, illegitimate name (10)
I. tenuis (Spreng.) Schrad., illegitimate name (10)
Scirpus nanodes Levyns (6)
Scirpus tenuis Spreng., illegitimate name (10)
Perennial. Herb, cyperoid, helophyte. Ht up to 0.05 m. Alt ?–20 m. WC
- repens* Nees = **Ficinia repens**
- rivularis* Schrad. = **I. natans**
- robustula* Steud. = **I. striata**
- roylei* Nees = **Schoenoplectus roylei**
- rubicunda** (Nees) Kunth
Eleogiton rubicundus Nees (10)
Scirpus globiceps C.B. Clarke (2)
Scirpus rubicundus (Nees) Parl. (10)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht? Alt 1–750 m. WC
- rupestris* Kunth = **I. cernua** var. **cernua**
- schoenoides* Kunth = **Bulbostylis schoenoides**
- senegalensis* Steud. = **Schoenoplectus senegalensis**
- sepulcralis** Steud.
I. chlorostachya (Levyns) Soják, illegitimate name (10)
I. subtilis Kunth (10)
Scirpus cernuus Vahl var. *subtilis* (Kunth) C.B. Clarke (10)
Scirpus chlorostachyus Levyns (10)
Scirpus griquensium C.B. Clarke (6)
Annual. Herb, cyperoid, helophyte. Ht 0.08–0.17 m. Alt 5–2125 m. B, LIM, M, FS, KZN, L, NC, WC, EC
- seslerioides* Kunth = **I. antarctica**
- setacea** (L.) R.Br.
Scirpus setaceus L. (10)
Annual. Herb, cyperoid, helophyte. Ht 0.02–0.91 m. Alt ± 900–3200 m. N, NW, G, M, FS, KZN, L, NC, EC
- setacea* Nees, illegitimate name = **I. marginata**
- sororia** Kunth
Scirpus sororius (Kunth) C.B. Clarke (10)
Annual. Herb, cyperoid, helophyte. Ht up to 0.3 m. Alt 60–540 m. WC, EC
- sphaerocarpa* Nees = **I. marginata**
- striata** (Nees) Kunth
Eleogiton striatus Nees (1)
I. robustula Steud. (10)
Scirpus capillifolius Parl. (2)
Scirpus fluitans L. var. *robustus* Boeck. (10)
Scirpus striatus (Nees) Fourc. (10)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht up to 0.2 m. Alt 15–1250 m. NC, WC, EC

- subprolifer* Boeck. = **I. cernua** var. **cernua**
- subtilis* Kunth = **I. sepulcralis**
- tenuior* Steud. = **I. ludwigii**
- tenuis* (Spreng.) Schrad., illegitimate name = **I. pusilla**
- tenuissima** (Nees) Kunth
Eleogiton tenuissimus Nees (10)
I. aquatilis Kunth (10)
Scirpus tenuissimus (Nees) Boeck. (10)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.01–0.05 m. Alt 1–1430 m. KZN, NC, WC, EC
- thunbergii* Schrad. = **Scirpoides thunbergii**
- trachysperma** Nees
Scirpus trachyspermus (Nees) C.B. Clarke (10)
Annual. Herb, cyperoid. Ht 0.03–0.13 m. Alt 100–500 m. NC, WC
- tristachya* (Rottb.) Roem. & Schult. var. *albicans* Nees = **Ficinia albicans**
- venustula** Kunth
I. bicolor Nees, illegitimate name (10)
Scirpus venustus (Kunth) Boeck. (10)
Perennial. Herb, cyperoid, helophyte. Ht 0.05–0.15 m. Alt ?–5 m. WC
- verrucosula* (Steud.) Nees = **I. cernua** var. **setiformis**
- JUNCELLUS** C.B. Clarke 0459020
alopecuroides (Rottb.) C.B. Clarke = **Cyperus alopecuroides**
- laevigatus* (L.) C.B. Clarke = **Cyperus laevigatus**
- KOBRESIA** Willd. 0522000
basutorum (Turrill) Koyama = **Schoenoxiphium basutorum**
- buchananii* (C.B. Clarke) Koyama, invalid combination = **Schoenoxiphium rufum** var. **rufum**
- ecklonii* (Nees) Koyama var. *ecklonii* = **Schoenoxiphium ecklonii** var. **ecklonii**
- ecklonii* (Nees) Koyama var. *unisexualis* (Kük.) Koyama = **Schoenoxiphium ecklonii** var. **unisexualis**
- filiforme* (Kük.) Koyama = **Schoenoxiphium filiforme**
- kunthiana* (Kük.) Koyama var. *kunthiana* = **Schoenoxiphium kunthiana**
- sparteum**
- lancea* (Thunb.) Koyama = **Schoenoxiphium lanceum**
- lehmannii* (Nees) Koyama var. *lehmannii* = **Schoenoxiphium lehmannii**
- lehmannii* (Nees) Koyama var. *schimperiana* (Boeck.) Koyama = **Schoenoxiphium sparteum**
- rufa* (Nees) Koyama = **Schoenoxiphium rufum** var. **rufum**
- schweickerdtii* (Merxm. & Podlech) Koyama = **Schoenoxiphium schweickerdtii**
- sparteum* (Wahlenb.) Koyama = **Schoenoxiphium sparteum**
- thunbergii* (Nees) Koyama = **Schoenoxiphium ecklonii** var. **ecklonii**
- KYLLINGA** Rottb. 0462000
(1) Getliffe. 1983. *Journal of South African Botany* 49: 261–304.
(2) Archer. Personal communication.
- alata** Nees
K. alba Nees var. *alata* (Nees) C.B. Clarke (1)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.1–0.61 m. Alt 15–1950 m. N, LIM, NW, G, M, FS, KZN, L, WC, EC

alba Nees

Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.52 m. Alt 85–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

alba Nees var. *alata* (Nees) C.B. Clarke = **K. alata**

albiceps (Ridl.) Rendle

Cyperus albiceps Ridl. (1)
K. merxmuelleri Podlech (1)

Perennial. Herb, cyperoid, helophyte. Ht 0.45–0.8 m. Alt ?–± 1000 m. N, B

brevifolia Rottb.

Perennial. Herb, cyperoid, mesophyte. Ht 0.01–0.03 m. Alt ?–120 m. KZN, WC

capensis Steud. = **Cyperus capensis**

cylindrica Nees = **K. odorata**

cyperoides Roxb. = **Courtoisina cyperoides**

elatiior Kunth

Perennial. Herb, cyperoid, helophyte. Ht 0.25–0.87 m. Alt 5–620 m. KZN, EC

erecta Schumach. var. **erecta**

K. erecta Schumach. var. *intricata* C.B. Clarke, never published (2)
K. intricata Cherm. (2)

Perennial. Herb, cyperoid, helophyte. Ht 0.05–0.55 m. Alt 2–2200 m. B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

erecta Schumach. var. *intricata* C.B. Clarke, never published = **K. erecta** var. **erecta**

intricata Cherm. = **K. erecta** var. **erecta**

melanosperma Nees

Perennial. Herb, cyperoid, helophyte. Ht 0.17–1 m. Alt 5–1675 m. B, LIM, NW, G, M, S, KZN, EC

merxmuelleri Podlech = **K. albiceps**

microcephala Steud. = **Kyllingiella microcephala**

nemoralis (J.R.Forst. & G.Forst.) Hutch. & Dalziel

Thryocephalon nemorale J.R.Forst. & G.Forst. (1)

Perennial. Herb, cyperoid, helophyte. Ht 0.04–0.57 m. Alt 10–90 m. KZN

odorata Vahl

K. cylindrica Nees (1)

Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.5 m. Alt 45–1525 m. B, LIM, M, KZN, EC

pauciflora Ridl.

Perennial. Herb, cyperoid, helophyte. Ht 0.08–0.6 m. Alt ?–2010 m. LIM, M, FS, KZN, EC

polyphylla Kunth

Perennial. Herb, cyperoid, helophyte. Ht 0.3–0.64 m. Alt ?–± 100 m. KZN

pulchella Kunth

Perennial. Herb, cyperoid, helophyte. Ht 0.07–0.43 m. Alt 610–2450 m. NW, G, M, FS, KZN, L, NC, EC

triceps Rottb. var. *ciliata* Boeck. = **K. welwitschii**

welwitschii Ridl.

K. triceps Rottb. var. *ciliata* Boeck. (1)

Perennial. Herb, cyperoid, helophyte. Ht up to 0.25 m. Alt ?–± 1000 m. N

KYLLINGIELLA R.W.Haines & Lye 0468008

(1) Haines & Lye. 1978. *Botaniska Notiser* 131: 175–177.

microcephala (Steud.) R.W.Haines & Lye

Kyllinga microcephala Steud. (1)

Scirpus microcephalus (Steud.) Dandy (1)

Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.05–0.4 m. Alt 930–1400 m. N, B, LIM

LEPIDOSPERMA Labill. 0481000

triangulare Boeck. = **Tetraria triangularis**

LEPISIA C.Presl 0494050

ustulata (L.) C.Presl = **Tetraria ustulata**

LIPOCARPHA R.Br. 0452000

(1) Clarke. 1898. *FC* 7: 233, 265, 266.

(2) Raynal. 1977. *Adansonia* sér. 2, 17: 56.

(3) Goetghebeur & Van den Borre. 1989. *Wageningen Agricultural University Papers* 89-1: 1–87.

abietina Goetgh.

Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.45–0.8 m. Alt ?–940 m. B

argentea (Vahl) R.Br. = **L. chinensis**

chinensis (Osbeck) Kern

L. argentea (Vahl) R.Br. (3)

L. senegalensis (Lam.) T.Durand & H.Durand (3)

Scirpus chinensis Osb. (3)

Perennial. Herb, cyperoid, helophyte, occ. emergent hydrophyte. Ht 0.25–0.7 m. Alt 120–1525 m. N, B, LIM, NW, M, S, KZN

hemisphaerica (Roth) Goetgh.

Hemicarpha isolepis Nees (3)

Hemicarpha schraderi Kunth, superfluous name (3)

Isolepis minima Schrad. (3)

L. isolepis (Nees) R.W.Haines (3)

Scirpus hemisphaericus Roth (3)

Annual. Herb, cyperoid, helophyte. Ht 0.08–0.15 m. Alt ?–1400 m. N, B, FS

isolepis (Nees) R.W.Haines = **L. hemisphaerica**

micrantha (Vahl) G.C.Tucker

Hemicarpha micrantha (Vahl) Pax (3)

Scirpus micranthus Vahl (3)

Annual. Herb, cyperoid, helophyte. Ht 0.02–0.2 m. Alt ± 50–600 m. N, LIM, G, M, KZN

nana (A.Rich.) Cherm.

Fuirena nana A.Rich. (3)

L. pulcherrima Ridl. (3)

Annual. Herb, cyperoid, helophyte. Ht 0.01–0.4 m. Alt 610–2000 m. N, LIM, M, S, FS, KZN, L

paradoxa Cherm. = **Alinula paradoxa**

pulcherrima Ridl. = **L. nana**

rehmannii (Ridl.) Goetgh.

Rikliella rehmannii (Ridl.) J.Raynal (3)

Scirpus hystricoides B.Nord. (2)

Scirpus hystrix in sense of C.B. Clarke in part, not of Thunb. (3)

Scirpus rehmannii Ridl. (3)

Annual. Herb, cyperoid, helophyte. Ht 0.05–0.25 m. Alt 760–1675 m. N, B, LIM, G, M, KZN, L

senegalensis (Lam.) T.Durand & H.Durand = **L. chinensis**

MACROCHAETIUM Steud. 0494010

dregei Steud. = **Cyathocoma hexandra**

ecklonii (Nees) Levyns = **Cyathocoma ecklonii**

hexandrum (Nees) Pfeiff. = **Cyathocoma hexandra**

MARISCUS Vahl

0459030

- (1) Clarke. 1897. *FC* 7: 185–192.
 (2) Clarke. 1898. *FC* 7: 193–197.
 (3) Podlech. 1967. In Merxmüller, *FSWA* 165: 31–38.
 (4) Archer. Personal communication.

albomarginatus C.B.Clarke = **Cyperus indecorus** var. **inflatus**

angularis Turrill = **Cyperus macrocarpus**

aristatus (Rottb.) Cherm. var. **atriceps** (Kük.) Podlech
Cyperus aristatus Rottb. var. *atriceps* Kük., illegitimate name (4)
 Annual. Herb, cyperoid, mesophyte. Ht 0.04–0.27 m. Alt
 ?–1815 m. N, B, NW, M, FS, NC

assimilis (Steud.) Podlech = **Courtoisina assimilis**

bullatus (Kük.) Podlech = **Cyperus chersinus**

capensis (Steud.) Schrad. = **Cyperus capensis**

chersinus N.E.Br. = **Cyperus chersinus**

congestus (Vahl) C.B.Clarke = **Cyperus congestus**

congestus (Vahl) C.B.Clarke var. *brevis* (Boeck.) C.B.Clarke
 = **Cyperus brevis**

congestus (Vahl) C.B.Clarke var. *glanduliferus* C.B.Clarke
 = **Cyperus congestus**

congestus (Vahl) C.B.Clarke var. *grandiceps* (Kük.) Podlech
 = **Cyperus congestus**

congestus (Vahl) C.B.Clarke var. *pseudonatalensis* (Kük.)
 Podlech = **Cyperus congestus**

cooperi C.B.Clarke = **Cyperus congestus**

cylindristachyus Steud. = **Cyperus cyperoides** subsp. **flavus**

cyperoides (Roxb.) A.Dietr. = **Courtoisina cyperoides**

cyperoides (Roxb.) A.Dietr. subsp. *africanus* (Kük.) Podlech
 = **Courtoisina cyperoides**

deciduus (Boeck.) C.B.Clarke = **Cyperus deciduus**

drakensbergensis Vorster = **Cyperus solidus**

dregeanus Kunth

Perennial. Herb, cyperoid, mesophyte. Ht 0.19–0.6 m. Alt
 45–1713 m. N, LIM, NW, G, M, S, KZN, EC

dubius (Rottb.) C.E.C.Fisch. = **Cyperus dubius**

durus (Kunth) C.B.Clarke = **Cyperus durus**

elephantinus C.B.Clarke = **Cyperus elephantinus**

grantii C.B.Clarke = **Cyperus vorsteri**

hamulosus (M.Bieb.) S.S.Hooper = **Cyperus hamulosus**

indecorus (Kunth) Podlech var. *decurvatus* (C.B.Clarke)
 Podlech = **Cyperus indecorus** var. **decurvatus**

indecorus (Kunth) Podlech var. *indecorus* = **Cyperus indecorus** var. **indecorus**

indecorus (Kunth) Podlech var. *inflatus* (C.B.Clarke) Podlech
 = **Cyperus indecorus** var. **inflatus**

indecorus (Kunth) Podlech var. *namaquensis* (Kük.) Podlech
 = **Cyperus indecorus** var. **namaquensis**

inflatus C.B.Clarke = **Cyperus indecorus** var. **inflatus**

involutus C.B.Clarke = **Cyperus solidus**

keniensis (Kük.) S.S.Hooper = **Cyperus keniensis**

laxiflorus Turrill = **Cyperus turrilli**

macer Kunth = **Cyperus cyperoides** subsp. **pseudoflavus**

macrocarpus Kunth = **Cyperus macrocarpus**

macropus C.B.Clarke = **Cyperus submacropus**

marlothii (Boeck.) C.B.Clarke = **Cyperus marlothii**

nossibensis Steud. = **Cyperus cyperoides** subsp. **cyperoides**

owanii (Boeck.) C.B.Clarke = **Cyperus owanii**

paradoxus (Cherm.) Cherm. = **Alinula paradoxa**

pseudovestitus C.B.Clarke = **Cyperus pseudovestitus**

rehmannianus C.B.Clarke = **Cyperus indecorus** var. **decurvatus**

riparius Schrad. = **Cyperus thunbergii**

riparius Schrad. var. *robustior* C.B.Clarke = **Cyperus thunbergii**

sieberianus C.B.Clarke = **Cyperus cyperoides** subsp. **cyperoides**

solidus (Kunth) Vorster = **Cyperus solidus**

squarrosus (L.) C.B.Clarke = **Cyperus squarrosus**

sublimis C.B.Clarke = **Cyperus cyperoides** subsp. **cyperoides**

sumatrensis (Retz.) J.Raynal = **Cyperus cyperoides** subsp. **cyperoides**

tabularis (Schrad.) C.B.Clarke = **Cyperus tabularis**

thunbergii (Vahl) Schrad. = **Cyperus thunbergii**

uitenhagensis Steud.

Perennial. Herb, cyperoid, mesophyte. Ht up to 0.3 m.
 Alt 20–2000 m. LIM, NW, G, M, S, FS, KZN,
 L, WC, EC

umbellatus in sense of Podlech, not of (Rottb.) Vahl =
Cyperus cyperoides subsp. **flavus**

vestitus (Hochst.) C.B.Clarke = **Cyperus vestitus**

vestitus (Hochst.) C.B.Clarke var. ? *decurvata* C.B.Clarke
 = **Cyperus indecorus** var. **decurvatus**

MELANCRANIS Vahl

0465030

nigrescens Schrad. = **Ficinia nigrescens**

NEESENBECKIA Levyns

0494030

- (1) Clarke. 1898. *FC* 7: 290.

- (2) Levyns. 1947. *Journal of South African Botany* 13: 73–93.

punctoria (Vahl) Levyns

Buekia punctoria (Vahl) Nees, illegitimate name (1)

Schoenus punctorius Vahl (1)

Tetaria punctoria (Vahl) C.B.Clarke (2)

Perennial. Herb, graminoid, helophyte. Ht 1.5–2.4 m. Alt
 275–745 m. WC

OXYCARYUM Nees

0468005

- (1) Lye. 1971. *Botaniska Notiser* 124: 280–286.

cubense (Poepp. & Kunth) Lye

Scirpus cubensis Poepp. & Kunth (1)

Perennial. Herb, cyperoid, usually sudd hydrophyte.
 Ht? Alt ± 1–± 1000 m. N, B, KZN

PLATYLEPIS Kunth

0454020

capensis Kunth = **Ascolepis capensis**

PLEURACHNE Schrad.

0465040

sieberi Schrad. = **Ficinia secunda**

PSEUDOMARISCUS Rauschert

0461020

cyperoides (Roxb.) Rauschert = **Courtoisina cyperoides**

PSEUDOSCHOENUS (C.B.Clarke) Oteng-Yeb.

0468040

- (1) Oteng-Yeboah. 1974. *Notes from the Royal Botanic Garden Edinburgh* 33: 307–310.

inanis (Thunb.) Oteng-Yeb.*Schoenus inanis* Thunb. (1)*Scirpus inanis* (Thunb.) Steud. (1)*Scirpus spathaceus* Hochst. (1)

Perennial. Herb, cyperoid, helophyte. Ht 0.76–2.5 m. Alt 395–1525 m. N, FS, L, NC, WC, EC

PSILOCARYA Torr. 0472000*candida* Nees = **Rhynchospora candida****PTEROLEPIS** Schrad. 0468015*scirpoides* Schrad. = **Schoenoplectus scirpoides****PYCREUS** P.Beauv. 0459010(1) Clarke. 1898. *FC* 7: 155–161.(2) Clarke. 1902. *FTA* 8: 288–306.(3) Pfeiffer. 1930. *Feddes Repertorium* 28: 17–24.(4) Chermeson. 1938. *Bulletin de la Société Botanique de France* 85: 366.(5) Podlech. 1967. In Merxmüller, *FSWA* 165: 38–43.(6) Raynal. 1969. In Hooper & Raynal, *Kew Bulletin* 23: 313, 314.(7) Napper. 1971. *Journal of the East Africa Natural History Society and National Museum* 28 (124): 5, 6.(8) Hooper. 1972. In Hooper & Napper, *FWTA* edn 2 Vol. 3, 2: 298–303.(9) Raynal. 1977. *Adansonia* sér. 2, 17: 43–47.(10) Lye. 1981. *Nordic Journal of Botany* 1: 617–622.(11) Haines & Lye. 1983. *The sedges and rushes of East Africa*: 268–291 (as *Cyperus* subg. *Pycreus*).(12) Gordon-Gray. 1995. *Strelitzia* 2: 137–148.

(13) Archer. Personal communication.

aethiops C.B.Clarke

Perennial. Herb, cyperoid, helophyte, occ. sudd hydrophyte. Ht 0.2–0.4 m. Alt ?–± 1000 m. B

albomarginatus Nees = **P. macrostachyos***angulatus* Nees = **P. unioides****atribulbus** (Kük.) Napper*Cyperus atribulbus* Kük. (7)

Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.25–0.4 m. Alt ?–6 m. KZN

betschuanus (Boeck.) C.B.Clarke*Cyperus betschuanus* Boeck. (1)*Cyperus globosus* All. var. *nilagirica* (Steud.) C.B.Clarke (1)*P. globosus* in sense of Podlech, not of (All.) Rchb. (13)

Perennial. Herb, cyperoid, helophyte or mesophyte. Ht up to 0.22 m. Alt ?–1500 m. N, B?, NW, M, L, NC, EC

chorisanthus C.B.Clarke = **P. pelophilus****chrysanthus** (Boeck.) C.B.Clarke*Cyperus chrysanthus* Boeck. (1)

Perennial. Herb, cyperoid, helophyte. Ht up to 0.75 m. Alt 515–1800 m. N, B, LIM, NW, M, S, FS, KZN?, L, EC

cooperi C.B.Clarke

Perennial. Herb, cyperoid, helophyte. Ht 0.25–0.35 m. Alt ?–2010 m. LIM, M, S, KZN, L, EC

elegantulus (Steud.) C.B.Clarke = **P. niger** subsp. **elegantulus***ferrugineus* (Poir.) C.B.Clarke = **P. intactus****flavescens** (L.) Rchb.*Cyperus flavescens* L. (1)

Annual. Herb, cyperoid, helophyte. Ht 0.12–0.45 m. Alt 10–1525 m. N, B, LIM, NW, M, S

globosus in sense of Podlech, not of (All.) Rchb. = **P. betschuanus****intactus** (Vahl) J.Raynal*Cyperus intactus* Vahl (9)*P. ferrugineus* (Poir.) C.B.Clarke (9)

Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.3–0.65 m. Alt 60–1370 m. M, S, KZN, L, EC

lanceus Turrill = **P. nitidus****macranthus** (Boeck.) C.B.Clarke*Cyperus macranthus* Boeck. (1)

Perennial. Herb, cyperoid, helophyte. Ht 0.05–0.76 m. Alt 30–2500 m. N, LIM, NW, G, M, S, FS, KZN, L, EC

macrostachyos (Lam.) J.Raynal*Cyperus macrostachyos* Lam. (6)*P. albomarginatus* Nees (6)*P. tremulus* (Poir.) C.B.Clarke (8)

Annual. Herb, cyperoid, helophyte. Ht 0.45–1.21 m. Alt 45–1000 m. N, B, LIM, M, S, KZN

mundii Nees

Perennial. Herb, cyperoid, helophyte, occ. emergent hydrophyte or sudd hydrophyte. Ht 0.15–0.76 m. Alt 5–1890 m. B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

muricatus (Kük.) Napper*Cyperus muricatus* Kük. (7)

Perennial. Herb, cyperoid, helophyte. Ht up to 0.45 m. Alt 650–1800 m. LIM, M, S

niger (Ruiz & Pav.) Cufod. subsp. **elegantulus** (Steud.) Lye*Cyperus elegantulus* Steud. (1)*P. elegantulus* (Steud.) C.B.Clarke (10)

Perennial. Herb, cyperoid, helophyte. Ht 0.2–0.6 m. Alt 670–1675 m. LIM, M, KZN

nigricans (Steud.) C.B.Clarke*Cyperus nigricans* Steud. (2)

Perennial. Herb, cyperoid, helophyte. Ht up to 0.6 m. Alt 1050–2000 m. LIM, M, S, KZN

nitidus (Lam.) J.Raynal*Cyperus nitidus* Lam. (6)*P. lanceus* Turrill (6)*P. umbrosus* Nees (8)

Perennial. Herb, cyperoid, helophyte, occ. sudd hydrophyte. Ht 0.2–0.5 m. Alt 5–2120 m. B, LIM, NW, G, M, FS, KZN, WC, EC

oakfortensis C.B.Clarke = **Pycreus permutatus****okavangensis** Podlech

Annual, occ. perennial. Herb, cyperoid, helophyte. Ht 0.02–0.5 m. Alt 930–1000 m. N, B

pelophilus (Ridl.) C.B.Clarke*Cyperus pelophilus* Ridl. (2)*P. chorisanthus* C.B.Clarke (5)

Annual. Herb, cyperoid, helophyte or mesophyte. Ht 0.03–0.5 m. Alt 180–1062 m. N, B, LIM, M, S

permutatus (Boeck.) Napper*Cyperus permutatus* Boeck. (7)*P. oakfortensis* C.B.Clarke (13)

Perennial. Herb, cyperoid, helophyte. Ht 0.12–0.63 m. Alt 5–1370 m. LIM, M, S, KZN, EC

polystachyos (Rottb.) P.Beauv. var. **polystachyos***Cyperus polystachyos* Rottb. (1)

Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.15–1.1 m. Alt 2–1250 m. N, B, LIM, G, M, S, FS, KZN, WC, EC

pumilus (L.) Nees*Cyperus nitens* Vahl (11)*Cyperus pumilus* L. (8)*Cyperus pumilus* L. var. *patens* (Vahl) Kük. (8)

Annual. Herb, cyperoid, helophyte. Ht 0.05–0.3 m. Alt ?–1675 m. N, B, LIM, G, M, S, KZN

rehmannianus C.B. Clarke

Annual. Herb, cyperoid, helophyte. Ht 0.12–0.3 m. Alt 840–2020 m. LIM, M, KZN, L, EC

tremulus (Poir.) C.B. Clarke = **P. macrostachyos**

umbrosus Nees = **P. nitidus**

unioloides (R.Br.) Urb.

Cyperus unioloides R.Br. (5)
P. angulatus Nees (8)

Perennial. Herb, cyperoid, helophyte. Ht 0.35–0.7 m. Alt 25–1950 m. B, LIM, NW, G, M, S, KZN, L, EC

waillyi Cherm.

Annual. Herb, cyperoid, emergent hydrophyte. Ht? Alt ?–± 1000 m. B

RHYNCHOSPORA Vahl 0492000

- (1) Robinson. 1961. *Kirkia* 1: 32–43.
- (2) Raynal. 1967. Cyperaceae. In Raynal & Raynal, *Adansonia* sér. 2, 7: 316–328.
- (3) Hooper. 1972. In Hooper & Napper, *FWTA* edn 2, Vol. 3.2: 329–333.
- (4) Guaglianone. 1979. *Darwiniana* 22: 255–311.
- (5) Van Laren *et al.* 1989. *South African Journal of Botany* 55: 498–508.
- (6) Gordon-Gray. 1995. *Strelitzia* 2: 148–153.
- (7) Guaglianone. 2001. *Darwiniana* 39: 287–342.
- (8) Archer. Personal communication.

arechavaletae Boeck. = **R. holoschoenoides**

aurea Vahl = **R. corymbosa**

barrosiana Guagl.

Perennial. Herb, cyperoid, helophyte. Ht 0.3–1 m. Alt 1–1065 m. KZN, EC

brownii Roem. & Schult.

R. glauca in sense of authors, not of Vahl (1)
R. rugosa (Vahl) Gale (4)

Perennial. Herb, cyperoid, helophyte. Ht 0.5–1.3 m. Alt 5–1980 m. LIM, NW, G, M, S, KZN, L, WC, EC

candida (Nees) Boeck.

Psilocarya candida Nees (1)

Perennial. Herb, cyperoid, helophyte. Ht 0.2–0.5 m. Alt ?–± 1000 m. B

corymbosa (L.) Britton var. **corymbosa**

R. aurea Vahl (1)
Scirpus corymbosus L. (1)

Perennial. Herb, cyperoid, helophyte. Ht 1.5–1.8 m. Alt ?–± 1000 m. B

cyperoides (Sw.) Mart. = **R. holoschoenoides**

glauca in sense of authors, not of Vahl = **R. brownii**

gracillima Thwaites subsp. **subquadrata** (Cherm.) J. Raynal

R. subquadrata Cherm. (2)

Annual, occ. perennial. Herb, cyperoid, helophyte. Ht up to 0.7 m. Alt ?–50 m. S, KZN

holoschoenoides (Rich.) Herter

R. arechavaletae Boeck. (8)
R. cyperoides (Sw.) Mart. (2)
R. mauritii Steud. (3)
Schoenus holoschoenoides Rich. (3)

Perennial. Herb, cyperoid, helophyte. Ht 0.27–1.21 m. Alt 5–1030 m. N, B, KZN, EC

macrocarpa Boeck. = **R. spectabilis**

mauritii Steud. = **R. holoschoenoides**

nitida Spreng. = **Tetraria compar**

perrieri Cherm.

Annual, occ. perennial. Herb, cyperoid, helophyte. Ht up to 0.3 m. Alt 8–275 m. B, S, KZN

rubra (Lour.) Makino subsp. **africana** J. Raynal

Annual, occ. perennial. Herb, cyperoid, helophyte. Ht up to 0.34 m. Alt 2–50 m. B, KZN

rugosa (Vahl) Gale = **R. brownii**

spectabilis Hochst.

R. macrocarpa Boeck. (7)

Perennial. Herb, cyperoid, helophyte. Ht 1–1.8 m. Alt 4–275 m. KZN, EC

subquadrata Cherm. = **R. gracillima** subsp. **subquadrata**

RIKLIELLA J. Raynal 0454010

rehmannii (Ridl.) J. Raynal = **Lipocarpa rehmannii**

SCHOENOPLECTUS (Rchb.) Palla 0468010

- (1) Clarke. 1898. *FC* 7: 210–234 (as *Scirpus*).
- (2) Lye. 1971. *Botaniska Notiser* 124: 287–291.
- (3) Raynal. 1976. *Adansonia* sér. 2, 15: 537–542.
- (4) Raynal. 1976. *Adansonia* sér. 2, 16: 119–155.
- (5) Haines & Lye. 1983. *The sedges and rushes of East Africa*: 52–64.
- (6) Browning. 1991. *South African Journal of Botany* 57: 249–259, 335–343.
- (7) Browning. 1992. *South African Journal of Botany* 58: 530–532.
- (8) Browning *et al.* 1994. *South African Journal of Botany* 60: 169–174.
- (9) Browning *et al.* 1995. *South African Journal of Botany* 61: 39–42.

articulatus (L.) Palla

Scirpus articulatus L. (4)

Annual. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.2–1.2 m. Alt 40–980 m. N, B, M, S, KZN

brachyceras (A. Rich.) Lye

S. corymbosus (Roem. & Schult.) J. Raynal var. *brachyceras* (A. Rich.) Lye (7)

Scirpus brachyceras A. Rich. (7)

Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.5–1.6 m. Alt 850–2000 m. LIM, NW, G, M, S, FS, KZN, EC

brachyceras (A. Rich.) Lye × **S. decipiens** (Nees) J. Raynal

Perennial. Herb, cyperoid, helophyte. Ht 0.08–0.8 m. Alt ?–1800 m. M

confusus (N.E. Br.) Lye subsp. **natalitius** Browning

Perennial. Herb, cyperoid, helophyte. Ht up to 0.91 m. Alt 50–130 m. KZN

corymbosus (Roem. & Schult.) J. Raynal

Isolepis corymbosa Roem. & Schult., not of C. Presl (3)
Scirpus corymbosus Roth, illegitimate name (3)
Scirpus inclinatus (Barbey) Boiss. (3)

Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.45–2.8 m. Alt ± 300–1770 m. N, B, LIM, NW, G, M, FS, KZN, NC, WC

corymbosus (Roem. & Schult.) J. Raynal var. *brachyceras* (A. Rich.) Lye = **S. brachyceras**

decipiens (Nees) J. Raynal

Isolepis decipiens Nees (3)
Scirpus paludicola Kunth forma *decipiens* (Nees) C. B. Clarke (3)
Perennial. Herb, cyperoid, helophyte. Ht 0.25–0.9 m. Alt 30–2350 m. B, LIM, G, M, FS, KZN, L, WC, EC

erectus (Poir.) J. Raynal

Scirpus erectus Poir. (4)
Scirpus raynalii Schuyler (4)
Scirpus sinuatus Schuyler (4)

Annual. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.1–0.65 m. Alt 1–1345 m. N, B, LIM, KZN, NC

lacustris in sense of authors, not of (L.) Palla = **S. tabernaemontani**

- lateriflorus** (J.F.Gmel.) Lye
Scirpus lateriflorus J.F.Gmel. (4)
Annual. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.1–0.35 m. Alt ?–± 1000 m. N, B
- leucanthus** (Boeck.) J.Raynal
Scirpus leucanthus Boeck. (4)
Scirpus supinus in sense of authors, not of L. var. *leucosperma* C.B.Clarke (4)
Annual. Herb, cyperoid, helophyte. Ht 0.03–0.3 m. Alt ?–1345 m. N, LIM, M, FS, NC
- litoralis* in sense of authors, not of (Schrad.) Palla = **S. scirpoideus**
- muricinix** (C.B.Clarke) J.Raynal
Scirpus muricinix C.B.Clarke (3)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.17–0.5 m. Alt 520–1520 m. N, B, LIM, NW, G, M, S, FS, KZN, NC
- muriculatus** (Kük.) Browning
Scirpus muriculatus Kük. (6)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.18–0.9 m. Alt 860–2140 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, EC
- paludicola** (Kunth) J.Raynal
Scirpus paludicola Kunth (3)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.35–0.91 m. Alt 60–1524 m. M, KZN, WC, EC
- praelongatus* (Poir.) J.Raynal = **S. senegalensis**
- pulchellus** (Kunth) J.Raynal
Ficinia pulchella Kunth (3)
Scirpus pulchellus (Kunth) Boeck. (3)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht up to 0.3 m. Alt ?–1800 m. LIM, G, M, FS, KZN, L, NC
- roylei** (Nees) Ovcz. & Czukav.
Isolepis roylei Nees (4)
Scirpus roylei (Nees) R.Parker (4)
Annual. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.13–0.4 m. Alt ?–± 1000 m. N, B
- scirpoideus** (Schrad.) Browning
Pterolepis scirpoides Schrad. (8)
S. litoralis in sense of authors, not of (Schrad.) Palla (8)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 1–2 m. Alt 1–1600 m. N, B, LIM, KZN, NC, WC, EC
- senegalensis** (Steud.) J.Raynal
Isolepis senegalensis Steud. (4)
S. praelongatus (Poir.) J.Raynal (5)
Scirpus jacobi C.E.C.Fisch. (4)
Scirpus praelongatus Poir. (5)
Annual. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.15–0.6 m. Alt 215–1050 m. N, B, LIM, M, S, FS, KZN
- subulatus** (Vahl) Lye
Scirpus subulatus Vahl (8)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 1–2 m. Alt 200–± 1000 m. N
- *tabernaemontani** (C.C.Gmel.) Palla
S. lacustris in sense of authors, not of (L.) Palla (9)
Scirpus tabernaemontani C.C.Gmel. (9)
Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.8–2 m. Alt ± 600–1700 m. N, LIM, G, FS, L, NC, EC
- *triqueter** (L.) Palla
Scirpus triqueter L. (2)

Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht up to 1.52 m. Alt 1–1525 m. NW, M, FS, WC, EC

SCHOENOXIPHIMUM Nees 0521000

- (1) Clarke. 1898. *FC* 7: 297–299.
(2) Kükenthal. 1909. *Das Pflanzenreich* 38: 28–33.
(3) Kukkonen. 1983. *Bothalia* 14: 819–823.
(4) Kukkonen. 1986. In Hilliard & Burtt, *Notes from the Royal Botanic Garden Edinburgh* 43: 364–366.
- Note: in most cases altitude and distribution cannot be determined because of older PRE accessions being on loan.
- altum** Kukkonen
Perennial. Herb, cyperoid, mesophyte. Ht 0.5–0.75 m. Alt 180–360 m. WC
- basutorum** Turrill
Kobresia basutorum (Turrill) Koyama (3)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.51 m. Alt ?–± 1600 m. FS, L
- bracteosum** Kukkonen
Perennial. Herb, cyperoid, mesophyte. Ht 0.4–0.9 m. Alt ?–2740 m. KZN, L, EC
- buchananii* C.B.Clarke = **S. rufum** var. **rufum**
- burkei* C.B.Clarke = **S. rufum** var. **dregeanum**
- burtii** Kukkonen
Perennial. Herb, cyperoid, mesophyte. Ht up to 1.2 m. Alt ?–2045 m. KZN
- capense* Nees = **S. lanceum**
- caricoides* C.B.Clarke, illegitimate name = **S. sparteum**
- distinctum** Kukkonen
Perennial. Herb, cyperoid, mesophyte. Ht 0.12–0.17 m. Alt ?–2985 m. KZN, L
- dregeanum* Kunth = **S. rufum** var. **dregeanum**
- ecklonii** Nees var. **ecklonii**
Carex zeyheri C.B.Clarke (2)
Kobresia ecklonii (Nees) Koyama var. *ecklonii* (3)
Kobresia thunbergii (Nees) Koyama (3)
S. thunbergii Nees forma *elongata* Boeck. (2)
S. thunbergii Nees in part (2)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.4 m. Alt ?–725 m. WC
- ecklonii** Nees var. **unisexualis** Kük.
Carex bisexualis C.B.Clarke (2)
Kobresia ecklonii (Nees) Koyama var. *unisexualis* (Kük.) Koyama (3)
S. thunbergii Nees in part (2)
Perennial. Herb, cyperoid, mesophyte. Ht 0.1–0.3 m. Alt? WC
- filiforme** Kük.
Kobresia filiforme (Kük.) Koyama (3)
Perennial. Herb, cyperoid, helophyte. Ht 0.16–0.26 m. Alt ?–2345 m. L, EC
- kunthianum* Kük. = **S. sparteum**
- lanceum** (Thunb.) Kük.
Carex lanceus (Thunb.) Baill. (2)
Carex ramosa Nees, not of Schkuhr (2)
Kobresia lancea (Thunb.) Koyama (3)
S. capense Nees (2)
S. meyerianum Kunth (2)
S. sickmannianum Kunth (2)
Schoenus lanceus Thunb. (2)
Perennial. Herb, cyperoid, mesophyte. Ht up to 1 m. Alt 320–610 m. WC
- lehmannii** (Nees) Steud.
Carex esenbeckiana Boeck. (2)
Carex uhligii C.B.Clarke (3)
Kobresia lehmannii (Nees) Koyama var. *lehmannii* (3)

- S. sparteum* (Wahlenb.) C.B. Clarke var. *lehmannii* (Nees) Kük. (3)
Uncinia lehmannii Nees (2)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.6 m. Alt
120–1510 m. LIM, NW, G, M, FS, KZN, WC, EC
- ludwigii* Hochst. = **S. rufum** var. **rufum**
madagascariense Cherm.
Perennial. Herb, cyperoid, mesophyte. Ht 0.56–1.1 m. Alt
915–± 2000 m. M, S, FS, KZN
- meyerianum* Kunth = **S. lanceum**
molle Kukkonen
Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.4 m. Alt
?–2135 m. KZN
- perdensum** Kukkonen
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.3 m. Alt
1220–1920 m. FS, KZN, EC
- rufum** Nees var. **dregeanum** (Kunth) Kük.
S. burkei C.B. Clarke (2)
S. dregeanum Kunth (2)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.9 m. Alt?
WC, EC
- rufum** Nees var. **pondoense** Kük.
Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.6 m. Alt?
EC
- rufum** Nees var. **rufum**
Carex buchananii C.B. Clarke (3)
Kobresia buchananii (C.B. Clarke) Koyama, invalid combination (3)
Kobresia rufa (Nees) Koyama (3)
S. buchananii C.B. Clarke, never published (3)
S. ludwigii Hochst. (2)
Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.6 m. Alt?
FS, KZN, NC
- schimperianum* (Boeck.) C.B. Clarke = **S. sparteum**
schweickerdtii Merxm. & Podlech
Kobresia schweickerdtii (Merxm. & Podlech) Koyama (3)
Perennial. Herb, cyperoid, mesophyte. Ht 1.35–1.4 m. Alt
1650–± 2000 m. M, EC
- sickmannianum* Kunth = **S. lanceum**
sparteum (Wahlenb.) C.B. Clarke
Carex bolusii C.B. Clarke (3)
Carex esenbeckiana Boeck. var. *elongata* Boeck. (2)
Carex schimperianum Boeck. (3)
Carex sparteum Wahlenb. (2)
Kobresia kunthiana (Kük.) Koyama var. *kunthiana* (3)
Kobresia lehmannii (Nees) Koyama var. *schimperiana* (Boeck.) Koyama (3)
Kobresia sparteum (Wahlenb.) Koyama (3)
S. caricoides C.B. Clarke, illegitimate name (2)
S. kunthianum Kük. (3)
S. schimperianum (Boeck.) C.B. Clarke (2)
S. sparteum (Wahlenb.) C.B. Clarke var. *schimperianum* (Boeck.) Kük. (3)
Uncinia sparteum (Wahlenb.) Spreng. (2)
Uncinia sprengelii Nees (2)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.6 m. Alt
30–± 2000 m. S, FS, KZN, L, EC
- sparteum* (Wahlenb.) C.B. Clarke var. *lehmannii* (Nees) Kük.
= **S. lehmannii**
- sparteum* (Wahlenb.) C.B. Clarke var. *schimperianum* (Boeck.)
Kük. = **S. sparteum**
- strictum** Kukkonen
Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.5 m. Alt
?–± 2070 m. KZN
- thunbergii* Nees forma *elongata* Boeck. = **Schoenoxiphium ecklonii** var. **ecklonii**
- thunbergii* Nees in part = **Schoenoxiphium ecklonii** var. **ecklonii**

thunbergii Nees in part = **Schoenoxiphium ecklonii** var. **unisexuale**

SCHOENUS L. 0477000

- (1) Clarke. 1898. *FC* 7: 271–273.
(2) Kükenthal. 1938. *Feddes Repertorium* 44: 168, 172.
(3) Archer. Personal communication.
- arenarius* Schrad. = **Tetraria compar**
bromoides Lam. = **Tetraria bromoides**
bulbosus L. = **Ficinia bulbosa**
burmannii Vahl = **Tetraria burmannii**
capensis L. = **Ischyrolepis capensis**
capillaceus Thunb. = **Tetraria capillacea**
capitellum Thunb. = **Ficinia capitella**
compar L. = **Tetraria compar**
cuspidatus Rottb. = **Tetraria cuspidata**
dactyloides Vahl = **Carpha glomerata**
deustus P.J. Bergius = **Ficinia deusta**
dispar Spreng. = **Ficinia secunda**
dregeanus (Boeck.) Kuntze = **Epischoenus dregeanus**
fasciatus Rottb. = **Tetraria fasciata**
flexuosus Thunb. = **Tetraria flexuosa**
glomeratus Thunb., illegitimate name = **Carpha glomerata**
holoschoenoides Rich. = **Rhynchospora holoschoenoides**
inanis Thunb. = **Pseudoschoenus inanis**
indicus Lam. = **Ficinia indica**
involutcratus Rottb. = **Tetraria involucreta**
lanceus Thunb. = **Schoenoxiphium lanceum**
lateralis Vahl = **Ficinia lateralis**
loreus (Nees) Kuntze = **Tetraria cuspidata** var. **lorea**
microstachys Vahl = **Tetraria microstachys**
nigricans L.
S. nigricans L. var. *aggregatus* in sense of Kük., not of (Thunb.) Kük. (3)
Tetraria capitata Kük. (3)
Perennial. Herb, cyperoid, helophyte. Ht 0.22–1.5 m.
Alt 5–2200 m. NW, M, FS, KZN, WC, EC
- nigricans* L. var. *aggregatus* in sense of Kük., not of (Thunb.)
Kük. = **S. nigricans**
- pallens* Schrad. = **Ficinia pallens** var. **pallens**
punctorius Vahl = **Neesenbeckia punctoria**
quadrangularis Boeck. = **Epischoenus quadrangularis**
radiatus L.f. = **Ficinia radiata**
secundus Vahl = **Ficinia secunda**
thermalis L. = **Tetraria thermalis**
thermalis Willd., not of L. = **Tetraria bromoides**
ustulatus L. = **Tetraria ustulata**
viscosus Schrad. = **Tetraria compar**
- SCIRPOIDES** Ség. 0468050
(1) Browning & Gordon-Gray. 1994. *South African Journal of Botany*
60: 315–320.
(2) Goetghebeur et al. 2000. *Novon* 10: 132, 133.
- burkei** (C.B. Clarke) Goetgh., Muasya & D.A. Simpson
Scirpus burkei C.B. Clarke (2)
Perennial. Herb, cyperoid, mesophyte. Ht 0.45–0.75 m.
Alt ± 300–± 2500 m. LIM, NW, G, M, FS, KZN,
L, NC, EC

dioecus (Kunth) Browning*Scirpus dioecus* (Kunth) Boeck. (1)

Perennial. Herb, cyperoid, mesophyte. Ht 0.25–1.8 m.

Alt 0–1710 m. N, B, LIM, NW, M, FS, NC, WC

nodosus (Rottb.) Soják = **Ficinia nodosa****thunbergii** (Schrad.) Soják*Isolepis thunbergii* Schrad. (1)*Scirpus holoschoenus* L. var. *thunbergii* (Schrad.) C.B. Clarke (1)*Scirpus thunbergianus* (Nees) Levyns (1)

Perennial. Herb, cyperoid, helophyte. Ht 0.25–0.9 m.

Alt 10–300 m. WC, EC

SCIRPUS L.

0468000

(1) Clarke. 1898. *FC* 7: 210–234.

(2) Archer. Personal communication.

aciformis B.Nord. = **Isolepis hemiuncialis***acrostachys* Steud. = **Ficina acrostachys***acutangulus* Roxb. = **Eleocharis acutangula***antarcticus* in sense of C.B. Clarke in part, not of L. =**Isolepis marginata***antarcticus* L. in part = **Isolepis antarctica***antarcticus* L. in part = **Isolepis diabolica***articulatus* L. = **Schoenoplectus articulatus***atropurpureus* Retz. = **Eleocharis atropurpurea***barbatus* Rottb. = **Bulbostylis barbata***bergianus* Spreng. = **Isolepis antarctica***bisumbellatus* Forssk. = **Fimbristylis bisumbellata***bivalvis* Lam. = **Fimbristylis bivalvis***boeckelerianus* Schweinf. = **Bulbostylis boeckeleriana***brachyceras* A.Rich. = **Schoenoplectus brachyceras***brevicaulis* Levyns = **Isolepis brevicaulis***bulbiferus* Boeck. = **Isolepis bulbifera***burchellii* C.B. Clarke = **Isolepis brevicaulis***burkei* C.B. Clarke = **Scirpoides burkei***caducus* Delile = **Eleocharis caduca***capillifolius* Parl. = **Isolepis striata***cartilagineus* (R.Br.) Poir. = **Isolepis marginata***cernuus* Vahl = **Isolepis cernua** var. *cernua**cernuus* Vahl var. *subtilis* (Kunth) C.B. Clarke = **Isolepis sepulcralis***chinensis* Osb. = **Lipocarpa chinensis***chlorostachys* Levyns = **Isolepis sepulcralis***ciliaris* L. = **Fuirena ciliaris***complanatus* Retz. = **Fimbristylis complanata***confervoides* Poir. = **Websteria confervoides***corymbosus* L. = **Rhynchospora corymbosa** var. *corymbosa**corymbosus* Roth, illegitimate name = **Schoenoplectus corymbosus***costatus* (A.Rich.) Boeck. = **Isolepis costata***costatus* (A.Rich.) Boeck. var. *macer* (Boeck.) Cherm. = **Isolepis costata***cubensis* Poepp. & Kunth = **Oxycaryum cubense***delicatulus* Levyns = **Isolepis bulbifera***diabolicus* Steud. = **Isolepis diabolica***dichotomus* L. = **Fimbristylis dichotoma***digitatus* (Schrad.) Boeck. = **Isolepis digitata***dioecus* (Kunth) Boeck. = **Scirpoides dioecus***diphyllus* Retz. = **Fimbristylis dichotoma***dregeanus* C.B. Clarke = **Isolepis capensis***eckloneus* Steud. = **Ficinia ecklonea***erectus* Poir. = **Schoenoplectus erectus***expallescens* (Kunth) Boeck. = **Isolepis expallescens***falsus* C.B. Clarke

Perennial. Herb, cyperoid, mesophyte. Ht 0.18–0.2 m.

Alt 1675–3400 m. M, FS, KZN, L, EC

ferrugineus L. = **Fimbristylis ferruginea***ficinioides* Kunth*Isolepis ficinioides* (Kunth) Steud. (2)

Perennial. Herb, cyperoid, helophyte or mesophyte. Ht

0.15–0.6 m. Alt 915–2990 m. LIM, G, M, S, FS,

KZN, L, EC

filamentosus Vahl = **Bulbostylis filamentosa***flaccifolius* Steud. = **Isolepis digitata***fluitans* L. = **Isolepis fluitans** var. *fluitans**fluitans* L. var. *fascicularis* (Nees) Boeck. = **Isolepis fluitans** var. *fluitans**fluitans* L. var. *robustus* Boeck. = **Isolepis striata***geniculatus* L. in part = **Eleocharis geniculata***glaucus* Lam. = **Bolboschoenus glaucus***globiceps* C.B. Clarke = **Isolepis rubicunda***griquensium* C.B. Clarke = **Isolepis sepulcralis***hemisphaericus* Roth = **Lipocarpa hemisphaerica***hemiuncialis* C.B. Clarke = **Isolepis hemiuncialis***hispidulus* in sense of authors, not of Vahl = **Bulbostylis hispidula** subsp. *pyriformis**holoschoenus* L. var. *thunbergii* (Schrad.) C.B. Clarke = **Scirpoides thunbergii***hystricoides* B.Nord. = **Lipocarpa rehmannii***hystrix* in sense of C.B. Clarke in part, not of Thunb. = **Lipocarpa rehmannii***hystrix* Thunb. = **Isolepis hystrix***inanis* (Thunb.) Steud. = **Pseudoschoenus inanis***inclinatus* (Barbey) Boiss. = **Schoenoplectus corymbosus***incomtulus* Boeck. = **Isolepis incomtula***inconspicuus* Levyns = **Isolepis inconspicua***jacobi* C.E.C. Fisch. = **Schoenoplectus senegalensis***karroicus* C.B. Clarke = **Isolepis karroica***laciniatus* Thunb. = **Ficinia laciniata***laeteflorens* C.B. Clarke = **Bolboschoenus nobilis***lateriflorus* J.F. Gmel. = **Schoenoplectus lateriflorus***leptus* (C.B. Clarke) Levyns = **Eleocharis leptus***leucanthus* Boeck. = **Schoenoplectus leucanthus***limosus* Schrad. = **Eleocharis limosa***ludwigii* (Steud.) Boeck. = **Isolepis ludwigii***lugardii* C.B. Clarke = **Cyperus hamulosus***macer* Boeck. = **Isolepis costata***marginatus* Thunb. = **Isolepis marginata**

maritimus L. = **Bolboschoenus maritimus**
maritimus L. var. *laeteflorens* (C.B.Clarke) Kük. = **Bolboschoenus nobilis**
maritimus L. var. *nobilis* (Ridl.) C.B.Clarke = **Bolboschoenus nobilis**
membranaceus Thunb. = **Hellmuthia membranacea**
micranthus Vahl = **Lipocarpa micranthus**
microcephalus (Steud.) Dandy = **Kyllingiella microcephala**
minutus Turrill = **Isolepis minutus**
muricinix C.B.Clarke = **Schoenoplectus muricinix**
muriculatus Kük. = **Schoenoplectus muriculatus**
mutatus L. = **Eleocharis mutata**
nanodes Levyns = **Isolepis pusilla**
natans Thunb. = **Isolepis natans**
nobilis Ridl. = **Bolboschoenus nobilis**
nodosus Rottb. = **Ficinia nodosa**
obtusifolius Lam. = **Fimbristylis obtusifolius**
oliganthus Steud. = **Ficinia oligantha**
paludicola Kunth = **Schoenoplectus paludicola**
paludicola Kunth forma *decipiens* (Nees) C.B.Clarke = **Schoenoplectus decipiens**
pictus Boeck. = **Isolepis cernua** var. *cernua*
pinguiculus C.B.Clarke
 Perennial. Herb, cyperoid, helophyte. Ht 0.03–0.08 m.
 Alt? NW, NC
praelongatus Poir. = **Schoenoplectus senegalensis**
prolifer Rottb. = **Isolepis prolifera**
pulchellus (Kunth) Boeck. = **Schoenoplectus pulchellus**
raynalii Schuyler = **Schoenoplectus erectus**
rehmannii Ridl. = **Lipocarpa rehmannii**
rivularis (Schrad.) Boeck. = **Isolepis natans**
roylei (Nees) R.Parker = **Schoenoplectus roylei**
rubicundus (Nees) Parl. = **Isolepis rubicunda**
setaceus L. = **Isolepis setacea**
sinuatus Schuyler = **Schoenoplectus erectus**
sororius (Kunth) C.B.Clarke = **Isolepis sororia**
spathaceus Hochst. = **Pseudoschoenus inanis**
striatus (Nees) Fourc. = **Isolepis striata**
subulatus Vahl = **Schoenoplectus subulatus**
supinus in sense of authors, not of L. var. *leucosperma*
 C.B.Clarke = **Schoenoplectus leucanthus**
tabernaemontani C.C.Gmel. = **Schoenoplectus tabernaemontani**
tenuis Spreng., illegitimate name = **Isolepis pusilla**
tenuissimus (Nees) Boeck. = **Isolepis tenuissima**
thunbergianus (Nees) Levyns = **Scirpoides thunbergii**
trachyspermus (Nees) C.B.Clarke = **Isolepis trachysperma**
triqueter L. = **Schoenoplectus triqueter**
trispicatus L.f. = **Ficinia trispicata**
tristachyos Rottb. = **Ficinia tristachya**
truncatus Thunb. = **Ficinia truncata**
variegatus Poir. = **Eleocharis variegata**
variatus C.B.Clarke
 Perennial. Herb, cyperoid, mesophyte. Ht 0.4–1.2 m.
 Alt ?–1950 m. LIM, NW, G, M, S, KZN

venustus (Kunth) Boeck. = **Isolepis venustula**
verrucosulus Steud. = **Isolepis cernua** var. *setiformis*
verrucosulus Steud. var. *pterycaryon* C.B.Clarke = **Isolepis cernua** var. *setiformis*

SCLERIA P.J.Bergius 0515000

- (1) Haines & Lye. 1983. *The sedges and rushes of East Africa*: 327–360.
 (2) Hennessy. 1985. *Bothalia* 15: 505–530.
 (3) Gordon-Gray. 1995. *Strelitzia* 2: 178–187.

achtenii De Wild.

Perennial. Herb, cyperoid, helophyte. Ht 0.79–1.19 m. Alt 8–450 m. KZN

angusta Kunth

Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 1.37–1.98 m. Alt 10–90 m. KZN

aterrima (Ridl.) Napper

S. catophylla C.B.Clarke (2)
S. hirtella Sw. var. *aterrima* Ridl. (2)

Perennial. Herb, cyperoid, helophyte. Ht 0.29–0.88 m. Alt 30–1435 m. LIM, NW, M, KZN, EC

bulbifera A.Rich.

Perennial. Herb, cyperoid, geophyte, mesophyte. Ht 0.2–0.6 m. Alt 150–2070 m. LIM, NW, G, M, S, KZN, EC

catophylla C.B.Clarke = **S. aterrima**

dieterlenii Turrill

S. flexuosa in sense of E.A.Rob., not of Boeck. (2)

Perennial. Herb, cyperoid, helophyte. Ht up to 0.3 m. Alt ?–2450 m. G, M, KZN, L, EC

distans Poir.

S. nutans Kunth (1)

Perennial. Herb, cyperoid, helophyte. Ht 0.19–0.59 m. Alt 15–± 1300 m. B, G, M, KZN, EC

dregeana Kunth

S. holcooides Kunth (2)

S. meyeriana Kunth (2)

Perennial. Herb, cyperoid, helophyte. Ht 0.2–0.8 m. Alt 610–1950 m. B, LIM, G, M, S, KZN, L, EC

flexuosa in sense of E.A.Rob., not of Boeck. = **S. dieterlenii**

foliosa A.Rich.

Annual. Herb, cyperoid, helophyte. Ht 0.23–0.65 m. Alt ± 300–± 1000 m. N, B, LIM, M, S

greigiifolia (Ridl.) C.B.Clarke

Acriulus greigiifolius Ridl. (2)

Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 1.15–2.15 m. Alt ?–500 m. KZN

hirtella Sw. var. *aterrima* Ridl. = **S. aterrima**

holcooides Kunth = **S. dregeana**

lacustris C.H.Wright

Annual. Herb, cyperoid, emergent hydrophyte. Ht up to 2.8 m. Alt ?–± 1000 m. B

lagoensis Boeck.

Perennial. Herb, cyperoid, helophyte. Ht 0.53–2.12 m. Alt ?–1220 m. S

longispiculata Nelmes

Perennial. Herb, cyperoid, helophyte. Ht 0.49–1.18 m. Alt ?–± 1000 m. N

melanomphala Kunth

Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 0.6–1.8 m. Alt 2–1040 m. B, LIM, M, S, KZN, EC

meyeriana Kunth = **S. dregeana**

natalensis C.B. Clarke

Perennial. Herb, cyperoid, helophyte. Ht 0.53–1 m. Alt 5–1000 m. KZN, EC

nutans Kunth = **S. distans**

pergracilis (Nees) Kunth

Hypoporum pergracile Nees (2)

Annual. Herb, cyperoid, helophyte. Ht 0.15–0.45 m. Alt ?–1065 m. KZN

poiformis Retz.

Perennial. Herb, cyperoid, emergent hydrophyte or helophyte. Ht 1.4–2.28 m. Alt 8–10 m. KZN

rehmannii C.B. Clarke

Perennial. Herb, cyperoid, helophyte. Ht 0.34–1.67 m. Alt ± 300–± 1000 m. N, LIM

sobolifer E.F. Franklin

Perennial. Herb, cyperoid, helophyte. Ht 0.18–1.01 m. Alt 5–450 m. KZN

transvaalensis E.F. Franklin

Perennial. Herb, cyperoid, mesophyte. Ht 0.55–1.34 m. Alt ?–1900 m. LIM, M, S, KZN

unguiculata E.A. Rob.

Perennial. Herb, cyperoid, helophyte. Ht 0.8–1.2 m. Alt 10–940 m. B, KZN

veseyfitzgeraldii E.A. Rob.

Perennial. Herb, cyperoid, helophyte. Ht up to 1 m. Alt ?–1005 m. N, B

welwitschii C.B. Clarke

Perennial. Herb, cyperoid, helophyte. Ht up to 0.48 m. Alt 1067–1845 m. LIM, M, S, KZN, EC

woodii C.B. Clarke

Perennial. Herb, cyperoid, helophyte. Ht 0.25–0.75 m. Alt 15–2000 m. B, LIM, G, M, S, FS, KZN, L, EC

SCLEROCHAETIUM Nees 0494060

angustifolium Hochst. = **Tetraria bromoides**

koenigii Hochst. = **Tetraria bromoides**

SICKMANNIA Nees 0465010

radiata (L.f.) Nees = **Ficinia radiata**

TETRARIA P. Beauv. 0494000

(1) Clarke. 1898. *FC* 7: 275–290.

(2) Clarke. 1900. *FC* 7: 759, 760.

(3) Turrill. 1925. *Kew Bulletin* 1925: 67–76.

(4) Pfeiffer. 1927. *Feddes Repertorium* 23: 347.

(5) Kükenthal. 1931. *Feddes Repertorium* 29: 187–202.

(6) Kükenthal. 1940. *Feddes Repertorium* 48: 195–250.

(7) Levyns. 1947. *Journal of South African Botany* 13: 73–93.

(8) Levyns. 1950. In Adamson & Salter, *Flora of the Cape Peninsula*: 121–128.

(9) Burt. 1976. In Hilliard & Burt, *Notes from the Royal Botanic Garden Edinburgh* 34: 282.

(10) Archer. 2000. In Goldblatt & Manning, *Strelitzia* 9: 90, 91.

(11) Archer. Personal communication.

angustifolia (Hochst.) Pfeiff. = **T. bromoides**

aristata (Boeck.) C.B. Clarke = **T. flexuosa**

autumnalis Levyns = **T. ligulata**

bachmannii Kük. = **Cyathocoma bachmannii**

bolusii C.B. Clarke

Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.3 m. Alt 10–1220 m. WC

brachyphylla Levyns

T. sylvatica (Nees) C.B. Clarke var. *pseudocuspidata* Kük. (8)

Perennial. Herb, cyperoid, mesophyte. Ht up to 0.6 m. Alt 30–230 m. WC, EC

brevicaulis C.B. Clarke, never published = **Capeobolus brevicaulis**

bromoides (Lam.) Pfeiff.

Schoenus bromoides Lam. (4)

Schoenus thermalis Willd., not of L. (4)

Sclerochaetium angustifolium Hochst. (11)

Sclerochaetium koenigii Hochst. (4)

T. angustifolia (Hochst.) Pfeiff. (11)

T. bromoides (Lam.) Pfeiff. var. *angustifolia* (Hochst.) Kük. (11)

T. rottboellii (Schr.) C.B. Clarke (4)

T. rottboellioides C.B. Clarke (7)

Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.4–2 m. Alt 55–1525 m. WC, EC

bromoides (Lam.) Pfeiff. var. *angustifolia* (Hochst.) Kük.

= **T. bromoides**

burmannii (Vahl) C.B. Clarke (1)

Chaetospora burmannii (Vahl) Schrad. (1)

Schoenus burmannii Vahl (5)

Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.25 m. Alt 400–670 m. WC, EC

capillacea (Thunb.) C.B. Clarke

Chaetospora capillacea (Thunb.) Nees (1)

Schoenus capillaceus Thunb. (1)

Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.45 m. Alt 90–1675 m. WC, EC

capitata Kük. = **Schoenus nigricans**

circinalis (Schr.) C.B. Clarke = **T. microstachys**

circinalis (Schr.) C.B. Clarke var. *transiens* Kük. = **T. pubescens**

compacta Levyns

Perennial. Herb, cyperoid, mesophyte. Ht up to 0.6 m. Alt 55–155 m. WC

compar (L.) T. Lestib.

Elynanthus arenarius (Schr.) Nees (1)

Elynanthus viscosus (Schr.) Nees (1)

Rhynchospora nitida Spreng. (1)

Schoenus arenarius Schrad. (1)

Schoenus compar L. (1)

Schoenus viscosus Schrad. (1)

T. compar (L.) T. Lestib. var. *minor* (Boeck.) Kük. (11)

T. thuarii P. Beauv. (7)

Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.75 m. Alt 20–1065 m. WC, EC

compar (L.) T. Lestib. var. *minor* (Boeck.) Kük. = **T. compar**

compressa Turrill = **T. robusta**

crassa Levyns

T. cuspidata (Rottb.) C.B. Clarke forma *robustior* Kük. (7)

Perennial. Herb, cyperoid, mesophyte. Ht up to 0.6 m. Alt ?–670 m. WC

crinifolia (Nees) C.B. Clarke

Aulacorhynchus crinifolius Nees (1)

Perennial. Herb, cyperoid, mesophyte. Ht up to 0.3 m. Alt 200–1180 m. WC

cuspidata (Rottb.) C.B. Clarke forma *gracilis* (Nees) Boeck. = **T. exilis**

cuspidata (Rottb.) C.B. Clarke forma *robustior* Kük. = **T. crassa**

cuspidata (Rottb.) C.B. Clarke var. **cuspidata**

Schoenus cuspidatus Rottb. (1)

Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.01–0.8 m. Alt 10–2475 m. LIM, M, KZN, L, WC, EC

- cuspidata** (Rottb.) C.B. Clarke var. **lorea** (Nees) C.B. Clarke
Elynanthus loreus Nees (1)
Schoenus loreus (Nees) Kuntze (6)
Perennial. Herb, cyperoid, mesophyte. Ht? Alt? WC
- dregeana** (Boeck.) C.B. Clarke = **Epischoenus dregeanus**
- exilis** Levyns
T. cuspidata (Rottb.) C.B. Clarke forma *gracilis* (Nees) Boeck. (7)
Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.3 m. Alt 120–460 m. WC
- eximia** C.B. Clarke
T. thermalis (L.) C.B. Clarke var. *eximia* (C.B. Clarke) Kük. (11)
Perennial. Herb, cyperoid, mesophyte. Ht up to 1 m. Alt 15–475 m. WC
- fasciata** (Rottb.) C.B. Clarke
Schoenus fasciatus Rottb. (1)
T. pleosticha C.B. Clarke (10)
Perennial. Herb, cyperoid, mesophyte. Ht 0.38–0.5 m. Alt 30–2640 m. WC, EC
- fasciata** (Rottb.) C.B. Clarke var. **maculata** (Schönland & Turrill) Kük. = **T. maculata**
- ferruginea** C.B. Clarke
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.6 m. Alt ?–1525 m. WC
- fimbriolata** (Nees) C.B. Clarke
Chaetospora fimbriolata Nees (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.4 m. Alt 15–1185 m. WC, EC
- flexuosa** (Thunb.) C.B. Clarke
Schoenus flexuosus Thunb. (1)
T. aristata (Boeck.) C.B. Clarke (11)
Perennial. Herb, cyperoid, mesophyte. Ht 0.45–0.91 m. Alt 25–1830 m. WC
- fourcadei** Turrill & Schönland
Perennial. Herb, cyperoid, mesophyte. Ht 0.5–0.8 m. Alt 945–1830 m. WC, EC
- galpinii** Schönland & Turrill
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.24 m. Alt ?–60 m. EC
- gracilis** Turrill = **Epischoenus adnatus**
- graminifolia** Levyns
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.4 m. Alt ?–305 m. EC
- involutrata** (Rottb.) C.B. Clarke
*Schoenus involutratu*s Rottb. (1)
T. spiralis (Hochst.) C.B. Clarke (11)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 0.76–2.43 m. Alt 215–2000 m. WC, EC
- ligulata** (Boeck.) C.B. Clarke
Elynanthus ligulatus Boeck. (1)
T. autumnalis Levyns (11)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.4 m. Alt 640–1000 m. WC
- lucida** C.B. Clarke = **Epischoenus lucidus**
- macowaniana** B.L. Burtt = **T. triangularis**
- macowanii** C.B. Clarke, illegitimate name = **T. triangularis**
- maculata** Schönland & Turrill
T. fasciata (Rottb.) C.B. Clarke var. *maculata* (Schönland & Turrill) Kük. (11)
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.47 m. Alt ?–1860 m. WC
- microstachys** (Vahl) Pfeiff.
Schoenus microstachys Vahl (4)
- T. circinalis* (Schr.) C.B. Clarke (4)
Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.3 m. Alt 110–765 m. WC, EC
- natalensis** (C.B. Clarke) Koyama = **Costularia natalensis**
- nigrovaginata** (Nees) C.B. Clarke
Boeckeleria nigrovaginata (Nees) Pfeiff. (6)
Cyathocoma nigrovaginata Nees (4)
Decalepis dregeana Boeck. (4)
Perennial. Herb, cyperoid, mesophyte. Ht 0.5–0.6 m. Alt 200–1500 m. WC
- paludosa** Levyns
Perennial. Herb, cyperoid, helophyte. Ht up to 1 m. Alt ?–180 m. WC
- picta** (Boeck.) C.B. Clarke
Elynanthus pictus Boeck. (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.25 m. Alt 365–1585 m. WC
- pillansii** Levyns
Perennial. Herb, cyperoid, mesophyte. Ht 0.15–0.45 m. Alt 490–1130 m. WC, EC
- pleosticha** C.B. Clarke = **T. fasciata**
- pubescens** Schönland & Turrill
T. circinalis (Schr.) C.B. Clarke var. *transiens* Kük. (11)
Perennial. Herb, cyperoid, mesophyte. Ht 0.03–0.08 m. Alt 730–1830 m. WC
- punctoria** (Vahl) C.B. Clarke = **Neesenbeckia punctoria**
- pygmaea** Levyns
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.15 m. Alt 530–1295 m. WC
- robusta** (Kunth) C.B. Clarke
Chaetospora robusta Kunth (1)
T. compressa Turrill (11)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 1.5–1.8 m. Alt 150–1675 m. KZN, WC, EC
- robusta** (Kunth) C.B. Clarke var. **secans** (C.B. Clarke) Kük. = **T. secans**
- rottboellii** (Schr.) C.B. Clarke = **T. bromoides**
- rottboellioides** C.B. Clarke = **T. bromoides**
- schonlandii** Turrill
Perennial. Herb, cyperoid, mesophyte. Ht up to 0.35 m. Alt ?–650 m. EC
- secans** C.B. Clarke
T. robusta (Kunth) C.B. Clarke var. *secans* (C.B. Clarke) Kük. (11)
Perennial. Herb, cyperoid, helophyte or mesophyte. Ht up to 2.5 m. Alt 200–765 m. WC, EC
- spiralis** (Hochst.) C.B. Clarke = **T. involutrata**
- sylvatica** (Nees) C.B. Clarke var. **pseudocuspidata** Kük. = **T. brachyphylla**
- sylvatica** (Nees) C.B. Clarke var. **pseudolorea** Kük.
Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.45 m. Alt 110–1525 m. WC, EC
- sylvatica** (Nees) C.B. Clarke var. **sylvatica**
Elynanthus sylvaticus Nees (1)
Perennial. Herb, cyperoid, mesophyte. Ht 0.3–0.7 m. Alt 25–1615 m. WC, EC
- sylvatica** (Nees) C.B. Clarke var. **triflora** Kük.
Perennial. Herb, cyperoid, mesophyte. Ht ± 0.3 m. Alt ?–1675 m. WC
- thermalis** (L.) C.B. Clarke
Schoenus thermalis L. (6)

Perennial. Herb, cyperoid, helophyte or mesophyte. Ht 1–1.67 m. Alt 1–1050 m. WC

thermalis (L.) C.B. Clarke var. *eximia* (C.B. Clarke) Kük. = **T. eximia**

thuarii in sense of C.B. Clarke, not of P. Beauv. = **Cyathocoma ecklonii**

thuarii in sense of C.B. Clarke, not of P. Beauv. var. *gracilior* C.B. Clarke = **Cyathocoma bachmannii**

thuarii P. Beauv. = **T. compar**

triangularis (Boeck.) C.B. Clarke

Lepidosperma triangulare Boeck. (1)

T. macowaniana B.L. Burt (10)

T. macowanii C.B. Clarke, illegitimate name (9)

Perennial. Herb, cyperoid, helophyte or mesophyte. Ht up to 0.6 m. Alt 20–1905 m. KZN, WC, EC

ustulata (L.) C.B. Clarke

Elynanthus ustulatus (L.) Nees (1)

Lepisia ustulata (L.) C. Presl (1)

Schoenus ustulatus L. (1)

Perennial. Herb, cyperoid, mesophyte. Ht 0.37–0.7 m. Alt 125–1600 m. NC, WC

vaginata Schönland & Turrill

Perennial. Herb, cyperoid, mesophyte. Ht up to 0.2 m. Alt ?–1830 m. WC

variabilis Levyns

Perennial. Herb, cyperoid, mesophyte. Ht 0.2–0.4 m. Alt ?–± 350 m. WC

THRYOCEPHALON J.R. Forst. & G. Forst. 0462020

nemorale J.R. Forst. & G. Forst. = **Kyllinga nemoralis**

TRIANOPTILES Fenzl 0475000

(1) Levyns. 1943. *Journal of South African Botany* 9: 21–26.

(2) Levyns. 1950. In Adamson & Salter, *Flora of the Cape Peninsula*: 119, 120.

capensis (Steud.) Harv.

Carpha capensis (Steud.) Pfeiff. (1)

Ecklonea capensis Steud. (1)

Annual. Herb, cyperoid, helophyte. Ht up to 0.3 m. Alt 30–670 m. WC

solitaria (C.B. Clarke) Levyns

Carpha solitaria (C.B. Clarke) Pfeiff. (1)

Ecklonea solitaria C.B. Clarke (1)

Annual. Herb, cyperoid, helophyte. Ht up to 0.2 m. Alt ?–± 70 m. WC

stipitata Levyns

Annual. Herb, cyperoid, helophyte. Ht up to 0.2 m. Alt ?–685 m. NC, WC

TRICHELOSTYLIS T. Lestib. 0471030

contexta Nees = **Bulbostylis contexta**

ludwigii (Steud.) Nees = **Isolepis ludwigii**

obtusifolia (Lam.) Nees = **Fimbristylis obtusifolia**

UNCINIA Pers. 0524000

lehmannii Nees = **Schoenoxiphium lehmannii**

sparteae (Wahlenb.) Spreng. = **Schoenoxiphium sparteum**

sprengelii Nees = **Schoenoxiphium sparteum**

VOLKIELLA Merxm. & Czech 0452010

(1) Merxmüller & Czech. 1953. *Mitteilungen der Botanischen Staatssammlung München* 1: 317–323.

(2) Podlech. 1967. In Merxmüller, *FSWA* 165: 52, 53.

disticha Merxm. & Czech

Annual. Herb, cyperoid, mesophyte. Ht 0.05–0.25 m. Alt ± 1000–1095 m. N

WEBSTERIA S.H. Wright 0458000

(1) Hooper. 1972. *Kew Bulletin* 26: 577–583.

confervoides (Poir.) S.S. Hooper

Scirpus confervoides Poir. (1)

Perennial. Herb, cyperoid, emergent hydrophyte. Ht? Alt ?–± 1000 m. N?, B

DIOSCOREACEAE

Compiled by R.H. Archer

DIOSCOREA L. 1252000

(1) Baker. 1896. *FC* 6: 246–253.

(2) Knuth. 1924. *Das Pflanzenreich* 4: 43 (87,4): 1–387.

(3) Burkill. 1952. *Journal of South African Botany* 18: 177–191.

(4) Archibald. 1967. *Journal of South African Botany* 33: 1–46.

(5) Sölch. 1969. *FSWA* 153: 1, 2.

(6) Blunden *et al.* 1971. *Botanical Journal of the Linnean Society* 64: 431–446.

(7) Milne-Redhead. 1975. *FTEA* Dioscoreaceae: 1–25.

(8) Wilkin. 1999. *Kew Bulletin* 54: 1–18.

(9) Wilkin. 1999. *Kew Bulletin* 54: 19–39.

(10) Wilkin. 2001. *Kew Bulletin* 56: 361–404.

(11) Rowley. 2002. *Illustrated handbook of succulent plants*. Monocotyledons: 254–257.

(12) Obermeyer. Personal communication.

asteriscus Burkill

Perennial. Geophyte, climber. Ht ± 2 m. Alt 1000–1500 m. N, B

brevipes Burt Davy = **D. sylvatica** var. **brevipes**

brownii Schinz

Perennial. Geophyte, herb. Ht 0.5–1 m. Alt 650–1450 m. KZN, EC

burchellii Baker

Perennial. Geophyte, climber. Ht 1–2 m. Alt 25–350 m. WC, EC

cochleari-apiculatus De Wild.

Perennial. Geophyte, climber. Ht 2–12 m. Alt 1000–1500 m. N

cotinifolia Kunth

D. malifolia Baker (4)

Perennial. Geophyte, climber. Ht 2–4 m. Alt 250–1800 m. LIM, M, S, KZN, EC

crinita Hook. f. = **D. quartiniana**

digitaria R. Knuth = **D. diversifolia**

dinteri Schinz = **D. quartiniana**

diversifolia Griseb.*D. digitaria* R.Knuth (12)*D. multiloba* Kunth (12)

Perennial. Geophyte, climber. Ht ± 2 m. Alt 25–1500 m. S, KZN, EC

dregeana (Kunth) T.Durand & Schinz*D. dregeana* (Kunth) T.Durand & Schinz var. *hutchinsonii* Burkill, naked name (9)

Perennial. Geophyte, climber. Ht 1–12 m. Alt 275–1400 m. LIM, M, S, KZN, EC

dregeana (Kunth) T.Durand & Schinz var. *hutchinsonii* Burkill, naked name = **D. dregeana****elephantipes** (L'Hér.) Engl.*Testudinaria elephantipes* Lindl. (4)*Testudinaria montana* Burch. (3)

Perennial. Geophyte, climber. Ht 0.5–3 m. Alt 250–1250 m. WC, EC

forbesii Baker = **D. quartiniana****hemicypta** Burkill

Perennial. Geophyte, climber. Ht 0.5–2.5 m. Alt 350–1450 m. N, NC, WC

hirtiflora Benth.

Perennial. Geophyte, climber. Ht ± 3 m. Alt 850–1100 m. N

malifolia Baker = **D. cotinifolia***marlothii* R.Knuth = **D. sylvatica** var. **multiflora***microcuspis* Baker = **D. retusa***montana* Eckl. & Zeyh. ex R.Knuth, not of Burch.; Spreng. = **D. sylvatica** var. **sylvatica***multiloba* Kunth = **D. diversifolia****mundii** Baker

Perennial. Geophyte, climber. Ht ± 2 m. Alt 20–550 m. WC, EC

paniculata Dümmer = **D. sylvatica** var. **paniculata****quartiniana** A.Rich.*D. crinita* Hook.f. (8)*D. dinteri* Schinz (8)*D. forbesii* Baker (8)*D. quartiniana* A.Rich. var. *dinteri* (Schinz) Burkill (8)*D. quartiniana* A.Rich. var. *latifolia* R.Knuth (8)

Perennial. Geophyte, climber. Ht ± 5 m. Alt 100–1550 m. N, LIM, NW, M, S, KZN

quartiniana A.Rich. var. *dinteri* (Schinz) Burkill = **D. quartiniana***quartiniana* A.Rich. var. *latifolia* R.Knuth = **D. quartiniana***rehmannii* Baker = **D. sylvatica** var. **rehmannii****retusa** Mast.*D. microcuspis* Baker (9)*D. tysonii* Baker (9)

Perennial. Geophyte, climber. Ht ± 2.5 m. Alt 40–1800 m. LIM, NW, G, M, S, KZN, EC

rupicola Kunth

Perennial. Herb, climber, succulent. Ht ± 2.5 m. Alt 150–2000 m. LIM, S, KZN, EC

stipulosa Uline ex R.Knuth

Perennial. Geophyte, climber. Ht ± 2.5 m. Alt 1050–1600 m. EC

sylvatica Eckl. var. **brevipes** (Burt Davy) Burkill*D. brevipes* Burt Davy (3)*D. sylvatica* subsp. *lydenbergensis* Blunden, Hardman & Hind (11)

Perennial. Geophyte, climber. Ht? Alt? LIM, G, M, S, FS, KZN, EC

sylvatica Eckl. var. **multiflora** (Marloth) Burkill*D. marlothii* R.Knuth (3)*Testudinaria multiflora* Marloth (3)

Perennial. Geophyte, climber. Ht ± 2.5 m. Alt 1400–1650 m. LIM, M

sylvatica Eckl. var. **paniculata** (Dümmer) Burkill*D. paniculata* Dümmer (3)

Perennial. Geophyte, climber. Ht ± 2.5 m. Alt 1000–1650 m. KZN, EC

sylvatica Eckl. var. **rehmannii** (Baker) Burkill*D. rehmannii* Baker (3)

Perennial. Geophyte, climber. Ht? Alt? LIM, M, FS, KZN

sylvatica Eckl. var. **sylvatica***D. montana* Eckl. & Zeyh. ex R.Knuth, not of Burch.; Spreng. (3)*Testudinaria montana* Eckl. & Zeyh., naked name (3)*Testudinaria sylvatica* (Eckl.) Kunth (3)

Perennial. Geophyte, climber. Ht 1.5–10 m. Alt 125–1600 m. EC

sylvatica subsp. *lydenbergensis* Blunden, Hardman & Hind = **D. sylvatica** var. **brevipes***tysonii* Baker = **D. retusa****undatiloba** Baker

Perennial. Geophyte, climber. Ht ± 2.5 m. Alt 1350–1750 m. LIM

TESTUDINARIA Salisb.

1252010

elephantipes Lindl. = **Dioscorea elephantipes***montana* Burch. = **Dioscorea elephantipes***montana* Eckl. & Zeyh., naked name = **Dioscorea sylvatica** var. **sylvatica***multiflora* Marloth = **Dioscorea sylvatica** var. **multiflora***sylvatica* (Eckl.) Kunth = **Dioscorea sylvatica** var. **sylvatica****DRACAENACEAE**

(sometimes together with Eriospemaceae included under Convallariaceae)

Compiled by R.H. Archer

DRACAENA L.

1109000

(1) Bos. 1992. *FSA* 5: 1–4.(2) Venter. 1996. *Aloe* 33: 62–64.**aletriformis** (Haw.) Bos*D. hookeriana* K.Koch, illegitimate name (1)

Perennial. Tree. Ht 1–5 m. Alt 5–1525 m. LIM, S, KZN, EC

hookeriana K.Koch, illegitimate name = **D. aletriformis****mannii** Baker*D. usambarensis* Engl. (1)

Perennial. Tree, shrub. Ht 2–5 m. Alt 30–155 m. KZN

striata L.f. = **Asparagus striatus**

transvaalensis Baker

Perennial. Tree, shrub. Ht 2–4 m. Alt 750–1000 m. LIM, M
undulata L.f. = **Asparagus undulatus**
usambarensis Engl. = **D. mannii**

SANSEVIERIA Thunb. 1110000

- (1) Brown. 1915. *Bulletin of Miscellaneous Information* 15: 185–261.
- (2) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 212.
- (3) Verdoorn. 1941. *The Flowering Plants of South Africa* 21: t. 806.
- (4) Wijnands. 1973. *Taxon* 22: 109–114.
- (5) Obermeyer. 1992. *FSA* 5: 5–9.
- (6) Van Jaarsveld. 1994. *Aloe* 31: 11–15.
- (7) Chahinian. 1996. *Sansevieria Journal* 5: 7–10.

aethiopica Thunb.

S. scabrifolia Dinter (5)

Perennial. Geophyte. Ht 0.2–0.75 m. Alt 100–1465 m. N,
 B, LIM, NW, G, FS, NC, EC

angustiflora Lindb. = **S. hyacinthoides**

concinna N.E.Br.

Perennial. Geophyte. Ht 0.2–0.7 m. Alt 20–100 m. KZN

desertii N.E.Br. = **S. pearsonii**

grandis Hook.f. var. *zuluensis* N.E.Br. = **S. hyacinthoides**

guineensis (L.) Willd. = **S. hyacinthoides**

hallii Chahinian

Perennial. Geophyte. Ht 0.1–0.6 m. Alt ± 600 m. LIM

hyacinthoides (L.) Druce

S. angustiflora Lindb. (5)

S. grandis Hook.f. var. *zuluensis* N.E.Br. (5)

S. guineensis (L.) Willd. (4)

S. thyrsiflora Thunb. (4)

Perennial. Geophyte. Ht 0.1–0.6 m. Alt 5–1600 m. LIM,
 G, M, S, KZN, EC

longiflora Sims

Perennial. Geophyte. Ht 0.3–0.4 m. Alt 800–1200 m. N

metallica Gérôme & Labroy

Perennial. Geophyte. Ht 0.5–1.5 m. Alt 20–100 m. KZN

pearsonii N.E.Br.

S. desertii N.E.Br. (5)

Perennial. Geophyte, succulent. Ht 0.45–1.2 m. Alt 315–
 1565 m. N, B, LIM, M, KZN

scabrifolia Dinter = **S. aethiopica**

thyrsiflora Thunb. = **S. hyacinthoides**

ERIOCAULACEAE

Compiled by R.P. Glen & C.D.K. Cook

ERIOCAULON L.

0828000

- (1) Brown. 1897. *FC* 7: 51–59.
- (2) Obermeyer. 1981. *Bothalia* 13: 450.
- (3) Obermeyer. 1985. *FSA* 4: 9–19.
- (4) Phillips. 1997. *FTEA* Eriocaulaceae: 1–34.
- (5) Phillips. 1997. *Kew Bulletin* 53,1: 245, 246.
- (6) Phillips. 1998. *Kirkia* 17,1: 11–55.
- (7) Phillips. 2000. *Kew Bulletin* 55: 195–202.

abyssinicum Hochst.

E. gilgianum Ruhland (4, 6)

Annual. Herb, hydrophyte: tenogophyte/rosulate. Ht 20–90
 mm. Alt 95–2015 m. N, LIM, G, M, S, FS, KZN, L, EC

africanum Hochst.

E. natalensis Schinz (3, 6)

E. woodii N.E.Br. (3, 6)

Perennial. Herb, hydrophyte: tenogophyte/rosulate. Ht
 70–260 mm. Alt 140–1680 m. LIM, M, KZN, EC

amboense Schinz = **E. cinereum**

angustisepalum H.E.Hess = **E. mutatum** var. **angustise-**
palum

aristatum H.E.Hess = **E. welwitschii**

baurii N.E.Br. = **E. sonderianum**

cinereum R.Br.

E. amboense Schinz (3, 4, 6)

Annual. Herb, hydrophyte: tenogophyte/rosulate. Ht 25–
 140 mm. Alt ± 900 m. N, B

dregei Hochst.

E. dregei Hochst. var. *dregei* (6)

Perennial. Herb, hydrophyte: rosulate/helophyte? Ht 55–
 170 mm. Alt 15–2000 m. LIM, M, KZN, EC

dregei Hochst. var. *dregei* = **E. dregei**

dregei Hochst. var. *sonderianum* (Körn.) Oberm. = **E. sonder-**
ianum

gilgianum Ruhland = **E. abyssinicum**

hydrophilum Markötter

Annual. Herb, hydrophyte: rosulate/tenogophyte. Ht
 25–340 mm. Alt 1600–2400 m. M, FS, KZN, L

maculatum Schinz

Annual. Herb, hydrophyte: rosulate/tenogophyte. Ht
 25–100 mm. Alt 960–1479 m. LIM, M

mutatum N.E.Br. var. **angustisepalum** (H.Hess) S.M.Phillips

E. angustisepalum H.E.Hess (4, 6)

Annual. Herb, hydrophyte: rosulate/tenogophyte. Ht
 6–100 mm. Alt ± 1700 m. G

natalensis Schinz = **E. africanum**

ruhlandii Schinz = **E. schlechteri**

schlechteri Ruhland

E. ruhlandii Schinz (4, 6)

Annual. Herb, hydrophyte: tenogophyte/helophyte? Ht
 75–190 mm. Alt 1–120 m. KZN

setaceum L.

Perennial. Herb, hydrophyte: vittate. Ht ± 350 mm. Alt
 ± 900 m. B

sonderianum Körn

E. baurii N.E.Br. (3)

E. dregei Hochst. var. *sonderianum* (Körn.) Oberm. (6)

Perennial. Herb, hydrophyte: rosulate/tenogophyte. Ht
 90–380 mm. Alt 30–2200 m. LIM, NW, G, M,
 S, FS, KZN, L, EC

tofieldiifolium Schinz = **E. transvaalicum** subsp. **tofieldii-**
folium

transvaalicum N.E.Br. subsp. **transvaalicum**

Annual, occ. perennial. Herb, hydrophyte: rosulate/tenogo-
 phyte. Ht 40–150 mm. Alt 210–1500 m. N, LIM, G

transvaalicum N.E.Br. subsp. **tofieldiifolium** (Schinz)

S.M.Phillips

E. tofieldiifolium Schinz (3, 4, 6)

Annual, occ. perennial. Herb, hydrophyte: rosulate/tenogophyte. Ht 70–160 mm. Alt 900–1800 m. N, G, M

welwitschii Rendle

E. aristatum H.E.Hess (3, 4, 6)

Annual. Herb, hydrophyte: tenogophyte/rosulate. Ht 20–70 mm. Alt 900–1500 m. N, B

woodii N.E.Br. = **E. africanum**

PAEPALANTHUS Mart. 0830000

wahlbergii Körn. = **Syngonanthus wahlbergii**

SYNGONANTHUS Ruhland 0832010

- (1) Brown. 1897. *FC* 7: 51–59.
- (2) Meikle. 1968. *FWTA* 3,1: 67.
- (3) Obermeyer. 1985. *FSA* 4: 19–21.
- (4) Phillips. 1997. *FTEA* Eriocaulaceae: 34–39.
- (5) Phillips. 1998. *Kirkia* 17,1: 11–67.
- (6) Phillips. 2000. *Kew Bulletin* 53: 491–493.

wahlbergii (Körn.) Ruhland

Paepalanthus wahlbergii Körn. (2, 4, 5, 6)

Perennial. Herb, hydrophyte: rosulate/tenogophyte. Ht 45–130 mm. Alt 850–1600 m. LIM, G, M

ERIOSPERMACEAE

(alternatively Convallariaceae or Rusceae)

Compiled by C. Archer

ERIOSPERMUM Jacq. ex Willd. 1012000

- (1) Perry. 1994. *Contributions from the Bolus Herbarium* 17: 1–320.
- (2) Manning. 2000. *Bothalia* 30: 157.

abyssinicum Baker = **E. flagelliforme**

aequilibre Poelln.

Perennial. Geophyte. Ht up to 0.45 m. Alt? WC

albanense Poelln. = **E. brevipes**

albucoides Baker = **E. capense** subsp. **capense**

alcicorne Baker

Perennial. Geophyte. Ht up to 0.01 m. Alt 855–1030 m. NC, WC

algiferum A.V.Duthie

Perennial. Geophyte. Ht 0.06–0.08 m. Alt? WC

angustissimum Dinter = **E. bakerianum** subsp. **tortuosum**

aphyllum Marloth

Perennial. Geophyte. Ht up to 0.08 m. Alt? WC

appendiculatum A.V.Duthie

Perennial. Geophyte. Ht up to 0.09 m. Alt? EC

arachnoideum P.L.Perry

Perennial. Geophyte. Ht up to 0.05 m. Alt? WC

arenicolum Poelln. = **E. paradoxum**

arenosum P.L.Perry

Perennial. Geophyte. Ht up to 0.2 m. Alt? NC, WC

aribesense P.L.Perry

Perennial. Geophyte. Ht up to 0.07 m. Alt? NC

armianum P.L.Perry

Perennial. Geophyte. Ht up to 0.1 m. Alt? NC

asarifolium Dinter = **E. volkmanniae**

attenuatum P.L.Perry

Perennial. Geophyte. Ht up to 0.08 m. Alt? NC

avasmontanum Dinter = **E. schinzii**

bakerianum Schinz subsp. **bakerianum**

E. bakerianum Schinz var. *multiscapum* Poelln. (1)

E. bakerianum Schinz var. *pauper* Poelln. (1)

E. bakerianum Schinz var. *seineri* (Engl. & K.Krause) Poelln. (1)

E. bechuanicum Baker (1)

E. lanceaefolium Schinz (1)

E. lineare Poelln. (1)

Perennial. Geophyte. Ht up to 0.25 m. Alt ?–1310 m. N, B, NC

bakerianum Schinz subsp. **tortuosum** (Dammer) P.L.Perry

E. angustissimum Dinter (1)

E. flexuosissimum Poelln. (1)

E. tortuosum Dammer (1)

E. tortuosum Dammer var. *depauperatum* Poelln. (1)

Perennial. Geophyte. Ht up to 0.25 m. Alt? N

bakerianum Schinz var. *multiscapum* Poelln. = **E. bakerianum** subsp. **bakerianum**

bakerianum Schinz var. *pauper* Poelln. = **E. bakerianum** subsp. **bakerianum**

bakerianum Schinz var. *seineri* (Engl. & K.Krause) Poelln. = **E. bakerianum** subsp. **bakerianum**

bayeri P.L.Perry

Perennial. Geophyte. Ht up to 0.45 m. Alt? NC, WC

bechuanicum Baker = **E. bakerianum** subsp. **bakerianum**

bifidum R.A.Dyer

Perennial. Geophyte. Ht up to 0.3 m. Alt ?–376 m. NC, WC, EC

bowieanum Baker

E. coralliferum Marloth (1)

Perennial. Geophyte. Ht up to 0.1 m. Alt ?–1160 m. WC

bracteatum Archibald

Perennial. Geophyte. Ht up to 0.24 m. Alt? EC

brevifilamentatum Poelln. (insufficiently known) (1)

brevipedicellatum (Kuntze) Poelln. = **E. lanceifolium**

brevipenduculatum Poelln. = **E. rautanenii**

brevipes Baker

E. albanense Poelln. (1)

E. brevipes Baker var. *nanum* Archibald (1)

E. brevipes Baker var. *nitidum* Archibald (1)

Perennial. Geophyte. Ht up to 0.32 m. Alt 15–700 m. WC, EC

brevipes Baker var. *nanum* Archibald = **E. brevipes**

brevipes Baker var. *nitidum* Archibald = **E. brevipes**

brevipetiolatum Poelln. = **E. porphyrovalve**

breviscapum P.L.Perry

Perennial. Geophyte. Ht up to 0.12 m. Alt 52–300 m. WC

bruynsii P.L.Perry

Perennial. Geophyte. Ht up to 0.24 m. Alt? WC

buchbergense Dinter (insufficiently known) (1)

burchellii Baker = **E. flagelliforme**

calcaratum Baker (insufficiently known) (1)

calcareum P.L.Perry

Perennial. Geophyte. Ht up to 0.09 m. Alt? WC

capense (L.) Thunb. subsp. **capense***E. albucoides* Baker (1)*E. latifolium* Jacq. (1)*E. ovalifolium* Poelln. (1)*E. thyrsoideum* Baker (1)

Perennial. Geophyte. Ht up to 0.5 m. Alt? NC, WC, EC

capense (L.) Thunb. subsp. **stoloniferum** (Marloth)

P.L.Perry

E. stoloniferum Marloth (1)

Perennial. Geophyte. Ht up to 0.5 m. Alt? WC

cernuum Baker*E. duthieae* Salter (1)*E. macrum* Poelln. (1)

Perennial. Geophyte. Ht up to 0.35 m. Alt 15–2000 m. WC

cervicorne Marloth

Perennial. Geophyte. Ht up to 0.12 m. Alt? NC

ciliatum P.L.Perry

Perennial. Geophyte. Ht up to 0.24 m. Alt? EC

citrinum P.L.Perry

Perennial. Geophyte. Ht up to 0.3 m. Alt? N

coactum P.L.Perry

Perennial. Geophyte. Ht up to 0.14 m. Alt? NC

coerulescens Poelln. = **E. ornithogaloides****compactum** Poelln. (insufficiently known) (1)*confertum* Baker = **E. spirale***confertum* Baker var. *aureum* A.V.Duthie = **E. spirale***confusum* Poelln. = **E. corymbosum***convallariaefolium* Dinter = **E. mackenii** subsp. **galpinii****cooperi** Baker var. **cooperi***E. hygrophilum* Baker (1)*E. sprengerianum* Schinz (1)

Perennial. Geophyte. Ht 0.38–0.6 m. Alt 350–2118 m.

LIM, NW, G, M, S, FS, KZN, L, EC

cooperi Baker var. **natalense** (Baker) P.L.Perry*E. natalense* Baker (1)*E. platyphyllum* Baker (1)

Perennial. Geophyte. Ht up to 0.6 m. Alt ?–1000 m. KZN,

L, EC

coralliferum Marloth = **E. bowianum****cordiforme** Salter

Perennial. Geophyte. Ht up to 0.4 m. Alt 60–1000 m. NC,

WC, EC

corymbosum Baker*E. confusum* Poelln. (1)*E. ophioglossoides* Schltr. (1)

Perennial. Geophyte. Ht 0.05–0.12 m. Alt ?–1300 m. N,

B, NW, M, FS, NC, EC

crispum P.L.Perry

Perennial. Geophyte. Ht up to 0.35 m. Alt? WC

curreri Baker = **E. rautanenii***cylindricum* Marloth = **E. paradoxum****descendens** P.L.Perry

Perennial. Geophyte. Ht up to 0.15 m. Alt? NC, WC

deserticum Marloth ex P.L.Perry

Perennial. Geophyte. Ht up to 0.3 m. Alt? NC

dielsianum Poelln. subsp. **dielsianum**

Perennial. Geophyte. Ht up to 0.24 m. Alt ?–1350 m. NC,

WC

dielsianum Poelln. subsp. **molle** P.L.Perry

Perennial. Geophyte. Ht up to 0.24 m. Alt? WC, EC

dissitiflorum Schltr.

Perennial. Geophyte. Ht up to 0.42 m. Alt? EC

dissitiflorum Baker = **E. porphyrovalve***dregeanum* C.Presl = **E. parvifolium****dregei** Schönland

Perennial. Geophyte, succulent. Ht up to 0.14 m. Alt ?–550

m. WC, EC

duthieae Salter = **E. cernuum****dyeri** Archibald

Perennial. Geophyte. Ht up to 0.5 m. Alt ?–155 m. EC

elatum Baker = **E. flagelliforme****erinum** P.L.Perry

Perennial. Geophyte. Ht up to 0.22 m. Alt? NC

eriophorum P.L.Perry

Perennial. Geophyte. Ht up to 0.28 m. Alt? WC

ernstii P.L.Perry

Perennial. Geophyte. Ht up to 0.3 m. Alt? NC

exigium P.L.Perry

Perennial. Geophyte. Ht up to 0.15 m. Alt? WC

exile P.L.Perry

Perennial. Geophyte. Ht up to 0.3 m. Alt? WC

fasciculatum A.V.Duthie = **E. proliferum****filicaule** P.L.Perry

Perennial. Geophyte. Ht up to 0.22 m. Alt? NC

flabellatum P.L.Perry

Perennial. Geophyte. Ht up to 0.08 m. Alt? WC

flagelliforme (Baker) J.C.Manning*Anthericum flagelliforme* Baker (2)*E. abyssinicum* Baker (2)*E. burchellii* Baker (2)*E. elatum* Baker (2)*E. fleckii* Schinz (2)*E. luteorubrum* Baker (2)*E. schinzii* Engl. & K.Krause (2)*Schizobasis flagelliformis* (Baker) Baker (2)

Perennial. Geophyte. Ht 0.3–0.4 m. Alt 60–2070 m. N, B,

LIM, NW, G, M, S, FS, KZN, NC

flavum P.L.Perry

Perennial. Geophyte. Ht up to 0.13 m. Alt? WC

fleckii Schinz = **E. flagelliforme****flexum** P.L.Perry

Perennial. Geophyte. Ht up to 0.05 m. Alt? N

flexuosissimum Poelln. = **E. bakerianum** subsp. **tortuosum****folioliferum** Andrews

Perennial. Geophyte. Ht up to 0.4 m. Alt ?–1000 m. NC

folioliferum Ker Gawl. = **E. proliferum****fragile** P.L.Perry

Perennial. Geophyte. Ht up to 0.14 m. Alt? WC

galpinii Schinz = **E. mackenii** subsp. **galpinii****glaciale** P.L.Perry

Perennial. Geophyte. Ht up to 0.05 m. Alt? NC

gracillimum Poelln. = **E. graminifolium****graminifolium** A.V.Duthie*E. gracillimum* Poelln. (1)

Perennial. Geophyte. Ht up to 0.3 m. Alt? NC, WC

graniticolum Poelln. (insufficiently known) (1)**halenbergense** Dinter

Perennial. Geophyte. Ht up to 0.13 m. Alt? N

- haygarthii* Baker = **E. ornithogaloides**
herporrhizum Salter = **E. nanum**
horizontale Poelln. (insufficiently known) (1)
hygrophilum Baker = **E. cooperi** var. **cooperi**
inconspicuum P.L.Perry
 Perennial. Geophyte. Ht up to 0.08 m. Alt? WC
junodi Baker = **E. mackenii** subsp. **mackenii**
juttiae Dinter (insufficiently known) (1)
karrooense Poelln. (insufficiently known) (1)
krauseanum Poelln. (insufficiently known) (1)
lanceaefolium Schinz = **E. bakerianum** subsp. **bakerianum**
lanceifolium Jacq.
E. brevipedicellatum (Kuntze) Poelln. (1)
E. lanceifolium Jacq. var. *brevipedicellatum* Kuntze (1)
 Perennial. Geophyte. Ht up to 0.4 m. Alt 100–460 m. WC
lanceifolium Jacq. var. *brevipedicellatum* Kuntze = **E. lanceifolium**
lanceifolium Jacq. var. *orthophyllum* Archibald = **E. orthophyllum**
lanimarginatum P.L.Perry
 Perennial. Geophyte. Ht up to 0.25 m. Alt? NC
lanuginosum Jacq.
 Perennial. Geophyte. Ht up to 0.38 m. Alt? NC, WC
latifolium Jacq. = **E. capense** subsp. **capense**
lavranosii P.L.Perry
 Perennial. Geophyte. Ht up to 0.18 m. Alt? N
laxiracemosum P.L.Perry
 Perennial. Geophyte. Ht up to 0.33 m. Alt? WC
lineare Poelln. = **E. bakerianum** subsp. **bakerianum**
luteorubrum Baker = **E. flagelliforme**
macgregoriorum P.L.Perry
 Perennial. Geophyte. Ht up to 0.12 m. Alt? NC
mackenii (Hook.f.) Baker subsp. **galpinii** (Schinz) P.L.Perry
E. convallariaefolium Dinter (1)
E. galpinii Schinz (1)
E. omahekense Engl. & K.Krause (1)
E. pilosopetiolatum Dinter (1)
E. reflexum Schinz (1)
 Perennial. Geophyte. Ht up to 0.4 m. Alt? N, B, LIM, NW, G, M, S, KZN, EC
mackenii (Hook.f.) Baker subsp. **mackenii**
E. junodi Baker (1)
E. veratriforme Poelln. (1)
 Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 60–1065 m. LIM, NW, M, S, KZN, EC
macrum Poelln. = **E. cernuum**
majanthemifolium K.Krause & Dinter = **E. roseum**
marginatum P.L.Perry
 Perennial. Geophyte. Ht up to 0.24 m. Alt? NC, WC
microphyllum Baker = **E. ornithogaloides**
minutiflorum P.L.Perry
 Perennial. Geophyte. Ht up to 0.21 m. Alt? NC, WC
minutipustulatum P.L.Perry
 Perennial. Geophyte. Ht up to 0.12 m. Alt? WC
mirandum Poelln. = **E. multifidum**
multifidum Marloth
E. mirandum Poelln. (1)
 Perennial. Geophyte. Ht up to 0.15 m. Alt? NC
namaquanum P.L.Perry
 Perennial. Geophyte. Ht up to 0.12 m. Alt ?–250 m. NC
nanum Marloth
E. herporrhizum Salter (1)
 Perennial. Geophyte. Ht up to 0.32 m. Alt 250–450 m. WC
natalense Baker = **E. cooperi** var. **natalense**
occultum Archibald
 Perennial. Geophyte. Ht up to 0.6 m. Alt? EC
omahekense Engl. & K.Krause = **E. mackenii** subsp. **galpinii**
ophioglossoides Schltr. = **E. corymbosum**
ornithogaloides Baker
E. coeruleascens Poelln. (1)
E. haygarthii Baker (1)
E. microphyllum Baker (1)
 Perennial. Geophyte. Ht 0.12–0.2 m. Alt 670–2793 m. M, FS, KZN, L, EC
orthophyllum (Archibald) P.L.Perry
E. lanceifolium Jacq. var. *orthophyllum* Archibald (1)
 Perennial. Geophyte. Ht up to 0.38 m. Alt? EC
ovalifolium Poelln. = **E. capense** subsp. **capense**
papilliferum A.V.Duthie
 Perennial. Geophyte. Ht up to 0.35 m. Alt? NC
paradoxum (Jacq.) Ker Gawl.
E. arenicolum Poelln. (1)
E. cylindricum Marloth (1)
E. vallisgratae Poelln. (1)
 Perennial. Geophyte. Ht up to 0.1 m. Alt 50–1525 m. NC, WC, EC
parvifolium Jacq.
E. dregeanum C.Presl (1)
 Perennial. Geophyte. Ht up to 0.3 m. Alt 45–1100 m. NC, WC
parvulum P.L.Perry
 Perennial. Geophyte. Ht up to 0.04 m. Alt? NC
patentiflorum Schltr.
 Perennial. Geophyte. Ht up to 0.4 m. Alt? WC
pilosopetiolatum Dinter = **E. mackenii** subsp. **galpinii**
pilosum Poelln. (insufficiently known) (1)
platyphyllum Baker = **E. cooperi** var. **natalense**
porphyrium Archibald
E. porphyrium Archibald var. *pallidum* Archibald (1)
E. porphyrium Archibald var. *stoloniferum* Archibald (1)
 Perennial. Geophyte. Ht 0.3–0.7 m. Alt 155–1770 m. B, LIM, NW, G, M, FS, NC, EC
porphyrium Archibald var. *pallidum* Archibald = **E. porphyrium**
porphyrium
porphyrium Archibald var. *stoloniferum* Archibald = **E. porphyrium**
porphyrovalve Baker
E. brevipetiolatum Poelln. (1)
E. dissitiflorum Baker (1)
E. tenellum Baker (1)
 Perennial. Geophyte. Ht 0.1–0.15 m. Alt 610–2135 m. B, LIM, NW, G, M, S, KZN
proliferum Baker
E. fasciculatum A.V.Duthie (1)
E. folioliferum Ker Gawl. (1)
E. setiferum Poelln. (1)
 Perennial. Geophyte. Ht up to 0.3 m. Alt 300–1525 m. NC, WC
pubescens Jacq.
 Perennial. Geophyte. Ht up to 0.32 m. Alt 150–1000 m. WC

pumilum Salter

Perennial. Geophyte. Ht 0.1–0.25 m. Alt? WC

pusillum P.L.Perry

Perennial. Geophyte. Ht up to 0.08 m. Alt? NC

rustulatum A.V.Duthie

Perennial. Geophyte. Ht up to 0.42 m. Alt?–1450 m. NC

ramosum P.L.Perry

Perennial. Geophyte. Ht up to 0.14 m. Alt?–200 m. NC

ratelpoortianum P.L.Perry

Perennial. Geophyte. Ht up to 0.2 m. Alt? NC

rautaniensis Schinz*E. brevipedunculatum* Poelln. (1)*E. curreri* Baker (1)*E. rubromarginatum* Poelln. (1)*E. sphaerophyllum* Baker (1)

Perennial. Geophyte. Ht 0.1–0.09 m. Alt 950–1250 m. N, B

reflexum Schinz = **E. mackeni** subsp. **galpinii****rhizomatum** P.L.Perry

Perennial. Geophyte. Ht up to 0.5 m. Alt? WC

roseum Schinz*E. majanthemifolium* K.Krause & Dinter (1)

Perennial. Geophyte. Ht up to 0.22 m. Alt?–617 m. N, NC

rubromarginatum Poelln. = **E. rautaniensis****sabulosum** P.L.Perry

Perennial. Geophyte. Ht up to 0.07 m. Alt? NC

schinzii Baker*E. avasmontanum* Dinter (1)

Perennial. Geophyte. Ht up to 0.5 m. Alt? N, NW, G, L, NC

schinzii Engl. & K.Krause = **E. flagelliforme****schlechteri** Baker

Perennial. Geophyte. Ht up to 0.23 m. Alt 100–300 m. WC

seineri Engl. & K.Krause (insufficiently known) (1)*setiferum* Poelln. = **E. proliferum***sphaerophyllum* Baker = **E. rautaniensis****spirale** Schult.*E. confertum* Baker (1)*E. confertum* Baker var. *aureum* A.V.Duthie (1)

Perennial. Geophyte. Ht up to 0.06 m. Alt? WC

sprengerianum Schinz = **E. cooperi** var. **cooperi***stoloniferum* Marloth = **E. capense** subsp. **stoloniferum****subincanum** P.L.Perry

Perennial. Geophyte. Ht up to 0.25 m. Alt? WC

subpilosum Poelln. (insufficiently known) (1)**subtile** P.L.Perry

Perennial. Geophyte. Ht up to 0.2 m. Alt?–840 m. WC

tenellum Baker = **E. porphyrovalve***thyrsoideum* Baker = **E. capense** subsp. **capense****titanopsoides** P.L.Perry

Perennial. Geophyte. Ht up to 0.03 m. Alt? WC

tortuosum Dammer = **E. bakerianum** subsp. **tortuosum***tortuosum* Dammer var. *depauperatum* Poelln. = **E. bakerianum** subsp. **tortuosum****tuberculatum** P.L.Perry

Perennial. Geophyte. Ht up to 0.03 m. Alt? NC

tulbaghoides Baker (insufficiently known) (1)**undulatum** P.L.Perry

Perennial. Geophyte. Ht up to 0.32 m. Alt? NC

vallisgratiae Poelln. = **E. paradoxum***veratiforme* Poelln. = **E. mackeni** subsp. **mackeni****vermiforme** P.L.Perry

Perennial. Geophyte. Ht up to 0.15 m. Alt? WC

villosum Baker

Perennial. Geophyte. Ht up to 0.28 m. Alt? NC, WC

viscosum P.L.Perry

Perennial. Geophyte. Ht up to 0.15 m. Alt? NC

volkmanniae Dinter*E. asarifolium* Dinter (1)

Perennial. Geophyte. Ht up to 0.16 m. Alt?–1700 m. N

zeyheri R.A.Dyer

Perennial. Geophyte. Ht up to 0.5 m. Alt 10–915 m. NC,

WC, EC

FLAGELLARIACEAE

Compiled by C. Archer

FLAGELLARIA L.(1) Brown. 1897. *FC* 7: 15, 16.

0798000

guineensis Schumach.

Perennial. Climber. Ht 0.2–15 m. Alt 5–500 m. M, KZN, EC

HAEMODORACEAE

Compiled by R.H. Archer

BARBERETTA Harv.(1) Baker. 1896. *FC* 6: 2, 3.(2) Hilliard *et al.* 1971. *Notes from the Royal Botanic Garden Edinburgh* 31: 27–30.**aurea** Harv.

Perennial. Geophyte. Ht 0.1–0.3 m. Alt 600–1800 m. KZN, EC

DILATRIS P.J.Bergius(1) Barker. 1940. *Journal of South African Botany* 6: 147–164.(2) Obermeyer. 1971. *The Flowering Plants of Africa* 41: t. 1621.

1160000

(3) Goldblatt & Manning. 2000. *Strelitzia* 9: 92, 93 & 709.**corymbosa** P.J.Bergius

Perennial. Geophyte. Ht 0.2–0.4 m. Alt 20–250 m. WC

ixioides Lam.

Perennial. Geophyte. Ht 0.2–0.5 m. Alt 250–2000 m. NC, WC

paniculata L.f. = **D. viscosa****pillansii** W.F.Barker

Perennial. Geophyte. Ht 0.2–0.4 m. Alt 50–450 m. WC

viscosa L.f.*D. paniculata* L.f. (3)

Perennial. Geophyte. Ht 0.2–0.4 m. Alt 50–1600 m. WC

WACHENDORFIA Burm. 1162000

- (1) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 114.
 (2) Barker. 1949. *Journal of South African Botany* 15: 39–42.
 (3) Barker. 1950. In Adamson & Salter, *Flora of the Cape Peninsula*: 206.
 (4) Helme & Linder. 1992. *Bothalia* 22: 59–75.
 (5) Goldblatt & Manning. 2000. *Strelitzia* 9: 92, 93 & 709.

brachyandra W.F.Barker

Perennial. Geophyte. Ht 0.1–0.7 m. Alt 50–600 m. WC

brevifolia Sol. ex Ker Gawl. = **W. paniculata***graminea* Thunb., illegitimate name = **W. paniculata***graminifolia* L.f. = **W. paniculata***herbertii* Sweet = **W. paniculata***hirsuta* Thunb. = **W. paniculata****multiflora** (Klatt) J.C.Manning & Goldblatt*W. parviflora* W.F.Barker (5)

Perennial. Geophyte. Ht 0.1–0.4 m. Alt 15–500 m. WC

paniculata Burm.*W. brevifolia* Sol. ex Ker Gawl. (4)*W. graminea* Thunb., illegitimate name (4)*W. graminifolia* L.f. (4)*W. herbertii* Sweet (4)*W. hirsuta* Thunb. (4)*W. tenella* Thunb. (4)

Perennial. Geophyte. Ht 0.15–0.9 m. Alt 0–1700 m. NC, WC, EC

parviflora W.F.Barker = **W. multiflora***tenella* Thunb. = **W. paniculata****thysiflora** Burm.

Perennial. Geophyte. Ht 0.6–2.5 m. Alt 5–1200 m. WC, EC

HEMEROCALLIDACEAE

(alternatively Johnsoniaceae)

Compiled by C. Archer

CAESIA R.Br. 1002000(1) Obermeyer. 1973. *Bothalia* 11: 122, 123.(2) Perry. 1999. *Strelitzia* 8: 74.**capensis** (Bolos) Oberm.*Herpolirion capense* Bolus (1)*Nanolirion capense* (Bolos) Benth. & Hook. (1)

Perennial. Herb. Ht up to 0.07 m. Alt 1830–2135 m. WC

comosa (Thunb.) Spreng. = **Chlorophytum comosum****contorta** (L.f.) T.Durand & Schinz*Anthericum brevifolium* Thunb. (2)*Anthericum contortum* L.f. (1)*Bulbine brevifolia* (Thunb.) Roem. & Schult.f. (1)*Bulbinella brevifolia* (Thunb.) Kunth (1)*C. thunbergii* Roem. & Schult.f. (1)

Perennial. Herb. Ht 0.1–0.7 m. Alt 25–2000 m. KZN, NC, WC, EC

thunbergii Roem. & Schult.f. = **C. contorta****HERPOLIRION** Hook.f. 1014000*capense* Bolus = **Caesia capensis****NANOLIRION** Benth. 1002010*capense* (Bolos) Benth. & Hook. = **Caesia capensis****HYACINTHACEAE**

Compiled by J.C. Manning & P. Goldblatt

ALBUCA L. 1079000(1) Baker. 1897. *FC* 6: 253–528.(2) Phillips. 1926. *The Flowering Plants of South Africa* 6: tt. 206, 225.(3) Dyer. 1940. *The Flowering Plants of South Africa* 20: t. 773.(4) Dyer. 1947. *The Flowering Plants of Africa* 26: t. 1022.(5) Leighton. 1947. *Journal of South African Botany* 13: 58, 59.(6) Verdoorn. 1947. *The Flowering Plants of Africa* 26: t. 1009.(7) Leighton. 1948. *Journal of South African Botany* 14: 83.(8) Dyer. 1957. *The Flowering Plants of Africa* 32: t. 1255.(9) Verdoorn. 1959. *The Flowering Plants of Africa* 33: t. 1314.(10) Merxmüller. 1970. *FSWA* 147: 5–10.(11) Obermeyer. 1978. *Bothalia* 12: 372.(12) Hilliard & Burt. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40: 281, 282.(13) Hilliard & Burt. 1985. *Notes from the Royal Botanic Garden Edinburgh* 42: 247–251.(14) Müller-Doblies. 1994. *Feddes Repertorium* 105: 365–368.(15) Müller-Doblies. 1995. *Feddes Repertorium* 106: 353–370.(16) Stedje. 1996. *FTEA* Hyacinthaceae: 21–24.(17) Van Jaarsveld & Van Wyk. 1999. *Aloe* 36: 71–74.(18) Goldblatt & Manning. 2000. *Strelitzia* 9: 94–96, 709, 710.**abyssinica** Jacq.*A. angolensis* Welw. (16)*A. bainesii* Baker (10)*A. melleri* (Baker) Baker (16)

Perennial. Geophyte. Ht 0.45–1.52 m. Alt 15–1370 m. N, B, NW, M, S, KZN

acuminata Baker*A. convoluta* E.Phillips (14)

Perennial. Geophyte. Ht up to 0.2 m. Alt ?–800 m. N, NC, WC

affinis Baker

Perennial. Geophyte. Ht? Alt? NC

altissima Dryand. = **A. maxima***angolensis* Welw. = **A. abyssinica****amboensis** (Schinz) Oberm.*Ornithogalum amboense* Schinz (11)

Perennial. Geophyte. Ht? Alt? N, B

aperta I.Verd. = **Ornithogalum concordianum***aspera* U.Müll.-Doblies = **A. viscosa****aurea** Jacq.

Perennial. Geophyte. Ht up to 0.45 m. Alt? WC

bainesii Baker = **A. abyssinica****batteniana** Hilliard & B.L.Burt

Perennial. Geophyte. Ht? Alt? EC

- baurii** Baker, doubtfully distinct from **A. setosa**
- bifolia** Baker
Perennial. Geophyte. Ht? Alt? EC
- bifoliata** R.A.Dyer
Perennial. Geophyte. Ht? Alt ?–5 m. EC
- bontebokensis** U.Müll.-Doblies = **A. viscosa**
- brevipes** Baker = **Ornithogalum suaveolens**
- brucebayeri** U.Müll.-Doblies = **A. hallii**
- canadensis** (L.) F.M.Leight. = **A. maxima**
- caudata** Jacq.
Perennial. Geophyte. Ht 0.3–0.45 m. Alt? EC
- ciliaris** U.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? WC
- circinata** Baker = **A. namaquensis**
- clanwilliamgloria** U.Müll.-Doblies
Perennial. Geophyte. Ht 1–2 m. Alt? WC
- collina** Baker
Perennial. Geophyte. Ht 0.3–0.45 m. Alt? EC
- concordiana** Baker = **Ornithogalum concordianum**
- convoluta** E.Phillips = **A. acuminata**
- cooperi** Baker
A. karroica U.Müll.-Doblies (18)
Perennial. Geophyte. Ht 0.18–0.3 m. Alt 15–2200 m. N, NC, WC, EC
- corymbosa** Baker
Perennial. Geophyte. Ht up to 0.6 m. Alt? EC
- cremnophila** Van Jaarsv. & A.E.van Wyk
Perennial. Geophyte. Ht 1–2 m. Alt? EC
- crinifolia** Baker
Perennial. Geophyte. Ht ± 1 m. Alt? KZN
- crudenii** Archibald
Perennial. Geophyte. Ht? Alt ?–305 m. EC
- dalyae** Baker
Perennial. Geophyte. Ht? Alt? EC
- decipiens** U.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC, WC
- dinteri** U.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? N
- echinosperma** U.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? WC
- elliottii** Baker = **A. shawii**
- englerana** K.Krause & Dinter
Perennial. Geophyte. Ht? Alt? N
- etesiogaripensis** U.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? N, NC
- exuviata** Baker
Perennial. Geophyte. Ht 0.25–0.3 m. Alt 40–1160 m. EC
- fastigiata** Dryand.
Perennial. Geophyte. Ht up to 0.6 m. Alt 30–550 m. EC
- flaccida** Jacq.
A. materfamilias U.Müll.-Doblies (18)
Perennial. Geophyte. Ht up to 0.3 m. Alt? WC
- fleckii** Schinz, doubtfully distinct from **A. abyssinica**
- foetida** U.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.3 m. Alt? NC, WC
- fragrans** Jacq.
Perennial. Geophyte. Ht up to 0.6 m. Alt? WC
- glandulosa** Baker
Perennial. Geophyte. Ht 0.67–0.76 m. Alt 120–700 m. NC, WC
- glauca** Baker
Perennial. Geophyte. Ht 0.4–0.6 m. Alt 915–1525 m. G, M
- goswinii** U.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.3 m. Alt? WC
- granulata** Baker = **A. shawii**
- hallii** U.Müll.-Doblies
A. brucebayeri U.Müll.-Doblies (18)
Perennial. Geophyte. Ht? Alt? N, NC, WC
- hereroensis** Schinz
Perennial. Geophyte. Ht? Alt? N
- hesquaspoortensis** U.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? WC
- humilis** Baker
Perennial. Geophyte. Ht up to 1.67 m. Alt ?–2408 m. FS, KZN
- imbricata* F.M.Leight. = **A. juncifolia**
- jacquinii* U.Müll.-Doblies = **A. viscosa**
- juncifolia** Baker
A. imbricata F.M.Leight. (15)
Perennial. Geophyte. Ht up to 0.3 m. Alt 60–1220 m. WC
- karasbergensis** P.E.Glover
Perennial. Geophyte. Ht up to 0.5 m. Alt? N
- karooica* U.Müll.-Doblies = **A. cooperi**
- leucantha** U.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC
- longifolia** Baker
Perennial. Geophyte. Ht? Alt? EC
- longipes** Baker
Perennial. Geophyte. Ht? Alt ?–930 m. NC, WC, EC
- macowanii** Baker
Perennial. Geophyte. Ht? Alt 155–2277 m. EC
- major* L. = **A. maxima**
- massonii** Baker
Perennial. Geophyte. Ht up to 0.15 m. Alt? WC
- materfamilias* U.Müll.-Doblies = **A. flaccida**
- maxima** Burm.f.
A. altissima Dryand. (14)
A. canadensis (L.) F.M.Leight. (14)
A. major L. (14)
Perennial. Geophyte. Ht 0.3–1 m. Alt? NC, WC
- melleri* (Baker) Baker = **A. abyssinica**
- micrantha* Baker = **Ornithogalum secundum**
- minima* Baker = **A. shawii**
- monophylla** Baker
Perennial. Geophyte. Ht 0.3–1 m. Alt? N
- namaquensis** Baker
A. circinata Baker (14)
Perennial. Geophyte. Ht up to 0.24 m. Alt? N, NC, WC, EC
- nana** Schönland
Perennial. Geophyte. Ht? Alt? EC
- navicula** U.Müll.-Doblies
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? WC
- nelsonii** N.E.Br.
Perennial. Geophyte. Ht 0.91–1.67 m. Alt 30–1680 m. FS, KZN, EC

- odoratissima* Dinter = **A. viscosa**
pachychlamys Baker = **A. setosa**
papyracea J.C.Manning & Goldblatt
 Perennial. Geophyte. Ht 0.2–0.6 m. Alt? WC
paradoxa Dinter
 Perennial. Geophyte. Ht 0.2–0.4 m. Alt? NC, WC
patersoniae Schönland, doubtfully distinct from **A. setosa**
polyphylla Baker
 Perennial. Geophyte. Ht up to 0.15 m. Alt? EC
prolifera Wilson
 Perennial. Geophyte. Ht? Alt ?–1065 m. EC
reflexa Dinter & K.Krause
 Perennial. Geophyte. Ht? Alt? N
robertsoniana U.Müll.-Doblies
 Perennial. Geophyte. Ht? Alt? WC
rogersii Schönland
 Perennial. Geophyte. Ht? Alt? EC
rupestris Hilliard & B.L.Burt
 Perennial. Geophyte. Ht? Alt ?–2286 m. KZN
schlechteri Baker
 Perennial. Geophyte. Ht? Alt? NC
schonlandii Baker
 Perennial. Geophyte. Ht? Alt? EC
semipedalis Baker = **Ornithogalum semipedale**
setosa Jacq.
A. pachychlamys Baker (10)
 Perennial. Geophyte. Ht 0.05–1.82 m. Alt 10–3200 m.
 KZN, NC, WC, EC
shawii Baker
A. elliotii Baker (12)
A. granulata Baker (15)
A. minima Baker (12)
A. trichophylla Baker (12)
 Perennial. Geophyte. Ht 0.12–3.04 m. Alt 533–2400 m.
 M, FS, KZN, L, EC
spiralis L.f.
 Perennial. Geophyte. Ht up to 0.4 m. Alt 60–2255 m. NC,
 WC
tenuifolia Baker
 Perennial. Geophyte. Ht? Alt? Distr?
tortuosa Baker
 Perennial. Geophyte. Ht up to 0.3 m. Alt? EC
trachyphylla U.Müll.-Doblies
 Perennial. Geophyte. Ht? Alt? NC
transvaalensis Mogg, doubtfully distinct from **A. glauca**
trichophylla Baker = **A. shawii**
villosa U.Müll.-Doblies
 Perennial. Geophyte. Ht? Alt? NC
viscosa L.f.
A. aspera U.Müll.-Doblies (18)
A. bontebokensis U.Müll.-Doblies (18)
A. jacquinii U.Müll.-Doblies (18)
A. odoratissima Dinter (16)
A. viscosella U.Müll.-Doblies (18)
 Perennial. Geophyte. Ht 0.15–0.6 m. Alt 47–1400 m. N,
 NC, WC
viscosella U.Müll.-Doblies = **A. viscosa**
weberlingiorum U.Müll.-Doblies
 Perennial. Geophyte. Ht? Alt? WC, EC
xanthocodon Hilliard & B.L.Burt
 Perennial. Geophyte. Ht? Alt? EC
AMPHISIPHON W.F.Barker 1101020
stylosa W.F.Barker = **Daubenya stylosa**
ANDROSIPHON Schltr. 1101010
capense Schltr. = **Daubenya capensis**
BOWIEA Harv. ex Hook.f. 1011000
 (1) Baker. 1896. *FC* 6: 367.
 (2) Dyer. 1941. *The Flowering Plants of South Africa* 21: t. 815.
 (3) Van Jaarsveld. 1983. *Journal of South African Botany* 49: 343–346.
 (4) Bruyns & Vosa. 1987. *Caryologia* 40: 287–297.
 (5) Reid *et al.* 1990. *The Flowering Plants of Africa* 51: t. 2007.
 (6) Van Jaarsveld. 1992. *British Cactus and Succulent Journal* 10: 96–98.
africana Haw. = **Aloe bowiea**
gariensis Van Jaarsv. = **B. volubilis** subsp. **gariensis**
kilimandscharica Mildbr. = **B. volubilis** subsp. **volubilis**
myriacantha Haw. = **Aloe myriacantha**
volubilis Harv. ex Hook.f. subsp. **gariensis** (Van Jaarsv.)
 Bruyns
B. gariensis Van Jaarsv. (4)
 Perennial. Geophyte, succulent. Ht up to 1.4 m. Alt? N, NC
volubilis Harv. ex Hook.f. subsp. **volubilis**
B. kilimandscharica Mildbr. (4)
 Perennial. Geophyte, climber, succulent. Ht 0.2–10 m.
 Alt 365–2135 m. LIM, G, M, FS, KZN, EC
DAUBENYA Lindl. 1102000
 (1) Phillips. 1922. *The Flowering Plants of South Africa* 2: tt. 56, 71.
 (2) Schlechter. 1924. *Notizblatt des Botanischen Gartens und Museums zu Berlin-Dahlem* 9: 145–151.
 (3) Isaac. 1939. *The Flowering Plants of South Africa* 19: t. 729.
 (4) Jessop. 1976. *Journal of South African Botany* 42: 401–437.
 (5) Müller-Doblies & Müller-Doblies. 1997. *Feddes Repertorium* 108: 49–96.
 (6) Goldblatt & Manning. 2000. *Strelitzia* 9: 96, 712, 713.
 (7) Manning & Van der Merwe. 2002. *Bothalia* 32: 133–150.
alba A.M.van der Merwe
 Perennial. Geophyte. Ht up to 0.02 m. Alt 1000–1500 m. NC
angustifolia (L.f.) A.M.van der Merwe & J.C.Manning
 = **Massonia echinata**
aurea Lindl.
D. aurea Lindl. var. *coccinea* (Harv. ex Baker) Marloth (1)
D. coccinea Harv. ex Baker (1)
D. fulva Lindl. (4)
 Perennial. Geophyte. Ht up to 0.05 m. Alt ± 1500 m. NC
aurea Lindl. var. *coccinea* (Harv. ex Baker) Marloth =
D. aurea
capensis (Schltr.) A.M.van der Merwe & J.C.Manning
Androsiphon capense Schltr. (6)
 Perennial. Geophyte. Ht up to 0.06 m. Alt ± 800 m. NC
coccinea Harv. ex Baker = **D. aurea**
comata (Burch. ex Baker) J.C.Manning & A.M.van der
 Merwe
Massonia comata Burch. ex Baker (7)
Neobakeria comata (Burch. ex Baker) Schltr. (7)
 Perennial. Geophyte. Ht up to 0.05 m. Alt 1200–1500 m.
 NW, FS, WC, EC
fulva Lindl. = **D. aurea**
marginata (Willd. ex Kunth) J.C.Manning & A.M.van der
 Merwe

Massonia angustifolia in sense of Jessop, not of L.f., misapplied name (7)
Massonia marginata Willd. ex Kunth. (7)
Massonia rugulosa Licht. ex Kunth
Neobakeria haemanthoides (Baker) Schltr. (4)
Neobakeria marginata (Willd. ex Kunth) Schltr. (4)
Neobakeria rugulosa (Licht. ex Kunth) Schltr. (4)
Polyxena haemanthoides Baker (4)
 Perennial. Geophyte. Ht up to 0.06 m. Alt 200–1500 m.
 NC, WC

namaquensis (Schltr.) J.C.Manning & Goldblatt
Neobakeria namaquensis Schltr. (6)
 Perennial. Geophyte. Ht up to 0.09 m. Alt ± 1000 m. NC

stylosa (Barker) A.M.van der Merwe & J.C.Manning
Amphisiphon stylosum W.F.Barker, as 'stylosa' (6)
 Perennial. Geophyte. Ht up to 0.05 m. Alt ± 800 m. NC

zeyheri (Kunth) J.C.Manning & A.M.van der Merwe
Massonia burchellii Baker (4)
Massonia pedunculata Baker (4)
Massonia zeyheri Kunth (7)
Neobakeria burchellii (Baker) Schltr. (4)
 Perennial. Geophyte. Ht up to 0.05 m. Alt up to 50 m. WC

DIPCADI Medik. 1084000

- (1) Dyer. 1944. *The Flowering Plants of South Africa* 24: tt. 934, 956.
- (2) Obermeyer. 1964. *The Flowering Plants of Africa* 36: t. 1429.
- (3) Obermeyer. 1964. *Bothalia* 8: 117–137.

bakerianum Bolus
D. hyacinthoides (Spreng.) Baker (3)
 Perennial. Geophyte. Ht 0.2–0.5 m. Alt 915–2000 m. N,
 B, NW, FS, NC

bakerianum Schinz = **D. marlothii**

brevifolium (Thunb.) Fourc.
 Perennial. Geophyte. Ht 0.1–0.4 m. Alt 45–1400 m. N, NC,
 EC

ciliare (Zeyh. ex Harv.) Baker
 Perennial. Geophyte. Ht 0.15–0.6 m. Alt 30–1435 m. NW,
 G, FS, KZN, WC, EC

crispum Baker
D. tortile R.A.Dyer (3)
 Perennial. Geophyte. Ht 0.05–0.3 m. Alt 70–300 m. N, NC,
 WC

dipcadioides Baker = **D. gracillimum**

elatum Baker = **D. viride**

ernesti-ruschii Dinter = **D. marlothii**

firmifolium Baker = **D. longifolium**

glaucum (Ker Gawl.) Baker
 Perennial. Geophyte. Ht 0.2–1.52 m. Alt 441–1675 m. N,
 B, LIM, NW, M, FS, NC

gracillimum Baker
D. dipcadioides Baker (3)
D. polyphyllum Baker (3)
 Perennial. Geophyte. Ht 0.15–0.6 m. Alt 10–2195 m. N, B,
 G, M, S, FS, KZN, L, NC

hyacinthoides (Spreng.) Baker = **D. brevifolium**

longifolium (Lindl.) Baker
D. firmifolium Baker (3)
D. venenatum Schinz (3)
 Perennial. Geophyte. Ht 0.18–0.7 m. Alt 590–915 m. N, B,
 NC

marlothii Engl.

D. bakerianum Schinz. (3)
D. ernesti-ruschii Dinter (3)
D. oligotrichum Baker (3)
 Perennial. Geophyte. Ht 0.1–2.43 m. Alt 55–2285 m. N, B,
 LIM, G, M, S, FS, KZN, NC

oligotrichum Baker = **D. marlothii**

palustre Baker = **D. viride**

papillatum Oberm.
 Perennial. Geophyte. Ht 0.1–0.5 m. Alt 315–1065 m. N,
 LIM, G, FS, NC

platyphyllum Baker
 Perennial. Geophyte. Ht 0.07–0.2 m. Alt 885–1035 m. N,
 B, LIM, NC

polyphyllum Baker = **D. gracillimum**

rigidifolium Baker
 Perennial. Geophyte. Ht 0.22–0.45 m. Alt ?–1220 m. B,
 LIM, NW, G, M, NC

tortile R.A.Dyer = **D. crispum**

umbonatum (Baker) Baker = **D. viride**

vaginatum Baker
 Perennial. Geophyte. Ht 0.1–0.4 m. Alt 855–1065 m. N,
 B, NW, NC

venenatum Schinz = **D. longifolium**

viride (L.) Moench
D. elatum Baker (3)
D. palustre Baker (3)
D. umbonatum (Baker) Baker (3)
 Perennial. Geophyte. Ht 0.2–1.67 m. Alt 5–2651 m. N,
 B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

DRIMIA Jacq. 1082000

- (1) Baker. 1897. *FC* 6: 367, 436–445.
- (2) Wright. 1916. *Kew Bulletin* 1916: 233, 234.
- (3) Phillips. 1924. *The Flowering Plants of South Africa* 4: tt. 138, 142.
- (4) Dyer. 1942. *The Flowering Plants of South Africa* 22: t. 854, 858, 859.
- (5) Dyer. 1943. *The Flowering Plants of South Africa* 23: t. 890.
- (6) Dyer. 1947. *The Flowering Plants of Africa* 26: t. 1027.
- (7) Dyer. 1951. *The Flowering Plants of Africa* 28: t. 1117.
- (8) Dyer. 1964. *The Flowering Plants of Africa* 36: t. 1439.
- (9) Nordenstam. 1970. *Botaniska Notiser* 123: 155–182.
- (10) Stirton. 1976. *Bothalia* 12: 161–165.
- (11) Jessop. 1977. *Journal of South African Botany* 43: 265–319.
- (12) Obermeyer. 1980. *Bothalia* 13: 452, 453.
- (13) Obermeyer. 1981. *Journal of South African Botany* 47: 577.
- (14) Wijnands. 1983. *The botany of the Commelins*: 130, 131.
- (15) Hilliard & Burtt. 1984. *Notes from the Royal Botanic Garden Edinburgh* 42: 227–260.
- (16) Snijman. 1985. *South African Journal of Botany* 51: 283–286.
- (17) Stedje. 1987. *Nordic Journal of Botany* 7: 655–666.
- (18) Snijman *et al.* 1999. *Novon* 9: 111–113.
- (19) Goldblatt & Manning. 2000. *Strelitzia* 9: 97–99, 710–712.
- (20) Manning & Goldblatt. 2003. *Bothalia* 33: 109–111.

albiflora (B.Nord.) J.C.Manning & Goldblatt
Rhadamanthus albiflorus B.Nord. (19)
 Perennial. Geophyte. Ht up to 0.25 m. Alt ?–800 m. WC

alta R.A.Dyer = **D. elata**

altissima (L.f.) Ker Gawl.
Urginea altissima (L.f.) Baker (11)
Urginea epigea R.A.Dyer (11)
 Perennial. Geophyte. Ht 1–2.5 m. Alt 50–915 m. N, B, LIM,
 NW, G, M, S, FS, KZN, EC

angustifolia Baker
Thuranthos basuticum (E.Phillips) Oberm.
Urginea basutica E.Phillips (11)
 Perennial. Geophyte. Ht up to 0.91 m. Alt ?–1465 m. LIM,
 G, FS, KZN, L, NC, EC

anomala (Baker) Baker
 Perennial. Geophyte. Ht up to 0.8 m. Alt 30–610 m. KZN,
 EC

- arenicola** (B.Nord.) J.C.Manning & Goldblatt
Rhadamanthus arenicola B.Nord. (19)
Perennial. Geophyte. Ht up to 0.15 m. Alt ?–366 m. NC, WC
- barkeriae** Oberm. ex J.C.Manning & Goldblatt
Perennial. Geophyte. Ht 0.1–0.2 m. Alt ± 200 m. WC
- calcarata** (Baker) Stedje
D. modesta (Baker) Jessop (15)
Urginea calcarata (Baker) Hilliard & Burt (17)
Urginea modesta Baker (11)
Urginea natalensis Baker (11)
Urginea pretoriensis Baker (11)
Urginea rubella Baker (11)
Urginea tenella Baker (11)
Perennial. Geophyte. Ht 0.07–0.45 m. Alt 160–2713 m.
LIM, NW, M, S, FS, KZN, EC
- capensis** (Burm.f.) Wijnands
D. forsteri (Baker) Oberm. (14)
Urginea forsteri Baker (12)
Perennial. Geophyte. Ht 0.45–2.13 m. Alt 20–490 m. NC, WC, EC
- capitata** Baker = **D. sphaerocephala**
- convallarioides** (L.f.) J.C.Manning & Goldblatt
Rhadamanthus convallarioides (L.f.) Baker (19)
Rhadamanthus montanus B.Nord. (19)
Perennial. Geophyte. Ht 0.15–0.25 m. Alt ?–610 m. NC, WC
- ciliaris** Jacq. ex Willd. = **D. elata**
- ciliata** (L.f.) J.C.Manning & Goldblatt
Urginea ciliata (L.f.) Baker (20)
Perennial. Geophyte. Ht? Alt ?–85 m. WC, EC
- cooperi** (Baker) Baker
Perennial. Geophyte. Ht up to 0.6 m. Alt? EC
- cuscutoides** (Burch. ex Baker) J.C.Manning & Goldblatt
Schizobasis cuscutoides (Burch. ex Baker) Benth. & Hook. (20)
Perennial. Geophyte. Ht 0.05–0.7 m. Alt 250–3540 m. N, B, LIM, M, S, FS, KZN, NC, WC
- cyanelloides** (Baker) J.C.Manning & Goldblatt
Rhadamanthus cyanelloides Baker (19)
Perennial. Geophyte. Ht up to 0.06 m. Alt ?–640 m. EC
- delagoensis** (Baker) Jessop
Urginea delagoensis Baker (11)
Urginea lydenburgensis R.A.Dyer (11)
Perennial. Geophyte, succulent. Ht 0.45–0.7 m. Alt 75–1060 m. M, S, KZN
- depressa** (Baker) Jessop
Urginea capitata (Hook.) Baker (11)
Urginea depressa Baker (11)
Perennial. Geophyte. Ht up to 0.2 m. Alt up to 2400 m.
LIM, G, M, S, KZN, L, NC, EC
- dregei** (Baker) J.C.Manning & Goldblatt
Urginea dregei Baker (19)
Perennial. Geophyte. Ht up to 0.4 m. Alt 5–1295 m. NC, WC
- elata** Jacq.
D. alta R.A.Dyer (11)
D. ciliaris Jacq. ex Willd. (11)
D. robusta Baker (11)
Perennial. Geophyte. Ht 0.22–1.8 m. Alt 15–1650 m.
B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC
- exuviata** (Jacq.) Jessop
Sypharissa exuviata (Jacq.) Salisb. ex Oberm. (11)
Tenicroa exuviata (Jacq.) Speta (11)
Urginea exuviata (Jacq.) Steinh. (11)
Perennial. Geophyte. Ht up to 1 m. Alt 15–2000 m. NC, WC, EC
- fasciata** (B.Nord) J.C.Manning & Goldblatt
Rhadamanthus fasciatus B.Nord. (19)
Perennial. Geophyte. Ht up to 0.25 m. Alt ?–1160 m. N, NC
- filifolia** (Jacq.) J.C.Manning & Goldblatt.
Sypharissa filifolia (Jacq.) Salisb. ex Oberm. (11)
Tenicroa filifolia (Jacq.) Oberm. (11)
Urginea filifolia (Jacq.) Steinh. (11)
Perennial. Geophyte. Ht 0.1–0.3 m. Alt 100–2175 m. WC
- forsteri** (Baker) Oberm. = **D. capensis**
- fragrans** (Jacq.) J.C.Manning & Goldblatt
Sypharissa fragrans (Jacq.) Salisb. ex Oberm. (11)
Tenicroa fragrans (Jacq.) Raf. (11)
Urginea fragrans (Jacq.) Steinh. (11)
Perennial. Geophyte. Ht up to 0.3 m. Alt 75–1525 m. WC
- haworthioides** Baker
Perennial. Geophyte. Ht up to 0.4 m. Alt 20–610 m. WC, EC
- hesperantha** J.C.Manning & Goldblatt
D. revoluta (A.V.Duthie) J.C.Manning & Goldblatt, illegitimate name (20)
Urginea revoluta A.V.Duthie (19)
Perennial. Geophyte. Ht 0.05–0.25 m. Alt 100–600 m. WC
- hyacinthoides** Baker
Perennial. Geophyte. Ht up to 0.7 m. Alt 185–610 m. EC
- indica** (Roxb.) Kunth
Urginea amboensis Baker (11)
Urginea indica (Roxb.) Kunth (11)
Perennial. Geophyte. Ht up to 0.5 m. Alt? N, M, KZN
- intricata** (Baker) J.C.Manning & Goldblatt
Schizobasis intricata (Baker) Baker (19)
Schizobasis macowanii Baker (11)
Perennial. Geophyte, Ht 0.05–0.7 m. Alt 250–3540 m. N, B, LIM, M, S, FS, KZN, NC, WC
- involuta** (J.C.Manning & Snijman) J.C.Manning & Goldblatt
Rhadamanthus involutus J.C.Manning & Snijman (19)
Perennial. Geophyte. Ht up to 0.25 m. Alt ± 800 m. NC
- karooica** (Oberm.) J.C.Manning & Goldblatt
Rhadamanthus karooicus Oberm. (19)
Perennial. Geophyte. Ht up to 0.22 m. Alt? NC, WC
- kniphofioides** (Baker) J.C.Manning & Goldblatt
Urginea kniphofioides Baker (20)
Perennial. Geophyte. Ht up to 2.5 m. Alt? M, KZN
- macrantha** (Baker) Baker
Urginea macrantha (Baker) E.Phillips (12)
Thuranthos macranthum (Baker) C.H.Wright (11)
Thuranthos nocturnale R.A.Dyer (4)
Perennial. Geophyte. Ht up to 1.4 m. Alt 365–670 m.
KZN, EC
- macrocentra** (Baker) Jessop
Urginea echinostachys Baker (11)
Urginea lilacina Baker (11)
Urginea macrocentra Baker (11)
Perennial. Geophyte. Ht 0.4–1.5 m. Alt 15–2685 m.
KZN, EC
- marginata** (Thunb.) Jessop
Urginea marginata (Thunb.) Baker (11)
Perennial. Geophyte. Ht up to 0.3 m. Alt 570–1000 m.
NC, WC
- media** Jacq.
Perennial. Geophyte. Ht up to 0.6 m. Alt 20–490 m.
WC
- minor** (A.V.Duthie) Jessop
Urginea minor A.V.Duthie (11)

- Perennial. Geophyte. Ht up to 0.09 m. Alt ?–2000 m. NC, WC
- modesta* (Baker) Jessop = **D. calcarata**
- multifolia** (G.J.Lewis) Jessop
Sypharissa multifolia (G.J.Lewis) Oberm. (11)
Tenicroa multifolia (G.J.Lewis) Oberm. (11)
Urginea multifolia G.J.Lewis (11)
Perennial. Geophyte. Ht up to 0.25 m. Alt 700–795 m. NC, WC
- multisetosa** (Baker) Jessop
Urginea multisetosa Baker (11)
Perennial. Geophyte. Ht 0.2–0.8 m. Alt 955–1750 m. LIM, NW, G, M, FS, KZN, EC
- namibensis** (Oberm.) J.C.Manning & Goldblatt
Rhadamanthus namibensis Oberm. (19)
Perennial. Geophyte. Ht up to 0.3 m. Alt? N
- nana** (Snijman) J.C.Manning & Goldblatt
Tenicroa nana Snijman (20)
Perennial. Geophyte. Ht up to 0.1 m. Alt? NC
- neriniformis* Baker = **D. sphaerocephala**
- platyphylla** (B.Nord.) J.C.Manning & Goldblatt
Rhadamanthus platyphyllus B.Nord. (19)
Perennial. Geophyte. Ht up to 0.3 m. Alt ?–1525 m. N, FS, NC, WC
- physodes** (Jacq.) Jessop
Urginea physodes (Jacq.) Baker (11)
Urginea pusilla (Jacq.) Baker (20)
Perennial. Geophyte. Ht up to 0.25 m. Alt? N, NC, WC
- pusilla** Jacq.
Perennial. Geophyte. Ht up to 0.1 m. Alt up to 200 m. WC
- revoluta* (A.V.Duthie) J.C.Manning & Goldblatt, illegitimate name = **D. hesperantha**
- revoluta* (L.f.) Kunth = **Ledebouria revoluta**
- robusta* Baker = **D. elata**
- salteri** (Compton) J.C.Manning & Goldblatt
Urginea salteri Compton (19)
Perennial. Geophyte. Ht? Alt? WC
- sanguinea** (Schinz) Jessop
Urginea burkei Baker (9)
Urginea sanguinea Schinz (11)
Perennial. Geophyte. Ht 0.1–0.9 m. Alt 838–1435 m. N, B, LIM, NW, NC
- saniensis** (Hilliard & B.L.Burtt) J.C.Manning & Goldblatt
Urginea saniensis Hilliard & B.L.Burtt (20)
Perennial. Geophyte. Ht up to 0.01 m. Alt? L
- sclerophylla** J.C.Manning & Goldblatt
Urginea rigidifolia Baker (19)
Perennial. Geophyte. Ht? Alt? WC, EC
- secunda** (B.Nord.) J.C.Manning & Goldblatt
Rhadamanthus secundus B.Nord. (19)
Perennial. Geophyte. Ht up to 0.15 m. Alt? N
- sphaerocephala** Baker
Drimia capitata Baker (11)
Drimia neriniformis Baker (11)
Perennial. Geophyte. Ht 0.32–0.7 m. Alt 230–2425 m. LIM, M, S, FS, KZN, EC
- uniflora** J.C.Manning & Goldblatt
Litanthus pusillus Harv. (19)
Perennial. Geophyte. Ht 0.01–0.39 m. Alt 650–3000 m. G, S, FS, KZN, WC, EC
- uranthera** (R.A.Dyer) J.C.Manning & Goldblatt
Rhadamanthus urantherus R.A.Dyer (19)

- Perennial. Geophyte. Ht up to 0.2 m. Alt? WC
- virens** (Schltr.) J.C.Manning & Goldblatt
Urginea virens Schltr. (19)
Perennial. Geophyte. Ht up to 0.4 m. Alt? WC

DRIMIOPSIS Lindl. & Paxton 1090000

- (1) Van der Merwe. 1944. *The Flowering Plants of South Africa* 24: t. 957.
(2) Van der Merwe. 1945. *The Flowering Plants of Africa* 25: tt. 975, 976.
(3) Jessop. 1972. *Journal of South African Botany* 38: 151–162.
(4) Müller-Doblies & Müller-Doblies. 1997. *Feddes Repertorium* 108: 49–65.
- atropurpurea** N.E.Br.
D. purpurea Van der Merwe (4)
Perennial. Geophyte. Ht up to 0.3 m. Alt 885–1465 m. G, M, KZN
- burkei** Baker subsp. **burkei**
D. crenata Van der Merwe (3)
Perennial. Geophyte. Ht up to 0.3 m. Alt 885–1465 m. G, M, KZN
- burkei** Baker subsp. **stolonissima** U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.3 m. Alt 885–1465 m. M
- comptonii** U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.3 m. Alt 885–1465 m. M
- crenata* Van der Merwe = **D. burkei** subsp. **burkei**
- davidsoniae** U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.3 m. Alt 885–1465 m. S
- lachenalioides* (Baker) Jessop = **Resnova lachenalioides**
- maculata** Lindl.
Drimiopsis minor Baker (4)
Perennial. Geophyte. Ht up to 0.3 m. Alt 25–1340 m. G, M, S, KZN, EC
- maxima* Baker = **Resnova humifusa**
- minor* Baker = **D. maculata**
- purpurea* Van der Merwe = **D. atropurpurea**
- pusilla** U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.3 m. Alt 25–1340 m. S
- reilleyana** U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.3 m. Alt 885–1465 m. S
- saundersiae* Baker = **Resnova humifusa**
- woodii** Baker
Perennial. Geophyte. Ht up to 0.3 m. Alt 25–1340 m. KZN
- ELSIEA** F.M.Leight. 1089010
- flanaganii* (Baker) F.M.Leight. = **Ornithogalum paludosum**
- EUCOMIS** L'Hér. 1088000
- (1) Baker. 1897. *FC* 6: 253–528.
(2) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 220.
(3) Verdoorn. 1944. *The Flowering Plants of South Africa* 24: tt. 953–955.
(4) Reyneke. 1974. *Journal of South African Botany* 40: 61–63.
(5) Reyneke. 1976. *Journal of South African Botany* 42: 361–364.
(6) Reyneke. 1980. *Bothalia* 13: 140–142.
(7) Reyneke. 1972. 'n *Monografiese studie van die genus Eucomis L'Hér. in Suid-Afrika*. Unpublished M.Sc. thesis, University of Pretoria.
- autumnalis** (Mill.) Chitt. subsp. **amaryllidifolia** (Baker) Reyneke
Perennial. Geophyte. Ht 0.1–0.3 m. Alt ?–1830 m. FS, EC
- autumnalis** (Mill.) Chitt. subsp. **autumnalis**
E. undulata Aiton (6)
Perennial. Geophyte. Ht 0.15–0.55 m. Alt 460–1890 m. LIM, NC, EC

autumnalis (Mill.) Chitt. subsp. **clavata** (Baker) Reyneke
E. robusta Baker (6)
E. undulata in sense of Letty; Trauseld, not of Aiton, misapplied name (6)
 Perennial. Geophyte. Ht 0.12–0.6 m. Alt 45–2650 m. B,
 LIM, NW, G, M, S, FS, KZN, L

bicolor Baker
 Perennial. Geophyte. Ht 0.35–0.6 m. Alt ?–2745 m. M, FS,
 KZN, L, EC

comosa (Houtt.) Wehrh. var. **comosa**
E. punctata L'Hér. (7)
 Perennial. Geophyte. Ht 0.2–1 m. Alt 120–2000 m. KZN,
 EC

comosa (Houtt.) Wehrh. var. **striata** (Don) Willd.
 Perennial. Geophyte. Ht 0.6–0.9 m. KZN, EC

humilis Baker
 Perennial. Geophyte. Ht 0.14–0.38 m. Alt ?–2285 m. KZN,
 L

montana Compton
 Perennial. Geophyte. Ht 0.25–0.45 m. Alt ?–2076 m. M,
 S, KZN

nana (Burm.f.) L'Hér. = **E. regia**

pallidiflora Baker
E. pole-evansii N.E.Br. (7)
 Perennial. Geophyte. Ht 0.38–2.2 m. Alt 915–2076 m. M,
 S, FS, KZN, L, EC

pillansii L.Guthrie = **E. regia**

pole-evansii N.E.Br. = **E. pallidiflora**

punctata L'Hér. = **E. comosa** var. **comosa**

regia (L.) L'Hér.
E. nana (Burm.f.) L'Hér. (4)
E. pillansii L.Guthrie (7)
 Perennial. Geophyte. Ht 0.02–0.12 m. Alt 10–1525 m.
 NC, WC

robusta Baker = **E. autumnalis** subsp. **clavata**

schijffii Reyneke
 Perennial. Geophyte. Ht 0.1–0.15 m. Alt 1400–3150 m.
 KZN, L, EC

undulata Aiton = **E. autumnalis** subsp. **autumnalis**
undulata in sense of Letty; Trauseld, not of Aiton, misapplied
 name = **E. autumnalis** subsp. **clavata**

vandermerwei I.Verd.
 Perennial. Geophyte. Ht 0.25–0.5 m. Alt ?–2195 m. M

zambesiaca Baker
 Perennial. Geophyte. Ht 0.12–0.25 m. Alt 1200–2400 m.
 LIM

GALTONIA Decne. 1081000

- (1) Verdoorn. 1955. *The Flowering Plants of Africa* 30: t. 1188.
- (2) Hilliard & Burt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 345–405.
- (3) Hilliard & Burt. 1988. *Notes from the Royal Botanic Garden Edinburgh* 45: 95–104.
- (4) Riddles & Condy. 2001. *Flowering Plants of Africa* 57: 30–32, t. 2165.

candicans (Baker) Decne.
 Perennial. Geophyte. Ht 0.01–2 m. Alt 1350–2150 m. M,
 FS, KZN, L, EC

clavata Mast. = **Pseudogaltonia clavata**

princeps (Baker) Decne.
 Perennial. Geophyte. Ht 1.5–1.67 m. Alt 60–1525 m. KZN,
 EC

regalis Hilliard & B.L.Burt
 Perennial. Geophyte. Ht up to 0.8 m. Alt 1770–3000 m.
 KZN, L

viridiflora I.Verd.
 Perennial. Geophyte. Ht up to 0.91 m. Alt 2100–2530 m.
 FS, L, EC

HYACINTHUS L. 1093000

corymbosus L. = **Polyxena corymbosa**
paucifolius W.F.Barker = **Polyxena paucifolia**

LACHENALIA J.Jacq. ex Murray 1098000

- (1) Baker. 1897. *FC* 6: 421–436.
- (2) Schönland. 1910. *Transactions of the Royal Society of South Africa* 1: 443.
- (3) Dinter. 1920. *Repertorium specierum novarum regni vegetabilis* 16: 341, 342.
- (4) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 91.
- (5) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 158.
- (6) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 166, 184.
- (7) Barker. 1930. *South African Gardening and Country Life* 20: 14.
- (8) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 374.
- (9) Barker. 1931. *The Flowering Plants of South Africa* 11: tt. 401, 422, 431.
- (10) Phillips. 1931. *The Flowering Plants of South Africa* 11: t. 405.
- (11) Dinter. 1932. *Repertorium specierum novarum regni vegetabilis* 30: 84.
- (12) Barker. 1933. *The Flowering Plants of South Africa* 13: tt. 505–508.
- (13) Fourcade. 1934. *Transactions of the Royal Society of South Africa* 21: 79.
- (14) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 950.
- (15) Barker. 1949. *Journal of South African Botany* 15: 37–39.
- (16) Barker. 1966. *Botaniska Notiser* 119: 201–207.
- (17) Ingram. 1966. *Baileya* 14: 123–132.
- (18) Barker. 1969. *Journal of South African Botany* 35: 321, 322.
- (19) Barker. 1972. *Journal of South African Botany* 38: 179–183.
- (20) Barker. 1978. *Journal of South African Botany* 44: 391–418.
- (21) Barker. 1979. *The Flowering Plants of Africa* 45: t. 1794.
- (22) Barker. 1979. *The Flowering Plants of Africa* 46: t. 1808.
- (23) Barker. 1979. *Journal of South African Botany* 45: 193–219.
- (24) Barker. 1983. *Journal of South African Botany* 49: 432–444.
- (25) Barker. 1984. *Journal of South African Botany* 50: 535–547.
- (26) Reid. 1985. *The Flowering Plants of Africa* 48: t. 1910.
- (27) Barker. 1987. *South African Journal of Botany* 53: 166–172.
- (28) Duncan. 1987. *The Flowering Plants of Africa* 49: t. 1951.
- (29) Müller-Doblies et al. 1987. *South African Journal of Botany* 53: 481–488.
- (30) Duncan. 1988. *The Flowering Plants of Africa* 50: t. 1961.
- (31) Duncan. 1988. *Annals of Kirstenbosch Botanic Gardens* 17: 1–71.
- (32) Barker. 1989. *South African Journal of Botany* 55: 630–646.
- (33) Duncan. 1993. *The Flowering Plants of Africa* 52: t. 2061.
- (34) Duncan. 1996. *Bothalia* 26: 1–9.
- (35) Duncan. 1997. *Bothalia* 27: 7–15.
- (36) Duncan. 1998. *Bothalia* 28: 131–139.
- (37) Dold & Phillipson. 1998. *Bothalia* 28: 141–149.
- (38) Duncan & Linder Smith. 1999. *Flowering Plants of Africa* 56: t. 2144.
- (39) Duncan & Edwards. 2002. *Bothalia* 32: 190–192.

alba W.F.Barker ex G.D.Duncan
 Perennial. Geophyte. Ht 0.06–0.3 m. Alt? NC

algoensis Schönland
 Perennial. Geophyte. Ht 0.06–0.3 m. Alt 10–833 m. WC,
 EC

aloides (L.f.) Engl. var. **aloides**
L. tricolor Thunb. (17)
 Perennial. Geophyte. Ht 0.15–0.26 m. Alt 15–289 m. WC

aloides (L.f.) Engl. var. **aurea** (Lindl.) Engl.
 Perennial. Geophyte. Ht 0.06–0.25 m. Alt? WC

aloides (L.f.) Engl. var. **quadricolor** (Jacq.) Engl.
 Perennial. Geophyte. Ht 0.09–0.2 m. Alt ?–30 m. WC

aloides (L.f.) Engl. var. **vanzyliae** W.F.Barker
 Perennial. Geophyte. Ht 0.05–0.26 m. Alt ?–1300 m. WC

- ameliae** W.F.Barker
Perennial. Geophyte. Ht 0.04–0.12 m. Alt? WC
- angelica** W.F.Barker
Perennial. Geophyte. Ht 0.06–0.1 m. Alt? NC
- anguinea** Sweet
Perennial. Geophyte. Ht 0.1–0.35 m. Alt 305–390 m. NC, WC
- arbuthnotiae** W.F.Barker
Perennial. Geophyte. Ht 0.18–0.4 m. Alt? WC
- attenuata** W.F.Barker ex G.D.Duncan
Perennial. Geophyte. Ht ± 0.02 m. Alt? NC, WC
- aurioliae** G.D.Duncan
Perennial. Geophyte. Ht 0.05–0.12 m. Alt? WC, EC
- bachmannii** Baker
Perennial. Geophyte. Ht 0.15–0.3 m. Alt? WC
- barkeriana** U.Müll.-Doblies, B.Nord. & D.Müll.-Doblies
Perennial. Geophyte. Ht 0.15–0.2 m. Alt? NC
- bolusii** W.F.Barker
Perennial. Geophyte. Ht 0.1–0.35 m. Alt 460–1100 m. NC, WC
- bowieana* Baker = **L. nervosa**
- bowkeri** Baker
L. subspicata Fourc. (37)
Perennial. Geophyte. Ht 0.1–0.26 m. Alt ?–1800 m. EC
- buchbergensis** Dinter
Perennial. Geophyte. Ht 0.06–0.07 m. Alt? N, NC
- bulbifera** (Cirillo) Engl.
L. pendula Aiton (17)
Perennial. Geophyte. Ht 0.1–0.35 m. Alt 5–500 m. WC
- campanulata** Baker
L. rhodantha Baker (37)
Perennial. Geophyte. Ht? Alt ?–1200 m. EC
- capensis** W.F.Barker
Perennial. Geophyte. Ht 0.15–0.25 m. Alt? WC
- carnosa** Baker
L. ovatifolia L.Guthrie (32)
Perennial. Geophyte. Ht 0.08–0.7 m. Alt 300–1525 m. NC
- comptonii** W.F.Barker
Perennial. Geophyte. Ht 0.05–0.2 m. Alt 700–1000 m. NC, WC
- concordiana** Schltr. ex W.F.Barker
Perennial. Geophyte. Ht 0.06–0.2 m. Alt ?–550 m. NC
- congesta** W.F.Barker
Perennial. Geophyte. Ht 0.08–0.14 m. Alt ?–1615 m. NC
- contaminata** Aiton
Perennial. Geophyte. Ht 0.06–0.25 m. Alt 60–685 m. WC
- convallariodora* Stapf = **L. fistulosa**
- convallarioides** Baker
Perennial. Geophyte. Ht 0.05–0.14 m. Alt? EC
- cooperi** Baker, status doubtful
- dasybotrya** Diels
Perennial. Geophyte. Ht 0.05–0.1 m. Alt? NC
- dehoopensis** W.F.Barker
Perennial. Geophyte. Ht 0.08–0.16 m. Alt? WC
- doleritica** G.D.Duncan
Perennial. Geophyte. Ht 0.08–0.11 m. Alt? NC
- duncanii** W.F.Barker
Perennial. Geophyte. Ht 0.15–0.18 m. Alt? NC
- elegans** W.F.Barker var. **elegans**
Perennial. Geophyte. Ht 0.18–0.24 m. Alt ?–820 m. NC
- elegans** W.F.Barker var. **flava** W.F.Barker
Perennial. Geophyte. Ht 0.15–0.25 m. Alt? WC
- elegans** W.F.Barker var. **membranacea** W.F.Barker
Perennial. Geophyte. Ht 0.15–0.2 m. Alt? NC, WC
- elegans** W.F.Barker var. **suaveolens** W.F.Barker
Perennial. Geophyte. Ht 0.1–0.27 m. Alt? NC, WC
- esterhuysenae** W.F.Barker
Perennial. Geophyte. Ht 0.15–0.45 m. Alt? WC
- fistulosa** Baker
L. convallariodora Stapf (32)
Perennial. Geophyte. Ht 0.1–0.35 m. Alt 55–915 m. WC
- framesii** W.F.Barker
Perennial. Geophyte. Ht 0.09–0.15 m. Alt ?–275 m. NC, WC
- giessii** W.F.Barker
Perennial. Geophyte. Ht 0.06–0.16 m. Alt? N
- gillettii** W.F.Barker
Perennial. Geophyte. Ht 0.12–0.22 m. Alt? WC
- glauca* Jacq. = **L. orchioides** var. **glauca**
- glaucophylla** W.F.Barker
Perennial. Geophyte. Ht 0.09–0.25 m. Alt ?–1100 m. NC
- haarlemensis** Fourc.
Perennial. Geophyte. Ht 0.12–0.2 m. Alt ?–305 m. WC
- hirta** (Thunb.) Thunb. var. **exserta** W.F.Barker
Perennial. Geophyte. Ht 0.1–0.3 m. Alt? WC
- hirta** (Thunb.) Thunb. var. **hirta**
Perennial. Geophyte. Ht 0.1–0.3 m. Alt 115–700 m. NC, WC
- inconspicua** G.D.Duncan
Perennial. Geophyte. Ht 0.12–0.16 m. Alt? NC
- isopetala** Jacq.
Perennial. Geophyte. Ht 0.1–0.3 m. Alt? NC
- juncifolia** Baker var. **campanulata** W.F.Barker
Perennial. Geophyte. Ht 0.08–0.3 m. Alt? WC
- juncifolia** Baker var. **juncifolia**
Perennial. Geophyte. Ht 0.15–0.23 m. Alt 30–1005 m. WC
- karooica** W.F.Barker ex G.D.Duncan
Perennial. Geophyte. Ht 0.02–0.15 m. Alt? FS, NC, WC, EC
- klinghardtiana** Dinter
Perennial. Geophyte. Ht 0.06–0.16 m. Alt? N
- kliprandensis** W.F.Barker
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? NC
- lactosa** G.D.Duncan
Perennial. Geophyte. Ht 0.03–0.08 m. Alt? WC
- latifolia* Tratt. = **L. nervosa**
- latimerae** W.F.Barker
Perennial. Geophyte. Ht 0.15–0.28 m. Alt? WC, EC
- leipoldtii** G.D.Duncan
Perennial. Geophyte. Ht 0.04–0.13 m. Alt? WC
- leomontana** W.F.Barker
Perennial. Geophyte. Ht 0.1–0.3 m. Alt? WC
- liliflora** Jacq.
Perennial. Geophyte. Ht 0.1–0.2 m. Alt ?–50 m. WC
- longibracteata** E.Phillips
Perennial. Geophyte. Ht 0.07–0.35 m. Alt ?–140 m. WC

- macgregoriorum** W.F.Barker
Perennial. Geophyte. Ht 0.16–0.36 m. Alt? NC
- margaretae** W.F.Barker
Perennial. Geophyte. Ht 0.03–0.12 m. Alt? WC
- marginata** W.F.Barker subsp. **marginata**
Perennial. Geophyte. Ht 0.11–0.3 m. Alt? NC, WC
- marginata** W.F.Barker subsp. **neglecta** Schltr. ex G.D.Duncan
Perennial. Geophyte. Ht 0.05–0.2 m. Alt? WC
- marlothii** W.F.Barker ex G.D.Duncan
Perennial. Geophyte. Ht 0.09–0.16 m. Alt? NC
- martinae** W.F.Barker
Perennial. Geophyte. Ht 0.1–0.25 m. Alt? WC
- massonii** Baker = **L. trichophylla**
- mathewsii** W.F.Barker
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? WC
- maximiliani** Schltr. ex W.F.Barker
Perennial. Geophyte. Ht 0.1–0.2 m. Alt ?–800 m. WC
- mediana** Jacq. var. **mediana**
Perennial. Geophyte. Ht 0.2–0.4 m. Alt? WC
- mediana** Jacq. var. **rogersii** (Baker) W.F.Barker
Perennial. Geophyte. Ht 0.2–0.4 m. Alt? WC
- minima** W.F.Barker
Perennial. Geophyte. Ht 0.02–0.17 m. Alt? NC
- moniliformis** W.F.Barker
Perennial. Geophyte. Ht 0.12–0.17 m. Alt? WC
- montana** Schltr. ex W.F.Barker
Perennial. Geophyte. Ht 0.1–0.33 m. Alt 50–610 m. WC
- muirii** W.F.Barker
Perennial. Geophyte. Ht 0.1–0.25 m. Alt 20–180 m. WC
- multifolia** W.F.Barker
Perennial. Geophyte. Ht 0.07–0.2 m. Alt? WC
- mutabilis** Sweet
Perennial. Geophyte. Ht 0.1–0.45 m. Alt 30–915 m. NC, WC
- namaquensis** Schltr. ex W.F.Barker
Perennial. Geophyte. Ht 0.08–0.23 m. Alt ?–855 m. NC
- namibiensis** W.F.Barker
Perennial. Geophyte. Ht 0.05–0.1 m. Alt? N
- neilii** W.F.Barker ex G.D.Duncan
Perennial. Geophyte. Ht 0.05–0.15 m. Alt? NC
- nervosa** Ker Gawl.
L. bowieana Baker (38)
L. latifolia Tratt. (38)
Perennial. Geophyte. Ht 0.07–0.13 m. Alt? WC
- nordenstamii** W.F.Barker
Perennial. Geophyte. Ht 0.05–0.12 m. Alt? N, NC
- nutans** G.D.Duncan
Perennial. Geophyte. Ht 0.04–0.06 m. Alt? N
- obscura** Schltr. ex G.D.Duncan
Perennial. Geophyte. Ht 0.06–0.38 m. Alt? NC, WC
- orchioides** (L.) Aiton var. **glaucina** (Jacq.) W.F.Barker
L. glaucina Jacq. (32)
Perennial. Geophyte. Ht 0.1–0.4 m. Alt ?–100 m. WC
- orchioides** (L.) Aiton var. **orchioides**
Perennial. Geophyte. Ht 0.08–0.4 m. Alt 15–1220 m. WC
- orthopetala** Jacq.
Perennial. Geophyte. Ht 0.09–0.27 m. Alt? WC
- ovatifolia** L.Guthrie = **L. carnosa**
- pallida** Aiton
Perennial. Geophyte. Ht 0.12–0.3 m. Alt 61–245 m. WC
- patula** Jacq.
L. succulenta Masson ex Baker (32)
Perennial. Geophyte, succulent. Ht 0.06–0.15 m. Alt 155–185 m. WC
- pearsonii** (P.E.Glover) W.F.Barker
Scilla pearsonii P.E.Glover (18)
Perennial. Geophyte. Ht 0.05–0.1 m. Alt? N
- peersii** Marloth ex W.F.Barker
Perennial. Geophyte. Ht 0.15–0.3 m. Alt ?–63 m. WC
- pendula** Aiton = **L. bulbifera**
- perryae** G.D.Duncan
Perennial. Geophyte. Ht ± 0.13 m. Alt? WC, EC
- physocaulos** W.F.Barker
Perennial. Geophyte. Ht 0.13–0.3 m. Alt? WC
- polyphylla** Baker
Perennial. Geophyte. Ht 0.06–0.18 m. Alt? WC
- polypodantha** Schltr. ex W.F.Barker
Perennial. Geophyte. Ht 0.05–0.15 m. Alt ?–915 m. NC
- punctata** Jacq. = **L. rubida** var. **punctata**
- purpureo-caerulea** Jacq.
Perennial. Geophyte. Ht 0.1–0.28 m. Alt? WC
- pusilla** Jacq.
Perennial. Geophyte. Ht 0.01–0.04 m. Alt 30–200 m. WC
- pustulata** Jacq.
Perennial. Geophyte. Ht 0.15–0.35 m. Alt 30–120 m. WC
- reflexa** Thunb.
Perennial. Geophyte. Ht 0.03–0.19 m. Alt ?–15 m. WC
- rhodantha** Baker = **L. campanulata**
- roodieae** E.Phillips = **L. splendida**
- rosea** Andrews
Perennial. Geophyte. Ht 0.08–0.3 m. Alt 5–1200 m. WC
- rubida** Jacq. var. **rubida**
Perennial. Geophyte. Ht 0.06–0.25 m. Alt 5–945 m. NC, WC
- rubida** Jacq. var. **punctata** (Jacq.) Baker
L. punctata Jacq. (1)
Perennial. Geophyte. Ht 0.06–0.25 m. Alt? WC
- rubida** Jacq. var. **tigrina** (Jacq.) Baker
L. tigrina Jacq. (1)
Perennial. Geophyte. Ht 0.06–0.25 m. Alt? WC
- salteri** W.F.Barker
Perennial. Geophyte. Ht 0.15–0.35 m. Alt ?–90 m. WC
- sargeantii** W.F.Barker
Perennial. Geophyte. Ht 0.2–0.3 m. Alt? WC
- schelpei** W.F.Barker
Perennial. Geophyte. Ht 0.1–0.23 m. Alt? NC
- schlechteri** Baker = **L. unifolia** var. **schlechteri**
- splendida** Diels
L. roodieae E.Phillips (32)
Perennial. Geophyte. Ht 0.06–0.25 m. Alt 610–1100 m. NC, WC
- stayneri** W.F.Barker
Perennial. Geophyte. Ht 0.12–0.3 m. Alt? WC
- subspicata** Fourc. = **L. bowkeri**
- succulenta** Masson ex Baker = **L. patula**

- thomasiae** W.F.Barker ex G.D.Duncan
Perennial. Geophyte. Ht 0.06–0.13 m. Alt? WC
- tigrina** Jacq. = **L. rubida** var. **trigina**
- trichophylla** Baker
L. massonii Baker (22)
Perennial. Geophyte. Ht 0.08–0.2 m. Alt 17–820 m. NC, WC
- tricolor** Thunb. = **L. aloides** var. **aloides**
- undulata** Masson ex Baker
Perennial. Geophyte. Ht 0.1–0.3 m. Alt 361–610 m. NC, WC
- unicolor** Jacq.
Perennial. Geophyte. Ht 0.08–0.3 m. Alt 100–1000 m. WC
- unifolia** Jacq. var. **schlechteri** (Baker) W.F.Barker
L. schlechteri Baker (32)
Perennial. Geophyte. Ht 0.1–0.35 m. Alt ?–185 m. NC, WC
- unifolia** Jacq. var. **unifolia**
Perennial. Geophyte. Ht 0.1–0.35 m. Alt 30–670 m. WC
- unifolia** Jacq. var. **wrightii** Baker
Perennial. Geophyte. Ht 0.1–0.35 m. Alt ?–914 m. WC
- valeriae** G.D.Duncan
Perennial. Geophyte. Ht 0.1–0.4 m. Alt? NC
- variegata** W.F.Barker
Perennial. Geophyte. Ht 0.1–0.4 m. Alt? WC
- ventricosa** Schltr. ex W.F.Barker
Perennial. Geophyte. Ht 0.2–0.48 m. Alt ?–460 m. WC
- verticillata** W.F.Barker
Perennial. Geophyte. Ht 0.1–0.25 m. Alt? NC
- violacea** Jacq. var. **glauca** W.F.Barker
Perennial. Geophyte. Ht 0.1–0.23 m. Alt? NC, WC
- violacea** Jacq. var. **violacea**
Perennial. Geophyte. Ht 0.1–0.35 m. Alt 100–1525 m. NC, WC
- viridiflora** W.F.Barker
Perennial. Geophyte. Ht 0.08–0.2 m. Alt ?–15 m. WC
- whitehillensis** W.F.Barker
Perennial. Geophyte. Ht 0.15–0.36 m. Alt ?–900 m. NC, WC
- xerophila** Schltr. ex G.D.Duncan
Perennial. Geophyte. Ht 0.05–0.13 m. Alt? NC
- youngii** Baker
Perennial. Geophyte. Ht 0.07–0.3 m. Alt 75–490 m. WC, EC
- zebrina** W.F.Barker
Perennial. Geophyte. Ht 0.15–0.3 m. Alt ?–1035 m. NC, WC
- zeyheri** Baker
Perennial. Geophyte. Ht 0.06–0.2 m. Alt 535–1220 m. WC

LEDEBOURIA Roth 1090010

- (1) Schönland. 1903. *Records of the Albany Museum* 1: 48.
- (2) Schweickerdt. 1937. *The Flowering Plants of South Africa* 17: t. 674.
- (3) Phillips. 1941. *The Flowering Plants of South Africa* 21: tt. 830–832.
- (4) Phillips. 1942. *The Flowering Plants of South Africa* 22: tt. 864, 865.
- (5) Phillips. 1943. *The Flowering Plants of South Africa* 23: tt. 898, 899, 912, 913.
- (6) Burges. 1944. *The Flowering Plants of South Africa* 24: t. 958.
- (7) Dyer. 1944. *The Flowering Plants of South Africa* 24: t. 944.
- (8) Phillips. 1944. *The Flowering Plants of South Africa* 24: tt. 943, 947, 948, 959.
- (9) Phillips. 1945. *The Flowering Plants of Africa* 25: tt. 964, 985.
- (10) Jessop. 1970. *Journal of South African Botany* 36: 233–266.

- (11) Jessop. 1973. *Journal of South African Botany* 39: 45–48.
- (12) Venter & Edwards. 1998. *Bothalia* 28: 15–17, 179–182.

- apertiflora** (Baker) Jessop
Perennial. Geophyte. Ht 0.05–0.1 m. Alt 152–1615 m. LIM, NW, M, S, FS, KZN, NC, WC, EC
- atrobrunnea** S.Venter
Perennial. Geophyte. Ht 0.06–0.08 m. Alt? G
- concolor** (Baker) Jessop
Perennial. Geophyte. Ht? Alt? EC
- cooperi** (Hook.f.) Jessop
Scilla adlamii Baker (10)
Scilla cinerascens Van der Merwe (10)
Scilla cooperi Hook.f. (10)
Scilla galpinii Baker (10)
Scilla glaucescens Van der Merwe (10)
Scilla inandensis Baker (10)
Scilla petiolata Van der Merwe (10)
Scilla pusilla Baker (10)
Scilla rogersii Baker (10)
Scilla rupestris Van der Merwe (10)
Scilla saturata Baker (10)
Perennial. Geophyte. Ht 0.04–1.21 m. Alt 12–3500 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC
- crispa** S.Venter
Perennial. Geophyte. Ht 0.04–0.05 m. Alt? LIM
- dolomiticola** S.Venter
Perennial. Geophyte. Ht 0.04–0.05 m. Alt? LIM
- floribunda** (Baker) Jessop
Scilla floribunda Baker (10)
Scilla livida Baker (10)
Scilla megaphylla Baker (10)
Scilla zebrina Baker (10)
Perennial. Geophyte. Ht up to 0.2 m. Alt 45–1830 m. LIM, M, KZN, EC
- graminifolia** (Baker) Jessop
Scilla graminifolia Baker (10)
Scilla stenophylla Van der Merwe (10)
Perennial. Geophyte. Ht 0.1–0.11 m. Alt 640–2012 m. G, M, KZN
- hypoxidioides** (Schönland) Jessop
Scilla hypoxidioides Schönland (10)
Perennial. Geophyte. Ht? Alt ?–610 m. EC
- inquinata** (C.A.Sm.) Jessop
Scilla inquinata C.A.Sm. (10)
Perennial. Geophyte. Ht 0.05–0.22 m. Alt ?–1560 m. B, LIM, NW, G, M
- luteola** Jessop
Perennial. Geophyte. Ht 0.1–0.15 m. Alt ?–2500 m. B, LIM, NW, G, M, FS, KZN
- macowanii** (Baker) S.Venter
Perennial. Geophyte. Ht 0.04–0.06 m. Alt? LIM, NW, M, S, FS, KZN, L, NC, WC, EC
- marginata** (Baker) Jessop
Scilla marginata Baker (10)
Scilla neglecta Van der Merwe (10)
Perennial. Geophyte. Ht 0.05–0.7 m. Alt 365–2103 m. LIM, NW, G, M, S, FS, KZN, L, EC
- ovalifolia** (Schräd.) Jessop
Scilla ovalifolia (Schräd.) C.A.Sm. (10)
Perennial. Geophyte. Ht? Alt ?–20 m. WC
- ovatifolia** (Baker) Jessop
Scilla cicatricosa C.A.Sm. (10)
Scilla climatocarpha C.A.Sm. (10)
Scilla elevans Van der Merwe (10)
Scilla ovatifolia Baker (10)

Perennial. Geophyte. Ht 0.05–0.15 m. Alt 155–2200 m.
LIM, NW, G, M, FS, KZN, L, EC

parvifolia S.Venter

Perennial. Geophyte. Ht 0.02–0.04 m. Alt? M

revoluta (L.f.) Jessop

Drimia revoluta (L.f.) Kunth (10)

Scilla albomarginata Van der Merwe (10)

Scilla asperifolia Van der Merwe (10)

Scilla carnosula Van der Merwe (10)

Scilla lanceaefolia (Jacq.) Baker (10)

Perennial. Geophyte. Ht 0.02–0.25 m. Alt 45–3000 m. N,
B, LIM, NW, M, S, FS, KZN, WC, EC

scabrida Jessop

Perennial. Geophyte. Ht ± 0.1 m. Alt? N

socialis (Baker) Jessop

Scilla socialis Baker (10)

Scilla violacea Hutch. (10)

Perennial. Geophyte. Ht? Alt 155–350 m. EC

undulata (Jacq.) Jessop

Scilla prasina Baker (10)

Scilla rautanenii Schinz (10)

Perennial. Geophyte. Ht 0.07–0.7 m. Alt 5–1480 m. NC

viscosa Jessop

Perennial. Geophyte. Ht? Alt? LIM

LINDNERIA T.Durand & Lubbers 1094010

clavata (Mast.) Speta = **Pseudogaltonia clavata**

fibrillosa T.Durand & Lubbers = **Pseudogaltonia clavata**

LITANTHUS Harv. 1085000

pusillus Harv. = **Drimia uniflora**

MASSONIA Thunb. ex Houtt. 1101000

(1) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 46.

(2) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 367.

(3) Barker. 1931. *The Flowering Plants of South Africa* 11: t. 429.

(4) Leighton. 1943. *The Flowering Plants of South Africa* 23: t. 915.

(5) Obermeyer. 1965. *The Flowering Plants of Africa* 37: t. 1451.

(6) Jessop. 1976. *Journal of South African Botany* 42: 401–437.

(7) Müller-Doblies & Müller-Doblies. 1997. *Feddes Repertorium* 108: 49–96.

(8) Manning & Van der Merwe. 2002. *Bothalia* 32: 63–65.

angustifolia in sense of Jessop, not of L.f., misapplied name
= **Daubenya marginata**

angustifolia L.f. = **Massonia echinata**

bolusiae W.F.Barker = **M. echinata**

bowkeri Baker = **M. jasminiflora**

burchellii Baker = **Daubenya zeyheri**

comata Burch. ex Baker = **Daubenya comata**

depressa Houtt.

M. grandiflora Lindl. (7)

M. latifolia L.f. (6)

Perennial. Geophyte, succulent. Ht 0.02–0.03 m. Alt 155–
1435 m. FS, NC, WC, EC

echinata L.f.

Daubenya angustifolia (L.f.) A.M.van der Merwe & J.C.Manning (8)

M. angustifolia L.f. (8)

M. bolusiae W.F.Barker (6)

Neobakeria angustifolia (L.f.) Schltr. (8)

Perennial. Geophyte, succulent. Ht? Alt 30–2895 m. NC,
WC, EC

grandiflora Lindl. = **M. depressa**

heterandra (F.M.Leight.) Jessop = **M. pygmaea** subsp. **pygmaea**

jasminiflora Burch. ex Baker

M. bowkeri Baker (6)

Perennial. Geophyte, succulent. Ht up to 0.05 m. Alt
?–2900 m. NW, G, FS, L, NC

latifolia L.f. = **M. depressa**

marginata Willd. ex Kunth = **Daubenya marginata**

pedunculata Baker = **Daubenya zeyheri**

pustulata Jacq.

Perennial. Geophyte, succulent. Ht 0.02–0.05 m. Alt up to
100 m. WC

pygmaea Kunth. subsp. **kamiesbergensis** U.Müll.-Doblies
& D.Müll.-Doblies

Perennial. Geophyte. Ht 0.01–0.04 m. Alt ?–1950 m. NC

pygmaea Kunth. subsp. **pygmaea**

Massonia heterandra (F.M.Leight.) Jessop (7)

Neobakeria heterandra F.M.Leight. (7)

Perennial. Geophyte. Ht 0.01–0.04 m. Alt ?–1950 m. WC

rugulosa Licht. ex Kunth = **Daubenya marginata**

sessiliflora (Dinter) U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht 0.01–0.04 m. Alt? N, NC

zeyheri Kunth = **Daubenya zeyheri**

MERWILLA Speta 1093010

(1) Baker. 1873. *Journal of the Linnean Society, Botany* 13: 209–292.

(2) Baker. 1891. *The Gardeners' Chronicle* 9: 521, 668.

(3) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 365.

(4) Van der Merwe. 1941. *The Flowering Plants of South Africa* 21: t. 822.

(5) Lewis. 1947. *The Flowering Plants of Africa* 26: t. 1006.

(6) Wild. 1964. *Kirkia* 4: 163, 164.

(7) Jessop. 1970. *Journal of South African Botany* 36: 233–236.

(8) Hilliard & Burt. 1982. *Notes from the Royal Botanic Garden Edinburgh*
40: 247–298.

(9) Speta. 1998. *Phyton* 38: 1–224.

(10) Manning & Goldblatt. 2003, in press. *Edinburgh Journal of Botany*.

dracomontana (Hilliard & B.L.Burt) Speta

Scilla dracomontana Hilliard & B.L.Burt (9)

Perennial. Geophyte. Ht 0.06–0.1 m. Alt? KZN

natalensis (Planch.) Speta = **M. plumbea**

plumbea (Lindl.) Speta

M. natalensis (Planch.) Speta (10)

Scilla kraussii Baker (10)

Scilla natalensis Planch. (10)

Scilla plumbea Lindl. (9)

Perennial. Geophyte. Ht 0.2–1 m. Alt? M, S, FS, KZN, L,
EC

NAMOPHILA U.Müll.-Doblies 1093020
& D.Müll.-Doblies

(1) Müller-Doblies & Müller-Doblies. 1997. *Feddes Repertorium* 108:
49–96.

uropetala U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht ± 0.05 m. Alt ± 700 m. N

NEOBAKERIA Schltr. 1099010

angustifolia (L.f.) Schltr. = **Massonia echinata**

burchellii (Baker) Schltr. = **Daubenya zeyheri**

comata (Burch. ex Baker) Schltr. = **Daubenya comata**

haemanthoides (Baker) Schltr. = **Daubenya marginata**

heterandra F.M.Leight. = **Massonia pygmaea** subsp.

pygmaea

marginata (Willd. ex Kunth) Schltr. = **Daubenya mar-**
ginata

namaquensis Schltr. = **Daubinya namaquensis**
rugulosa (Licht. ex Kunth) Schltr. = **Daubinya marginata**

NEOPATERSONIA Schönland 1089020

- (1) Schönland. 1912. *Records of the Albany Museum* 2: 250–253.
- (2) Lewis. 1952. *Annals of the South African Museum* 40: 6–14.
- (3) Archibald. 1956. *The Flowering Plants of Africa* 31: t. 1204.
- (4) Merxmüller. 1970. *FSWA* 147: 54, 55.

falcata G.J.Lewis

Perennial. Geophyte. Ht 0.05–0.07 m. Alt? N

namaquensis G.J.Lewis

Perennial. Geophyte. Ht 0.05–0.07 m. Alt? NC

uitenhagensis Schönland

Perennial. Geophyte. Ht up to 0.28 m. Alt 20–90 m. WC, EC

ORNITHOGALUM L. 1089000

- (1) Burchell. 1822. *Travels in the interior of southern Africa* 1: 370.
- (2) Phillips. 1922. *The Flowering Plants of South Africa* 2: tt. 65, 75.
- (4) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 194.
- (5) Phillips. 1942. *The Flowering Plants of South Africa* 22: t. 870.
- (6) Dyer. 1947. *The Flowering Plants of Africa* 26: t. 1030.
- (7) Verdoorn & Leighton. 1947. *The Flowering Plants of Africa* 26: t. 1038.
- (8) Verdoorn. 1959. *The Flowering Plants of Africa* 33: t. 1314.
- (9) Obermeyer. 1966. *The Flowering Plants of Africa* 37: tt. 1463, 1464.
- (10) Obermeyer. 1971. *The Flowering Plants of Africa* 41: t. 1619.
- (11) Obermeyer. 1978. *Bothalia* 12: 323–376.
- (12) Müller-Doblies. 1981. *Willdenowia* 11: 45–67.
- (13) Hilliard & Burt. 1989. *Notes from the Royal Botanic Garden Edinburgh* 45: 195, 196.
- (14) Hilliard & Burt. 1990. *Notes from the Royal Botanic Garden Edinburgh* 46: 343.
- (15) Van Jaarsveld. 1994. *Bradleya* 12: 32–35.
- (16) Müller-Doblies & Müller-Doblies. 1996. *Feddes Repertorium* 107: 361–548.
- (17) Williamson. 1998. *Bothalia* 28: 62–65.
- (18) Archer & Archer. 1999. *South African Journal of Botany* 65: 431–433.
- (19) Perry. 1999. *Strelitzia* 8: 74.
- (20) Goldblatt & Manning. 2000. *Strelitzia* 9: 104–107, 713.

adseptentrionesvergentulum U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt? WC

aetfatense U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt? M

albucoides (Aiton) Thunb. = **O. suaveolens**

aloiforme Oberm. = **O. graminifolium**

amboense Schinz = **Albuca amboensis**

anguinum F.M.Leight.

Perennial. Geophyte. Ht 0.1–0.3 m. Alt ?–460 m. EC

annae-ameliae U. & D.Müll.-Doblies

Perennial. Geophyte. Ht up to 0.25 m. Alt? S

apertum (I.Verdc.) Oberm. = **O. concordianum**

attenuatum F.M.Leight. = **O. graminifolium**

aurantiacum Baker = **O. multifolium**

autumnulum U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt? WC

barbatum Jacq. = **O. suaveolens**

baurii Baker

O. hygrophilum Hilliard & B.L.Burt (14)

Perennial. Geophyte. Ht 0.4–0.6 m. Alt ?–1300 m. EC

bicornutum F.M.Leight.

Perennial. Geophyte. Ht 0.01–0.16 m. Alt ?–1220 m. NC

brevifolium F.M.Leight. = **O. juncifolium**

breviscopum F.M.Leight. = **O. tenuifolium** subsp. **tenuifolium**

britteniae F.M.Leight.

Perennial. Geophyte. Ht up to 0.25 m. Alt? EC

brucebayeri U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt? NC

campanulatum U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt? NC

candidum Oberm.

Perennial. Geophyte. Ht up to 0.22 m. Alt? N

capillare J.M.Wood & M.S.Evans

O. gracillimum R.E.Fries (16)

Perennial. Geophyte. Ht 0.1–0.15 m. Alt ?–1675 m. M, KZN, EC

caudatum Aiton = **O. longibracteatum**

cepaceum Burm.f. = **Bulbine cepacea**

chloranthum Baker = **O. tenuifolium** subsp. **tenuifolium**

ciliatifolium F.M.Leight. = **O. hispidum** subsp. **hispidum**

ciliiferum U.Müll.-Doblies & D.Müll.-Doblies

O. gifbergense U.Müll.-Doblies & D.Müll.-Doblies (20)

Perennial. Geophyte. Ht up to 0.25 m. Alt? NC, WC

citrinum Poelln. ex Schltr = **O. dubium**

comptonii F.M.Leight. = **O. juncifolium**

concordianum (Baker) U.Müll.-Doblies & D.Müll.-Doblies

Albuca aperta I.Verd. (11)

Albuca concordiana Baker (16)

O. apertum (I.Verd.) Oberm. (16)

Perennial. Geophyte. Ht 0.05–0.2 m. Alt 300–1035 m. N, NC, WC

conicum Jacq. subsp. **conicum**

O. lacteum Jacq. (11)

Perennial. Geophyte. Ht 0.45–0.6 m. Alt 365–1890 m. WC

conicum Jacq. subsp. **strictum** (L.Bolus) Oberm.

Perennial. Geophyte. Ht 0.4–0.9 m. Alt 150–610 m. NC, WC

constrictum F.M.Leight.

Perennial. Geophyte. Ht 0.2–0.4 m. Alt 60–305 m. WC, EC

costatum U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt? N

decusmontium G.Will.

Perennial. Geophyte. Ht up to 0.12 m. Alt? NC

deltoideum Baker

Perennial. Geophyte. Ht 0.07–0.18 m. Alt ?–490 m. N, NC

diluculum Oberm.

Perennial. Geophyte. Ht up to 0.25 m. Alt? NC, WC

diphyllum Baker

Perennial. Geophyte. Ht up to 0.09 m. Alt ?–2135 m. KZN

distans L.Bolus = **O. hispidum** subsp. **hispidum**

dolichopharynx U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt? NC

dregeanum Kunth

Perennial. Geophyte. Ht up to 0.5 m. Alt ?–365 m. WC

dubium Houtt.

O. citrinum Poelln. ex Schltr (11)

O. flavescens Jacq. (11)

O. flavissimum Jacq. (11)

O. miniatum Jacq. (11)

Perennial. Geophyte. Ht 0.1–0.91 m. Alt 15–1150 m. WC, EC

dyeri Poelln. = **O. unifolium**

ecklonii Schldtl. = **O. tenuifolium** subsp. **tenuifolium**
esterhuyseniae Oberm.

Perennial. Geophyte. Ht 0.5–0.7 m. Alt ?–915 m. WC
etesiogaripense U.Müll.-Doblies & D.Müll.-Doblies
subsp. **etesiogaripense**

Perennial. Geophyte. Ht up to 0.2 m. Alt? N, NC

etesiogaripense U.Müll.-Doblies & D.Müll.-Doblies subsp.
longipilosum U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht up to 0.2 m. Alt? N

fimbrimarginatum F.M.Leight.

Perennial. Geophyte. Ht 0.2–0.45 m. Alt 305–1220 m.
WC, EC

fissurisedulum U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt? N

flavescens Jacq. = **O. dubium**

flavissimum Jacq. = **O. dubium**

flexuosum (Thunb.) U.Müll.-Doblies & D.Müll.-Doblies

Bulbinella ornithogalooides Kunth (19)

O. ornithogalooides (Kunth) Oberm. (16)

O. zeyheri Baker (11)

Perennial. Geophyte. Ht 0.22–0.5 m. Alt 155–2075 m. N,
G, M, S, FS, KZN, L, EC

geniculatum Oberm.

Perennial. Geophyte. Ht up to 0.2 m. Alt 190–800 m. N,
NC

gethyllloides U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt? NC

gifbergense U.Müll.-Doblies & D.Müll.-Doblies = **O. cili-**
ferum

glandulosum Oberm.

Perennial. Geophyte. Ht up to 0.18 m. Alt 600–780 m. N,
NC

glaucifolium U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt? NC

gracillimum R.E.Fries = **O. capillare**

graminifolium Thunb.

O. aloiforme Oberm. (11)

O. attenuatum F.M.Leight. (11)

O. inandense Baker probably (16)

O. longiscapum Baker (11)

Perennial. Geophyte. Ht 0.12–0.76 m. Alt 5–2745 m. FS,
KZN, L, WC, EC

gregorianum U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt? NC

haalenbergense U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt? N

hallii Oberm.

Perennial. Geophyte. Ht 0.1–0.2 m. Alt? WC

hesperanthum U.Müll.-Doblies & D.Müll.-Doblies = **O.**
nanodes

hispidulum U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht up to 0.25 m. Alt? NC

hispidum Hornem. subsp. **bergii** (Schldtl.) Oberm.

Perennial. Geophyte. Ht 0.1–0.3 m. Alt 90–610 m. WC

hispidum Hornem. subsp. **hispidum**

O. ciliatifolium F.M.Leight. (11)

O. distans L.Bolus (11)

Perennial. Geophyte. Ht 0.15–0.6 m. Alt 120–1300 m. N,
NC, WC

hygrophilum Hilliard & B.L.Burt = **O. baurii**

inandense Baker, probably = **O. graminifolium**

inclusum F.M.Leight.

Perennial. Geophyte. Ht up to 0.3 m. Alt? NC

inconspicuum Baker = **O. tenuifolium** subsp. **tenuifolium**
juncifolium Jacq.

O. brevifolium F.M.Leight. (11)

O. comptonii F.M.Leight. (11)

O. leptophyllum Baker (11)

O. oliganthum Baker (11)

O. subulatum Baker (11)

Perennial. Geophyte. Ht 0.03–0.5 m. Alt 17–3540 m.
NW, G, M, FS, KZN, L, WC, EC

karachabpoortense U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht up to 0.1 m. Alt? NC

knervslaktense U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt? WC

lacteam Jacq. = **O. conicum** subsp. **conicum**

leeupoortense U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt? NC

leptophyllum Baker = **O. juncifolium**

longibracteatum Jacq.

O. caudatum Aiton (11)

Perennial. Geophyte, succulent. Ht 0.6–1.82 m. Alt 5–1920
m. KZN, EC

longicollum U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt? NC

longiscapum Baker = **O. graminifolium**

maculatum Jacq.

O. thunbergianum Baker (11)

Perennial. Geophyte. Ht 0.3–0.5 m. Alt 250–1000 m. NC,
WC

materfamilias U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht 0.1–0.2 m. Alt? NC

merxmulleri Roessler = **O. puberulum** subsp. **puberulum**

miniaturum Jacq. = **O. dubium**

monarchos U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt? NC

monophyllum Baker subsp. **eckardtianum** U.Müll.-Doblies
& D.Müll.-Doblies

Perennial. Geophyte. Ht up to 0.25 m. Alt? EC

monophyllum Baker subsp. **monophyllum**

Perennial. Geophyte. Ht up to 0.25 m. Alt ?–1980 m. M, S

multifolium Baker

O. aurantiacum Baker (11)

O. perpulchrum Schltr. ex Poelln. (16)

Perennial. Geophyte. Ht 0.02–0.3 m. Alt 60–1669 m. NC,
WC

nanodes F.M.Leight.

O. hesperanthum U.Müll.-Doblies & D.Müll.-Doblies (20)

Perennial. Geophyte. Ht 0.02–0.2 m. Alt 700–1130 m. N,
NC, WC

namaquanulum U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht up to 0.25 m. Alt? NC

namaquanum U.Müll.-Doblies & D.Müll.-Doblies = **O. sua-**
veolens

nathoanum U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht? Alt? NC

naviculum W.F.Barker

Perennial. Geophyte. Ht up to 0.15 m. Alt? WC

- nervosum* Burch. = **Schizocarpus nervosus**
niveum in sense of Oberm. = **O. schlechterianum**
odoratissimum C.A.Sm. = **O. semipedale**
oliganthum Baker = **O. juncifolium**
ornithogaloides (Kunth.) Oberm. = **O. flexuosum**
osmynellum U.Müll.-Doblies & D.Müll.-Doblies
 Perennial. Geophyte. Ht? Alt? NC
ovatum Thunb. subsp. **oliverorum** U.Müll.-Doblies &
 D.Müll.-Doblies
 Perennial. Geophyte. Ht? Alt? NC
ovatum Thunb. subsp. **ovatum**
 Perennial. Geophyte. Ht? Alt? NC, WC
paludosum Baker
Anthericum carnosum Baker (19)
Bulbinella carnosum (Baker) Baker (19)
Elsiea flanaganii (Baker) F.M.Leight. (11)
 Perennial. Geophyte. Ht 0.1–0.67 m. Alt 185–3475 m. M,
 KZN, L, WC, EC
paucifolium U.Müll.-Doblies & D.Müll.-Doblies subsp.
karooparkense U.Müll.-Doblies & D.Müll.-Doblies
 Perennial. Geophyte. Ht? Alt? NC
paucifolium U.Müll.-Doblies & D.Müll.-Doblies subsp.
paucifolium
 Perennial. Geophyte. Ht? Alt? WC
pearsonii F.M.Leight.
 Perennial. Geophyte. Ht? Alt? N, NC
pendulinum U.Müll.-Doblies & D.Müll.-Doblies
 Perennial. Geophyte. Ht? Alt? N
pentheri Zahlbr.
 Perennial. Geophyte. Ht 0.1–0.3 m. Alt? NC, WC
perparvum Poelln. = **O. pilosum**
perpulchrum Schltr. ex Poelln. = **O. multifolium**
pilosum L.f.
O. perparvum Poelln. (11)
O. tenellum Jacq. (16)
 Perennial. Geophyte. Ht 0.15–0.3 m. Alt 60–960 m. WC
pilosum L.f. subsp. *pullatum* (F.M.Leight.) Oberm. = **O.**
pullatum
polyodontulum U.Müll.-Doblies & D.Müll.-Doblies
 Perennial. Geophyte. Ht? Alt? N
polyphlebium Baker = **O. prasinum**
polyphyllum Jacq.
 Perennial. Geophyte. Ht 0.25–0.6 m. Alt 600–1100 m. NC,
 WC
prasinum Lindl.
O. polyphlebium Baker (11)
 Perennial. Geophyte. Ht 0.1–0.3 m. Alt 400–1405 m. N,
 NW, G, FS, NC, EC
pretoriense Baker = **O. tenuifolium** subsp. **tenuifolium**
psammophorum U.Müll.-Doblies & D.Müll.-Doblies
 Perennial. Geophyte. Ht? Alt? NC
pruinatum F.M.Leight.
 Perennial. Geophyte. Ht 0.1–0.6 m. Alt 60–1000 m. NC,
 WC
puberulum Oberm. subsp. **chris-bayeri** U.Müll.-Doblies
 & D.Müll.-Doblies
 Perennial. Geophyte. Ht 0.06–0.28 m. Alt? N
puberulum Oberm. subsp. **puberulum**
O. merxmulleri Roessler (16)
 Perennial. Geophyte. Ht 0.06–0.28 m. Alt? N
pulehrum Schinz
 Perennial. Geophyte. Ht 1.21–1.85 m. Alt ?–500 m. N, B
pullatum F.M.Leight.
O. pilosum L.f. subsp. *pullatum* (F.M.Leight.) Oberm. (16)
 Perennial. Geophyte. Ht 0.2–0.3 m. Alt? NC
rautaneii Schinz
 Perennial. Geophyte. Ht up to 0.2 m. Alt? N
recurvum Oberm. = **O. stapffii**
revolutum in sense of Ker Gawl., not of Jacq., misapplied
 name = **O. thyrsoides**
rogersii Baker
 Perennial. Geophyte. Ht 0.2–0.3 m. Alt ?–2100 m. WC
roodiae E.Phillips = **O. suaveolens**
rossouwii U.Müll.-Doblies & D.Müll.-Doblies
 Perennial. Geophyte. Ht 0.02–0.3 m. Alt? WC, EC
rotatum U.Müll.-Doblies & D.Müll.-Doblies
 Perennial. Geophyte. Ht 0.01–0.2 m. Alt? NC
rupestre L.f.
 Perennial. Geophyte. Ht 0.02–0.1 m. Alt ?–121 m. WC
sabulosum U.Müll.-Doblies & D.Müll.-Doblies
 Perennial. Geophyte. Ht 0.1–0.3 m. Alt? NC, WC
sardienii Van Jaarsv.
 Perennial. Geophyte. Ht? Alt? WC
saundersiae Baker
 Perennial. Geophyte. Ht 0.39–1.5 m. Alt 305–1525 m. M,
 S, KZN
scabrocostatum U.Müll.-Doblies & D.Müll.-Doblies
 Perennial. Geophyte. Ht 0.1–0.2 m. Alt? NC
schlechterianum Schinz
O. niveum in sense of Oberm. (16)
 Perennial. Geophyte. Ht 0.1–0.3 m. Alt 365–1981 m. WC
secundum Jacq.
Albuca micrantha Baker (16)
 Perennial. Geophyte. Ht 0.15–0.35 m. Alt 50–1000 m.
 NC, WC
seineri (Engl. & K.Krause) Oberm.
 Perennial. Geophyte. Ht 0.15–1.82 m. Alt 318–1310 m.
 N, B, LIM, M, FS, NC
semipedale (Baker) U.Müll.-Doblies & D.Müll.-Doblies
Albuca semipedalis Baker (16)
O. odoratissimum C.A.Sm. (16)
 Perennial. Geophyte. Ht 0.25–0.6 m. Alt 600–1100 m. NC,
 WC
septonii Hilliard & B.L.Burt
 Perennial. Geophyte. Ht up to 0.1 m. Alt? EC
stapffii Schinz
O. recurvum Oberm. (11)
 Perennial. Geophyte. Ht 0.04–0.5 m. Alt ?–1405 m. N
strigulosum U.Müll.-Doblies & D.Müll.-Doblies
 Perennial. Geophyte. Ht? Alt? N
stuetzelianum U.Müll.-Doblies & D.Müll.-Doblies
 Perennial. Geophyte. Ht? Alt? N, NC
suaveolens Jacq.
Albuca brevipes Baker (16)
O. albucoides (Aiton) Thunb. (11)
O. barbatum Jacq. (11)
O. namaquanum U.Müll.-Doblies & D.Müll.-Doblies (20)
O. roodiae E.Phillips (11)
O. vittatum (Ker Gawl.) Kunth (11)

- Perennial. Geophyte. Ht 0.15–0.76 m. Alt 91–2200 m. N, NC, WC, EC
- subcoriaceum** L.Bolus
Perennial. Geophyte. Ht up to 0.2 m. Alt 795–1140 m. WC
- subglandulosum** U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC
- subulatum* Baker = **O. juncifolium**
- synadelphicum** U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht 0.02–0.1 m. Alt? WC
- synanthifolium** F.M.Leight., doubtfully distinct from **O. baurii**
- tenellum* Jacq. = **O. pilosum**
- tenuifolium** F.Delaroche subsp. **aridum** Oberm.
Perennial. Geophyte. Ht 0.15–0.6 m. Alt 762–1525 m. N, NC, EC
- tenuifolium** F.Delaroche subsp. **tenuifolium**
O. breviscapum F.M.Leight. (16)
O. chloranthum Baker (12)
O. ecklonii Schtdl. (11)
O. inconspicuum Baker (11)
O. pretoriense Baker (11)
O. virens Lindl. (11)
Perennial. Geophyte. Ht 0.1–1.21 m. Alt 5–2135 m. N, B, LIM, M, S, FS, KZN, L, NC, EC
- thermophilum** F.M.Leight.
Perennial. Geophyte. Ht 0.15–0.3 m. Alt ?–275 m. WC
- thunbergianum** Baker = **O. maculatum**
- thunbergianulum** U.Müll.-Doblies & D.Müll.-Doblies = **O. tortuosum**
- thyrsoides** Jacq.
O. revolutum in sense of Ker Gawl., not of Jacq., misapplied name (11)
Perennial. Geophyte. Ht 0.07–0.5 m. Alt 10–1530 m. NC, WC
- tortuosum** Baker
O. thunbergianulum U.Müll.-Doblies & D.Müll.-Doblies (20)
Perennial. Geophyte. Ht 0.07–0.5 m. Alt 10–1530 m. NC, WC
- toxicarium** C.Archer & R.H.Archer
Perennial. Geophyte. Ht 0.1–0.2 m. Alt? N, NC, WC, EC
- tuberosum** Mill. = **Bulbine cepacea**
- tubiforme** (Oberm.) Oberm.
Perennial. Geophyte. Ht 0.1–0.3 m. Alt ?–1300 m. N
- unifoliatum** (G.D.Rowley) Oberm.
Perennial. Geophyte. Ht up to 0.05 m. Alt? NC
- unifolium** Retz. var. **unifolium**
O. dyeri Poelln. (11)
O. watermeyeri L.Bolus (11)
Perennial. Geophyte. Ht 0.02–0.3 m. Alt 150–1830 m. N, FS, NC, WC
- unifolium** Retz. var. **vestitum** U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? WC
- verae** U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht? Alt? NC
- virens** Lindl. = **O. tenuifolium** subsp. **tenuifolium**
- vittatum** (Ker Gawl.) Kunth = **O. suaveolens**
- watermeyeri** L.Bolus = **O. unifolium**
- xanthochlorum** Baker
Perennial. Geophyte. Ht 0.3–0.6 m. Alt 185–900 m. NC, WC
- zebrinellum** U.Müll.-Doblies & D.Müll.-Doblies
Perennial. Geophyte. Ht up to 0.15 m. Alt? NC, WC
- zebrinum** (Baker) Oberm.
Perennial. Geophyte. Ht up to 0.24 m. Alt ?–915 m. NC
- zeyheri** Baker = **O. flexuosum**
- PERIBOEA** Kunth 1093030
- corymbosa* (L.) Kunth = **Polyxena corymbosa**
- oliveri* U.Müll.-Doblies & D.Müll.-Doblies = **Polyxena paucifolia**
- paucifolia* (W.F.Barker) U.Müll.-Doblies & D.Müll.-Doblies = **Polyxena paucifolia**
- POLYXENA** Kunth 1099000
- (1) Baker. 1897. *FC* 6: 253–528.
(2) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 56.
(3) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 129.
(4) Barker. 1931. *The Flowering Plants of South Africa* 11: t. 420.
(5) Jessop. 1976. *Journal of South African Botany* 42: 401–437.
(6) Goldblatt & Manning. 2000. *Strelitzia* 9: 107, 713, 714.
(7) Van der Merwe & Marais. 2001. *South African Journal of Botany* 67: 44–46.
- corymbosa** (L.) Jessop
Hyacinthus corymbosus L. (5)
Periboea corymbosa (L.) Kunth (5)
Perennial. Geophyte. Ht 0.03–0.06 m. Alt up to 200 m. WC
- ensifolia** (Thunb.) Schönland
P. odorata (Hook.f.) Baker (5)
P. pygmaea (Jacq.) Kunth (5)
Perennial. Geophyte. Ht up to 0.06 m. Alt up to 1500 m. NC, WC
- haemanthoides** Baker = **Daubenya marginata**
- longituba** A.M.van der Merwe
Perennial. Geophyte. Ht up to 0.06 m. Alt 800–1500 m. NC
- maughanii** W.F.Barker
Perennial. Geophyte. Ht up to 0.06 m. Alt 800–1500 m. NC
- odorata** (Hook.f.) Baker = **P. ensifolia**
- paucifolia** (W.F. Barker) A.M.van der Merwe & J.C.Manning
Hyacinthus paucifolius W.F.Barker (5)
Periboea oliveri U.Müll.-Doblies & D.Müll.-Doblies (6)
Periboea paucifolia (W.F.Barker) U.Müll.-Doblies & D.Müll.-Doblies (6)
Perennial. Geophyte. Ht 0.03–0.06 m. Alt up to 100 m. WC
- pygmaea** (Jacq.) Kunth = **P. ensifolia**
- PSEUDOGALTONIA** (Kuntze) Engl. 1094000
- (1) Phillips. 1935. *The Flowering Plants of South Africa* 15: t. 580.
(2) Speta. 1985. *Botanische Jahrbücher* 106: 123–134.
(3) Burt. 1998. *Edinburgh Journal of Botany* 55: 485, 486.
- clavata** (Mast.) E.Phillips
Galtonia clavata Mast. (3)
Lindneria clavata (Mast.) Speta (3)
Lindneria fibrillosa T.Durand & Lubbers (3)
P. pechuellii (Kuntze) Engl. (3)
P. subspicata Baker (3)
Perennial. Geophyte. Ht 0.43–0.8 m. Alt 800–1830 m. N, B, NC
- pechuellii** (Kuntze) Engl. = **P. clavata**
- subspicata** Baker = **P. clavata**

PSEUDOPROSPERO Speta 1093040

- (1) Baker. 1873. *Journal of the Linnean Society, Botany* 13: 209–292.
- (2) Baker. 1891. *The Gardeners' Chronicle* 9: 521, 668.
- (3) Van der Merwe. 1944. *The Flowering Plants of South Africa* 24: t. 926.
- (4) Jessop. 1970. *Journal of South African Botany* 36: 233–236.
- (5) Speta. 1998. *Phyton* 38: 1–224.

firmifolium (Baker) Speta*Scilla firmifolia* Baker (5)

Perennial. Geophyte. Ht 0.2–0.4 m. Alt? EC

RESNOVA Van der Merwe 1090005

- (1) Van der Merwe. 1941. *The Flowering Plants of South Africa* 21: tt. 823, 824.
- (2) Van der Merwe. 1946. *Tydskrif vir Wetenskap en Kuns* 6: 41–46.
- (3) Müller-Doblies & Müller-Doblies. 1997. *Feddes Repertorium* 108: 49–65.

lachenalioides (Baker) Van der Merwe*Drimiopsis lachenalioides* (Baker) Jessop (2)*Scilla lachenalioides* Baker (2)

Perennial. Geophyte. Ht up to 0.25 m. Alt 610–2135 m. KZN, EC

humifusa (Baker) U.Müll.-Doblies & D.Müll.-Doblies*Drimiopsis maxima* Baker (3)*Drimiopsis saundersiae* Baker (3)*R. transvaalensis* Van der Merwe (3)*Scilla humifusa* Baker (3)*Scilla schlechteri* Baker (3)

Perennial. Geophyte. Ht up to 0.25 m. Alt 610–2135 m. M, KZN

minor Van der Merwe

Perennial. Geophyte. Ht 0.19–0.6 m. Alt 5–1310 m. KZN

maxima Van der Merwe

Perennial. Geophyte. Ht 0.19–0.6 m. Alt 5–1310 m. KZN

pilosa Van der Merwe

Perennial. Geophyte. Ht 0.19–0.6 m. Alt 5–1310 m. M, KZN

transvaalensis Van der Merwe = **R. humifusa****RHADAMANTHUS** Salisb. 1083000*albiflorus* B.Nord. = **Drimia albiflora***arenicola* B.Nord. = **Drimia arenicola***convallarioides* (L.f.) Baker = **Drimia convallarioides***cyanelloides* Baker = **Drimia cyanelloides***fasciatus* B.Nord. = **Drimia fasciata***involutus* J.C.Manning & Snijman = **Drimia involuta***karooicus* Oberm. = **Drimia karooica***montanus* B.Nord. = **Drimia convallarioides***namibensis* Oberm. = **Drimia namibensis***platyphyllus* B.Nord. = **Drimia platyphylla***secundus* B.Nord. = **Drimia secunda***urantherus* R.A.Dyer = **Drimia uranthera****SCHIZOBASIS** Baker 1010000*cuscutoides* (Burch. ex Baker) Benth. & Hook. = **Drimia cuscutoides***flagelliformis* (Baker) Baker = **Eriospermum flagelliforme***intricata* (Baker) Baker = **Drimia intricata***macowanii* Baker = **Drimia intricata****SCHIZOCARPUS** Van der Merwe 1086010

- (1) Baker. 1873. *Journal of the Linnean Society, Botany* 13: 237, 242.
- (2) Van der Merwe. 1943. *The Flowering Plants of South Africa* 23: tt. 904–906.
- (3) Jessop. 1970. *Journal of South African Botany* 36: 233–236.
- (4) Speta. 1998. *Phyton* 38: 1–224.

acerosus Van der Merwe = **S. nervosus***gerrardii* (Baker) Van der Merwe = **S. nervosus****nervosus** (Burch.) Van der Merwe*Ornithogalum nervosum* Burch. (2)*S. acerosus* Van der Merwe (3)*S. gerrardii* (Baker) Van der Merwe (3)*S. rigidifolius* (Kunth) Van der Merwe (3)*Scilla gerrardii* Baker (3)*Scilla nervosa* (Burch.) Jessop (4)*Scilla rigidifolia* Baker (3)*Scilla rigidifolia* Baker var. *acerosa* Van der Merwe (3)*Scilla rigidifolia* Baker var. *nervosa* Baker (2)

Perennial. Geophyte. Ht 0.05–0.3 m. Alt? N, B, LIM, NW, G, M, S, FS, KZN, EC

rigidifolius (Kunth) Van der Merwe = **S. nervosus****SCILLA** L. 1086000*adlamii* Baker = **Ledebouria cooperi***albomarginata* Van der Merwe = **Ledebouria revoluta***asperifolia* Van der Merwe = **Ledebouria revoluta***carnosula* Van der Merwe = **Ledebouria revoluta***cicatricosa* C.A.Sm. = **Ledebouria ovatifolia***cinerascens* Van der Merwe = **Ledebouria cooperi***climatocharpa* C.A.Sm. = **Ledebouria ovatifolia***cooperi* Hook.f. = **Ledebouria cooperi***dracomontana* Hilliard & B.L.Burt = **Merwillia dracomontana***elevans* Van der Merwe = **Ledebouria ovatifolia***firmifolia* Baker = **Pseudoprosporo firmifolium***floribunda* Baker = **Ledebouria floribunda***galpinii* Baker = **Ledebouria cooperi***gerrardii* Baker = **Schizocarpus nervosus***glaucescens* Van der Merwe = **Ledebouria cooperi***graminifolia* Baker = **Ledebouria graminifolia***humifusa* Baker = **Resnova humifusa***hypoxidioides* Schönland = **Ledebouria hypoxidioides***inandensis* Baker = **Ledebouria cooperi***inquinata* C.A.Sm. = **Ledebouria inquinata***kraussii* Baker = **Merwillia natalensis***lachenalioides* Baker = **Resnova lachenalioides***lanceaefolia* (Jacq.) Baker = **Ledebouria revoluta***livida* Baker = **Ledebouria floribunda***marginata* Baker = **Ledebouria marginata***megaphylla* Baker = **Ledebouria floribunda***natalensis* Planch. = **Merwillia natalensis***neglecta* Van der Merwe = **Ledebouria marginata***nervosa* (Burch.) Jessop = **Schizocarpus nervosus***ovalifolia* (Schrad.) C.A.Sm. = **Ledebouria ovalifolia***ovatifolia* Baker = **Ledebouria ovatifolia***pearsonii* P.E.Glover = **Lachenalia pearsonii**

petiolata Van der Merwe = **Ledebouria cooperi**
plumbea Lindl. = **Merwillia plumbea**
prasina Baker = **Ledebouria undulata**
pusilla Baker = **Ledebouria cooperi**
rautanenii Schinz = **Ledebouria undulata**
rigidifolia Baker = **Schizocarpus nervosus**
rigidifolia Baker var. *acerosa* Van der Merwe = **Schizocarpus nervosus**
rigidifolia Baker var. *nervosa* Baker = **Schizocarpus nervosus**
rogersii Baker = **Ledebouria cooperi**
rupestris Van der Merwe = **Ledebouria cooperi**
saturata Baker = **Ledebouria cooperi**
schlechteri Baker = **Resnova humifusa**
socialis Baker = **Ledebouria socialis**
stenophylla Van der Merwe = **Ledebouria graminifolia**
violacea Hutch. = **Ledebouria socialis**
zebrina Baker = **Ledebouria floribunda**

SPETAEA Wetschnig & Pfosser 1101030

(1) Wetschnig & Pfosser. 2003. *Taxon* 52: 87.

lachenaliiflora Wetschnig & Pfosser
Scilla plumbea of author, not *S. plumbea* Lindl. (1)
 Perennial. Geophyte. Ht 0.1–0.5 m. Alt? WC

SYPHARISSA Salisb. 1080005

exuviata (Jacq.) Salisb. ex Oberm. = **Drimia exuviata**
filifolia (Jacq.) Salisb. ex Oberm. = **Drimia filifolia**
fragrans (Jacq.) Salisb. ex Oberm. = **Drimia fragrans**
multifolia (G.J.Lewis) Oberm. = **Drimia multifolia**

TENICROA Raf. 1080010

exuviata (Jacq.) Speta = **Drimia exuviata**
filifolia (Jacq.) Oberm. = **Drimia filifolia**
fragrans (Jacq.) Raf. = **Drimia fragrans**
multifolia (G.J.Lewis) Oberm. = **Drimia multifolia**
nana Snijman = **Drimia nana**

THURANTHOS C.H.Wright 1079010

basuticum (E.Phillips) Oberm. = **Drimia angustifolia**
macranthum (Baker) C.H.Wright = **Drimia macrantha**
nocturnale R.A.Dyer = **Drimia macrantha**

URGINEA Steinh. 1080000

alooides Bolus = **Aloe alooides**
altissima (L.f.) Baker = **Drimia altissima**
amboensis Baker = **Drimia indica**
basutica E.Phillips = **Drimia angustifolia**
burkei Baker = **Drimia sanguinea**
calcarata (Baker) Hilliard & B.L.Burt = **Drimia calcarata**
capitata (Hook.) Baker = **Drimia depressa**
ciliata (L.f.) Baker = **Drimia ciliata**
delagoensis Baker = **Drimia delagoensis**
depressa Baker = **Drimia depressa**

dregei Baker = **Drimia dregei**
echinostachys Baker = **Drimia macrocentra**
epigea R.A.Dyer = **Drimia altissima**
exuviata (Jacq.) Steinh. = **Drimia exuviata**
filifolia (Jacq.) Steinh. = **Drimia filifolia**
forsteri Baker = **Drimia capensis**
fragrans (Jacq.) Steinh. = **Drimia fragrans**
indica (Roxb.) Kunth = **Drimia indica**
kniphofioides Baker = **Drimia kniphofioides**
lilacina Baker = **Drimia macrocentra**
lydenburgensis R.A.Dyer = **Drimia delagoensis**
macrantha (Baker) E.Phillips = **Drimia macrantha**
macrocentra Baker = **Drimia macrocentra**
marginata (Thunb.) Baker = **Drimia marginata**
minor A.V.Duthie = **Drimia minor**
modesta Baker = **Drimia calcarata**
multifolia G.J.Lewis = **Drimia multifolia**
multisetosa Baker = **Drimia multisetosa**
natalensis Baker = **Drimia calcarata**
physodes (Jacq.) Baker = **Drimia physodes**
pretoriensis Baker = **Drimia calcarata**
pusilla (Jacq.) Baker = **Drimia physodes**
rigidifolia Baker = **Drimia sclerophylla**
revoluta A.V.Duthie = **Drimia hesperantha**
rubella Baker = **Drimia calcarata**
salteri Compton = **Drimia salteri**
sanguinea Schinz = **Drimia sanguinea**
saniensis Hilliard & B.L.Burt = **Drimia saniensis**
tenella Baker = **Drimia calcarata**
virens Schltr. = **Drimia virens**

VELTHEIMIA Gled. 1097000

(1) Baker. 1897. *FC* 6: 253–528.
 (2) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 126.
 (3) Obermeyer. 1961. *The Flowering Plants of Africa* 34: t. 1356.
 (4) Marais. 1972. *Journal of the Royal Horticultural Society* 47: 483, 484.

bracteata Harv. ex Baker
V. undulata Moench (1)
V. viridifolia Jacq. (4)
 Perennial. Geophyte. Ht up to 0.6 m. Alt 5–610 m. EC

capensis (L.) DC.
V. deasii P.E.Barnes (3)
V. glauca (Aiton) Jacq. (3)
V. roodeae E.Phillips (3)
 Perennial. Geophyte. Ht up to 0.4 m. Alt 100–1200 m. NC, WC

deasii P.E.Barnes = **V. capensis**
glauca (Aiton) Jacq. = **V. capensis**
media Donn, illegitimate name = **Kniphofia sarmentosa**
repens Ker Gawl., illegitimate name = **Kniphofia sarmentosa**
roodeae E.Phillips = **V. capensis**
sarmentosa (Andrews) Willd. = **Kniphofia sarmentosa**
undulata Moench = **V. bracteata**
uvaria (L.) Willd. = **Kniphofia uvaria**
viridifolia Jacq. = **V. bracteata**

WHITEHEADIA Harv. 1100000

- (1) Obermeyer. 1965. *The Flowering Plants of Africa* 37: t. 1450.
 (2) Jessop. 1976. *Journal of South African Botany* 42: 401–437.
 (3) Müller-Doblies & Müller-Doblies. 1997. *Feddes Repertorium* 108: 49–96.

bifolia (Jacq.) Baker

Perennial. Geophyte. Ht 0.1–0.15 m. Alt 245–900 m. N, NC, WC

etesionamibensis U.Müll.-Doblies & D.Müll.-Doblies

Perennial. Geophyte. Ht 0.01–0.1 m. Alt 900–1200 m. N

HYDROCHARITACEAE

Compiled by R.P. Glen & C.D.K. Cook

***EGERIA** Planch. 0087010

- (1) Obermeyer. 1966. *FSA* 1: 100.
 (2) Cook & Urmi-König. 1984. *Aquatic Botany* 19: 73–96.
 (3) Simpson. 1998. *FTEA Hydrocharitaceae*: 7–9.

densa Planch.

Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 100–1800 m. FS, KZN, WC

HALOPHILA Thouars 0085000

- (1) Obermeyer. 1966. *FSA* 1: 100–102.
 (2) Simpson. 1998. *FTEA Hydrocharitaceae*: 24–28.

ovalis (R.Br.) Hook.f.

Perennial. Herb, hydrophyte: rosulate. Ht depending on depth of water. Alt ± 1 m. KZN, EC

LAGAROSIPHON Harv. 0088000

- (1) Obermeyer. 1966. *FSA* 1: 102–108.
 (2) Symoens & Triest. 1983. *Bulletin du Jardin Botanique National de Belgique* 53: 441–488.
 (3) Simpson. 1998. *FTEA Hydrocharitaceae*: 1–5.

cordofanus Casp.

L. crispus Rendle (2)

L. tsotsorogensis Bremek. & Oberm. (1)

Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt? N, B, LIM, M

crispus Rendle = **L. cordofanus**

ilicifolius Oberm.

Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 915–1000 m. N, B

major (Ridl.) Moss ex Wager

Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 365–2600 m. NW, G, M, FS, KZN, L, EC

muscoides Harv.

Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 100–2300 m. N, B, LIM, NW, G, M, S, FS, KZN, EC

tsotsorogensis Bremek. & Oberm. = **L. cordofanus**

verticillifolius Oberm.

Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 44–305 m. LIM, M, S, KZN

OTTELIA Pers. 0095000

- (1) Obermeyer. 1966. *FSA* 1: 108–112.
 (2) Cook *et al.* 1984. *Aquatic Botany* 18: 263–274.
 (3) Simpson. 1998. *FTEA Hydrocharitaceae*: 14–20.

exserta (Ridl.) Dandy

Annual. Herb, hydrophyte: rosulate/epiphydate? Ht 0.3–0.65 m. Alt 40–1100 m. N, LIM, M, KZN

kunenensis (Gürke) Dandy

Annual, occ. perennial. Herb, hydrophyte: rosulate. Ht 0.19–1 m. Alt ± 1030 m. N, B

muricata (C.H.Wright) Dandy

Perennial. Herb, hydrophyte. Ht depending on depth of water. Alt ± 1030 m. N, B

ulvifolia (Planch.) Walp.

Annual. Herb, hydrophyte: rosulate. Ht 0.25–0.9 m. Alt 183–1700 m. N, B, LIM, G, M, S

VALLISNERIA L. 0089000

- (1) Merxmüller. 1966. *FSWA* 142: 4.
 (2) Glen & Cook. Personal communication.

aethiopica Fenzl = **V. spiralis****spiralis** L.

V. aethiopica Fenzl (2)

Perennial, occ. annual. Herb, hydrophyte: rosulate. Ht 0.18–0.56 m. Alt 850–1250 m. N, B, KZN

HYPOXIDACEAE

Compiled by D.A. Snijman & Y. Singh

EMPODIUM Salisb. 1229010

- (1) Nel. 1914. *Botanische Jahrbücher* 51: 287–290.
 (2) Thompson. 1972. *Journal of South African Botany* 38: 163, 164.
 (3) Hilliard & Burtt. 1973. *Notes from the Royal Botanic Garden Edinburgh* 32: 303–314.
 (4) Thompson. 1977. *The Flowering Plants of Africa* 44: t. 1727.
 (5) Hilliard & Burtt. 1978. *Notes from the Royal Botanic Garden Edinburgh* 36: 75, 76.
 (6) Thompson. 1979. *The Flowering Plants of Africa* 45: t. 1790.
 (7) Snijman. 2000. In Goldblatt & Manning, *Strelitzia* 9: 714.

elongatum (Nel) B.L.Burtt

Forbesia elongata Nel (3)

Perennial. Geophyte. Ht 150–250 mm. Alt 1500–2500 m. G, M, S, FS, KZN, L

flexile (Nel) M.F.Thomps. ex Snijman

Forbesia flexilis Nel var. *barberae* (Baker) Nel (3)

Forbesia flexilis Nel var. *flexilis* (7)

Perennial. Geophyte. Ht 100–200 mm. Alt 350–800 m. NC, WC, EC

gloriosum (Nel) B.L.Burtt*Forbesia gloriosa* Nel (3)

Perennial. Geophyte. Ht 50–200 mm. Alt 5–750 m. WC, EC

monophyllum (Nel) B.L.Burtt*Forbesia monophylla* Nel (3)

Perennial. Geophyte. Ht 5–10 mm. Alt 450–600 m. S, KZN

namaquensis (Baker) M.F.Thomps.*Forbesia namaquense* (Baker) Nel (4)

Perennial. Geophyte. Ht 100–450 mm. Alt 350–600 m. NC, WC

occidentale (Nel) B.L.Burtt = **Saniella occidentalis****plicatum** (Thunb.) Garside*Forbesia plicata* (Thunb.) Nel var. *plicata* (3)

Perennial. Geophyte. Ht 100–400 mm. Alt 5–800 m. NC, WC

veratrifolium (Willd.) M.F.Thomps.*Forbesia plicata* (Thunb.) Nel var. *veratrifolia* (Willd.) Nel (2)

Perennial. Geophyte. Ht 200–350 mm. Alt 5–150 m. WC

FORBESIA Eckl. 1229020*elongata* Nel = **Empodium elongatum***flexilis* Nel var. *barberae* (Baker) Nel = **Empodium flexile***flexilis* Nel var. *flexilis* = **Empodium flexile***galpinii* L.Bolus = **Rhodohypoxis rubella***gloriosa* Nel = **Empodium gloriosum***monophylla* Nel = **Empodium monophyllum***namaquense* (Baker) Nel = **Empodium namaquensis***occidentalis* Nel = **Saniella occidentalis***plicata* (Thunb.) Nel var. *plicata* = **Empodium plicatum***plicata* (Thunb.) Nel var. *veratrifolia* (Willd.) Nel = **Empodium veratrifolium****HYPOXIS** L. 1230000(1) Baker. 1896. *FC* 6: 174–189.(2) Nel. 1914. *Botanische Jahrbücher* 51: 301–337.(3) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 172.(4) Markötter. 1930. *Annale van die Universiteit van Stellenbosch* Reeks A, 8: 15.(5) Verdoorn. 1947. *The Flowering Plants of Africa* 26: t. 1021.(6) Verdoorn. 1949. *The Flowering Plants of Africa* 27: t. 1058.(7) Hilliard & Burtt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37: 286.(8) Hilliard & Burtt. 1983. *Notes from the Royal Botanic Garden Edinburgh* 41: 299, 300.(9) Hilliard & Burtt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 201–206.(10) Burtt. 1988. *Notes from the Royal Botanic Garden Edinburgh* 45: 188–191.(11) Zimudzi. 1996. *Kirkia* 16: 16.(12) Snijman. 2000. In Goldblatt & Manning, *Strelitzia* 9: 108, 109.(13) Nordal & Zimudzi. 2001. *FZ* 12: 1–18.

(14) Singh. 2003. In prep.

acuminata Baker

Perennial. Geophyte. Ht 150–450 mm. Alt 500–2000 m. LIM, G, M, S, FS, KZN, L

angustifolia Lam. var. **angustifolia***H. biflora* Baker (1)

Perennial. Geophyte. Ht 70–250 mm. Alt 15–1700 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

angustifolia Lam. var. **buchananii** Baker

Perennial. Geophyte. Ht 150–300 mm. Alt 15–1800 m. M, S, FS, KZN, EC

angustifolia Lam. var. **buchananii** Baker × **H. membranacea** Baker

Perennial. Geophyte. Ht 100–150 mm. Alt 10–30 m. KZN, EC

argentea Harv. ex Baker var. **argentea**

Perennial. Geophyte. Ht 75–250 mm. Alt 50–2100 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

argentea Harv. ex Baker var. **sericea** Baker*H. sericea* Baker var. *dregei* Baker in part (based on *Drege* 8525) (13)*H. sericea* Baker var. *flaccida* Baker (14)*H. sericea* Baker var. *sericea* (1)

Perennial. Geophyte. Ht 100–250 mm. Alt 50–1500 m. NW, M, FS, KZN, L, EC

biflora Baker = **H. angustifolia** var. **angustifolia***brevifolia* Baker = **H. parvula** var. **parvula****colchicifolia** Baker*H. distachya* Nel (14)*H. gilgiana* Nel (14)*H. latifolia* Hook. (9)*H. oligotricha* Baker (9)

Perennial. Geophyte. Ht 250–600 mm. Alt 30–2100 m. KZN, EC

cordata Nel = **H. rigidula** var. **rigidula****costata** Baker

Perennial. Geophyte. Ht 30–250 mm. Alt 1600–1800 m. G, M, S, FS, KZN, L, EC

***decumbens** L.

Perennial. Geophyte. Ht 100–250 mm. Alt 250–500 m. KZN

dinteri Nel

Perennial. Geophyte. Ht 100–150 mm. Alt? N (known only from type locality)

dregei Baker in part (based on *Cooper 1811*) = **H. filiformis***dregei* Baker var. *biflora* (De Wild.) Nel = **H. filiformis***distachya* Nel = **H. colchicifolia***ecklonii* Baker = **H. floccosa***elliptica* Nel = **H. rigidula** var. **rigidula****exaltata** Nel

Perennial. Geophyte. Ht 150–300 mm. Alt 90–1300 m. EC

filiformis Baker*H. dregei* Baker in part (based on *Cooper 1811*) (13)*H. dregei* Baker var. *biflora* (De Wild.) Nel (13)*H. sericea* Baker var. *dregei* Baker (based on *Cooper 1811*) (13)

Perennial. Geophyte. Ht 50–250 mm. Alt 10–2100 m. LIM, NW, G, M, S, FS, KZN, L, EC

flanaganii Baker

Perennial. Geophyte. Ht 25–40 mm. Alt 15–900 m. EC

floccosa Baker*H. ecklonii* Baker (14)

Perennial. Geophyte. Ht 40–100 mm. Alt 50–600 m. WC, EC

galpinii Baker*H. stricta* Nel (11)

Perennial. Geophyte. Ht 140–600 mm. Alt 900–2300 m. LIM, G, M, S, KZN, EC

gerrardii Baker*H. junodii* Baker (10)

Perennial. Geophyte. Ht 80–200 mm. Alt 500–2300 m. LIM, M, S, FS, KZN, L

gilgiana Nel = **H. colchicifolia****hemerocallidea** Fisch.Mey. & Ave-Lall.*H. rooperii* T.Moore (9)

Perennial. Geophyte. Ht 100–500 mm. Alt 50–1800 m. B, LIM, NW, G, M, S, FS, KZN, L, EC

interjecta Nel

Perennial. Geophyte. Ht 40–150 mm. Alt 1500–1800 m.
G, M, KZN, EC

iridifolia Baker

H. nitida I. Verd. (9)

H. obtusa Burch., manuscript name (9)

Perennial. Geophyte. Ht 20–45 mm. Alt 320–2100 m. N,
B, LIM, NW, G, M, S, FS, KZN, L, EC

junodii Baker = **H. gerrardii****kraussiana** Buchinger

Perennial. Geophyte. Ht 70–150 mm. Alt 900–1500 m.
M, S, KZN

lata Nel

Perennial. Geophyte. Ht 50–250 mm. Alt 500–2000 m.
KZN, L

latifolia Hook. = **H. colchicifolia****limicola** B.L.Burt

Perennial. Geophyte. Ht 40–80 mm. Alt 1200–2000 m.
LIM, M, S

longifolia Baker

Perennial. Geophyte. Ht 250–400 mm. Alt 10–700 m. G,
KZN, EC

ludwigii Baker

Perennial. Geophyte. Ht 20–25 mm. Alt 60–2400 m. KZN,
EC

membranacea Baker

Perennial. Geophyte. Ht 40–110 mm. Alt 20–900 m. M,
S, KZN, EC

multiceps Buchinger ex Baker

Perennial. Geophyte. Ht 20–150 mm. Alt 20–2100 m. LIM,
G, M, S, FS, KZN, L, EC

neliana Schinz

Perennial. Geophyte. Ht 50–100 mm. Alt 1200–2100 m.
G, M, KZN, L

nitida I. Verd. = **H. iridifolia****obconica** Nel

Perennial. Geophyte. Ht 60–70 mm. Alt 30–1600 m. KZN,
EC

oblonga Nel

Perennial. Geophyte. Ht 200–500 mm. Alt 1300–2100 m.
KZN, EC

obtusa Burch. ex Edwards = **H. obtusa****obtusa** Burch., manuscript name = **H. iridifolia****obtusa** Burch. ex Ker Gawl.

H. obtusa Burch. ex Edwards (14)

Perennial. Geophyte. Ht 15–50 mm. Alt 300–2100 m. N,
B, LIM, NW, G, M, S, FS, KZN, L, EC

oligotricha Baker = **H. colchicifolia****parvifolia** Baker

Perennial. Geophyte. Ht 30–150 mm. Alt 1800–2400 m.
M, S, FS

parvula Baker var. **albiflora** B.L.Burt

Perennial. Geophyte. Ht 50–150 mm. Alt 900–1800 m.
KZN

parvula Baker var. **parvula**

H. brevifolia Baker (10)

Perennial. Geophyte. Ht 40–120 m. Alt 1200–2300 m.
M, S, FS, KZN, L

patula Nel

Perennial. Geophyte. Ht 90–110 mm. Alt ± 1300 m. M
(known only from type locality)

rigidula Baker var. **pilosissima** Baker

Perennial. Geophyte. Ht 150–900 mm. Alt 40–1900 m.
LIM, NW, M, G, S, KZN, L, EC

rigidula Baker var. **rigidula**

H. cordata Nel (14)

H. elliptica Nel (11)

Perennial. Herb, geophyte. Ht 150–900 mm. Alt 30–
2000 m. N, LIM, NW, G, M, S, FS, KZN, L,
NC, EC

rooperii T. Moore = **H. hemerocallidea****sagittata** Nel

Perennial. Geophyte. Ht 60–80 mm. Alt ± 1300 m. EC

sericea Baker var. **dregei** Baker in part (based on *Cooper* 1811) = **H. filiformis****sericea** Baker var. **dregei** Baker in part (based on *Drège* 8525) = **H. argentea** var. **sericea****sericea** Baker var. **flaccida** Baker = **H. argentea** var. **sericea****sericea** Baker var. **sericea** = **H. argentea** var. **sericea****setosa** Baker

Perennial. Geophyte. Ht 150–250 mm. Alt 100–1800 m.
WC, EC

sobolifera Jacq.

Perennial. Geophyte. Ht 100–400 mm. Alt 700–1300 m.
KZN, EC

stellipilis Ker Gawl.

Perennial. Geophyte. Ht 200–300 mm. Alt 50–900 m.
WC, EC

stricta Nel = **H. galpinii****tetramera** Hilliard & B.L.Burt

Perennial. Geophyte. Ht 50–110 mm. Alt 2000–2500 m.
KZN, L, EC

uniflorata Markötter

Perennial. Geophyte. Ht 40–60 mm. Alt 1200–1500
m. FS

villosa L.f. in wide sense

Perennial. Geophyte. Ht 100–250 mm. Alt 10–2300 m.
S, KZN, L, WC, EC

woodii Baker

Perennial. Geophyte. Ht ± 250 mm. Alt 400–900 m.
KZN, EC

zeyheri Baker

Perennial. Geophyte. Ht 100–150 mm. Alt 20–300 m. EC

PAURIDIA Harv.

1230030

(1) Thompson. 1972. *Journal of South African Botany* 38: 163, 164.

(2) Thompson. 1979. *Bothalia* 12: 621–625.

longituba M.F.Thomps.

Perennial. Geophyte. Ht 20–150 mm. Alt 75–180 m. WC

minuta (L.f.) T.Durand & Schinz

Perennial. Geophyte. Ht 10–100 mm. Alt 10–450 m. WC,
EC

RHODOHYPOXIS Nel

1230020

(1) Nel. 1914. *Botanische Jahrbücher* 51: 300.

(2) Hilliard & Burt. 1978. *Notes from the Royal Botanic Garden Edinburgh* 36: 43–76.

(3) Singh. 2000. *Herbertia* 55: 74–80, 86.

- baurii** (Baker) Nel var. **baurii**
Perennial. Geophyte. Ht 50–100 mm. Alt 1100–2700 m.
KZN, L, EC
- baurii** (Baker) Nel var. **confecta** Hilliard & B.L.Burtt
Perennial. Geophyte. Ht 40–60 mm. Alt 1900–2300 m.
M, S, FS, KZN, L, EC
- baurii** (Baker) Nel var. **platypetala** (Baker) Nel
Perennial. Geophyte. Ht 50–90 mm. Alt 1100–2400 m.
KZN, EC
- deflexa** Hilliard & B.L.Burtt
Perennial. Geophyte. Ht 25–50 mm. Alt 2700–3250 m.
KZN, L, EC
- incompta** Hilliard & B.L.Burtt
Perennial. Geophyte. Ht 20–50 mm. Alt 2300–2900 m.
KZN, L
- milloides** (Baker) Hilliard & B.L.Burtt
R. palustris Killick (2)
Perennial. Geophyte. Ht 30–150 mm. Alt 1500–2450 m.
KZN, L, EC
- palustris* Killick = **R. milloides**
- rubella** (Baker) Nel
Forbesia galpinii L.Bolus (2)
Perennial. Geophyte. Ht 20–40 mm. Alt 2400–3300 m.
KZN, L, EC
- thodiana** (Nel) Hilliard & B.L.Burtt
Perennial. Geophyte. Ht 25–30 mm. Alt 2800–3100 m.
KZN, L
- SANIELLA** Hilliard & B.L.Burtt 1230040
(1) Hilliard & Burtt. 1978. *Notes from the Royal Botanic Garden of Edinburgh* 36: 43–76.
(2) Burtt. 2000. *Edinburgh Journal of Botany* 57: 63–70.
- occidentalis** (Nel) B.L.Burtt
Empodium occidentale (Nel) B.L.Burtt (2)
Forbesia occidentalis Nel (2)
Perennial. Geophyte. Ht 50–150 mm. Alt 500–1500 m.
NC, WC
- verna** Hilliard & B.L.Burtt
Perennial. Geophyte. Ht ± 50 mm. Alt 2700–3050 m. L, EC
- SPILOXENE** Salisb. 1230010
(1) Nel. 1914. *Botanische Jahrbücher* 51: 287–340.
(2) Fourcade. 1934. *Transactions of the Royal Society of South Africa* 21: 75, 76.
(3) Garside. 1936. *Journal of Botany* 74: 267–269.
(4) Garside. 1950. In Adamson & Salter, *Flora of the Cape Peninsula*: 214–217.
(5) Geerinck. 1969. *Bulletin du Jardin Botanique National de Belgique* 39: 47–82.
(6) Thompson. 1969. *The Flowering Plants of Africa* 39: tt. 1557A, 1557B.
(7) Snijman. 2000. In Goldblatt & Manning, *Strelitzia* 9: 109, 110.
- acida** (Nel) Garside (insufficiently known) (7)
WC
- aemulans** (Nel) Garside (insufficiently known) (7)
- alba** (Thunb.) Fourc.
Perennial. Geophyte. Ht 50–150 mm. Alt 15–600 m. WC
- aquatica** (L.f.) Fourc.
Perennial. Geophyte. Ht 200–450 mm. Alt 15–1500 m.
NC, WC, EC
- canaliculata** Garside
Perennial. Geophyte. Ht 100–350 mm. Alt ± 135 m. WC
- capensis** (L.) Garside
S. stellata (Thunb.) Salisb. (3)
Perennial. Geophyte. Ht 100–350 mm. Alt 5–1800 m. NC,
WC, EC
- curculigoides** (Bolus) Garside
S. declinata (Nel) Garside (7)
Perennial. Geophyte. Ht 50–200 mm. Alt 30–600 m. WC
- cuspidata* (Nel) Garside = **S. ovata**
- declinata* (Nel) Garside = **S. curculigoides**
- dielsiana** (Nel) Garside
Perennial. Geophyte. Ht 50–150 mm. Alt 750–1500 m. NC
- flaccida** (Nel) Garside
Perennial. Geophyte. Ht 50–250 mm. Alt 5–800 m. WC, EC
- gracilipes* (Schltr.) Garside = **S. ovata**
- linearis* (Andrews) Garside = **S. serrata** var. **serrata**
- maximiliani* (Schltr.) Garside = **S. umbraticola**
- minuta** (L.) Fourc.
Perennial. Geophyte. Ht 10–70 mm. Alt 20–70 m. WC
- monophylla** (Schltr.) Garside
Perennial. Geophyte. Ht 20–100 mm. Alt 60–600 m. WC
- ovata** (L.f.) Garside
S. cuspidata (Nel) Garside (7)
S. gracilipes (Schltr.) Garside (7)
Perennial. Geophyte. Ht 40–220 mm. Alt 150–1300 m.
NC, WC
- schlechteri** (Bolus) Garside
Perennial. Geophyte. Ht 50–150 mm. Alt 20–1000 m. NC, WC
- scullyi** (Baker) Garside
Perennial. Geophyte. Ht 100–300 mm. Alt 1000–1300 m.
N, NC
- serrata** (Thunb.) Garside var. **albiflora** (Nel) Garside
Perennial. Geophyte. Ht 100–250 mm. Alt ± 600 m. NC
- serrata** (Thunb.) Garside var. **serrata**
S. linearis (Andrews) Garside (7)
Perennial. Geophyte. Ht 60–300 mm. Alt 25–950 m. NC, WC
- stellata* (Thunb.) Salisb. = **S. capensis**
- trifurcillata** (Nel) Fourc.
Perennial. Geophyte. Ht 30–100 mm. Alt 20–300 m. EC
- umbraticola** (Schltr.) Garside
S. maximiliani (Schltr.) Garside (7)
Perennial. Geophyte. Ht 60–230 mm. Alt 450–680 m. WC

IRIDACEAE

Compiled by P. Goldblatt, J.C. Manning & C. Archer

- ACIDANTHERA** Hochst. 1308000
brevicollis Baker = **Gladiolus gueinzii**
- ANACLANTHE** N.E.Br. 1312030
namaquensis N.E.Br. = **Babiana thunbergii**

- plicata* (L.f.) N.E.Br. = **Babiana thunbergii**
- ANAPALINA** N.E.Br. 1312020
burchellii (N.E.Br.) N.E.Br. = **Tritoniopsis burchellii**
caffra (Ker Gawl. ex Baker) G.J.Lewis = **Tritoniopsis caffra**

intermedia (Baker) G.J.Lewis = **Tritoniopsis intermedia**
longituba Fourc. = **Tritoniopsis antholyza**
nervosa (Thunb.) G.J.Lewis = **Tritoniopsis antholyza**
pulchra (Baker) N.E.Br. = **Tritoniopsis pulchra**
triticea (Burm.f.) N.E.Br. = **Tritoniopsis triticea**

ANOMALESIA N.E.Br. 1311020

cunonia (L.) N.E.Br. = **Gladiolus cunonius**
saccata (Klatt) Goldblatt = **Gladiolus saccatus**
splendens (Sweet) N.E.Br. = **Gladiolus splendens**

ANOMATHECA Ker Gawl. 1316010

fistulosa (Spreng. ex Klatt) Goldblatt = **Xenoscapa fistulosa**
grandiflora Baker = **Freesia grandiflora**

laxa (Thunb.) Goldblatt subsp. *azurea* Goldblatt & Hutchings
 = **Freesia laxa** subsp. *azurea*

laxa (Thunb.) Goldblatt subsp. *laxa* = **Freesia laxa** subsp.
laxa

verrucosa (Vogel in Trew) Goldblatt = **Freesia verrucosa**
viridis (Aiton) Goldblatt subsp. *crispifolia* Goldblatt =
Freesia viridis

viridis (Aiton) Goldblatt subsp. *viridis* = **Freesia viridis**

ANTHOLYZA L. 1312000

abbreviata (Andrews) Pers. = **Gladiolus abbreviatus**

acuminata N.E.Br. = **Gladiolus watsonius**

aethiopica in sense of Burm.f. = **Chasmanthe floribunda**
 var. **floribunda**

aethiopica L. = **Chasmanthe aethiopica**

aethiopica L. var. *bicolor* (Gasp.) Baker = **Chasmanthe**
bicolor

aethiopica L. var. *immarginata* Thunb. ex Baker = **Chasmanthe**
aethiopica

aethiopica L. var. *minor* Lindl. = **Chasmanthe bicolor**

aethiopica L. var. *ringens* (Andrews) Baker = **Chasmanthe**
aethiopica

aethiopica L. var. *vittigera* (Salisb.) Baker = **Chasmanthe**
aethiopica

bicolor Gasp. = **Chasmanthe bicolor**

buckerveldii L.Bolus = **Gladiolus buckerveldii**

caryophyllacea Burm.f. = **Gladiolus caryophyllaceus**

cunonia L. = **Gladiolus cunonius**

duftii Schinz = **Gladiolus saccatus**

floribunda Salisb. = **Chasmanthe aethiopica**

fourcadei L.Bolus = **Gladiolus fourcadei**

guthriei L.Bolus = **Gladiolus overbergensis**

laxiflora Baker = **Gladiolus antholyzoides**

lucidior Baker = **Tritoniopsis triticea**

magnifica Harms = **Gladiolus magnificus**

muirii L.Bolus = **Gladiolus teretifolius**

paniculata Klatt = **Crocoshia paniculata**

plicata L.f. = **Babiana thunbergii**

praealta Redouté = **Chasmanthe floribunda** var. **floribunda**
priorii N.E.Br. = **Gladiolus priorii**

quadrangularis Burm.f. = **Gladiolus quadrangularis**

revoluta Burm. = **Tritoniopsis revoluta**

revoluta in sense of Baker var. *gawleri* (Baker) Baker, mis-
 applied name = **Gladiolus watsonius**

ringens in sense of Andrews = **Chasmanthe aethiopica**
ringens L. = **Babiana ringens**

schlechteri Baker = **Gladiolus antholyzoides**

spectabilis Schinz = **Gladiolus magnificus**

steingroeveri Pax = **Gladiolus saccatus**

vandermerwei L.Bolus = **Gladiolus vandermerwei**

vittigera Salisb. = **Chasmanthe aethiopica**

watsonia (Thunb.) Pax = **Gladiolus watsonius**

zambesiaca Baker = **Gladiolus magnificus**

ARISTEA Aiton 1295000

(1) Phillips. 1930. *The Flowering Plants of South Africa* 10: t. 361.

(2) Weimarck. 1940. *Acta Universitatis Lundensis, Nova Series, sectio*
 2, 36: 1–140.

(3) Lewis. 1950. *The Flowering Plants of Africa* 28: tt. 1083, 1084.

(4) Lewis. 1952. *Annals of the South African Museum* 40: 9, 10.

(5) Goldblatt & Barnard. 1970. *Journal of South African Botany* 36:
 291–318.

(6) Goldblatt. 1971. *Journal of South African Botany* 37: 229–236.

(7) Oliver. 1976. *The Flowering Plants of Africa* 43: t. 1708.

(8) Vincent. 1985. *South African Journal of Botany* 51: 209–252.

(9) Oliver. 1988. *The Flowering Plants of Africa* 50: t. 1978.

(10) Goldblatt. 1993. *Flora zambesiaca* 12: 3–8.

(11) Goldblatt & Manning. 1997. *Novon* 7: 137–144.

(12) Goldblatt & Manning. 1997. *Novon* 7: 357–365.

(13) Goldblatt *et al.* 2002. *Novon* 12: 190–195.

abyssinica Pax

A. cognata N.E.Br. ex Weim. (10)

Perennial. Herb. Ht 0.1–0.2 m. Alt 10–2500 m. LIM, M,
 S, FS, KZN, L, EC

africana (L.) Hoffmanns.

Perennial. Herb. Ht 0.08–0.2 m. Alt 15–765 m. WC

anceps Eckl. ex Klatt

Perennial. Herb. Ht 0.3–0.45 m. Alt 15–550 m. EC

angolensis Baker subsp. **acutivalvis** Weim.

Perennial. Herb. Ht? Alt? M

angolensis Baker subsp. **angolensis**

Perennial. Herb. Ht 0.25–1.2 m. Alt 30–2700 m. LIM, M,
 S, FS, KZN, EC

angolensis Baker subsp. **majubensis** (Baker) Weim.

Perennial. Herb. Ht 0.18–0.48 m. Alt ?–2135 m. LIM, M

angolensis Baker subsp. **pulchella** Weim.

Perennial. Herb. Ht 0.18–0.48 m. Alt ?–1220 m. LIM, M

bakeri Klatt

Perennial. Herb. Ht 0.6–1.06 m. Alt 90–940 m. WC, EC

biflora Weim.

Perennial. Herb. Ht 0.2–0.4 m. Alt ?–290 m. WC

bracteata Pers.

A. coerulea (Thunb.) Vahl (14)

A. monticola Goldblatt (13)

Perennial. Herb. Ht 0.8–1.3 m. Alt 300–520 m. WC

cantharophila Goldblatt & J.C.Manning

Perennial. Herb. Ht 0.18–0.3 m. Alt? WC

capitata (L.) Ker Gawl.

A. major Andrews (13)

Perennial. Herb. Ht 0.8–1.8 m. Alt 150–1220 m. WC

coerulea (Thunb.) Vahl = **A. bracteata**

cognata N.E.Br. ex Weim. = **A. abyssinica**

compressa Buchinger ex Baker

Perennial. Herb. Ht 0.3–0.5 m. Alt 10–915 m. KZN

- confusa** Goldblatt
Perennial. Herb. Ht 0.8–1.8 m. Alt 150–1220 m. WC
- cuspidata** Schinz
Perennial. Herb. Ht 0.25–0.6 m. Alt 365–1500 m. WC
- dichotoma** (Thunb.) Ker Gawl.
Perennial. Herb. Ht 0.1–0.3 m. Alt 15–1065 m. NC, WC
- ecklonii** Baker
Perennial. Herb. Ht 0.15–0.7 m. Alt 30–1980 m. LIM, M, S, KZN, EC
- ensifolia** J.Muir
Perennial. Herb. Ht 0.25–0.45 m. Alt 45–700 m. WC, EC
- fimbriata** Goldblatt & J.C.Manning
Perennial. Herb. Ht 0.2–0.3 m. Alt ± 500 m. WC
- flexicaulis** Baker
Perennial. Herb. Ht 0.8–1 m. Alt 10–300 m. KZN
- galpinii** N.E.Br. ex Weim.
Perennial. Herb. Ht 0.25–0.5 m. Alt 400–1690 m. M, S
- gerrardii** Weim.
Perennial. Herb. Ht 0.3–0.5 m. Alt 5–1220 m. KZN
- glauca** Klatt
Perennial. Herb. Ht 0.1–0.15 m. Alt 18–100 m. WC
- grandis** Weim.
Perennial. Herb. Ht 0.25–0.5 m. Alt ?–2256 m. M, KZN
- inaequalis** Goldblatt & J.C.Manning
Perennial. Herb. Ht 0.8–1.5 m. Alt 500–700 m. NC, WC
- juncifolia** Baker
Perennial. Herb. Ht 0.2–0.3 m. Alt 75–395 m. WC
- latifolia** G.J.Lewis
Perennial. Herb. Ht 0.8–1.2 m. Alt 500–1500 m. WC
- lugens** (L.f.) Steud.
Perennial. Herb. Ht 0.2–0.35 m. Alt 151–460 m. WC
- macrocarpa** G.J.Lewis
Perennial. Herb. Ht 0.8–1.5 m. Alt 150–610 m. WC
- major* Andrews = **A. capitata**
- montana** Baker
Perennial. Herb. Ht 0.16–0.38 m. Alt ?–2440 m. FS, KZN, L, EC
- monticola* Goldblatt = **A. bracteata**
- oligocephala** Baker
Perennial. Herb. Ht 0.13–0.4 m. Alt 300–1065 m. WC
- palustris** Schltr.
Perennial. Herb. Ht 0.5–1 m. Alt 50–185 m. WC
- pauciflora** Wolley-Dod
Perennial. Herb. Ht 0.2–0.4 m. Alt 100–335 m. WC
- platycaulis** Baker
Perennial. Herb. Ht 0.25–0.35 m. Alt? EC
- pusilla** (Thunb.) Ker Gawl. subsp. **pusilla**
Perennial. Herb. Ht 0.08–0.15 m. Alt 120–915 m. WC
- pusilla** (Thunb.) Ker Gawl. subsp. **robustior** Weim.
Perennial. Herb. Ht 0.15–0.2 m. Alt ?–1525 m. EC
- racemosa** Baker var. **inflata** Weim.
Perennial. Herb. Ht 0.2–0.35 m. Alt ?–1400 m. WC
- racemosa** Baker var. **racemosa**
Perennial. Herb. Ht 0.2–0.35 m. Alt 60–1220 m. WC
- recisa** Weim.
Perennial. Herb. Ht 0.15–0.35 m. Alt 200–1145 m. WC
- rigidifolia** G.J.Lewis
Perennial. Herb. Ht 0.8–1.5 m. Alt 45–400 m. WC
- rupicola** Goldblatt & J.C.Manning
Perennial. Herb. Ht 0.15–0.2 m. Alt ± 700 m. WC
- schizolaena** Harv. ex Baker
Perennial. Herb. Ht 0.4–0.6 m. Alt 200–1900 m. KZN, EC
- simplex** Weim.
Perennial. Herb. Ht 0.2–0.3 m. Alt 100–300 m. WC
- singularis** Weim.
Perennial. Herb. Ht 0.2–0.3 m. Alt 600–700 m. WC
- spiralis** (L.f.) Ker Gawl.
Perennial. Herb. Ht 0.3–0.5 m. Alt 100–1130 m. WC
- stokoei* L.Guthrie = **Nivenia stokoei**
- teretifolia** Goldblatt & J.C.Manning
Perennial. Herb. Ht 0.2–0.3 m. Alt? WC
- torulosa** Klatt
Perennial. Herb. Ht 0.3–0.5 m. Alt 200–700 m. KZN, EC
- woodii** N.E.Br.
Perennial. Herb. Ht 0.3–0.7 m. Alt 800–2670 m. LIM, M, S, FS, KZN, L, EC
- zeyheri** Baker
Perennial. Herb. Ht 0.15–0.3 m. Alt 50–450 m. WC
- BABIANA** Ker Gawl. 1310000
- (1) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 357.
 - (2) Lewis. 1934. *The Flowering Plants of South Africa* 14: tt. 545, 546.
 - (3) Lewis. 1938. *The Flowering Plants of South Africa* 18: tt. 685, 686.
 - (4) Dyer. 1945. *The Flowering Plants of Africa* 25: t. 962.
 - (5) Lewis. 1959. *Journal of South African Botany*, Suppl. 3: 1–149.
 - (6) Nordenstam. 1970. *Botaniska Notiser* 123: 431–443.
 - (7) Goldblatt. 1971. *Journal of South African Botany* 37: 317–460.
 - (8) Obermeyer. 1977. *The Flowering Plants of Africa* 44: t. 1731.
 - (9) Franklin. 1979. *The Flowering Plants of Africa* 46: t. 1805.
 - (10) Goldblatt. 1979. *Journal of South African Botany* 45: 81–89.
 - (11) Goldblatt. 1983. *The Flowering Plants of Africa* 47: t. 1866.
 - (12) Goldblatt. 1990. *South African Journal of Botany* 56: 577–582.
- ambigua** (Roem. & Schult.) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.05–0.08 m. Alt 20–460 m. WC
- angustifolia** Sweet
B. pulchra (Salisb.) G.J.Lewis (6)
Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt 115–215 m. WC
- attenuata** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.08–0.12 m. Alt? NC
- aurea* Klotzsch = **Crocoshmia aurea** var. **aurea**
- auriculata** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.04–0.1 m. Alt? WC
- blanda** (L.Bolus) G.J.Lewis
Perennial. Herb, geophyte. Ht ± 0.06 m. Alt? WC
- brachystachys** (Baker) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt 15–50 m. NC, WC
- cedarbergensis** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.04–0.06 m. Alt? WC
- crispa** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.08–0.13 m. Alt? NC, WC
- cuneifolia* Baker = **B. pubescens**
- curviscapa** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt 335–825 m. NC

- disticha** Ker Gawl.
B. plicata Ker Gawl. (7)
Perennial. Herb, geophyte. Ht 0.07–0.1 m. Alt 61–910 m.
WC
- dregei** Baker
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 1000–1525 m. NC
- ecklonii** Klatt var. **ecklonii**
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 150–385 m.
WC
- ecklonii** Klatt var. **latifolia** (L.Bolus) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? WC
- falcata** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt ?–1280 m.
N, NW, FS, NC
- fimbriata** (Klatt) Baker
B. spiralis Baker (7)
Perennial. Herb, geophyte. Ht 0.12–0.2 m. Alt? NC
- flabellifolia** Harv. ex Klatt
Perennial. Herb, geophyte. Ht 0.05–0.15 m. Alt 800–1600 m. NC
- flavida** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.05–0.12 m. Alt 915–1250 m. NC
- foliosa** G.J.Lewis
Perennial. Herb, geophyte. Ht ± 0.04 m. Alt? WC
- fourcadei** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt 60–488 m.
WC, EC
- framesii** L.Bolus var. **framesii**
Perennial. Herb, geophyte. Ht 0.1–0.5 m. Alt 610–700 m. NC
- framesii** L.Bolus var. **kamiesbergensis** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.8–0.12 m. Alt? NC
- geniculata** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.05–0.08 m. Alt? WC
- horizontalis** G.J.Lewis
Perennial. Herb, geophyte. Ht ± 0.05 m. Alt ?–1350 m. NC
- hypogea** Burch. var. **ensifolia** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt? NC
- hypogea** Burch. var. **hypogea**
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 90–2100 m.
N, B, LIM, G, M, FS, NC
- hypogea** Burch. var. **longituba** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt ?–2040 m.
LIM
- klaverensis** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.06–0.1 m. Alt? WC
- leipoldtii** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.06–0.15 m. Alt? WC
- lewisiana** B.Nord.
Perennial. Herb, geophyte. Ht 0.07–0.12 m. Alt? WC
- lineolata** Klatt
B. parviflora Brehmer ex Klatt (6)
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt ?–800 m.
WC
- lobata** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.12–0.25 m. Alt ?–500 m.
NC
- longicollis** Dinter
Perennial. Herb, geophyte. Ht ± 0.1 m. Alt? N
- minuta** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.03–0.05 m. Alt? NC, WC
- montana** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.05–0.08 m. Alt 100–450 m.
WC
- mucronata** (Jacq.) Ker Gawl. var. **longituba** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt? WC
- mucronata** (Jacq.) Ker Gawl. var. **minor** G.J.Lewis
Perennial. Herb, geophyte. Ht ± 0.1 m. Alt ?–600 m. WC
- mucronata** (Jacq.) Ker Gawl. var. **mucronata**
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 140–700 m.
NC, WC
- namaquensis** Baker
Perennial. Herb, geophyte. Ht 0.5–0.8 m. Alt? N, NC
- nana** (Andrews) Spreng. var. **angustifolia** (Eckl.) G.J.Lewis
= **B. nana** var. **maculata**
- nana** (Andrews) Spreng. var. **confusa** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt? WC
- nana** (Andrews) Spreng. var. **maculata** (Klatt) B.Nord.
B. nana (Andrews) Spreng. var. *angustifolia* (Eckl.) G.J.Lewis (6)
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt ± 60 m. WC
- nana** (Andrews) Spreng. var. **nana**
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt ?–120 m.
WC
- obliqua** E.Phillips
Perennial. Herb, geophyte. Ht 0.08–0.12 m. Alt ?–251 m.
WC
- odorata** L.Bolus
Perennial. Herb, geophyte. Ht 0.08–0.12 m. Alt ?–330 m.
WC
- parviflora* Brehmer ex Klatt = **B. lineolata**
- patersoniae** L.Bolus
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt 90–685 m.
WC, EC
- patula** N.E.Br.
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 15–460 m.
WC
- pauciflora** G.J.Lewis
Perennial. Herb, geophyte. Ht ± 0.1 m. Alt? NC
- pilosa** G.J.Lewis
Perennial. Herb, geophyte. Ht ± 0.08 m. Alt? WC
- plicata* Ker Gawl. = **B. disticha**
- pubescens** (Lam.) G.J.Lewis
B. cuneifolia Baker (5)
Perennial. Herb, geophyte. Ht 0.06–0.1 m. Alt? NC
- pulchra* (Salisb.) G.J.Lewis = **B. angustifolia**
- purpurea** (Jacq.) Ker Gawl.
Perennial. Herb, geophyte. Ht 0.12–0.2 m. Alt? WC
- pygmaea** (Burm.f.) Baker
Perennial. Herb, geophyte. Ht 0.04–0.12 m. Alt 50–100 m.
WC
- ringens** (L.) Ker Gawl.
Antholyza ringens L. (14)
Perennial. Herb, geophyte. Ht 0.1–0.14 m. Alt 40–610 m.
NC, WC

- rubrocyanea** (Jacq.) Ker Gawl.
Perennial. Herb, geophyte. Ht 0.05–0.15 m. Alt ?–152 m.
WC
- salteri** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt? WC
- sambucina** (Jacq.) Ker Gawl. var. **longibracteata** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt 30–1310 m.
NC
- sambucina** (Jacq.) Ker Gawl. var. **sambucina**
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 61–1525 m.
WC, EC
- sambucina** (Jacq.) Ker Gawl. var. **undulato-venosa** (Klatt)
G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt? WC
- sambucina** (Jacq.) Ker Gawl. var. **unguiculata** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.12 m. Alt? NC
- scabrifolia** Brehmer ex Klatt var. **acuminata** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt? WC
- scabrifolia** Brehmer ex Klatt var. **declinata** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt? WC
- scabrifolia** Brehmer ex Klatt var. **scabrifolia**
B. subglabra G.J.Lewis (5)
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt ?–155 m.
WC
- scariosa** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.6 m. Alt 400–720 m.
NC, WC
- secunda** (Thunb.) Ker Gawl.
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt ?–120 m.
WC
- sinuata** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt ?–155 m.
WC
- spathacea** (L.f.) Ker Gawl.
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 765–1500 m.
NC
- spiralis* Baker = **B. fimbriata**
- stenomera** Schltr.
Perennial. Herb, geophyte. Ht 0.08–0.12 m. Alt ?–460 m.
WC
- striata** (Jacq.) G.J.Lewis var. **planifolia** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt ?–61 m. NC
- striata** (Jacq.) G.J.Lewis var. **striata**
Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt 220–975 m.
NC, WC
- stricta** (Aiton) Ker Gawl. var. **erectifolia** G.J.Lewis
Perennial. Herb, geophyte. Ht ± 0.15 m. Alt 100–245 m.
WC
- stricta** (Aiton) Ker Gawl. var. **grandiflora** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt? WC
- stricta** (Aiton) Ker Gawl. var. **regia** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 75–500 m.
WC
- stricta** (Aiton) Ker Gawl. var. **stricta**
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 60–330 m.
WC
- stricta** (Aiton) Ker Gawl. var. **sulphurea** (Jacq.) Baker
Perennial. Herb, geophyte. Ht? Alt ?–245 m. WC
- subglabra* G.J.Lewis = **B. scabrifolia** var. **scabrifolia**
- thunbergii** Ker Gawl.
Anaclanthe namaquensis N.E.Br. (14)
Anaclanthe plicata (L.f.) N.E.Br. (14)
Antholyza plicata L.f. (14)
Perennial. Herb, geophyte. Ht 0.2–1 m. Alt 5–230 m. NC,
WC
- torta** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.04–0.08 m. Alt? NC, WC
- tritonoides** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt? NC
- truncata** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.05–0.07 m. Alt ?–1200 m.
NC
- tubulosa** (Burm.f.) Ker Gawl. var. **tubiflora** (L.f.) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt 5–610 m.
WC
- tubulosa** (Burm.f.) Ker Gawl. var. **tubulosa**
Perennial. Herb, geophyte. Ht 0.12–0.25 m. Alt ?–305 m.
WC
- unguiculata** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt? WC
- vanzyliae** L.Bolus
Perennial. Herb, geophyte. Ht 0.8–0.12 m. Alt 46–825 m.
NC
- villosa** (Aiton) Ker Gawl. var. **grandis** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt? WC
- villosa** (Aiton) Ker Gawl. var. **villosa**
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 305–765 m.
WC
- villosula** (J.F.Gmel.) Ker Gawl. ex Steud.
Perennial. Herb, geophyte. Ht 0.03–0.1 m. Alt 121–549 m.
WC
- virginea** Goldblatt
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt? NC
- BARNARDIELLA** Goldblatt 1277010
spiralis (N.E.Br.) Goldblatt = **Moraea herrei**
- BELAMCANDA** Adans. 1285000
bulbifera (L.) Moench = **Sparaxis bulbifera**
- BOBARTIA** L. 1284000
(1) Strid. 1974. *Opera Botanica* 37: 1–45.
(2) Obermeyer. 1978. *The Flowering Plants of Africa* 44: t. 1742.
- aphylla** (L.f.) Ker Gawl.
Perennial. Herb. Ht 0.3–0.6 m. Alt 60–1705 m. WC, EC
- fasciculata** J.B.Gillett ex Strid
Perennial. Herb. Ht 0.8–1.5 m. Alt ?–765 m. WC
- filiformis** (L.f.) Ker Gawl.
Perennial. Herb. Ht 0.15–0.55 m. Alt 65–1200 m. WC
- gladiata** (L.f.) Ker Gawl. subsp. **gladiata**
Perennial. Herb. Ht 0.3–0.9 m. Alt 200–1035 m. WC
- gladiata** (L.f.) Ker Gawl. subsp. **major** (G.J.Lewis)
Strid
Perennial. Herb. Ht 0.5–0.8 m. Alt? WC
- gladiata** (L.f.) Ker Gawl. subsp. **teres** Strid
Perennial. Herb. Ht 0.4–0.7 m. Alt ?–370 m. WC

- gracilis** Baker
Perennial. Herb. Ht 0.2–0.45 m. Alt 365–915 m. EC
- indica** L.
Perennial. Herb. Ht 0.5–1.3 m. Alt 25–795 m. WC
- lilacina** G.J.Lewis
Perennial. Herb. Ht 0.3–0.7 m. Alt 1200–1370 m. WC
- longicyma** J.B.Gillett subsp. **longicyma**
Perennial. Herb. Ht 0.6–1.2 m. Alt 18–250 m. WC
- longicyma** J.B.Gillett subsp. **magna** J.B.Gillett ex Strid
Perennial. Herb. Ht 0.5–1.8 m. Alt? WC
- longicyma** J.B.Gillett subsp. **microflora** Strid
Perennial. Herb. Ht 0.4–1.2 m. Alt ?–180 m. WC
- macrocarpa** Strid
Perennial. Herb. Ht 0.8–1 m. Alt? EC
- macrospatha** Baker subsp. **anceps** (Baker) Strid
Perennial. Herb. Ht 1.25–1.5 m. Alt 275–914 m. WC, EC
- macrospatha** Baker subsp. **macrospatha**
Perennial. Herb. Ht 0.6–1.1 m. Alt 100–1035 m. WC, EC
- orientalis** J.B.Gillett subsp. **occidentalis** Strid
Perennial. Herb. Ht 0.45–1.3 m. Alt ?–650 m. WC
- orientalis** J.B.Gillett subsp. **orientalis**
Perennial. Herb. Ht 0.75–1.6 m. Alt 50–731 m. EC
- paniculata** G.J.Lewis
Perennial. Herb. Ht 0.4–1 m. Alt? WC
- parva** J.B.Gillett
Perennial. Herb. Ht 0.15–0.4 m. Alt ?–1075 m. WC
- robusta** Baker
Perennial. Herb. Ht 0.7–2 m. Alt 240–546 m. WC
- rufa** Strid
Perennial. Herb. Ht 0.5–1 m. Alt ?–1035 m. WC

CHASMANTHE N.E.Br. 1306030

- (1) Phillips. 1928. *The Flowering Plants of South Africa* 8: t. 309.
- (2) Brown. 1932. *Transactions of the Royal Society of South Africa* 20: 272–274.
- (3) De Vos. 1985. *South African Journal of Botany* 51: 253–261.
- (4) De Vos. 1999. In De Vos & Goldblatt, *FSA* 7,2, Fasc. 1: 143–147.

aethiopica (L.) N.E.Br.

- Antholyza aethiopica* L. (3)
Antholyza aethiopica L. var. *immarginata* Thunb. ex Baker (4)
Antholyza aethiopica L. var. *ringens* (Andrews) Baker (4)
Antholyza aethiopica L. var. *vittigera* (Salisb.) Baker (4)
Antholyza floribunda Salisb. (4)
Antholyza ringens in sense of Andrews (4)
Antholyza vittigera Salisb. (4)
C. peglerae N.E.Br. (3)
C. vittigera (Salisb.) N.E.Br. (3)
Petamenes aethiopica (L.) E.Phillips (3)
Petamenes peglerae (N.E.Br.) E.Phillips (3)
Petamenes vittigera (Salisb.) E.Phillips (3)
Perennial. Herb, geophyte. Ht 0.25–0.6 m. Alt 3–1525 m.
WC, EC

bicolor (Gasp.) N.E.Br.

- Antholyza aethiopica* L. var. *bicolor* (Gasp.) Baker (4)
Antholyza aethiopica L. var. *minor* Lindl. (4)
Antholyza bicolor Gasp. (4)
Petamenes bicolor (Gasp. ex Ten.) E.Phillips (3)
Perennial. Herb, geophyte. Ht 0.5–0.8 m. Alt? WC

caffra (Baker) N.E.Br. = **Tritoniopsis caffra**

- floribunda** (Salisb.) N.E.Br. var. **duckittii** G.J.Lewis ex L.Bolus
Perennial. Herb, geophyte. Ht 0.7–1.5 m. Alt? WC

floribunda (Salisb.) N.E.Br. var. **floribunda**

- Antholyza aethiopica* in sense of Burm.f. (4)
Antholyza praealta Redouté (4)
Petamenes floribunda (Salisb.) E.Phillips (3)
Perennial. Herb, geophyte. Ht 0.7–1.5 m. Alt 15–640 m.
NC, WC

fucata (Herb.) N.E.Br. = **Crocsmia fucata****intermedia** (Baker) N.E.Br. = **Tritoniopsis intermedia****peglerae** N.E.Br. = **C. aethiopica****spectabilis** (Schinz) N.E.Br. = **Gladiolus magnificus****vittigera** (Salisb.) N.E.Br. = **C. aethiopica****CROCANTHUS** Klotzsch ex Klatt 1306100**mossambicensis** Klotzsch ex Klatt, naked name = **Crocsmia aurea** var. **aurea****CROCOSMIA** Planch. 1306010

- (1) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 94.
- (2) Phillips. 1924. *The Flowering Plants of South Africa* 4: t. 152.
- (3) Brown. 1932. *Transactions of the Royal Society of South Africa* 20: 264.
- (4) Milne-Redhead. 1948. *Kew Bulletin* 2: 469.
- (5) Goldblatt. 1971. *Journal of South African Botany* 37: 317.
- (6) Obermeyer. 1981. *Bothalia* 13: 463–502.
- (7) De Vos. 1984. *Journal of South African Botany* 50: 463–502.
- (8) De Vos. 1999. In De Vos & Goldblatt, *FSA* 7,2, Fasc. 1: 129–138.

aurea (Pappe ex Hook.) Planch. var. **aurea**

- Babiana aurea* Klotzsch (7)
Crocanthus mossambicensis Klotzsch ex Klatt, naked name (7)
Tritonia aurea Pappe ex Hook. (7)
Perennial. Herb, geophyte. Ht 0.45–1.6 m. Alt 100–3000 m. LIM, G, M, S, KZN, L, EC

aurea (Pappe ex Hook.) Planch. var. **maculata** Baker

- C. maculata* (Baker) N.E.Br. (7)
Perennial. Herb, geophyte. Ht 0.45–1.6 m. Alt 100–3000 m. M, KZN

fucata (Herb.) M.P.de Vos

- Chasmanthe fucata* (Herb.) N.E.Br. (7)
Petamenes fucata (Herb.) E.Phillips (7)
Tritonia fucata Herb. (7)
Perennial. Herb, geophyte. Ht 1.3–2 m. Alt? NC

maculata (Baker) N.E.Br. = **C. aurea** var. **maculata****masonorum** (L.Bolus) N.E.Br.

- Tritonia masonorum* L.Bolus (7)
Perennial. Herb, geophyte. Ht 0.5–0.8 m. Alt 1000–1615 m. EC

mathewsiana (L.Bolus) Goldblatt

- Tritonia mathewsiana* L.Bolus (7)
Perennial. Herb, geophyte. Ht 1–2 m. Alt 1500–1700 m.
M

paniculata (Klatt) Goldblatt

- Antholyza paniculata* Klatt (7)
Curtonus paniculatus (Klatt) N.E.Br. (5)
Perennial. Herb, geophyte. Ht 1.2–1.5 m. Alt 610–2135 m. LIM, M, S, FS

pearsei Oberm.

- Perennial. Herb, geophyte. Ht 0.7–1 m. Alt 2200–3000 m.
FS, KZN, L

pottsii (Macnab ex Baker) N.E.Br.

- Gladiolus pottsii* Macnab, naked name (7)
Montbretia pottsii Macnab ex Baker (7)
Tritonia pottsii (Macnab ex Baker) Baker (7)
Perennial. Herb, geophyte. Ht 0.6–1.2 m. Alt 765–1830 m. KZN, EC

CURTONUS N.E.Br. 1306050*paniculatus* (Klatt) N.E.Br. = **Crocsmia paniculata****DEVIA** Goldblatt & J.C.Manning 1306090(1) Goldblatt & Manning. 1990. *Annals of the Missouri Botanical Garden* 77: 359–364.(2) Goldblatt. 1999. In De Vos & Goldblatt, *FSA* 7,2, Fasc. 1: 149, 150.**xeromorpha** Goldblatt & J.C.ManningPerennial. Herb, geophyte. Ht 0.5–0.7 m. Alt 1500–1700 m.
NC**DIERAMA** K.Koch 1303000(1) Brown. 1929. *Journal of the Royal Horticultural Society* 54: 193–202.(2) Lewis. 1934. *The Flowering Plants of South Africa* 14: t. 541, 542.(3) Verdoorn. 1941. *The Flowering Plants of South Africa* 21: t. 836.(4) Verdoorn. 1942. *The Flowering Plants of South Africa* 22: tt. 845, 855, 874.(5) Hilliard. 1988. *Notes from the Royal Botanic Garden Edinburgh* 45: 77–94.(6) Marais. 1988. *Notes from the Royal Botanic Garden Edinburgh* 45: 105.(7) Hilliard & Burt. 1991. *The hairbells of Africa*: 1–152.**adelphicum** Hilliard

Perennial. Herb, geophyte. Ht 0.7–1.2 m. Alt 1700–1920 m. LIM, M, S

ambiguum HilliardPerennial. Herb, geophyte. Ht 0.9–1.1 m. Alt ?–1820 m.
KZN, EC**argyreum** L.Bolus*D. argyreum* L.Bolus var. *majus* N.E.Br. (7)Perennial. Herb, geophyte. Ht 0.65–1.35 m. Alt ?–1830 m.
KZN, EC*argyreum* L.Bolus var. *majus* N.E.Br. = **D. argyreum****atrum** N.E.Br.

Perennial. Herb, geophyte. Ht 0.75–1.3 m. Alt 915–1830 m. EC

cooperi N.E.Br.Perennial. Herb, geophyte. Ht 0.6–2 m. Alt ?–2420 m. FS,
KZN*davyi* N.E.Br. = **D. insigne****dissimile** Hilliard

Perennial. Herb, geophyte. Ht 0.45–0.7 m. Alt 1500–2225 m. KZN, EC

dracomontanum Hilliard

Perennial. Herb, geophyte. Ht 0.3–1.05 m. Alt 1500–2800 m. FS, KZN, L, EC

dubium N.E.Br.

Perennial. Herb, geophyte. Ht 0.7–1.5 m. Alt? KZN

elatum N.E.Br.

Perennial. Herb, geophyte. Ht ± 1.5 m. Alt? S

erectum Hilliard

Perennial. Herb, geophyte. Ht 1.5–1.65 m. Alt? KZN

floriferum Hilliard

Perennial. Herb, geophyte. Ht 0.4–0.75 m. Alt 800–1675 m. M, KZN, EC

formosum Hilliard

Perennial. Herb, geophyte. Ht 0.75–1.65 m. Alt ?–2134 m. M

galpinii N.E.Br.

Perennial. Herb, geophyte. Ht 1–1.5 m. Alt 915–1830 m. M, S, KZN

gracile N.E.Br.

Perennial. Herb, geophyte. Ht 0.4–0.75 m. Alt 1200–1615 m. LIM, M

grandiflorum G.J.Lewis

Perennial. Herb, geophyte. Ht 1.3–1.5 m. Alt ?–1295 m. EC

igneum Klatt*D. pansum* N.E.Br. (5)Perennial. Herb, geophyte. Ht 0.5–1.35 m. Alt 15–1830 m.
KZN, EC**insigne** N.E.Br.*D. davyi* N.E.Br. (5)*D. rupestre* N.E.Br. (5)

Perennial. Herb, geophyte. Ht 0.65–1.5 m. Alt ?–2100 m. M, S, KZN

jucundum Hilliard

Perennial. Herb, geophyte. Ht 0.8–0.95 m. Alt? L, EC

latifolium N.E.Br.*D. palustre* N.E.Br. (7)Perennial. Herb, geophyte. Ht 0.9–2.5 m. Alt ?–2225 m.
KZN, EC*longiflorum* G.J.Lewis = **D. pulcherrimum****luteoalbidum** I.Verd.Perennial. Herb, geophyte. Ht 0.65–1.2 m. Alt ?–1370 m.
KZN**medium** N.E.Br.

Perennial. Herb, geophyte. Ht 0.3–0.8 m. Alt 1350–2135 m. M, S

medium N.E.Br. var. *mossii* N.E.Br. = **D. mossii****mobile** Hilliard

Perennial. Herb, geophyte. Ht 0.7–1.5 m. Alt ?–1830 m. M, S

mossii (N.E.Br.) Hilliard*D. medium* N.E.Br. var. *mossii* N.E.Br. (5)

Perennial. Herb, geophyte. Ht 0.5–1 m. Alt ?–1525 m. G, M, S, KZN

nebrownii Hilliard

Perennial. Herb, geophyte. Ht 0.8–1 m. Alt 1750–2075 m. M

nixonianum Hilliard

Perennial. Herb, geophyte. Ht 0.1–0.75 m. Alt 765–1500 m. KZN

pallidum Hilliard

Perennial. Herb, geophyte. Ht 0.5–1 m. Alt ?–1065 m. KZN

palustre N.E.Br. = **D. latifolium***pansum* N.E.Br. = **D. igneum****pauciflorum** N.E.Br.

Perennial. Herb, geophyte. Ht 0.35–0.6 m. Alt ?–2225 m. M, KZN, EC

pendulum (L.f.) Baker

Perennial. Herb, geophyte. Ht 1–2 m. Alt 90–2000 m. EC

pictum N.E.Br.

Perennial. Herb, geophyte. Ht 0.6–1 m. Alt ?–2500 m. M, S, FS, KZN

pulcherrimum (Hook.f.) Baker*D. longiflorum* G.J.Lewis (7)

Perennial. Herb, geophyte. Ht 1–1.8 m. Alt 915–1675 m. EC

pumilum N.E.Br.

Perennial. Herb, geophyte. Ht 0.65–1.35 m. Alt? KZN

reynoldsii I.Verd.

Perennial. Herb, geophyte. Ht 0.8–2 m. Alt 860–1370 m. KZN, EC

robustum N.E.Br.

Perennial. Herb, geophyte. Ht 0.8–2 m. Alt 640–2925 m. FS, KZN, L, EC

rupestre N.E.Br. = **D. insigne****sertum** Hilliard

Perennial. Herb, geophyte. Ht 0.7–1.25 m. Alt ?–490 m. KZN

trichorhizum (Baker) N.E.Br.

Perennial. Herb, geophyte. Ht 0.15–0.6 m. Alt 1200–2700 m. M, KZN, L, EC

tyrium Hilliard

Perennial. Herb, geophyte. Ht 1.2–2 m. Alt 546–1920 m. M, KZN

tysonii N.E.Br.

Perennial. Herb, geophyte. Ht 0.45–0.85 m. Alt 1370–1650 m. KZN

DIETES Salisb. ex Klatt 1265010

- (1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 31.
- (2) Obermeyer. 1967. *The Flowering Plants of Africa* 38: tt. 1487, 1488.
- (3) Obermeyer. 1969. *The Flowering Plants of Africa* 39: tt. 1524, 1525.
- (4) Goldblatt. 1981. *Annals of the Missouri Botanical Garden* 68: 132–153.

bicolor (Steud.) Sweet ex Klatt

Perennial. Herb. Ht 0.7–1 m. Alt 15–610 m. KZN, EC

butcheriana Gerstner

Perennial. Herb. Ht 0.8–1.2 m. Alt ?–1465 m. KZN, EC

flavida Oberm.

Perennial. Herb, geophyte. Ht 0.8–1 m. Alt 60–1219 m. M, S, KZN

grandiflora N.E.Br.

Perennial. Herb. Ht 0.75–1 m. Alt 30–610 m. KZN, EC

iridioides (L.) Sweet ex Klatt

D. vegeta (L.) N.E.Br. (4)

Moraea iridioides L. (4)

Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 30–1828 m. LIM, M, S, KZN, WC, EC

vegeta (L.) N.E.Br. = **D. iridioides****DUTHIASTRUM** M.P.de Vos 1306020

- (1) De Vos. 1974. *Journal of South African Botany* 40: 301–309.
- (2) De Vos. 1975. *Journal of South African Botany* 41: 91.
- (3) De Vos. 1999. In De Vos & Goldblatt, *FSA* 7,2, Fasc. 1: 139–141.

linifolium (E.Phillips) M.P.de Vos

Duthiella linifolia (E.Phillips) M.P.de Vos (2)

Syringodea linifolia E.Phillips (2)

Perennial. Herb, geophyte. Ht 0.06–0.15 m. Alt ?–1370 m. NW, NC

DUTHIELLA M.P.de Vos 1306060**linifolia** (E.Phillips) M.P.de Vos = **Duthiastrum linifolium****ENGYSIPHON** G.J.Lewis 1300010**brevitubus** G.J.Lewis = **Geissorhiza brevituba****exscapus** (Thunb.) G.J.Lewis = **Geissorhiza exscapa****longifolius** G.J.Lewis = **Geissorhiza longifolia****longitubus** G.J.Lewis = **Geissorhiza exscapa****pictus** (R.C.Foster) G.J.Lewis in sense of G.J.Lewis = **Geissorhiza bonaspei****roseoalba** (G.J.Lewis) G.J.Lewis = **Geissorhiza roseoalba****roseus** (Schinz) G.J.Lewis = **Geissorhiza tenella****schinzii** (Baker) G.J.Lewis = **Geissorhiza schinzii****FERRARIA** Burm. ex Mill. 1272000

(1) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 66.

(2) Lewis. 1959. *The Flowering Plants of Africa* 33: t. 1316.

(3) De Vos. 1979. *Journal of South African Botany* 45: 295–375.

(4) Goldblatt & Manning. 2002. *Novon* 12: 460–464.

antherosa Ker Gawl. = **F. divaricata** subsp. **divaricata****bechuanica** Baker = **F. glutinosa****brevifolia** G.J.Lewis

Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt? NC

crispa Burm. subsp. **crispa**

F. undulata L. (3)

F. vandermerwei L.Bolus (3)

Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 10–1200 m. WC

crispa Burm. subsp. **nortieri** M.P.de Vos

Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt? WC

crispulata L.Bolus = **F. uncinata** subsp. **macrochlamys****densepunctulata** M.P.de Vos

Perennial. Herb, geophyte. Ht 0.08–0.3 m. Alt? WC

divaricata Sweet subsp. **arenosa** M.P.de Vos

Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt? NC, WC

divaricata Sweet subsp. **aurea** M.P.de Vos

Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt ?–180 m. NC, WC

divaricata Sweet subsp. **australis** M.P.de Vos

Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt 320–1005 m. WC

divaricata Sweet subsp. **divaricata**

F. antherosa Ker Gawl. (3)

Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 70–930 m. NC, WC

ferrariola (Jacq.) Willd.

Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 105–980 m. NC, WC

foliosa G.J.Lewis

Perennial. Herb, geophyte. Ht 0.4–0.45 m. Alt? NC, WC

framesii L.Bolus = **F. uncinata** subsp. **uncinata****glutinosa** (Baker) Rendle

F. bechuanica Baker (3)

F. welwitschii Baker (3)

Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt ?–950 m. N, B, NW, NC

kamiesbergensis M.P.de Vos

Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt? NC

lugubris Salisb. = **Moraea lugubris****ovata** (Thunb.) Goldblatt & J.C.Manning

Moraea ovata Thunb. (4)

Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt? NC

schaeferi Dinter

Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt? N, NC

tristis (L.f.) Salisb. = **Moraea vegeta****uncinata** Sweet subsp. **macrochlamys** (Baker) M.P.de Vos

F. crispulata L.Bolus (3)

Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt ?–610 m. NC

uncinata Sweet subsp. **uncinata**

F. framesii L.Bolus (3)

Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt 305–915 m. WC

undulata L. = **F. crispa** subsp. **crispa****vandermerwei** L.Bolus = **F. crispa** subsp. **crispa****welwitschii** Baker = **F. glutinosa**

FREESIA Klatt 1316000

- (1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 11.
 (2) Goldblatt. 1982. *Journal of South African Botany* 48: 39–91.
 (3) Goldblatt & Manning. 1995. *Systematic Botany* 20: 161–178.
 (4) Goldblatt & Manning. 2000. *Strelitzia* 9: 714.
 (5) Manning & Goldblatt. 2001. *Bothalia* 31: 189–212.

alba (G.L.Mey.) Gumbel.

Perennial. Herb, geophyte. Ht 0.12–0.4 m. Alt 30–610 m. WC

andersoniae L.Bolus

Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 915–1420 m.
 NW, FS, NC

armstrongii Watson = **F. corymbosa****brevis** N.E.Br. = **F. corymbosa****caryophyllacea** (Burm.f.) N.E.Br.

F. elimensis L.Bolus (4)

F. parva N.E.Br. (2)

Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt 73–351 m. WC

corymbosa (Burm.f.) N.E.Br.

F. armstrongii Watson (2)

F. brevis N.E.Br. (2)

F. metelkampi L.Bolus (2)

Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 120–1005 m.
 WC, EC

elimensis L.Bolus = **F. caryophyllacea****fergusoniae** L.Bolus

Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt 100–700 m. WC

flava N.E.Br. = **F. speciosa****framesii** L.Bolus = **F. occidentalis****fucata** J.C.Manning & Goldblatt

Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? WC

grandiflora (Baker) Klatt

Anomatheca grandiflora Baker (3)

Lapeirousia grandiflora (Baker) Baker (3)

Perennial. Herb, geophyte. Ht 0.5–0.6 m. Alt 70–1636 m.
 LIM, NW, G, M, S

hurlingii L.Bolus = **F. refracta****laxa** (Thunb.) Goldblatt & J.C.Manning subsp. **azurea**
 (Goldblatt & Hutchings) Goldblatt & J.C.Manning

Anomatheca laxa (Thunb.) Goldblatt subsp. *azurea* Goldblatt & Hutchings (3)

Perennial. Geophyte. Ht 0.5–0.15 m. Alt 0–70 m. KZN

laxa (Thunb.) Goldblatt & J.C.Manning subsp. **laxa**

Anomatheca laxa (Thunb.) Goldblatt subsp. *laxa* (3)

Lapeirousia cruenta (Lindl.) Baker (3)

Lapeirousia laxa (Thunb.) N.E.Br. (3)

Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 10–2160 m.
 LIM, M, S, KZN, EC

leichtlinii Klatt

F. middlemostii W.F.Barker (2)

Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt ?–700 m. WC

metelkampi L.Bolus = **F. corymbosa****middlemostii** W.F.Barker = **F. leichtlinii****occidentalis** L.Bolus

F. framesii L.Bolus (2)

Perennial. Herb, geophyte. Ht 0.09–0.2 m. Alt ?–1000 m. NC,
 WC

parva N.E.Br. = **F. caryophyllacea****refracta** (Jacq.) Klatt

F. hurlingii L.Bolus (2)

Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 5–640 m. WC

sparrmannii (Thunb.) N.E.Br.

Perennial. Herb, geophyte. Ht 0.12–0.18 m. Alt? WC

sparrmannii (Thunb.) N.E.Br. var. **flava** E.Phillips & N.E.Br.
 = **F. speciosa****speciosa** L.Bolus

F. flava N.E.Br. (2)

F. sparrmannii (Thunb.) N.E.Br. var. *flava* E.Phillips & N.E.Br. (2)

Perennial. Herb, geophyte. Ht 0.12–0.2 m. Alt? WC

verrucosa (Vogel) Goldblatt & J.C.Manning

Anomatheca verrucosa (Vogel in Trew) Goldblatt (3)

Perennial. Herb, geophyte. Ht 0.08–0.2 m. WC, EC

viridis (Aiton) Goldblatt & J.C.Manning

Anomatheca viridis (Aiton) Goldblatt subsp. *crispifolia* Goldblatt (3)

Anomatheca viridis (Aiton) Goldblatt subsp. *viridis* (3)

Lapeirousia viridis (Aiton) L.Bolus (3)

Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 155–860 m. N,
 NC, WC

FREUCHENIA Eckl. 1265050**bulbifera** Eckl., naked name = **Moraea ramosissima****GALAXIA** Thunb. 1262000**alata** Goldblatt = **Moraea angulata****albiflora** G.J.Lewis = **Moraea albiflora****barnardii** Goldblatt = **Moraea barnardiella****ciliata** Pers. = **Moraea pilifolia****citrina** G.J.Lewis = **Moraea citrina****fenestralis** Goldblatt & E.G.H.Oliv. = **Moraea fenestralis****fugacissima** (L.f.) Druce = **Moraea fugacissima****grandiflora** Andrews = **Moraea kamiesensis****kamiesmontana** Goldblatt = **Moraea kamiesmontana****luteoalba** Goldblatt = **Moraea luteoalba****ovata** Thunb. = **Moraea galaxia****parva** Goldblatt = **Moraea minima****penduncularis** Bég. = **Moraea falcifolia****stagnalis** Goldblatt = **Moraea stagnalis****variabilis** G.J.Lewis = **Moraea variabilis****versicolor** Salisb. ex Klatt = **Moraea versicolor****GEISSORHIZA** Ker Gawl. 1300000

(1) Barker. 1938. *The Flowering Plants of South Africa* 18: t. 688.

(2) Foster. 1941. *Contributions from the Gray Herbarium of Harvard University* 135: 1–78.

(3) Goldblatt & Barnard. 1970. *Journal of South African Botany* 36: 291–318.

(4) Goldblatt. 1983. *Nordic Journal of Botany* 3: 437–442.

(5) Goldblatt. 1985. *Annals of the Missouri Botanical Garden* 72: 277–447.

(6) Goldblatt. 1989. *The Flowering Plants of Africa* 50: t. 1996.

(7) Goldblatt & Manning. 1995. *Novon* 5: 156–161.

alticola Goldblatt

Perennial. Herb, geophyte. Ht? Alt ?–1706 m. WC

arenicola Goldblatt

Perennial. Herb, geophyte. Ht? Alt ?–750 m. NC, WC

aspera Goldblatt

G. secunda (P.J.Bergius) Ker Gawl. (4)

Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 15–1050 m.
 NC, WC

barkeriae Goldblatt

Perennial. Herb, geophyte. Ht? Alt? WC

bicolor (Thunb.) N.E.Br. var. **bicolor** = **G. imbricata** subsp.**bicolor**

bicolor (Thunb.) N.E.Br. var. *macowanii* R.C.Foster =
G. imbricata subsp. **bicolor**

bolusii Baker
G. dregei Baker (5)
G. rupestris Schltr. (5)
Perennial. Herb, geophyte. Ht up to 0.05 m. Alt 610–1500 m. WC

bonaspei Goldblatt
Engysiphon pictus (R.C.Foster) G.J.Lewis in sense of G.J.Lewis (5)
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 60–350 m. WC

bracteata Klatt
Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt ?–185 m. WC, EC

brehmii Eckl. ex Klatt
G. teretifolia G.J.Lewis (5)
Perennial. Herb, geophyte. Ht 0.12–0.25 m. Alt? WC

brevituba (G.J.Lewis) Goldblatt
Engysiphon brevitubus G.J.Lewis (5)
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt? WC

bryicola Goldblatt
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt 39–200 m. WC

burchellii R.C.Foster
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 345–1350 m. WC

callista Goldblatt
Perennial. Herb, geophyte. Ht 0.12–0.25 m. Alt? WC

cataractarum Goldblatt
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt ?–305 m. WC

cedarmontana Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt? WC

ciliatula Goldblatt
Perennial. Herb, geophyte. Ht 0.06–0.12 m. Alt? WC

confusa Goldblatt
Perennial. Herb, geophyte. Ht 0.12–0.35 m. Alt 700–1065 m. WC

corrugata Klatt
Perennial. Herb, geophyte. Ht 0.05–0.08 m. Alt ?–1220 m. NC

darlingensis Goldblatt
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt? WC

delicatula Goldblatt
Perennial. Herb, geophyte. Ht 0.08–0.5 m. Alt? WC

divaricata Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt? NC, WC

dregei Baker = **G. bolusii**

elsiae Goldblatt
Perennial. Herb, geophyte. Ht 0.14–0.25 m. Alt? WC

erubescens Goldblatt
Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt? WC

esterhuyseniae Goldblatt
Perennial. Herb, geophyte. Ht 0.07–0.08 m. Alt? WC

eurystigma L.Bolus
G. mathewsii L.Bolus var. *eurystigma* (L.Bolus) R.C.Foster (5)
G. monantha Sweet (5)
G. rochensis Ker Gawl. var. *spithamaea* (Ker Gawl.) Baker (5)
Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt? WC

exscapa (Thunb.) Goldblatt
Engysiphon exscapus (Thunb.) G.J.Lewis (6)
Engysiphon longitubus G.J.Lewis (5)
Perennial. Herb, geophyte. Ht 0.18–0.3 m. Alt 335–1010 m. NC, WC

foliosa Klatt
Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt 460–765 m. WC

fourcadei (L.Bolus) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt 915–1370 m. WC, EC

furva Ker Gawl. ex Baker
Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt? WC

geminata E.Mey. ex Baker
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt? WC

grandiflora Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt ?–762 m. WC

grandis Hook.f. = **Gladiolus grandiflorus**

hesperanthoides Schltr.
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 915–1463 m. WC

heterostyla L.Bolus
G. rogersii N.E.Br. (5)
G. rosea (Klatt) R.C.Foster (5)
Perennial. Herb, geophyte. Ht 0.12–0.45 m. Alt 12–1675 m. NC, WC, EC

hirta (Thunb.) Ker Gawl. = **G. inconspicua**

hispidula (R.C.Foster) Goldblatt
G. humilis (Thunb.) Ker Gawl. var. *bicolor* Baker (5)
G. humilis (Thunb.) Ker Gawl. var. *hispidula* R.C.Foster (5)
Perennial. Herb, geophyte. Ht 0.07–0.25 m. Alt 40–765 m. WC

humilis (Thunb.) Ker Gawl.
Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt ?–1400 m. WC

humilis (Thunb.) Ker Gawl. var. *bicolor* Baker = **G. hispidula**

humilis (Thunb.) Ker Gawl. var. *hispidula* R.C.Foster =
G. hispidula

imbricata (D.Delaroche) Ker Gawl. subsp. **bicolor** (Thunb.) Goldblatt
G. bicolor (Thunb.) N.E.Br. var. *bicolor* (5)
G. bicolor (Thunb.) N.E.Br. var. *macowanii* R.C.Foster (5)
G. imbricata (D.Delaroche) Ker Gawl. var. *concolor* Baker (5)
G. rubicunda R.C.Foster (5)
Perennial. Herb, geophyte. Ht 0.06–0.25 m. Alt 100–825 m. WC

imbricata (D.Delaroche) Ker Gawl. subsp. **imbricata**
G. sulphurea Schltr. var. *arenicola* R.C.Foster (5)
G. wrightii Baker (5)
Perennial. Herb, geophyte. Ht 0.08–0.25 m. Alt ?–15 m. WC

imbricata (D.Delaroche) Ker Gawl. var. *concolor* Baker =
G. imbricata subsp. **bicolor**

inaequalis L.Bolus
Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt ?–610 m. NC

inconspicua Baker
G. hirta (Thunb.) Ker Gawl. (3)
G. violacea Baker (5)
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 200–1420 m. WC, EC

inflexa (D.Delaroche) Ker Gawl.
G. inflexa (D.Delaroche) Ker Gawl. var. *erosa* (Salisb.) Goldblatt (5)
G. quinqueangularis Eckl. ex Klatt (3)
Perennial. Herb, geophyte. Ht 0.12–0.35 m. Alt 5–975 m. WC

inflexa (D.Delaroche) Ker Gawl. var. *erosa* (Salisb.) Goldblatt =
G. inflexa

- intermedia** Goldblatt
Perennial. Herb, geophyte. Ht 0.05–0.15 m. Alt? WC
- ixioides* Schltr. = **G. leipoldtii**
- juncea** (Link) A.Dietr.
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 61–1005 m. WC
- juncea* (Link) A.Dietr. var. *pallidiflora* (Schltr.) R.C.Foster = **G. scillarlis**
- kamiesmontana** Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt? NC
- karoocica** Goldblatt
Perennial. Herb, geophyte. Ht 0.03–0.08 m. Alt? WC
- leipoldtii** R.C.Foster
G. ixioides Schltr. (5)
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt 535–885 m. WC
- lewisiae* R.C.Foster = **G. monanthos**
- lithicola** Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? WC
- longifolia** (G.J.Lewis) Goldblatt
Engysiphon longifolius G.J.Lewis (5)
Perennial. Herb, geophyte. Ht 0.12–0.2 m. Alt ?–671 m. WC
- louisabolusiae** R.C.Foster
G. louisabolusiae R.C.Foster var. *longifolia* R.C.Foster (5)
Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt? WC
- louisabolusiae* R.C.Foster var. *longifolia* R.C.Foster = **G. louisabolusiae**
- malmesburiensis** R.C.Foster
Perennial. Herb, geophyte. Ht 0.05–0.08 m. Alt? WC
- marlothii* R.C.Foster = **G. ornithogaloides** subsp. **marlothii**
- mathewsii** L.Bolus
Perennial. Herb, geophyte. Ht 0.08–0.18 m. Alt? WC
- mathewsii* L.Bolus var. *eurystigma* (L.Bolus) R.C.Foster = **G. eurystigma**
- minuta** Goldblatt
Perennial. Herb, geophyte. Ht 0.03–0.12 m. Alt? WC
- monantha* Sweet = **G. eurystigma**
- monanthos** Eckl.
G. lewisiae R.C.Foster (5)
Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt 90–457 m. WC
- montana* R.C.Foster = **G. ramosa**
- namaquensis** W.F.Barker
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt ?–765 m. NC
- nana** Klatt
Perennial. Herb, geophyte. Ht 0.05–0.07 m. Alt? WC
- nigromontana** Goldblatt
Perennial. Herb, geophyte. Ht 0.1–0.16 m. Alt? WC
- nubigena** Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt ?–1829 m. WC
- ornithogaloides** Klatt subsp. **marlothii** (R.C.Foster) Goldblatt
G. marlothii R.C.Foster (5)
Perennial. Herb, geophyte. Ht 0.04–0.1 m. Alt 945–1035 m. WC
- ornithogaloides** Klatt subsp. **ornithogaloides**
G. ornithogaloides Klatt var. *flava* R.C.Foster (5)
Perennial. Herb, geophyte. Ht 0.04–0.1 m. Alt 150–1050 m. WC, EC
- ornithogaloides* Klatt var. *flava* R.C.Foster = **G. ornithogaloides** subsp. **ornithogaloides**
- outeniquensis** Goldblatt
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt? WC
- ovalifolia** R.C.Foster
Perennial. Herb, geophyte. Ht 0.03–0.09 m. Alt ?–1158 m. WC
- ovata** (Burm.f.) Asch. & Graebn.
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt 20–765 m. WC
- pappei** Baker
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt? WC
- parva** Baker
Perennial. Herb, geophyte. Ht 0.04–0.12 m. Alt 155–1219 m. WC
- patersoniae* L.Bolus = **Gladiolus stellatus**
- pseudinaequalis** Goldblatt
Perennial. Herb, geophyte. Ht 0.08–0.3 m. Alt ?–915 m. WC
- purpurascens** Goldblatt
Perennial. Herb, geophyte. Ht 0.18–0.3 m. Alt? WC
- purpureolutea** Baker
G. sulphurea Schltr. var. *sulphurea* (5)
Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt 75–215 m. WC
- pusilla** (Andrews) Klatt
Perennial. Herb, geophyte. Ht 0.08–0.25 m. Alt? WC
- quadrangula* (D.Delaroche) Ker Gawl. = **Gladiolus quadrangulus**
- quinquangularis* Eckl. ex Klatt = **G. inflexa**
- radians** (Thunb.) Goldblatt
G. rochensis Ker Gawl. var. *rochensis* (6)
Perennial. Herb, geophyte. Ht 0.08–0.16 m. Alt 90–229 m. WC
- ramosa** Ker Gawl. ex Klatt
G. montana R.C.Foster (5)
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 180–1371 m. WC
- rochensis* Ker Gawl. var. *rochensis* = **G. radians**
- rochensis* Ker Gawl. var. *spithamaea* (Ker Gawl.) Baker = **G. eurystigma**
- rogersii* N.E.Br. = **G. heterostyla**
- rosea* (Klatt) R.C.Foster = **G. heterostyla**
- rosealba** (G.J.Lewis) Goldblatt
Engysiphon roseoalbus (G.J.Lewis) G.J.Lewis (5)
Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt 155–885 m. WC, EC
- rubicunda* R.C.Foster = **G. imbricata** subsp. **bicolor**
- rupestris* Schltr. = **G. bolusii**
- rupicola** Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt ± 1250 m. WC
- schinzii** (Baker) Goldblatt
Engysiphon schinzii (Baker) G.J.Lewis (5)
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt ?–400 m. WC
- scillarlis** A.Dietr.
G. juncea (Link) A.Dietr. var. *pallidiflora* (Schltr.) R.C.Foster (4)
Perennial. Herb, geophyte. Ht 0.12–0.35 m. Alt 350–1500 m. WC

scopulosa Goldblatt

Perennial. Herb, geophyte. Ht 0.06–0.2 m. Alt? WC

secunda (P.J.Bergius) Ker Gawl. = **G. aspera****setacea** (Thunb.) Ker Gawl.

Perennial. Herb, geophyte. Ht 0.04–0.08 m. Alt 10–185 m. WC

silenoides Goldblatt & J.C.Manning

Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt ± 1200 m. WC

similis Goldblatt

Perennial. Herb, geophyte. Ht 0.12–0.35 m. Alt ?–1600 m. WC

spiralis (Burch.) M.P.de Vos ex Goldblatt*Romulea spiralis* (Burch.) Baker (5)

Perennial. Herb, geophyte. Ht 0.03–0.05 m. Alt? NC

splendidissima Diels

Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt? NC

stenosiphon Goldblatt

Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? WC

subrigida L.Bolus

Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt? NC

sulphurascens Schltr. ex R.C.Foster

Perennial. Herb, geophyte. Ht 0.12–0.2 m. Alt 800–915 m. NC

sulphurea Schltr. var. **arenicola** R.C.Foster = **G. imbricata** subsp. **imbricata****sulphurea** Schltr. var. **sulphurea** = **G. purpureolutea****tabularis** Goldblatt

Perennial. Herb, geophyte. Ht 0.25–0.35 m. Alt? WC

tenella Goldblatt*Engysiphon roseus* (Schinz) G.J.Lewis (5)

Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 15–300 m. WC

teretifolia G.J.Lewis = **G. brehmii****tulbaghensis** F.Bolus

Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt ?–300 m. WC

uliginosa Goldblatt & J.C.Manning

Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 1000–1200 m. WC

umbrosa G.J.Lewis

Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt ?–800 m. WC

unifolia Goldblatt

Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt? WC

violacea Baker = **G. inconspicua****wrightii** Baker = **G. imbricata** subsp. **imbricata****GLADIOLUS** L.

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abbreviatus Andrews*Antholyza abbreviata* (Andrews) Pers. (43)*Homoglossum abbreviatum* (Andrews) Goldblatt (36)*Petamenes abbreviatus* (Andrews) N.E.Br. (43)

Perennial. Herb, geophyte. Ht 0.35–0.55 m. Alt? WC

acuminatus F.Bolus

Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 60–155 m. WC

adlamii Baker = **G. dalenii** subsp. **dalenii****aestivalis** Ingram = **G. tristis****affinis** De Wild. = **G. dalenii** subsp. **dalenii****alatus** L.*G. alatus* L. var. *algoensis* Herb. (43)*G. algoensis* (Herb.) Sweet (43)

Perennial. Herb, geophyte. Ht up to 0.15 m. Alt 30–1200 m. WC

alatus L. var. *algoensis* Herb. = **G. alatus***alatus* L. var. *meliusculus* G.J.Lewis = **G. meliusculus***alatus* L. var. *namaquensis* (Ker Gawl.) Baker = **G. equitans***alatus* L. var. *pulcherrimus* G.J.Lewis = **G. pulcherrimus***alatus* L. var. *speciosus* (Thunb.) G.J.Lewis = **G. speciosus****albens** Goldblatt & J.C.Manning*G. maculatus* Sweet subsp. *eburneus* Oberm. (43)

Perennial. Herb, geophyte. Ht 0.3–0.8 m. Alt 30–1200 m. EC

albidus Jacq. = **G. carneus***algoensis* (Herb.) Sweet = **G. alatus***angolensis* Welw. ex Baker = **G. dalenii** subsp. **dalenii****angustus** L.

Perennial. Herb, geophyte. Ht 0.5–1 m. Alt ?–1219 m. WC

antholyzoides Baker

- Antholyza laxiflora* Baker (43)
Antholyza schlechteri Baker (43)
G. brachylimbus Baker (43)
G. dalenii in sense of G.J.Lewis *et al.* in part, misapplied name (43)
G. magaliesmontanum F.Bolus (43)
G. strictiflorus L.Bolus, illegitimate name (43)
G. vogtsii L.Bolus (43)
 Perennial. Herb, geophyte. Ht 0.6–0.9 m. Alt 1500–2000 m. LIM, G, FS

appendiculatus G.J.Lewis

- G. appendiculatus* G.J.Lewis var. *longifolius* G.J.Lewis (43)
 Perennial. Herb, geophyte. Ht up to 0.4 m. Alt 830–1950 m. M, S, KZN

appendiculatus G.J.Lewis var. *longifolius* G.J.Lewis = **G. appendiculatus**

aquamontanus Goldblatt

- Perennial. Herb, geophyte. Ht 0.4–1 m. Alt? WC

arcuatus Klatt

- Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt ?–825 m. NC, WC

atropictus Goldblatt & J.C.Manning

- Perennial. Herb, geophyte. Ht 0.35–0.6 m. Alt ?–825 m. WC

aurantiacus Klatt

- Perennial. Herb, geophyte. Ht 0.45–0.6 m. Alt 215–1340 m. G, M, S, KZN

aureus Baker

- Homoglossum aureum* (Baker) Oberm. (24)
 Perennial. Herb, geophyte. Ht 0.35–0.5 m. Alt? WC

barnardii G.J.Lewis = **G. dalenii** subsp. **dalenii**

bicolor Eckl. ex Baker = **G. virescens**

bicolor Thunb. = **Sparaxis villosa**

biflorus Klatt, illegitimate name = **G. quadrangulus**

bilineatus G.J.Lewis

- Perennial. Herb, geophyte. Ht? Alt? WC

blackwellii L.Bolus = **G. oppositiflorus**

blandus Aiton = **G. carneus**

blandus Aiton var. *albidus* (Jacq.) Ker Gawl. = **G. carneus**

blandus Aiton var. *campanulatus* (Andrews) Ker Gawl. = **G. carneus**

blandus Aiton var. *excelsus* Ker Gawl. = **G. carneus**

blandus Aiton var. *mortoni* (Herb.) Baker = **G. mortoni**

blandus Aiton var. *purpureo-albescens* Ker Gawl. = **G. carneus**

blommesteinii L.Bolus

- G. blommesteinii* L.Bolus var. *major* L.Bolus (43)
 Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt ?–730 m. WC

blommesteinii L.Bolus var. *major* L.Bolus = **G. blommesteinii**

boehmii Vaupel = **G. dalenii** subsp. **dalenii**

bolusii Baker = **G. inflatus**

bolusii Baker var. *burchellii* F.Bolus = **G. rogersii**

bonaspei Goldblatt & M.P.de Vos

- Homoglossum merianellum* (Thunb.) Baker var. *aureum* G.J.Lewis (43)
Homoglossum merianellum (Thunb.) Baker var. *merianellum* (36)
Petamenes pilosus (Klatt) Goldblatt (43)
 Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt 300–550 m. WC

bowkeri G.J.Lewis = **G. floribundus**

brachylimbus Baker = **G. antholyzoides**

brachyphyllus F.Bolus

- Perennial. Herb, geophyte. Ht 0.4–0.8 m. Alt 136–460 m. M, S

brachyscyphus Baker = **G. papilio**

brevifolius Jacq.

- G. brevifolius* Jacq. var. *minor* G.J.Lewis (43)
G. brevifolius Jacq. var. *obscurus* G.J.Lewis (43)
G. brevifolius Jacq. var. *robustus* G.J.Lewis (43)
 Perennial. Herb, geophyte. Ht 0.15–0.45 m. Alt 100–915 m. WC

brevifolius Jacq. var. *minor* G.J.Lewis = **G. brevifolius**

brevifolius Jacq. var. *obscurus* G.J.Lewis = **G. brevifolius**

brevifolius Jacq. var. *robustus* G.J.Lewis = **G. brevifolius**

brevitubus G.J.Lewis

- Tritonia ventricosa* Baker (43)
 Perennial. Herb, geophyte. Ht 0.12–0.35 m. Alt 345–1400 m. WC

breynianus Ker Gawl. = **G. maculatus**

buckerveldii (L.Bolus) Goldblatt

- Antholyza buckerveldii* L.Bolus (43)
Petamenes buckerveldii (L.Bolus) N.E.Br. (43)
 Perennial. Herb, geophyte. Ht 0.8–1.2 m. Alt? WC

buettneri Pax = **G. dalenii** subsp. **dalenii**

bullatus Thunb. ex G.J.Lewis

- G. spathaceus* Pappe ex Baker, illegitimate name (24)
 Perennial. Herb, geophyte. Ht 0.5–0.8 m. Alt 60–1050 m. WC

burchellii (F.Bolus) Ingram = **G. rogersii**

caeruleus Goldblatt & J.C.Manning

- G. gracilis* Jacq. var. *latifolius* G.J.Lewis (41)
 Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt? WC

caffensis Cufod. = **G. dalenii** subsp. **dalenii**

calcaratus G.J.Lewis

- Perennial. Herb, geophyte. Ht 0.3–0.45 m. Alt 1500–2280 m. M

callistus F.Bolus = **G. carneus**

callistus F.Bolus var. *gracilior* F.Bolus = **G. carneus**

calothyrsus Vaupel = **G. dalenii** subsp. **dalenii**

campanulatus Andrews = **G. carneus**

cardinalis Curtis

- Perennial. Herb, geophyte. Ht 0.6–1.2 m. Alt ?–1220 m. WC

carinatus Aiton

- G. nivenii* Baker (43)
G. recurvus of author, not of L., concept invalid (43)
G. superans N.E.Br. (43)
G. tenellus Jacq. (43)
 Perennial. Herb, geophyte. Ht 0.2–1 m. Alt 5–1220 m. WC

carinatus Aiton subsp. *parviflorus* G.J.Lewis = **G. griseus**

carmineus C.H. Wright

- Perennial. Herb, geophyte. Ht 0.2–0.35 m. Alt 5–10 m. WC

carneus D.Delaroche

- G. albidus* Jacq. (43)
G. blandus Aiton (24)
G. blandus Aiton var. *albidus* (Jacq.) Ker Gawl. (43)
G. blandus Aiton var. *campanulatus* (Andrews) Ker Gawl. (43)
G. blandus Aiton var. *excelsus* Ker Gawl. (43)
G. blandus Aiton var. *purpureo-albescens* Ker Gawl. (43)
G. callistus F.Bolus (43)

G. callistus F.Bolus var. *gracilior* F.Bolus (43)
G. campanulatus Andrews (43)
G. cordatus Thunb. (43)
G. cuspidatus Jacq. var. *ensifolius* Baker (43)
G. cuspidatus Jacq. var. *ventricosus* (Lam.) Baker (43)
G. excelsus (Ker Gawl.) Sweet (43)
G. eximius Ingram (43)
G. expallescens Schrank (43)
G. lunulatus Klatt (43)
G. macowanianus Klatt (43)
G. pictus Sweet (43)
G. prismatosiphon Schltr. (24)
G. trimaculatus Lam. (43)
G. ventricosus Lam. (43)
G. vinulus Klatt (43)
 Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt 10–1220 m.
 WC

caryophyllaceus (Burm.f.) Poir.
Antholyza caryophyllacea Burm.f. (43)
G. similis Eckl. (43)
Homoglossum caryophyllaceum (Burm.f.) N.E.Br. (43)
 Perennial. Herb, geophyte. Ht 0.4–1 m. Alt 30–920 m. WC

cataractarum Oberm.
 Perennial. Herb, geophyte. Ht 0.45–0.7 m. Alt? M

ceresianus L.Bolus
 Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt ?–1130 m.
 NC, WC

citrinus Klatt = **G. trichonemifolius**

coccineus L.Bolus = **G. dalenii** subsp. **dalenii**

cochleatus Sweet = **G. debilis**

comptonii G.J.Lewis
 Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt 1770–1829 m. WC

concolor Salisb. = **G. tristis**

confusus N.E.Br. = **G. hyalinus**

conrathii Baker = **G. crassifolius**

cooperi Baker = **G. dalenii** subsp. **dalenii**

cordatus Thunb. = **G. carneus**

corneus Oliv. = **G. dalenii** subsp. **dalenii**

crassifolius Baker
G. conrathii Baker (43)
G. dieterlenii E.Phillips (24)
G. gazensis Rendle (42)
G. junodii Baker (43)
G. masukuensis Baker (42)
G. mosambicensis Baker (42)
G. rachidiflorus Klatt (43)
G. thomsonii Baker (42)
G. tritoniformis Kuntze (43)
G. unguiculatus in sense of Tredgold & Biegel, misapplied name (42)
 Perennial. Herb, geophyte. Ht 0.2–1.2 m. Alt 5–2200 m.
 LIM, G, M, S, FS, KZN, L, EC

crassifolius in sense of G.J.Lewis *et al.* in part, not of Baker, misapplied name = **G. paludosus**

crispulatus L.Bolus
G. tenuis Baker, illegitimate name (43)
 Perennial. Herb, geophyte. Ht 0.35–0.45 m. Alt? WC

crocatus (L.) Pers. = **Tritonia crocata**

cruentus in sense of G.J.Lewis *et al.* in part, not of T.Moore, misapplied name = **G. flanagani**

cruentus in sense of Pole Evans, misapplied name = **G. saundersii**

cruentus T.Moore
 Perennial. Herb, geophyte. Ht 0.5–0.7 m. Alt? KZN

cunonius (L.) Gaertn.
Anomalesia cunonia (L.) N.E.Br. (43)
Antholyza cunonia L. (43)
Petamenes cunonia (L.) E.Phillips (43)
 Perennial. Herb, geophyte. Ht 0.3–0.7 m. Alt 5–50 m. WC

cuspidatus Jacq. = **G. undulatus**

cuspidatus Jacq. var. *ensifolius* Baker = **G. carneus**

cuspidatus Jacq. var. *ventricosus* (Lam.) Baker = **G. carneus**

cylindraceus G.J.Lewis

Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt ?–1905 m. WC

cymbarius Baker = **G. rehmannii**

dalenii in sense of G.J.Lewis *et al.* in part incl. **G. antholyzoides**

dalenii Van Geel subsp. **dalenii**

G. adlamii Baker (43)
G. affinis De Wild. (42)
G. angolensis Welw. ex Baker (42)
G. barnardii G.J.Lewis (42)
G. boehmii Vaupel (42)
G. buettneri Pax (42)
G. caffensis Cufod. (42)
G. calothyrsus Vaupel (42)
G. coccineus L.Bolus (42)
G. cooperi Baker (24)
G. corneus Oliv. (42)
G. dracocephalus Hook.f. (24)
G. fuscoviridis Baker (43)
G. gallaensis Vaupel (42)
G. garnieri Klatt (42)
G. garuanus Vaupel (42)
G. hockii De Wild. (42)
G. ignescens Bojer ex Baker (42)
G. kilimandscharicus Pax (42)
G. leichtlinii Baker (43)
G. leptophyllus L.Bolus (43)
G. louwii L.Bolus (42)
G. luembensis De Wild. (42)
G. luteolus Klatt (42)
G. natalensis Reinw. ex Hook., illegitimate name (42)
G. newii Baker (42)
G. pageae L.Bolus (24)
G. platyphyllus Baker (43)
G. primulinus Baker (42)
G. psittacinus Hook.f. (42)
G. psittacinus Hook.f. var. *cooperi* Baker (42)
G. quartinianus A.Rich. (42)
G. retrocurvus G.J.Lewis (43)
G. saltatorum Baker (42)
G. splendidus Rendle (42)
G. sulphureus Baker (42)
G. taylorianus Rendle (42)
G. tysonii Baker (43)
Watsonia natalensis Eckl. (42)

Perennial. Herb, geophyte. Ht 0.35–1.6 m. Alt 5–2600 m.
 B, LIM, M, S, FS, KZN, L, EC

davisonii F.Bolus = **G. mortonius**

debilis Sims
G. cochleatus Sweet (43)
G. debilis Sims var. *cochleatus* (Sweet) G.J.Lewis (43)
G. lambda Klatt (43)
 Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt 55–300 m.
 WC

debilis Sims var. *cochleatus* (Sweet) G.J.Lewis = **G. debilis**

debilis Sims var. *variegatus* G.J.Lewis = **G. variegatus**

dehnianus Merxm. = **G. sericeovillosus** subsp. *calvatus*

delpierrei Goldblatt

Perennial. Herb, geophyte. Ht 0.4–0.45 m. Alt? WC

densiflorus Baker
G. invenustus G.J.Lewis (43)

- Perennial. Herb, geophyte. Ht 0.35–1.2 m. Alt 60–1770 m. M, S, KZN
- deserticola** Goldblatt
Perennial. Herb, geophyte. Ht 0.18–0.25 m. Alt? NC
- dieterlenii* E.Phillips = **G. crassifolius**
- dolomiticus** Oberm.
Perennial. Herb, geophyte. Ht 0.7–1 m. Alt? LIM
- dracocephalus* Hook.f. = **G. dalenii** subsp. **dalenii**
- dregei* Klatt = **G. orchidiflorus**
- ecklonii** Lehm.
G. inclusus F.Bolus (43)
Perennial. Herb, geophyte. Ht 0.25–1 m. Alt 365–2280 m. LIM, M, S, FS, KZN, L, EC
- ecklonii* Lehm. subsp. *rehmannii* (Baker) Oberm. = **G. rehmannii**
- ecklonii* Lehm. subsp. *vinosomaculatus* (Kies) Oberm. = **G. vinosomaculatus**
- edulis* Burch. ex Ker Gawl. = **G. permeabilis** subsp. **edulis**
- elliottii** Baker
Perennial. Herb, geophyte. Ht 0.15–0.7 m. Alt 475–2055 m. B, G, M, FS, KZN, L
- emiliae** L.Bolus
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt? WC
- engysiphon** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt? WC
- equitans** Thunb.
G. alatus L. var. *namaquensis* (Ker Gawl.) Baker (24)
G. namaquensis Ker Gawl. (43)
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt 140–1525 m. NC
- erectiflorus* Baker (1896), illegitimate name = **G. trichonemifolius**
- eulophioides* F.Bolus = **G. guthriei**
- excelsus* (Ker Gawl.) Sweet = **G. carneus**
- exiguus** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt ?–2135 m. M
- exilis** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 500–1145 m. WC
- eximius* Ingram = **G. carneus**
- expallescens* Schrank = **G. carneus**
- fasciatus* Roem. & Schult. = **G. grandiflorus**
- ferrugineus** Goldblatt & J.C.Manning
G. varius F.Bolus var. *micranthus* (Baker) Oberm. (43)
Perennial. Herb, geophyte. Ht 0.35–0.6 m. Alt? M, S
- filiformis** Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.4–0.5 m. Alt? NW
- flanagani** Baker
G. cruentus in sense of G.J.Lewis *et al.* in part, not of T.Moore (31)
Perennial. Herb, geophyte. Ht 0.35–0.6 m. Alt 2500–3050 m. FS, KZN, L
- flavidus* Ingram = **G. tristis**
- floribundus** Jacq.
G. bowkeri G.J.Lewis (43)
G. graminifolius (Baker) G.J.Lewis (43)
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 5–1200 m. WC, EC
- floribundus* Jacq. subsp. *fasciatus* (Roem. & Schult.) Oberm. = **G. grandiflorus**
- floribundus* Jacq. subsp. *milleri* (Ker Gawl.) Oberm. = **G. grandiflorus**
- floribundus* Jacq. subsp. *miniatus* (Eckl.) Oberm. = **G. miniatus**
- floribundus* Jacq. subsp. *rudis* (Licht. ex Roem. & Schult.) Oberm. = **G. rudis**
- formosus* Klatt, illegitimate name = **G. venustus**
- fourcadei** (L.Bolus) Goldblatt & M.P.de Vos
Antholyza fourcadei L.Bolus (43)
Homoglossum fourcadei (L.Bolus) N.E.Br. (43)
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt 100–1265 m. WC, EC
- frederickii* L.Bolus = **G. wilsonii**
- fulvescens* Ingram = **G. tristis**
- fuscoviridis* Baker = **G. dalenii** subsp. **dalenii**
- galeatus* Jacq. = **Sparaxis galeata**
- gallaensis* Vaupel = **G. dalenii** subsp. **dalenii**
- garnieri* Klatt = **G. dalenii** subsp. **dalenii**
- garuanus* Vaupel = **G. dalenii** subsp. **dalenii**
- gawleri* (Baker) Klatt = **G. watsonius**
- gazensis* Rendle = **G. crassifolius**
- geardii** L.Bolus
G. geardii L.Bolus var. *uitenhagensis* L.Bolus (43)
G. robustus Goldblatt (43)
Perennial. Herb, geophyte. Ht 0.7–1.2 m. Alt? WC, EC
- geardii* L.Bolus var. *uitenhagensis* L.Bolus = **G. geardii**
- gracilis** Jacq.
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 15–490 m. WC
- gracilis* Jacq. var. *latifolius* G.J.Lewis = **G. caeruleus**
- graminifolius* (Baker) G.J.Lewis = **G. floribundus**
- grandiflorus** Andrews
Geissorhiza grandis Hook.f. (43)
G. fasciatus Roem. & Schult. (43)
G. floribundus Jacq. subsp. *fasciatus* (Roem. & Schult.) Oberm. (43)
G. floribundus Jacq. subsp. *milleri* (Ker Gawl.) Oberm. (43)
G. milleri Ker Gawl. (43)
G. scaphochlamys Baker (43)
G. socium L.Bolus (43)
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 15–490 m. WC, EC
- grandis* (Thunb.) Thunb. = **G. liliaceus**
- griseus** Goldblatt & J.C.Manning
G. carinatus Aiton subsp. *parviflorus* G.J.Lewis (43)
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt 5–15 m. WC
- gueinzii** Kunze
Acidanthera brevicollis Baker (43)
G. sabulosus G.J.Lewis (43)
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt up to 5 m. KZN, WC, EC
- guthriei** F.Bolus
G. eulophioides F.Bolus (43)
G. odoratus L.Bolus (43)
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt? WC
- hibernus* Ingram = **G. maculatus**
- hirsutus** Jacq.
G. pilosus Eckl. (43)
G. punctulatus Schrank var. *autumnalis* G.J.Lewis (43)

- G. punctulatus* Schrank var. *punctulatus* (43)
G. villosus Ker Gawl. (43)
 Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 15–600 m.
 NC, WC
- hirsutus* Jacq. var. *tenuiflorus* Klatt = **G. priorii**
- hockii* De Wild. = **G. dalenii** subsp. **dalenii**
- hollandii** L.Bolus
G. varius F.Bolus var. *elatus* F.Bolus (24)
 Perennial. Herb, geophyte. Ht 0.6–1.2 m. Alt 855–915 m.
 LIM, M, S
- huttonii** (N.E.Br.) Goldblatt & M.P.de Vos
Homoglossum hollandii L.Bolus var. *hollandii* (43)
Homoglossum hollandii L.Bolus var. *zitzikammense* L.Bolus (43)
Homoglossum huttonii N.E.Br. (36)
 Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 30–685 m. EC
- hyalinus** Jacq.
G. confusus N.E.Br. (24)
G. strictus Jacq., illegitimate name (43)
 Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 200–1065 m.
 NC, WC, EC
- ignescens* Bojer ex Baker = **G. dalenii** subsp. **dalenii**
- inandensis** Baker
G. microphyllus Baker (43)
G. microsiphon Baker (43)
G. permeabilis D.Delaroche var. *wilsonii* in sense of G.J.Lewis *et al.*
 in part, misapplied name (43)
G. stenophyllus Baker, illegitimate name (43)
Tritonia teretifolia Baker (43)
 Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 15–490 m.
 KZN, EC
- inclusus* F.Bolus = **G. ecklonii**
- inflatus** Thunb.
G. bolusii Baker (43)
G. inflatus Thunb. var. *louiseae* (L.Bolus) Oberm. (43)
G. louiseae L.Bolus (43)
 Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt ?–1525 m.
 WC
- inflatus* Thunb. subsp. *intermedius* G.J.Lewis = **G. pater-soniae**
- inflatus* Thunb. var. *louiseae* (L.Bolus) Oberm. = **G. inflatus**
- inflexus** Goldblatt & J.C.Manning
 Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 15–200 m.
 WC
- insolens** Goldblatt & J.C.Manning
 Perennial. Herb, geophyte. Ht 0.4–0.65 m. Alt ± 700 m.
 WC
- invenustus* G.J.Lewis = **G. densiflorus**
- involutus** D.Delaroche
G. muirii L.Bolus (43)
 Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt 90–365 m.
 WC, EC
- jonquilliodorus** Eckl. ex G.J.Lewis
 Perennial. Herb, geophyte. Ht? Alt? WC
- junodii* Baker = **G. crassifolius**
- kamiesbergensis** G.J.Lewis
 Perennial. Herb, geophyte. Ht 0.4–0.5 m. Alt? NC
- kilimandscharicus* Pax = **G. dalenii** subsp. **dalenii**
- kirkii* Baker = **G. ochroleucus**
- lambda* Klatt = **G. debilis**
- lapeirousioides** Goldblatt
 Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt? NC
- leichtlinii* Baker = **G. dalenii** subsp. **dalenii**
- leptophyllus* L.Bolus = **G. dalenii** subsp. **dalenii**
- leptosiphon** F.Bolus
Radinosisiphon leptosiphon (F.Bolus) N.E.Br. (24)
 Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt ?–1370 m.
 WC, EC
- liliaceus** Hoult.
G. grandis (Thunb.) Thunb. (24)
G. tristis L. var. *grandis* Thunb. (43)
G. versicolor Andrews (43)
G. versicolor Andrews var. *major* Ker Gawl. (43)
 Perennial. Herb, geophyte. Ht 0.35–0.7 m. Alt 120–1525 m.
 WC, EC
- linearis* (L.f.) N.E.Br. = **G. quadrangulus**
- lithicola* Goldblatt & J.C.Manning, illegitimate name =
G. saxatilis
- longicollis** Baker subsp. **longicollis**
 Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt 25–1050 m.
 FS, KZN, L, WC, EC
- longicollis** Baker subsp. **platypetalus** (Baker) Goldblatt
 & J.C.Manning
G. longicollis Baker var. *platypetalus* (Baker) Oberm. (43)
G. praelongitubus G.J.Lewis (43)
 Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt 300–2000 m.
 LIM, M, S, KZN
- longicollis* Baker var. *platypetalus* (Baker) Oberm. = **G. longicollis** subsp. **platypetalus**
- loteniensis** Hilliard & B.L.Burt
 Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt ± 1800 m.
 KZN
- louiseae* L.Bolus = **G. inflatus**
- louwii* L.Bolus = **G. dalenii** subsp. **dalenii**
- ludwigii* Pappe ex Baker var. *calvatus* Baker = **G. sericeovillo-
 villosus** subsp. **calvatus**
- ludwigii* Pappe ex Baker var. *ludwigii* = **G. sericeovillo-
 sus** subsp. **sericeovillosus**
- luembensis* De Wild. = **G. dalenii** subsp. **dalenii**
- lunulatus* Klatt = **G. carneus**
- luteolus* Klatt = **G. dalenii** subsp. **dalenii**
- luteus* Klatt, illegitimate name = **G. virescens**
- macneilii** Oberm.
 Perennial. Herb, geophyte. Ht 0.7–0.9 m. Alt? M
- macowanianus* Klatt = **G. carneus**
- macowanii* Baker = **G. mortonius**
- maculatus** Sweet
G. breynianus Ker Gawl. (43)
G. hibernus Ingram (43)
G. maculatus Sweet subsp. *hibernus* (Ingram) Oberm. (43)
G. vaginatus F.Bolus var. *fergusoniae* L.Bolus (43)
 Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 30–1370 m.
 WC, EC
- maculatus* Sweet subsp. *eburneus* Oberm. = **G. albens**
- maculatus* Sweet subsp. *hibernus* (Ingram) Oberm. = **G. maculatus**
- maculatus* Sweet subsp. *meridionalis* (G.J.Lewis) Oberm.
 = **G. meridionalis**
- magaliesmontanum* F.Bolus = **G. antholyzoides**
- magnificus** (Harms) Goldblatt
Antholyza magnifica Harms (42)

- Antholyza spectabilis* Schinz (42)
Antholyza zambeziaca Baker (42)
Chasmanthe spectabilis (Schinz) N.E.Br. (43)
Oenostachys zambeziacus (Baker) Goldblatt (36)
Petamenes magnificus (Harms) R.C.Foster (42)
Petamenes spectabilis (Schinz) E.Phillips (43)
Petamenes zambeziacus (Baker) N.E.Br. (42)
 Perennial. Herb, geophyte. Ht 0.8–1.4 m. Alt ?–1005 m. B
- malvinus** Goldblatt & J.C.Manning
 Perennial. Herb, geophyte. Ht 0.55–0.7 m. Alt ± 2000 m.
 M
- marginatus* F.Bolus, illegitimate name = **G. rufomarginatus**
- marlothii** G.J.Lewis
 Perennial. Herb, geophyte. Ht 0.45–0.6 m. Alt ± 765 m.
 NC
- martleyi** L.Bolus
G. pillansii G.J.Lewis var. *pillansii* (43)
G. pillansii G.J.Lewis var. *roseus* G.J.Lewis (43)
 Perennial. Herb, geophyte. Ht 0.2–0.35 m. Alt 15–1200 m.
 NC, WC
- masoniorum* C.H.Wright = **G. ochroleucus**
- masukuensis* Baker = **G. crassifolius**
- meliusculus** (G.J.Lewis) Goldblatt & J.C.Manning
G. alatus L. var. *meliusculus* G.J.Lewis (43)
 Perennial. Herb, geophyte. Ht 0.12–0.25 m. Alt 35–150 m.
 WC
- meridionalis** G.J.Lewis
G. maculatus Sweet subsp. *meridionalis* (G.J.Lewis) Oberm. (43)
 Perennial. Herb, geophyte. Ht 0.35–0.45 m. Alt? WC, EC
- microcarpus** G.J.Lewis
 Perennial. Herb, geophyte. Ht 0.45–0.55 m. Alt 1800–2256 m. FS, KZN
- microcarpus* G.J.Lewis subsp. *italaensis* Oberm. = **G. scabridus**
- microphyllus* Baker = **G. inandensis**
- microsiphon* Baker = **G. inandensis**
- milleri* Ker Gawl. = **G. grandiflorus**
- miniatus** Eckl.
G. floribundus Jacq. subsp. *miniatus* (Eckl.) Oberm. (41)
 Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 10–30 m.
 WC
- modestus* Ingram = **G. recurvus**
- monticola** G.J.Lewis ex Goldblatt & J.C.Manning
 Perennial. Herb, geophyte. Ht 15–50 mm. Alt 400–915 m.
 WC
- mortonius** Herb.
G. blandus Aiton var. *mortonius* (Herb.) Baker (43)
G. davisonii F.Bolus (43)
G. macowanii Baker (43)
G. ochroleucus Baker var. *macowanii* (Baker) Oberm. (43)
 Perennial. Herb, geophyte. Ht 0.4–0.7 m. Alt? EC
- mosambicensis* Baker = **G. crassifolius**
- mostertiae** L.Bolus
 Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? NC
- muirii* L.Bolus = **G. involutus**
- muirii* L.Bolus, illegitimate name = **G. mutabilis**
- mutabilis** G.J.Lewis
G. muirii L.Bolus, illegitimate name (43)
 Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 275–765 m.
 WC, EC
- namaquensis* Ker Gawl. = **G. equitans**
- natalensis* Reinw. ex Hook., illegitimate name = **G. dalenii** subsp. **dalenii**
- nerineoides** G.J.Lewis
 Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt 500–1500 m. WC
- newii* Baker = **G. dalenii** subsp. **dalenii**
- nigromontanus** Goldblatt
 Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt? WC
- nivenii* Baker = **G. carinatus**
- nudus* N.E.Br. = **G. woodii**
- oatesii** Rolfe
 Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt 500–1500 m.
 B, LIM, G
- ochroleucus** Baker
G. kirkii Baker (43)
G. masoniorum C.H.Wright (43)
G. reductus Baker (43)
G. stanfordiae L.Bolus (43)
G. triangularis G.J.Lewis (24)
 Perennial. Herb, geophyte. Ht 0.4–0.8 m. Alt 15–1675 m.
 KZN, EC
- ochroleucus* Baker var. *macowanii* (Baker) Oberm. = **G. mortonius**
- odoratus* L.Bolus = **G. guthriei**
- odorus* Schrank, illegitimate name = **Sparaxis fragrans**
- oppositiflorus** Herb.
G. blackwellii L.Bolus (43)
G. oppositiflorus Herb. subsp. *salmoneus* (Baker) Oberm. (43)
G. salmoneus Baker (43)
 Perennial. Herb, geophyte. Ht 0.5–1.2 m. Alt 90–1525 m.
 KZN, EC
- oppositiflorus* Herb. subsp. *salmoneus* (Baker) Oberm. = **G. oppositiflorus**
- orchidiflorus** Andrews
G. dregei Klatt (43)
G. viperatus Ker Gawl. (43)
 Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 30–1450 m.
 FS, NC, WC
- oreocharis** Schltr.
 Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt ?–1981 m.
 WC
- ornatus** Klatt
 Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt 20–115 m.
 WC
- overbergensis** Goldblatt & M.P.de Vos
Antholyza guthriei L.Bolus (43)
Homoglossum guthriei (L.Bolus) L.Bolus (43)
Petamenes guthriei (L.Bolus) N.E.Br. (43)
 Perennial. Herb, geophyte. Ht 0.35–0.55 m. Alt? WC
- pageae* L.Bolus = **G. dalenii** subsp. **dalenii**
- paludosus** Baker
G. crassifolius in sense of G.J.Lewis *et al.* in part, not of Baker, misapplied name (43)
 Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt? M, S
- papilio** Hook.f.
G. brachyscyphus Baker (43)
G. purpureo-auratus Hook.f. (43)
G. schlechteri Baker (43)
G. spatulatus Baker (43)
 Perennial. Herb, geophyte. Ht 0.3–1.2 m. Alt 5–2350 m.
 M, S, FS, KZN, L, EC

pardalinus Goldblatt & J.C.Manning

G. woodii in sense of G.J.Lewis *et al.* in part, misapplied name (43)
Perennial. Herb, geophyte. Ht 0.35–0.55 m. Alt? LIM

parvulus Schltr.

G. subaphyllus N.E.Br. (24)
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 460–2440 m. KZN, L, EC

patersoniae F.Bolus

G. inflatus Thunb. subsp. *intermedius* G.J.Lewis (43)
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt 100–1500 m. WC

pavonia Goldblatt & J.C.Manning

Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt? LIM

permeabilis D.Delaroche subsp. **edulis** (Burch. ex Ker Gawl.) Oberm.

G. edulis Burch. ex Ker Gawl. (24)
G. remotiflorus Baker (42)
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 155–2440 m. N, B, LIM, G, S, FS, KZN, L

permeabilis D.Delaroche subsp. **permeabilis**

Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 85–975 m. WC

permeabilis D.Delaroche subsp. **wilsonii** (Baker) G.J.Lewis = **G. wilsonii****permeabilis** D.Delaroche var. **wilsonii** in sense of G.J.Lewis *et al.* in part, misapplied name = **G. inandensis****permeabilis** D.Delaroche var. **wilsonii** in sense of G.J.Lewis *et al.* in part, misapplied name = **G. wilsonii****phoenix** Goldblatt & J.C.Manning

Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt? WC

pictus Sweet = **G. carneus****pillansii** G.J.Lewis var. **pillansii** = **G. martleyi****pillansii** G.J.Lewis var. **roseus** G.J.Lewis = **G. martleyi****pilosus** Eckl. = **G. hirsutus****platyphyllus** Baker = **G. dalenii** subsp. **dalenii****pole-evansii** I. Verd.

Perennial. Herb, geophyte. Ht 0.6–1.1 m. Alt ?–1065 m. M

pottsii Macnab, naked name = **Crocasmia pottsii****praecox** Andrews = **G. watsonius****praelongitubus** G.J.Lewis = **G. longicollis** subsp. **platy-petalus****pretoriensis** Kuntze

Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt ?–1525 m. NW, G

primulinus Baker = **G. dalenii** subsp. **dalenii****priorii** (N.E.Br.) Goldblatt & M.P.de Vos

Antholyza priorii N.E.Br. (43)
G. hirsutus Jacq. var. *tenuiflorus* Klatt (43)
Homoglossum priorii (N.E.Br.) N.E.Br. (43)
Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt 10–500 m. WC

prismatosiphon Schltr. = **G. carneus****pritzelii** Diels

Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 700–1920 m. WC

pritzelii Diels var. **sufflavus** G.J.Lewis = **G. sufflavus****psittacinus** Hook.f. = **G. dalenii** subsp. **dalenii****psittacinus** Hook.f. var. **cooperi** Baker = **G. dalenii** subsp. **dalenii****pubescens** Baker, illegitimate name = **G. pubigerus****pubigerus** G.J.Lewis

G. pubescens Baker, illegitimate name (43)
G. pugioniformis Hilliard & B.L.Burt (38)
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–1950 m. M, S, KZN, EC

pugioniformis Hilliard & B.L.Burt = **G. pubigerus****pulchellus** Eckl. ex Klatt = **G. virescens****pulcherrimus** (G.J.Lewis) Goldblatt & J.C.Manning

G. alatus L. var. *pulcherrimus* G.J.Lewis (43)
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 500–1500 m. WC

punctulatus Schrank var. **autumnalis** G.J.Lewis = **G. hirsutus****punctulatus** Schrank var. **punctulatus** = **G. hirsutus****purpureo-auratus** Hook.f. = **G. papilio****quadrangularis** (Burm.f.) Ker Gawl.

Antholyza quadrangularis Burm.f. (43)
Homoglossum quadrangulare (Burm.f.) N.E.Br. (36)
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt ?–1065 m. WC

quadrangulus (D.Delaroche) Barnard

Geissorhiza quadrangula (D.Delaroche) Ker Gawl. (43)
G. biflorus Klatt, illegitimate name (43)
G. linearis (L.f.) N.E.Br. (43)
Ixia linearis L.f. (43)
Ixia quadrangula D.Delaroche (43)

Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt? WC

quartinianus A.Rich. = **G. dalenii** subsp. **dalenii****rachidiflorus** Klatt = **G. crassifolius****recurvus** L.

G. modestus Ingram (43)
Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt? WC

recurvus of author, not of L., concept invalid = **G. carinatus****reductus** Baker = **G. ochroleucus****rehmannii** Baker

G. cymbarius Baker (43)
G. ecklonii Lehm. subsp. *rehmannii* (Baker) Oberm. (43)
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt? B, NW, G

remotiflorus Baker = **G. permeabilis** subsp. **edulis****retrocurvus** G.J.Lewis = **G. dalenii** subsp. **dalenii****rhodanthus** J.C.Manning & Goldblatt

Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt ± 1800 m. WC

rigidifolius Baker = **G. sericeovillosus** subsp. **calvatus****robertsoniae** F.Bolus

Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–1790 m. M, FS

robustus Goldblatt = **G. geardii****rogersii** Baker

G. bolusii Baker var. *burchellii* F.Bolus (43)
G. burchellii (F.Bolus) Ingram (43)
G. rogersii Baker var. *graminifolius* G.J.Lewis (43)
G. rogersii Baker var. *vlokii* Goldblatt (43)
Perennial. Herb, geophyte. Ht 0.3–1 m. Alt 10–1525 m. WC

rogersii Baker var. **graminifolius** G.J.Lewis = **G. rogersii****rogersii** Baker var. **vlokii** Goldblatt = **G. rogersii****roseovenosus** Goldblatt & J.C.Manning

Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt? WC

rubellus Goldblatt

Perennial. Geophyte. Ht 0.25–0.6 m. Alt? B

rudis Licht. ex Roem. & Schult.

G. floribundus Jacq. subsp. *rudis* (Licht. ex Roem. & Schult.) Oberm. (43)
G. vomerulus Ker Gawl. (43)

Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt? WC

rufomarginatus G.J.Lewis

G. marginatus F.Bolus, illegitimate name (43)

Perennial. Herb, geophyte. Ht 0.35–0.75 m. Alt?–1585 m.
M

sabulosus G.J.Lewis = **G. gueinzii****saccatus** (Klatt) Goldblatt & M.P.de Vos

Anomalesia saccata (Klatt) Goldblatt (36)

Antholyza duftii Schinz (43)

Antholyza steingroeveri Pax (43)

G. saccatus (Klatt) Goldblatt & M.P.de Vos subsp. *steingroeveri* (Klatt) Goldblatt & M.P.de Vos (43)

Kentrosiphon duftii (Schinz) N.E.Br. (43)

Kentrosiphon gracilis N.E.Br. (43)

Kentrosiphon propinquus N.E.Br. (43)

Kentrosiphon saccatus (Klatt) N.E.Br. (43)

Kentrosiphon saccatus (Klatt) N.E.Br. subsp. *steingroeveri* (Pax) Oberm. (43)

Kentrosiphon steingroeveri (Pax) N.E.Br. (43)

Petamenes duftii (Schinz) E.Phillips (43)

Petamenes gracilis (N.E.Br.) E.Phillips (43)

Petamenes saccatus (Klatt) E.Phillips (43)

Petamenes steingroeveri (Pax) E.Phillips (43)

Perennial. Herb, geophyte. Ht 0.3–0.8 m. Alt 185–765 m.
N, NC, WC

saccatus (Klatt) Goldblatt & M.P.de Vos subsp. *steingroeveri* (Klatt) Goldblatt & M.P.de Vos = **G. saccatus***salmonaeus* Baker = **G. oppositiflorus***saltatorum* Baker = **G. dalenii** subsp. **dalenii****salteri** G.J.Lewis

Perennial. Herb, geophyte. Ht 0.08–0.1 m. Alt? NC

saundersii Hook.f.

G. cruentus in sense of Pole Evans, misapplied name (43)

G. spectabilis Baker (43)

Perennial. Herb, geophyte. Ht 0.4–0.7 m. Alt?–2745 m.
FS, KZN, L, EC

saxatilis Goldblatt & J.C.Manning

G. lithicola Goldblatt & J.C.Manning (44)

Perennial. Herb, geophyte. Ht 0.45–0.8 m. Alt? M

scabridus Goldblatt & J.C.Manning

G. microcarpus G.J.Lewis subsp. *italaensis* Oberm. (43)

Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt? KZN, M, S

scaphochlamys Baker = **G. grandiflorus***schlechteri* Baker = **G. papilio****scullyi** Baker

Perennial. Herb, geophyte. Ht 0.15–0.45 m. Alt 61–1450 m.
NC, WC

scullyi in sense of G.J.Lewis *et al.* in part, misapplied name = **G. venustus****sekukuniensis** P.Winter

Perennial. Herb, geophyte. Ht 0.6–1.1 m. Alt? LIM

sempervirens G.J.Lewis

G. splendens Baker, illegitimate name (24)

Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt 914–1065 m.
WC, EC

sericeovillosus Hook.f. forma *calvatus* (Baker) Oberm. = **G. sericeovillosus** subsp. **calvatus****sericeovillosus** Hook.f. subsp. **calvatus** (Baker) Goldblatt

G. dehnianus Merxm. (42)

G. ludwigii Pappe ex Baker var. *calvatus* Baker (39)

G. rigidifolius Baker (43)

G. sericeovillosus Hook.f. forma *calvatus* (Baker) Oberm. (39)

G. sericeovillosus Hook.f. var. *glabrescens* L.Bolus (42)

Perennial. Herb, geophyte. Ht 0.35–0.9 m. Alt? LIM, M

sericeovillosus Hook.f. subsp. **sericeovillosus**

G. ludwigii Pappe ex Baker var. *ludwigii* (24)

G. sericeovillosus Hook.f. var. *ludwigii* Pappe ex Baker (43)

G. sericeovillosus Hook.f. var. *rubicundus* Kuntze (43)

Perennial. Herb, geophyte. Ht 0.5–1.1 m. Alt 60–1980 m.
M, S, FS, KZN, EC

sericeovillosus Hook.f. var. *glabrescens* L.Bolus = **G. sericeovillosus** subsp. **calvatus***sericeovillosus* Hook.f. var. *ludwigii* Pappe ex Baker = **G. sericeovillosus** subsp. **sericeovillosus***sericeovillosus* Hook.f. var. *rubicundus* Kuntze = **G. sericeovillosus** subsp. **sericeovillosus****serpenticola** Goldblatt & J.C.Manning

Perennial. Herb, geophyte. Ht 0.5–0.7 m. Alt? M, S

similis Eckl. = **G. caryophyllaceus***socium* L.Bolus = **G. grandiflorus***spathaceus* Pappe ex Baker, illegitimate name = **G. bullatus***spathulatus* Baker = **G. papilio****speciosus** Thunb.

G. alatus L. var. *speciosus* (Thunb.) G.J.Lewis (43)

Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt? NC, WC

spectabilis Baker = **G. saundersii***splendens* Baker, illegitimate name = **G. sempervirens****splendens** (Sweet) Herb.

Anomalesia splendens (Sweet) N.E.Br. (36)

Petamenes splendens (Sweet) E.Phillips (43)

Perennial. Herb, geophyte. Ht 0.5–1 m. Alt 670–1000 m. NC

splendidus Rendle = **G. dalenii** subsp. **dalenii***stanfordiae* L.Bolus = **G. ochroleucus****stefaniae** Oberm.

Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt? WC

stellatus G.J.Lewis

Geissorhiza patersoniae L.Bolus (43)

Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt 15–1065 m.
WC, EC

stenophyllus Baker, illegitimate name = **G. inandensis****stokoei** G.J.Lewis

Perennial. Herb, geophyte. Ht 0.3–0.45 m. Alt? WC

strictiflorus L.Bolus, illegitimate name = **G. antholyzoides***strictus* Jacq., illegitimate name = **G. hyalinus***subaphyllus* N.E.Br. = **G. parvulus****subcaeruleus** G.J.Lewis

Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt 13–150 m.
WC

sufflavus (G.J.Lewis) Goldblatt & J.C.Manning

G. pritzelii Diels var. *sufflavus* G.J.Lewis (43)

Perennial. Herb, geophyte. Ht 0.4–0.7 m. Alt? NC

sulphureus Baker = **G. dalenii** subsp. **dalenii***superans* N.E.Br. = **G. carinatus***symmetranthus* G.J.Lewis = **G. trichonemifolius****symonsii** F.Bolus

Perennial. Herb, geophyte. Ht 0.25–0.45 m. Alt 1800–2590 m.
KZN, L

taubertianus Schltr.

Perennial. Herb, geophyte. Ht 0.18–0.25 m. Alt? WC

taylorianus Rendle = **G. dalenii** subsp. **dalenii**

templemannii Klatt = **G. virescens**

tenellus in sense of G.J.Lewis *et al.*, not of Jacq., misapplied name = **G. trichonemifolius**

tenellus Jacq. = **G. carinatus**

tenuis Baker, illegitimate name = **G. crispulatus**

teretifolius Goldblatt & M.P.de Vos

Antholyza muirii L.Bolus (43)

Homoglossum muirii (L.Bolus) N.E.Br. (43)

Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt ?–90 m. WC

thomsonii Baker = **G. crassifolius**

triangularis G.J.Lewis = **G. ochroleucus**

trichonemifolius Ker Gawl.

G. citrinus Klatt (43)

G. erectiflorus Baker (1896), illegitimate name (43)

G. symmetranthus G.J.Lewis (43)

G. tenellus in sense of G.J.Lewis *et al.*, not of Jacq., misapplied name (43)

Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt? WC

trichostachys Baker = **G. woodii**

trimaculatus Lam. = **G. carneus**

tristis L.

G. aestivalis Ingram (43)

G. concolor Salisb. (43)

G. flavidus Ingram (43)

G. fulvescens Ingram (24)

G. tristis L. var. *aestivalis* (Ingram) G.J.Lewis (43)

G. tristis L. var. *concolor* (Salisb.) Baker (43)

Perennial. Herb, geophyte. Ht 0.45–1.5 m. Alt 10–1700 m. WC, EC

tristis L. var. *aestivalis* (Ingram) G.J.Lewis = **G. tristis**

tristis L. var. *concolor* (Salisb.) Baker = **G. tristis**

tristis L. var. *grandis* Thunb. = **G. liliaceus**

tritoniiiformis Kuntze = **G. crassifolius**

tysonii Baker = **G. dalenii** subsp. **dalenii**

uithengahensis Goldblatt & Vlok

Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt? EC

undulatus L.

G. cuspidatus Jacq. (43)

Perennial. Herb, geophyte. Ht 0.5–0.8 m. Alt 15–765 m. NC, WC

unguiculatus in sense of Tredgold & Biegel, misapplied name = **G. crassifolius**

unguiculatus of author, not of Baker, concept invalid = **G. oatesii**

uysiae L.Bolus ex G.J.Lewis

Perennial. Herb, geophyte. Ht 0.07–0.2 m. Alt 185–920 m. NC

vaginatus F.Bolus

G. vaginatus F.Bolus subsp. *subtilis* Oberm. (43)

Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 15–227 m. WC

vaginatus F.Bolus subsp. *subtilis* Oberm. = **G. vaginatus**

vaginatus F.Bolus var. *fergusonae* L.Bolus = **G. maculatus**

vandermerwei (L.Bolus) Goldblatt & M.P.de Vos

Antholyza vandermerwei L.Bolus (43)

Homoglossum vandermerwei (L.Bolus) L.Bolus (43)

Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt ?–60 m. WC

variegatus (G.J.Lewis) Goldblatt & J.C.Manning

G. debilis Sims var. *variegatus* G.J.Lewis (41)

Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt? WC

varius F.Bolus

G. varius F.Bolus var. *brevifolius* F.Bolus (43)

Perennial. Herb, geophyte. Ht 0.4–1 m. Alt 485–2400 m. M, S

varius F.Bolus var. *brevifolius* F.Bolus = **G. varius**

varius F.Bolus var. *elatus* F.Bolus = **G. hollandii**

varius F.Bolus var. *micranthus* (Baker) Oberm. = **G. ferrugineus**

ventricosus Lam. = **G. carneus**

venustus G.J.Lewis

G. formosus Klatt, illegitimate name (43)

G. sculpyi in sense of G.J.Lewis *et al.* in part, misapplied name (43)

Perennial. Herb, geophyte. Ht 0.15–0.5 m. Alt? NC, WC

vernus Oberm.

Perennial. Herb, geophyte. Ht 0.3–0.7 m. Alt ?–1500 m. M, KZN

versicolor Andrews = **G. liliaceus**

versicolor Andrews var. *major* Ker Gawl. = **G. liliaceus**

vigilans Barnard

Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt? WC

villosus Burm.f. = **Sparaxis villosa**

villosus Ker Gawl. = **G. hirsutus**

vinosomaculatus Kies

G. ecklonii Lehm. subsp. *vinosomaculatus* (Kies) Oberm. (43)

Perennial. Herb, geophyte. Ht 0.5–0.65 m. Alt? G, M

vinulus Klatt = **G. carneus**

violaceolineatus G.J.Lewis

Perennial. Herb, geophyte. Ht 0.35–0.6 m. Alt? WC

viperatus Ker Gawl. = **G. orchidiflorus**

virescens Thunb.

G. bicolor Eckl. ex Baker (24)

G. luteus Klatt, illegitimate name (43)

G. pulchellus Eckl. ex Klatt (43)

G. templemannii Klatt (43)

G. virescens Thunb. var. *lepidus* G.J.Lewis (43)

G. virescens Thunb. var. *roseovenosus* G.J.Lewis (43)

Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt 305–915 m. WC, EC

virescens Thunb. var. *lepidus* G.J.Lewis = **G. virescens**

virescens Thunb. var. *roseovenosus* G.J.Lewis = **G. virescens**

virgatus Goldblatt & J.C.Manning

Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt? WC

viridiflorus G.J.Lewis

Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt? NC, WC

vogtsii L.Bolus = **G. antholyzoides**

vomerulus Ker Gawl. = **G. rudis**

watermeyeri L.Bolus

Perennial. Herb, geophyte. Ht 0.12–0.25 m. Alt ?–700 m. NC, WC

watsonius Thunb.

Antholyza acuminata N.E.Br. (43)

Antholyza revoluta in sense of Baker var. *gawleri* (Baker) Baker, misapplied name (43)

Antholyza watsonia (Thunb.) Pax (43)

G. gawleri (Baker) Klatt (43)

G. praecox Andrews (43)

G. watsonius Thunb. var. *maculosus* M.P.de Vos & Goldblatt (43)

Homoglossum acuminatum (N.E.Br.) N.E.Br. (43)

Homoglossum flexicaule N.E.Br. (43)

Homoglossum gawleri (Baker) N.E.Br. (43)

Homoglossum praecox (Andrews) Salisb. (43)
Homoglossum revolutum in sense of Baker var. *gawleri* Baker, misapplied name (43)
Homoglossum watsonium (Thunb.) N.E.Br. (36)
Watsonia praecox (Andrews) Pers. (43)
Watsonia revoluta Pers. (43)
 Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt 61–610 m.
 WC

watsonius Thunb. var. *maculosus* M.P.de Vos & Goldblatt
 = **G. watsonius**

wilsonii (Baker) Goldblatt & J.C.Manning
G. frederickii L.Bolus (43)
G. permeabilis D.Delaroche subsp. *wilsonii* (Baker) G.J.Lewis (43)
G. permeabilis D.Delaroche var. *wilsonii* in sense of G.J.Lewis *et al.* in part, misapplied name (43)
Tritonia wilsonii Baker (43)
 Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt? EC

woodii Baker
G. nudus N.E.Br. (43)
G. trichostachys Baker (43)
 Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 520–2103 m. G, M, S, FS, KZN

woodii in sense of G.J.Lewis *et al.* in part, misapplied name = **G. pardalinus**

GYNANDRIRIS Parl. 1265020

anomala Goldblatt = **Moraea contorta**
apetala (L.Bolus) R.C.Foster = **Moraea cooperi**
australis Goldblatt = **Moraea australis**
cladostachya (Baker) R.C.Foster = **Moraea simulans**
hesperantha Goldblatt = **Moraea hesperantha**
longiflora (Ker Gawl.) R.C.Foster = **Moraea longiflora**
pritzeliana (Diels) Goldblatt = **Moraea pritzeliana**
rogersii (Baker) R.C.Foster = **Moraea setifolia**
setifolia (L.f.) R.C.Foster = **Moraea setifolia**
simulans (Baker) R.C.Foster = **Moraea simulans**
spiralis (N.E.Br.) R.C.Foster = **Moraea herrei**
stenocarpa (Schltr.) R.C.Foster = **Moraea cooperi**
torta (L.Bolus) R.C.Foster = **Moraea pritzeliana**

HEBEA L.Bolus 1312011
dodii G.J.Lewis = **Tritoniopsis dodii**

HELIXYRA Salisb. 1265021
flava Salisb. = **Moraea longiflora**
longiflora (Ker Gawl.) N.E.Br. = **Moraea longiflora**
simulans (Baker) N.E.Br. = **Moraea simulans**

HESPERANTHA Ker Gawl. 1301000

- (1) Baker. 1877. *Journal of the Linnean Society, Botany* 16: 61–180.
- (2) Baker. 1892. *Handbook of the Irideae*: 147–152.
- (3) Lewis. 1938. *The Flowering Plants of South Africa* 18: t. 682.
- (4) Foster. 1948. *Contributions from the Gray Herbarium of Harvard University* 166: 3–27.
- (5) Goldblatt & Barnard. 1970. *Journal of South African Botany* 36: 291–318.
- (6) Hilliard & Burt. 1979. *Notes from the Royal Botanic Garden Edinburgh* 37: 284–325.
- (7) Obermeyer. 1979. *The Flowering Plants of Africa* 46: t. 1810.
- (8) Hilliard & Burt. 1982. *Notes from the Royal Botanic Garden Edinburgh* 40: 247–298.
- (9) Goldblatt. 1984. *Journal of South African Botany* 50: 15–141.
- (10) Hilliard & Burt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 407–438.
- (11) Goldblatt. 1987. *South African Journal of Botany* 53: 459–463.
- (12) Goldblatt & Manning. 1996. *Novon* 6: 262–264.

acuta (Licht. ex Roem. & Schult.) Ker Gawl.
H. tugwellae R.C.Foster (9)
 Perennial. Herb, geophyte. Ht 0.07–0.2 m. Alt 155–750 m.
 NC, WC

alborosea Hilliard & B.L.Burt
 Perennial. Herb, geophyte. Ht 0.07–0.12 m. Alt? KZN
angusta Ker Gawl. = **H. bachmannii**

bachmannii Baker
H. angusta Ker Gawl. (9)
 Perennial. Herb, geophyte. Ht 0.4–0.45 m. Alt 60–1465 m.
 NC, WC, EC

baurii Baker subsp. **baurii**
H. subexerta Baker (10)
 Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 60–2865 m.
 M, S, FS, KZN, L, EC

baurii Baker subsp. **formosa** Hilliard & B.L.Burt
 Perennial. Herb, geophyte. Ht 0.1–0.18 m. Alt?–2850 m.
 FS, KZN, L

bracteolata R.C.Foster = **H. pilosa**

brevicaulis (Baker) G.J.Lewis
 Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt ± 1600 m.
 LIM, M

brevifolia Goldblatt
 Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt?–914 m. WC

buhrii L.Bolus = **H. cucullata**

bulbifera Baker
 Perennial. Herb, geophyte. Ht? Alt?–2200 m. LIM, NW,
 M, EC

candida Baker
 Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt?–2745 m.
 M, FS, KZN, L, EC

cedarmontana Goldblatt
 Perennial. Herb, geophyte. Ht 0.12–0.25 m. WC

ciliolata Goldblatt
 Perennial. Herb, geophyte. Ht 0.08–0.2 m. NC, WC

coccinea (Backh. & Harv.) Goldblatt & J.C.Manning
Schizostylis coccinea Backh. & Harv. (12)
Schizostylis pauciflora Klatt (12)
 Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 250–2745 m.
 LIM, G, M, S, FS, KZN, L, EC

crocopsis Hilliard & B.L.Burt
 Perennial. Herb, geophyte. Ht 0.03–0.06 m. Alt? L

cucullata Klatt
H. buhrii L.Bolus (7)
 Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt 145–1675 m.
 NC, WC

curvula Hilliard & B.L.Burt
 Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt 2000–2470 m.
 KZN

elsiae Goldblatt
 Perennial. Herb, geophyte. Ht 0.25–0.3 m. Alt? WC

erecta (Baker) Benth. ex Baker
 Perennial. Herb, geophyte. Ht 0.1–0.22 m. Alt? WC

falcata (L.f.) Ker Gawl.
H. linearis (Jacq.) Fourc. (9)
H. lutea Eckl. ex Baker (9)
H. pallida Eckl. (9)
H. pentheri Baker (9)
H. trifolia R.C.Foster (9)
 Perennial. Herb, geophyte. Ht 0.08–0.25 m. Alt 5–900 m.
 WC, EC

- fibrosa** Baker
Perennial. Herb, geophyte. Ht 0.08–0.17 m. Alt ?–45 m.
WC
- flava** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.05–0.08 m. Alt? NC, WC
- flexuosa** Klatt
Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt? NC
- glareosa** Hilliard & B.L.Burt
Perennial. Herb, geophyte. Ht 0.05–0.15 m. Alt ?–3200 m.
FS, KZN, L
- gracilis** Baker
Perennial. Herb, geophyte. Ht 0.3–0.45 m. Alt? KZN
- graminifolia** Sweet. = **H. spicata** subsp. **graminifolia**
- grandiflora** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt ?–2940 m.
FS, KZN, L, EC
- hantamensis** Schltr. ex R.C.Foster
Perennial. Herb, geophyte. Ht up to 0.05 m. Alt? NC
- humilis** Baker
Perennial. Herb, geophyte. Ht 0.03–0.08 m. Alt 915–1450
m. NC, WC
- hutchingsiae** Hilliard & B.L.Burt
Perennial. Herb, geophyte. Ht ± 0.3 m. Alt? EC
- huttonii** (Baker) Hilliard & B.L.Burt
Perennial. Herb, geophyte. Ht 0.25–0.6 m. Alt 900–1300
m. EC
- hygrophila** Hilliard & B.L.Burt
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt ?–2670 m.
KZN, L
- inflexa* in sense of R.C.Foster = **H. vaginata**
- ingeliensis** Hilliard & B.L.Burt
Perennial. Herb, geophyte. Ht 0.12–0.18 m. Alt? KZN, EC
- juncifolia** Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt? WC
- karooica** Goldblatt
Perennial. Herb, geophyte. Ht 0.03–0.05 m. Alt? WC
- lactea** Baker
Perennial. Herb, geophyte. Ht 0.46–0.5 m. Alt 5–600 m.
KZN, EC
- latifolia** (Klatt) M.P.de Vos
H. pearsonii R.C.Foster (9)
Perennial. Herb, geophyte. Ht 0.04–0.18 m. Alt? NC
- linearis* (Jacq.) Fourc. = **H. falcata**
- longicollis** Baker
H. sabiensis N.E.Br. ex R.C.Foster (7)
H. widmeri P.Beauv. (7)
Perennial. Herb, geophyte. Ht 0.25–0.3 m. Alt ?–1525 m.
B, G, M, S
- longituba** (Klatt) Baker
Perennial. Herb, geophyte. Ht 0.1–0.22 m. Alt 155–2440
m. FS, L, EC
- lutea* Eckl. ex Baker = **H. falcata**
- luticola** Goldblatt
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt ?–1585 m.
NC
- marlothii** R.C.Foster
Perennial. Herb, geophyte. Ht 0.04–0.25 m. Alt 795–1430
m. NC, WC
- minima** (Baker) R.C.Foster
Perennial. Herb, geophyte. Ht ± 0.04 m. Alt ± 1200 m.
NC
- modesta** Baker
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt? KZN,
EC
- montigena** Goldblatt
Perennial. Herb, geophyte. Ht 0.05–0.25 m. Alt 1200–2000
m. WC
- muirii** (L.Bolus) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 90–200 m.
WC
- namaquana** Goldblatt
Perennial. Herb, geophyte. Ht 0.08–0.12 m. Alt? WC
- oligantha** (Diels) Goldblatt
Perennial. Herb, geophyte. Ht 0.06–0.08 m. Alt ± 1300 m.
NC
- pallescens** Goldblatt
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt? WC
- pallida* Eckl. = **H. falcata**
- pauciflora** (Baker) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.4–0.25 m. Alt 640–1065 m.
NC
- pearsonii* R.C.Foster = **H. latifolia**
- pentheri* Baker = **H. falcata**
- pilosa** (L.f.) Ker Gawl.
H. bracteolata R.C.Foster (9)
H. puberula R.C.Foster (9)
Perennial. Herb, geophyte. Ht 0.05–0.3 m. Alt 25–1700 m.
NC, WC
- pilosa* (L.f.) Ker Gawl. subsp. *latifolia* Goldblatt = **H. pseudo-
pilosa**
- pseudopilosa** Goldblatt
H. pilosa (L.f.) Ker Gawl. subsp. *latifolia* Goldblatt (11)
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt ?–1280 m.
NC, WC
- puberula* R.C.Foster = **H. pilosa**
- pubinervia** Hilliard & B.L.Burt
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt ± 2000
m. FS, KZN
- pulchra** Baker
Perennial. Herb, geophyte. Ht 0.4–0.8 m. Alt 305–1525 m.
KZN, EC
- purpurea** Goldblatt
Perennial. Herb, geophyte. Ht 0.08–0.25 m. Alt? NC
- quadrangula** Goldblatt
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt? NC
- radiata** (Jacq.) Ker Gawl.
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 20–2990 m.
M, S, FS, KZN, L, NC, WC, EC
- rivulicola** Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 820–1130 m.
NC
- rupestris** N.E.Br. ex R.C.Foster
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt 1800–2000 m.
M
- sabiensis* N.E.Br. ex R.C.Foster = **H. longicollis**
- saldanhae** Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt? WC

- schelpeana** Hilliard & B.L.Burt
Perennial. Herb, geophyte. Ht up to 0.1 m. Alt ?–3355 m.
KZN, L
- schlechteri** (Baker) R.C.Foster
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt ± 2050 m.
LIM, M
- scopulosa** Hilliard & B.L.Burt
Perennial. Herb, geophyte. Ht 0.05–0.2 m. Alt 1800–2650 m.
FS, KZN, L
- similis** N.E.Br. ex R.C.Foster
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 1800–2010
m. M
- spicata** (Burm.f.) N.E.Br. subsp. **fistulosa** (Baker) Goldblatt
Perennial. Herb, geophyte. Ht 0.12–0.2 m. Alt? WC
- spicata** (Burm.f.) N.E.Br. subsp. **graminifolia** (Sweet)
Goldblatt
H. graminifolia Sweet (9)
Perennial. Herb, geophyte. Ht 0.15–0.5 m. Alt? WC
- spicata** (Burm.f.) N.E.Br. subsp. **spicata**
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt 120–305 m.
WC
- subexerta** Baker = **H. baurii** subsp. **baurii**
- teretifolia** Goldblatt
Perennial. Herb, geophyte. Ht 0.25–0.6 m. Alt? NC
- trifolia** R.C.Foster = **H. falcata**
- truncatula** Goldblatt
Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt? WC
- tugwellae** R.C.Foster = **H. acuta**
- tysonii** Baker = **H. radiata**
- umbricola** Goldblatt
Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt? S
- vaginata** (Sweet) Goldblatt
H. inflexa in sense of R.C.Foster (5)
Perennial. Herb, geophyte. Ht 0.1–0.18 m. Alt 700–820 m.
NC
- vernalis** Hilliard & B.L.Burt
Perennial. Herb, geophyte. Ht 0.04–0.1 m. Alt 1800–2700
m. M, FS, KZN, L, EC
- widmeri** P.Beauv. = **H. longicollis**
- woodii** Baker
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 1600–2200
m. KZN, L, EC
- HEXAGLOTTIS** Vent. 1273000
- brevituba** Goldblatt = **Moraea brevituba**
- flexuosa** (L.f.) Sweet = **Moraea lewisiae**
- lewisiae** Goldblatt = **Moraea lewisiae**
- lewisiae** Goldblatt subsp. **secunda** Goldblatt = **Moraea lewisiae**
- longifolia** (Jacq.) Salisb. = **Moraea longifolia**
- longifolia** (Jacq.) Vent. var. **angustifolia** G.J.Lewis = **Moraea longifolia**
- namaquana** Goldblatt = **Moraea namaquana**
- nana** L.Bolus = **Moraea nana**
- riparia** Goldblatt = **Moraea riparia**
- virgata** (Jacq.) Sweet subsp. **karooica** Goldblatt = **Moraea virgata**
- virgata** (Jacq.) Sweet subsp. **virgata** = **Moraea virgata**
- virgata** (Jacq.) Sweet var. **lata** G.J.Lewis = **Moraea virgata**
- HOMERIA** Vent. 1277000
- albida** L.Bolus = **Moraea miniata**
- autumnalis** Goldblatt = **Moraea autumnalis**
- bicolor** (Baker) Klatt = **Moraea flaccida**
- bifida** L.Bolus = **Moraea bifida**
- bolusiae** Goldblatt = **Moraea louisabolusiae**
- brachygyne** Schltr. = **Moraea brachygyne**
- britteniae** L.Bolus = **Moraea britteniae**
- bulbillifera** G.J.Lewis = **Moraea bulbillifera**
- bulbillifera** G.J.Lewis subsp. **anomala** Goldblatt = **Moraea bulbillifera**
- cedarmontana** Goldblatt = **Moraea cedarmonticola**
- collina** (Thunb.) Salisb. = **Moraea collina**
- comptonii** L.Bolus = **Moraea comptonii**
- cookii** L.Bolus = **Moraea cookii**
- elegans** (Jacq.) Sweet = **Moraea elegans**
- fenestrata** Goldblatt = **Moraea fenestrata**
- flaccida** Sweet = **Moraea flaccida**
- flavescens** Goldblatt = **Moraea flavescens**
- framesii** L.Bolus = **Moraea minor**
- fuscomontana** Goldblatt = **Moraea fuscomontana**
- galpinii** L.Bolus = **Moraea pyrophila**
- glauca** J.M.Wood & M.S.Evans = **Moraea pallida**
- hantamensis** Goldblatt & J.C.Manning = **Moraea reflexa**
- herrei** L.Bolus = **Moraea herrei**
- humilis** N.E.Br. = **Moraea pallida**
- lilacina** L.Bolus = **Moraea polyanthos**
- lineata** Sweet = **Moraea miniata**
- longistyla** Goldblatt = **Moraea longistyla**
- lucasii** L.Bolus = **Moraea ochroleuca**
- marlothii** L.Bolus = **Moraea marlothii**
- maximiliani** Schltr. = **Moraea maximiliani**
- metelkampiae** L.Bolus = **Moraea elegans**
- miniata** (Andrews) Sweet = **Moraea miniata**
- minor** (Eckl.) Goldblatt = **Moraea minor**
- mossii** N.E.Br. = **Moraea pallida**
- ochroleuca** Salisb. = **Moraea ochroleuca**
- odorata** L.Bolus = **Moraea fragrans**
- pallida** Baker = **Moraea pallida**
- papillosa** L.Bolus = **Moraea brachygyne**
- patens** Goldblatt = **Moraea patens**
- pendula** Goldblatt = **Moraea pendula**
- pillansii** L.Bolus = **Moraea cookii**
- pura** N.E.Br. = **Moraea pallida**
- radians** (Goldblatt) Goldblatt = **Moraea radians**
- ramosissima** Schltr. = **Moraea knersvlaktensis**
- rhopalocarpa** Schltr. = **Moraea minor**
- rogersii** L.Bolus = **Moraea crispa**

salmonea L.Bolus = **Moraea bifida**
schlechteri L.Bolus = **Moraea schlechteri**
serratostyla Goldblatt = **Moraea serratostyla**
simulans Baker = **Moraea elisiae**
speciosa L.Bolus = **Moraea speciosa**
spiralis L.Bolus = **Moraea aspera**
tenuis Schltr. = **Moraea demissa**
townsendiae N.E.Br. = **Moraea pallida**
tricolor G.J.Lewis = **Moraea karroica**
umbellata (Thunb.) G.J.Lewis = **Moraea umbellata**
vallisbelli Goldblatt = **Moraea vallisbelli**

HOMOGLOSSUM Salisb. 1311010

abbreviatum (Andrews) Goldblatt = **Gladiolus abbreviatus**
acuminatum (N.E.Br.) N.E.Br. = **Gladiolus watsonius**
aureum (Baker) Oberm. = **Gladiolus aureus**
caryophyllaceum (Burm.f.) N.E.Br. = **Gladiolus caryophyllaceus**
flexicaule N.E.Br. = **Gladiolus watsonius**
fourcadei (L.Bolus) N.E.Br. = **Gladiolus fourcadei**
gawleri (Baker) N.E.Br. = **Gladiolus watsonius**
guthriei (L.Bolus) L.Bolus = **Gladiolus overbergensis**
hollandii L.Bolus var. *hollandii* = **Gladiolus huttonii**
hollandii L.Bolus var. *zitzikammense* L.Bolus = **Gladiolus huttonii**
huttonii N.E.Br. = **Gladiolus huttonii**
merianellum (Thunb.) Baker var. *aureum* G.J.Lewis = **Gladiolus bonaspei**
merianellum (Thunb.) Baker var. *merianellum* = **Gladiolus bonaspei**
muirii (L.Bolus) N.E.Br. = **Gladiolus teretifolius**
praecox (Andrews) Salisb. = **Gladiolus watsonius**
priorii (N.E.Br.) N.E.Br. = **Gladiolus priorii**
quadrangulare (Burm.f.) N.E.Br. = **Gladiolus quadrangularis**
revolutum in sense of Baker var. *gawleri* Baker, misapplied name = **Gladiolus watsonius**
vandermerwei (L.Bolus) L.Bolus = **Gladiolus vandermerwei**
watsonium (Thunb.) N.E.Br. = **Gladiolus watsonius**

IRIS L. 1264000

angusta Thunb. = **Moraea angusta**
bituminosa L.f. = **Moraea bituminosa**
ciliata L.f. = **Moraea ciliata**
crispa L.f. = **Moraea gawleri**
edulis L.f. = **Moraea fugax** subsp. **fugax**
fugax Pers., illegitimate name = **Moraea tricolor**
hirsuta Licht. ex Roem. & Schult. = **Moraea papilionacea**
longifolia Schneev. = **Moraea fugax** subsp. **fugax**
mutila Licht. ex Roem. & Schult. = **Moraea tripetala**
papilionacea L.f. = **Moraea papilionacea**
plumaria Thunb., illegitimate name = **Moraea lugubris**

polystachya Thunb. = **Moraea polystachya**
ramosa Thunb., illegitimate name = **Moraea ramosissima**
ramosissima L.f. = **Moraea ramosissima**
tripetala L.f. = **Moraea tripetala**
tristis L.f. = **Moraea vegeta**
viscaria L.f. = **Moraea viscaria**

IXIA L. 1302000

- (1) Phillips. 1928. *The Flowering Plants of South Africa* 8: t. 317.
- (2) Phillips. 1929. *The Flowering Plants of South Africa* 9: tt. 329, 349.
- (3) Lewis. 1934. *The Flowering Plants of South Africa* 14: t. 543.
- (4) Lewis. 1945. *The Flowering Plants of Africa* 25: tt. 968, 969.
- (5) Lewis. 1962. *Journal of South African Botany* 28: 45–195.
- (6) Goldblatt. 1971. *Journal of South African Botany* 37: 317–460.
- (7) Nordenstam. 1972. *Journal of South African Botany* 38: 277–298.
- (8) Goldblatt. 1979. *Journal of South African Botany* 45: 81–89.
- (9) Goldblatt & Snijman. 1985. *South African Journal of Botany* 51: 66–70.
- (10) De Vos. 1988. *South African Journal of Botany* 54: 596–602.
- (11) Goldblatt & Manning. 1993. *Novon* 3: 148–153.
- (12) De Vos. 1999. In De Vos & Goldblatt, *FSA* 7,2, Fasc. 1: 3–87.
- (13) Goldblatt & Manning. 1999. *Bothalia* 29: 59–63.
- (14) Manning & Goldblatt. 2001. *Bothalia* 31: 189–212.

acaulis Goldblatt & J.C.Manning
 Perennial. Herb, geophyte. Ht 0.02–0.03 m. Alt? WC

anemonaeflora Jacq. = **I. campanulata**

aristata Thunb. var. **atropurpurea** Andrews = **Sparaxis grandiflora** subsp. **grandiflora**

atrandra Goldblatt & J.C.Manning
 Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt? WC

aurea J.C.Manning & Goldblatt
 Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt? WC

bellendenii R.C.Foster = **I. longituba** var. **bellendenii**

brevituba G.J.Lewis
 Perennial. Herb, geophyte. Ht 0.35–0.5 m. Alt? NC

brunneobracteata G.J.Lewis
 Perennial. Herb, geophyte. Ht 0.25–0.45 m. Alt 600–900 m. NC

bulbifera L. = **Sparaxis bulbifera**

campanulata Houtt.
I. anemonaeflora Jacq. (12)
 Perennial. Herb, geophyte. Ht 0.1–0.35 m. Alt ?–610 m. WC

capillaris L.f.
I. capillaris L.f. var. *gracillima* Ker Gawl. (12)
I. gracilis Salisb. (12)
I. tenella Klatt (12)
 Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt? NC, WC

capillaris L.f. var. *gracillima* Ker Gawl. = **I. capillaris**

cochlearis G.J.Lewis
 Perennial. Herb, geophyte. Ht 0.15–0.45 m. Alt? WC

collina Goldblatt & Snijman
 Perennial. Herb, geophyte. Ht 0.5–0.9 m. Alt? WC

conferta R.C.Foster var. **conferta** = **I. lutea** var. **ovata**
conferta R.C.Foster var. **ochroleuca** (Ker Gawl.) G.J.Lewis = **I. lutea** var. **lutea**

crispa in sense of G.J.Lewis, not of L.f., misapplied name = **I. erubescens**

crocata L. = **Tritonia crocata**

crocata L. var. **a** Thunb. = **Tritonia deusta** subsp. **deusta**
crocata L. var. **nigromaculata** Andrews = **Tritonia deusta** subsp. **deusta**

- curta** Andrews
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 100–305 m.
WC
- curvata** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 850–1035 m. NC
- deusta** Aiton = **Tritonia deusta** subsp. **deusta**
- dubia** Vent.
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt 30–245 m.
WC
- erubescens** Goldblatt
I. crispa in sense of G.J.Lewis, not of L.f., misapplied name (6)
Perennial. Herb, geophyte. Ht? Alt ?–335 m. WC
- esterhuyseniae** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt? WC
- fenestrata** Jacq. = **Tritonia crocata**
- fimbriata** Lam. = **Sparaxis grandiflora** subsp. **fimbriata**
- flexuosa** L.
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 9–985 m. WC
- fragrans** Jacq. = **Sparaxis fragrans**
- frederickii** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.2–0.35 m. Alt? WC
- fucata** Ker Gawl. var. **filifolia** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt ?–1065 m.
WC
- fucata** Ker Gawl. var. **fucata**
Perennial. Herb, geophyte. Ht 0.1.5–0.4 m. Alt? WC
- fugacissima** L.f. = **Moraea fugacissima**
- galaxia** L.f. = **Moraea galaxia**
- gibba** Salisb., superfluous name = **Tritonia deusta** subsp. **deusta**
- gloriosa** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.35–0.65 m. Alt? WC
- gracilis** Salisb. = **I. capillaris**
- grandiflora** D.Delaroche = **Sparaxis grandiflora** subsp. **grandiflora**
- holosericea** Jacq. = **Sparaxis grandiflora** subsp. **grandiflora**
- hyalina** in sense of DC. = **Tritonia squalida**
- hyalina** L.f. = **Tritonia crocata**
- iridifolia** D.Delaroche = **Tritonia crocata**
- latifolia** D.Delaroche var. **angustifolia** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt ?–1200 m.
WC
- latifolia** D.Delaroche var. **curviramosa** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–1220 m.
WC
- latifolia** D.Delaroche var. **latifolia**
Perennial. Herb, geophyte. Ht 0.1–0.35 m. Alt 520–1200 m.
NC, WC
- latifolia** D.Delaroche var. **parviflora** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt? WC
- latifolia** D.Delaroche var. **ramulosa** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt ?–795 m.
NC, WC
- leipoldtii** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.12–0.25 m. Alt? WC
- liliago** DC. = **Sparaxis grandiflora** subsp. **fimbriata**
- linearis** L.f. = **Gladiolus quadrangulus**
- longifolia** Jacq. = **Moraea longifolia**
- longituba** N.E.Br. var. **bellendenii** (R.C.Foster) M.P.de Vos
I. bellendenii R.C.Foster (12)
Perennial. Herb, geophyte. Ht 0.35–0.5 m. Alt 155–380 m.
WC
- longituba** N.E.Br. var. **longituba**
Perennial. Herb, geophyte. Ht 0.35–0.6 m. Alt 155–380 m.
WC
- lutea** Eckl. var. **lutea**
I. conferta R.C.Foster var. *ochroleuca* (Ker Gawl.) G.J.Lewis (7)
Perennial. Herb, geophyte. Ht 0.15–4 m. Alt 61–155 m.
WC
- lutea** Eckl. var. **ovata** (Andrews) B.Nord.
I. conferta R.C.Foster var. *conferta* (7)
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt? WC
- maculata** L. var. **fuscocitrina** (Desf. ex DC.) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt? WC
- maculata** L. var. **intermedia** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–180 m. WC
- maculata** L. var. **maculata**
Perennial. Herb, geophyte. Ht 0.15–0.23 m. Alt 120–610 m.
WC
- marginifolia** (Salisb.) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 1600–2000 m.
WC
- metelerkampiae** L.Bolus
Perennial. Herb, geophyte. Ht 0.35–0.7 m. Alt 335–765 m.
WC
- micrandra** Baker var. **confusa** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt 155–1770 m.
WC
- micrandra** Baker var. **micrandra**
Perennial. Herb, geophyte. Ht 0.4–0.45 m. Alt 75–1370 m.
WC
- micrandra** Baker var. **minor** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 155–700 m.
WC
- miniata** DC. var. **nigromaculata** DC. = **Tritonia deusta** subsp. **deusta**
- miniata** Jacq. = **Tritonia deusta** subsp. **miniata**
- monadelpha** D.Delaroche
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt? WC
- monanthos** D.Delaroche = **Sparaxis grandiflora** subsp. **acutiloba**
- mostertii** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.35–0.45 m. Alt? WC
- odorata** Ker Gawl. var. **hesperanthoides** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.6 m. Alt ?–155 m. WC
- odorata** Ker Gawl. var. **odorata**
Perennial. Herb, geophyte. Ht 0.17–0.43 m. Alt 15–610 m.
WC
- orientalis** L.Bolus
Perennial. Herb, geophyte. Ht 0.2–0.6 m. Alt 15–1445 m.
WC, EC
- paniculata** D.Delaroche
Perennial. Herb, geophyte. Ht 0.4–0.9 m. Alt 5–780 m.
NC, WC

- patens** Aiton var. **linearifolia** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt? WC
- patens** Aiton var. **patens**
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt ?–155 m. WC
- pauciflora** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–765 m. WC
- paucifolia** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.12–0.5 m. Alt 365–1675 m.
WC
- planifolia** Mill. ex Roem. & Schult. = **Tritonia crocata**
- polystachya** L. var. **crassifolia** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.25–55 m. Alt? WC
- polystachya** L. var. **longistylis** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.25–55 m. Alt? WC
- polystachya** L. var. **lutea** (Ker Gawl.) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.25–65 m. Alt ?–670 m.
WC
- polystachya** L. var. **polystachya**
Perennial. Herb, geophyte. Ht 0.4–0.9 m. Alt 30–855 m.
WC
- pumilio** Goldblatt & Snijman
Perennial. Herb, geophyte. Ht 0.12–0.2 m. Alt? WC
- purpureorosea** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.6 m. Alt? WC
- quadrangula** D.Delaroche = **Gladiolus quadrangulus**
- rapunculoides** Delile var. **flaccida** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 155–1020 m.
NC, WC
- rapunculoides** Delile var. **namaquana** (L.Bolus) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 625–1500 m.
NC, WC
- rapunculoides** Delile var. **rapunculoides**
Perennial. Herb, geophyte. Ht ± 0.4 m. Alt 750–2135 m.
NC, WC
- rapunculoides** Delile var. **rigida** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt 819–850 m.
WC
- rapunculoides** Delile var. **robusta** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.4–0.9 m. Alt ?–1310 m.
NC
- rapunculoides** Delile var. **subpendula** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.4–0.8 m. Alt 480–1220 m.
NC, WC
- rouxii** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.35–0.5 m. Alt? WC
- scillaris** L. var. **scillaris**
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt 30–610 m.
NC, WC
- scillaris** L. var. **subundulata** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt ?–245 m.
NC, WC
- sordida** Hornem. = **Sparaxis fragrans**
- splendida** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt? WC
- squalida** Aiton var. **patula** Aiton = **Tritonia squalida**
- stohriae** L.Bolus
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 305–765 m.
WC
- stolonifera** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt? WC
- stricta** (Eckl. ex Klatt) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt 430–610 m.
WC
- tenella** Klatt = **I. capillaris**
- thomasiae** Goldblatt
Perennial. Herb, geophyte. Ht 0.6–0.8 m. Alt ?–1200 m.
NC
- tricolor** Schneev. = **Sparaxis tricolor**
- trifolia** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt ?–1615 m.
NC
- trinervata** (Baker) G.J.Lewis
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt? WC
- uniflora** L. = **Sparaxis grandiflora** subsp. **grandiflora**
- vanzijliae** L.Bolus
Perennial. Herb, geophyte. Ht 0.18–0.4 m. Alt? WC
- versicolor** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt? WC
- vinacea** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.4–0.45 m. Alt? WC
- viridiflora** Lam. var. **minor** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt? WC
- viridiflora** Lam. var. **viridiflora**
Perennial. Herb, geophyte. Ht 0.5–1 m. Alt ?–610 m. WC
- KENTROSIPHON** N.E.Br. 1311050
- duftii** (Schinz) N.E.Br. = **Gladiolus saccatus**
- gracilis** N.E.Br. = **Gladiolus saccatus**
- propinquus** N.E.Br. = **Gladiolus saccatus**
- saccatus** (Klatt) N.E.Br. = **Gladiolus saccatus**
- saccatus** (Klatt) N.E.Br. subsp. **steingroeveri** (Pax) Oberm.
= **Gladiolus saccatus**
- steingroeveri** (Pax) N.E.Br. = **Gladiolus saccatus**
- KLATTIA** Baker 1298000
- (1) Baker. 1896. *FC* 6: 7–171.
(2) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 80.
(3) Goldblatt. 1993. *The woody Iridaceae*: 1–139.
- flava** (G.J.Lewis) Goldblatt
K. partita Baker var. *flava* G.J.Lewis (3)
Perennial. Shrub. Ht 0.9–1.3 m. Alt 800–1200 m. WC
- partita** Baker
Perennial. Shrub. Ht 0.75–1 m. Alt 960–1280 m. WC
- partita** Baker var. *flava* G.J.Lewis = **K. flava**
- stokoei** L.Guthrie
Perennial. Shrub. Ht 0.4–1 m. Alt 450–1700 m. WC
- LAPEIROUSIA** Pourr. 1314000
- (1) Baker. 1896. *FC* 6: 7–171.
(2) Phillips. 1926. *The Flowering Plants of South Africa* 6: t. 239.
(3) Van Druten. 1956. *The Flowering Plants of Africa* 31: t. 1226.
(4) Goldblatt. 1971. *Journal of South African Botany* 37: 229–236.
(5) Goldblatt. 1972. *Contributions from the Bolus Herbarium* 4: 1–111.
(6) Goldblatt. 1973. *The Flowering Plants of Africa* 42: t. 1670.
(7) Goldblatt. 1990. *Annals of the Missouri Botanical Garden* 77: 430–484.
(8) Goldblatt & Manning. 1992. *South African Journal of Botany* 58: 326–336.
(9) Goldblatt & Manning. 1994. *Novon* 4: 339–346.

anceps (L.f.) Ker Gawl.

Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 3–765 m.
NC, WC

arenicola Schltr.

Perennial. Herb, geophyte. Ht 0.8–0.12 m. Alt 180–250 m.
NC, WC

avasmontana Dinter

Perennial. Herb, geophyte. Ht 0.2–0.25 m. Alt? N

azurea (Eckl. ex Baker) Goldblatt

L. corymbosa (L.) Ker Gawl. subsp. *fastigiata* (Lam.) Goldblatt in part (8)
Perennial. Herb, geophyte. Ht 0.06–0.12 m. Alt 40–155 m.
WC

bainesii Baker

Perennial. Herb, geophyte. Ht 0.3–0.45 m. Alt 610–1341 m.
N, B, LIM

barklyi Baker

Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt 70–1062 m.
N, NC

caespitosa Licht. ex Roem. & Schult. = **L. plicata** subsp. **plicata**

caudata Schinz subsp. *burchellii* (Baker) Marais & Goldblatt = **L. littoralis** subsp. **littoralis**

caudata Schinz subsp. *caudata* = **L. littoralis** subsp. **caudata**

coerulea Schinz

Perennial. Herb, geophyte. Ht 0.2–0.36 m. Alt ?–1800 m.
N, B

corymbosa (L.) Ker Gawl.

Perennial. Herb, geophyte. Ht 0.06–0.15 m. Alt 30–368 m.
WC

corymbosa (L.) Ker Gawl. subsp. *alta* Goldblatt = **L. neglecta**

corymbosa (L.) Ker Gawl. subsp. *fastigiata* (Lam.) Goldblatt in part = **L. azurea**

corymbosa (L.) Ker Gawl. subsp. *fastigiata* (Lam.) Goldblatt in part = **L. fastigiata**

cruenta (Lindl.) Baker = **Freesia laxa** subsp. **laxa**

cyanescens Baker = **L. schimperi**

divaricata Baker

Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 305–885 m.
NC, WC

divaricata Baker var. *spinosa* Goldblatt = **L. spinosa**

divaricata Baker var. *tenuis* Goldblatt = **L. tenuis**

dolomitica Dinter subsp. **dolomitica**

Perennial. Herb, geophyte. Ht 0.08–0.12 m. Alt 70–780 m.
NC

dolomitica Dinter subsp. **lewisiana** (B.Nord.) Goldblatt

Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt? NC, WC

erythrantha (Klotzsch ex Klatt) Baker

Perennial. Herb, geophyte. Ht 0.2–0.35 m. Alt? B

exilis Goldblatt

Perennial. Herb, geophyte. Ht ± 0.03 m. Alt? NC

fabricii (D.Delaroche) Ker Gawl.

Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 60–1035 m.
NC, WC

falcata (L.f.) Ker Gawl.

Perennial. Herb, geophyte. Ht 0.05–0.15 m. Alt 300–1200 m.
WC

fastigiata (Lam.) Ker Gawl.

L. corymbosa (L.) Ker Gawl. subsp. *fastigiata* (Lam.) Goldblatt in part (8)

Perennial. Herb, geophyte. Ht 0.06–0.09 m. Alt 155–305 m.
WC

fissifolia (Jacq.) Ker Gawl. = **L. pyramidalis** subsp. **pyramidalis**

fistulosa (Spreng. ex Klatt) Baker = **Xenoscapa fistulosa gracilis** Vaupel

Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt ?–200 m. N

grandiflora (Baker) Baker = **Freesia grandiflora**

heterophylla (Willd.) R.C.Foster = **L. plicata** subsp. **plicata**

jacquinii N.E.Br.

Perennial. Herb, geophyte. Ht 0.08–0.12 m. Alt 30–765 m.
NC, WC

laxa (Thunb.) N.E.Br. = **Freesia laxa** subsp. **laxa**

littoralis Baker subsp. **caudata** (Schinz) Goldblatt

L. caudata Schinz subsp. *caudata* (7)

Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt 945–1100 m.
N, B, LIM, NW

littoralis Baker subsp. **littoralis**

L. caudata Schinz subsp. *burchellii* (Baker) Marais & Goldblatt (7)

L. ramosissima Dinter (7)

Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt 50–700 m.
N, NC

macrospatha Baker

Perennial. Geophyte. Ht 0.07–0.15 m. Alt? NC

masukuensis Vaupel & Schltr.

Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 400–915 m.
M

micrantha (E.Mey. ex Klatt) Baker

Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 100–1065 m.
WC

montana Klatt

Perennial. Herb, geophyte. Ht ± 0.05 m. Alt 700–1370 m.
NC

neglecta Goldblatt

L. corymbosa (L.) Ker Gawl. subsp. *alta* Goldblatt (8)

Perennial. Herb, geophyte. Ht 0.3–0.8 m. Alt ± 990 m.
WC

odoratissima Baker

Perennial. Herb, geophyte. Ht 0.12–0.2 m. Alt? N

oreogena Schltr. ex Goldblatt

Perennial. Herb, geophyte. Ht 0.04–0.06 m. Alt 700–820 m.
NC

otaviensis R.C.Foster

Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt ?–1800 m. N

plicata (Jacq.) Diels subsp. **effurcata** (G.J.Lewis) Goldblatt

Perennial. Herb, geophyte. Ht ± 0.04 m. Alt? WC

plicata (Jacq.) Diels subsp. **longifolia** Goldblatt

Perennial. Herb, geophyte. Ht ± 0.06 m. Alt ?–1000 m. N,
NW, NC

plicata (Jacq.) Diels subsp. **plicata**

L. caespitosa Licht. ex Roem. & Schult. (5)

L. heterophylla (Willd.) R.C.Foster (5)

Perennial. Herb, geophyte. Ht 0.03–0.05 m. Alt 140–1700 m.
N, B, NW, FS, NC

pyramidalis (Lam.) Goldblatt subsp. **pyramidalis**

L. fissifolia (Jacq.) Ker Gawl. (5)

Perennial. Herb, geophyte. Ht 0.05–0.12 m. Alt 50–685 m.
NC, WC

pyramidalis (Lam.) Goldblatt subsp. **regalis** Goldblatt & J.C.Manning

Perennial. Geophyte. Ht 0.07–0.12 m. Alt ?–400 m. WC
ramosissima Dinter = **L. littoralis** subsp. **littoralis**

rivularis Wanntorp

Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt? N

sandersonii Baker

Perennial. Herb, geophyte. Ht 0.18–0.3 m. Alt 420–2135 m. B, NW, G, M

schimperi (Asch. & Klatt) Milne-Redh.

L. cyanescens Baker (7)

Perennial. Herb, geophyte. Ht 0.3–0.8 m. Alt? N, B

silenoides (Jacq.) Ker Gawl.

Perennial. Herb, geophyte. Ht 0.05–0.15 m. Alt 300–915 m. NC

simulans Goldblatt & J.C.Manning

Perennial. Geophyte. Ht 0.1–0.18 m. Alt? WC

spinosa (Goldblatt) Goldblatt & J.C.Manning

L. divaricata Baker var. *spinosa* Goldblatt (9)

Perennial. Geophyte. Ht 0.05–0.08 m. Alt? NC

tenuis (Goldblatt) Goldblatt & J.C.Manning

L. divaricata Baker var. *tenuis* Goldblatt (9)

Perennial. Geophyte. Ht 0.08–0.14 m. Alt 150–250 m. NC

verecunda Goldblatt

Perennial. Herb, geophyte. Ht 0.12–0.16 m. Alt? NC

violacea Goldblatt

Perennial. Herb, geophyte. Ht 0.08–0.1 m. Alt 230–640 m. NC, WC

viridis (Aiton) L.Bolus = **Freesia viridis****MELASPHAERULA** Ker Gawl. 1305000

(1) Baker. 1896. *FC* 6: 115.

(2) Adamson & Salter. 1950. *Flora of the Cape Peninsula*: 245.

graminea (L.f.) Ker Gawl. = **M. ramosa****ramosa** (L.) N.E.Br.

M. graminea (L.f.) Ker Gawl. (2)

Perennial. Herb, geophyte. Ht 0.4–0.83 m. Alt 5–1200 m. N, NC, WC

MICRANTHUS (Pers.) Eckl. 1313000

(1) Baker. 1896. *FC* 6: 97, 98.

(2) Rothmaler. 1941. *Feddes Repertorium* 50: 73.

alopecuroides (L.) Rothm.

M. plantagineus (Aiton) Eckl. (2)

Perennial. Herb, geophyte. Ht 0.18–0.4 m. Alt 15–550 m. WC

junceus (Baker) N.E.Br.

Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 90–1065 m. NC, WC

plantagineus (Aiton) Eckl. = **M. alopecuroides****tubulosus** (Burm.) N.E.Br.

Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 30–1065 m. WC

MONTBRETIA DC. 1306005*pottsii* Macnab ex Baker = **Crocsmia pottsii****MONTBRETIIOPSIS** L.Bolus 1306040*florentiae* (Marloth) L.Bolus = **Tritonia florentiae****MORAEA** Mill. 1265000

(1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 31.

(2) Stent. 1928. *The Flowering Plants of South Africa* 8: t. 301.

(3) Phillips. 1933. *The Flowering Plants of South Africa* 13: t. 502.

(4) Obermeyer. 1962. *The Flowering Plants of Africa* 35: t. 1385.

(5) Obermeyer. 1969. *The Flowering Plants of Africa* 39: t. 1526.

(6) Obermeyer. 1970. *The Flowering Plants of Africa* 40: t. 1597, 1581, 1582.

(7) Goldblatt. 1971. *The Flowering Plants of Africa* 41: t. 1639.

(8) Goldblatt. 1973. *Annals of the Missouri Botanical Garden* 60: 204–259.

(9) Goldblatt. 1976. *Annals of the Missouri Botanical Garden* 63: 309–313.

(10) Goldblatt. 1977. *The Flowering Plants of Africa* 44: t. 1724–1726.

(11) Goldblatt. 1977. *Annals of the Missouri Botanical Garden* 64: 243–295.

(12) Goldblatt. 1978. *The Flowering Plants of Africa* 44: t. 1747, 1748.

(13) Goldblatt. 1979. *Annals of the Missouri Botanical Garden* 66: 839–844.

(14) Goldblatt. 1980. *Botaniska Notiser* 133: 85–95, 239–260.

(15) Goldblatt. 1981. *Annals of the Missouri Botanical Garden* 68: 413–513.

(16) Goldblatt. 1982. *Annals of the Missouri Botanical Garden* 69: 351–369.

(17) Goldblatt. 1986. *Annals of Kirstenbosch Botanic Gardens* 14: 1–224.

(18) Goldblatt. 1986. *Annals of the Missouri Botanical Garden* 73: 102–116.

(19) Goldblatt. 1987. *Annals of the Missouri Botanical Garden* 74: 542–569.

(20) Goldblatt. 1992. *South African Journal of Botany* 58: 209–214.

(21) Goldblatt. 1993. *The Flowering Plants of Africa* 52: t. 2069.

(22) Goldblatt & Oliver. 1993. *Novon* 3: 404–407.

(23) Goldblatt & Manning. 1995. *Novon* 5: 262–269.

(24) Goldblatt. 1998. *Novon* 8: 371–377.

(25) Goldblatt & Manning. 2000. *Novon* 10: 14–21.

(26) Goldblatt & Manning. 2000. *Strelitzia* 9: 714.

(27) Goldblatt & Manning. 2002. *Novon* 12: 352–359.

(28) Goldblatt & Manning. 2003. *Novon*. In press.

albicuspis Goldblatt

Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt ?–3170 m. KZN, L, EC

albiflora (G.J.Lewis) Goldblatt

Galaxia albiflora G.J.Lewis (24)

Perennial. Herb, geophyte. Ht 0.02–0.03 m. Alt? WC

alگوensis Goldblatt

Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–670 m. WC, EC

alpina Goldblatt

Perennial. Herb, geophyte. Ht 0.07–0.12 m. Alt 2200–2500 m. FS, KZN, L

alticola Goldblatt

Perennial. Herb, geophyte. Ht 0.3–0.91 m. Alt ?–3050 m. FS, KZN, L, EC

amissa Goldblatt

Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt? WC

angulata Goldblatt

Galaxia alata Goldblatt (24)

Perennial. Herb, geophyte. Ht 0.02–0.04 m. Alt? WC

angusta (Thunb.) Ker Gawl.

Iris angusta Thunb. (17)

M. obtusa N.E.Br. (17)

Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 9–914 m. WC

anomala G.J.Lewis

Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 240–914 m. WC

apetala L.Bolus = **M. cooperi****ardesiaca** Goldblatt

Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt ?–2075 m. KZN

arenaria Baker = **M. serpentina****aristata** (D.Delaroche) Asch. & Graebn.

M. candida Baker (9)

Perennial. Herb, geophyte. Ht 0.25–0.35 m. Alt? WC

aspera Goldblatt

Homeria spiralis L.Bolus (24)

Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt? NC

atropunctata Goldblatt

Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt? WC

- australis** (Goldblatt) Goldblatt
Gynandriris australis Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.08–0.25 m. Alt? WC, EC
- autumnalis** (Goldblatt) Goldblatt
Homeria autumnalis Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt? WC
- balenii** Stent (identity unknown)
- barbigera** Salisb. = **M. tricolor**
- barkeræ** Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 600–1032 m.
WC
- barnardiella** Goldblatt
Galaxia barnardii Goldblatt (24)
Perennial. Herb, geophyte. Ht? Alt? WC
- barnardii** L.Bolus
Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt? WC
- bellendenii** (Sweet) N.E.Br.
Perennial. Herb, geophyte. Ht 0.5–1 m. Alt 15–600 m.
WC, EC
- bellendenii** (Sweet) N.E.Br. subsp. *cormifera* Goldblatt
= **M. tricuspida**
- bifida** (L.Bolus) Goldblatt
Homeria bifida L.Bolus (24)
Homeria salmonea L.Bolus (24)
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt? NC
- bipartita** L.Bolus
M. polyanthos of author, misapplied name (13)
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 90–800 m.
WC, EC
- bituminosa** (L.f.) Ker Gawl.
Iris bituminosa L.f. (17)
M. viscaria (L.f.) Ker Gawl. var. *bituminosa* (L.f.) Baker (17)
Vieusseuxia bituminosa (L.f.) Eckl. (17)
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 30–610 m.
WC
- bolusii** Baker
Perennial. Herb, geophyte. Ht 0.07–0.2 m. Alt ?–1005 m.
NC
- brachygyne** (Schltr.) Goldblatt
Homeria brachygyne Schltr. (24)
Homeria papillosa L.Bolus (24)
Perennial. Herb, geophyte. Ht 0.07–0.18 m. Alt? NC, WC
- brevistyla** (Goldblatt) Goldblatt
M. pubiflora N.E.Br. subsp. *brevistyla* Goldblatt (17)
Perennial. Herb, geophyte. Ht 0.45–0.8 m. Alt 600–2440 m.
M, FS, KZN, L
- brevituba** (Goldblatt) Goldblatt
Hexaglottis brevituba Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.35–0.5 m. Alt? N, NC
- britteniae** (L.Bolus) Goldblatt
Homeria britteniae L.Bolus (24)
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt? EC
- bubalina** Goldblatt
Perennial. Herb, geophyte. Ht 0.25–0.6 m. Alt? NC, WC
- bulbifera** Jacq. = **M. ramosissima**
- bulbillifera** (G.J.Lewis) Goldblatt
Homeria bulbillifera G.J.Lewis (24)
Homeria bulbillifera G.J.Lewis subsp. *anomala* Goldblatt (28)
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt? WC, EC
- caeca** Barnard ex Goldblatt
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–915 m. WC
- callicola** Goldblatt
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt? WC
- candida** Baker = **M. aristata**
- cantharophila** Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt? WC
- carnea** Goldblatt
Perennial. Herb, geophyte. Ht 0.35–0.8 m. Alt 2000–2590
m. FS, KZN
- carsonii** Baker
M. homblei De Wild. (17)
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt? N, B
- cedarmonticola** Goldblatt
Homeria cedarmontana Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.7–1 m. Alt? WC
- ciliata** (L.f.) Ker Gawl.
Iris ciliata L.f. (17)
M. hantamensis Klatt (17)
M. macrochlamys Baker (17)
Perennial. Herb, geophyte. Ht 0.05–0.2 m. Alt 5–1707 m.
NC, WC, EC
- ciliata** (L.f.) Ker Gawl. var. *barbigera* (Salisb.) Baker =
M. tricolor
- ciliata** (L.f.) Ker Gawl. var. *gracilis* Baker = **M. gracilentia**
- ciliata** (L.f.) Ker Gawl. var. *tricolor* (Andrews) Baker =
M. tricolor
- citrina** (G.J.Lewis) Goldblatt
Galaxia citrina G.J.Lewis (24)
Perennial. Herb, geophyte. Ht 0.03–0.06 m. Alt? NC, WC
- collina** Thunb.
Homeria collina (Thunb.) Salisb. (24)
Perennial. Herb, geophyte. Ht 0.18–0.35 m. Alt? WC
- comptonii** (L.Bolus) Goldblatt
Homeria comptonii L.Bolus (24)
Perennial. Herb, geophyte. Ht 0.18–0.35 m. Alt? WC
- contorta** Goldblatt
Gynandriris anomala Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? NC
- cookii** (L.Bolus) Goldblatt
Homeria cookii L.Bolus (24)
Homeria pillansii L.Bolus (24)
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt? L, NC, WC,
EC
- cooperi** Baker
Gynandriris apetala (L.Bolus) R.C.Foster (17)
Gynandriris stenocarpa (Schltr.) R.C.Foster (17)
M. apetala L.Bolus (17)
M. stenocarpa Schltr. (17)
Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt ?–550 m.
WC
- corniculata** Lam. = **M. fugax** subsp. **fugax**
- crispa** (L.f.) Ker Gawl., illegitimate name = **M. gawleri**
- crispa** (L.f.) Ker Gawl. var. *rectifolia* Baker = **M. gawleri**
- crispa** Thunb.
Homeria rogersii L.Bolus (16)
Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt 670–2000 m.
FS, NC, WC, EC
- culmea** Killick = **M. trifida**
- curtisae** R.C.Foster = **M. stricta**
- debilis** Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 210–1370 m.
WC

decussata Klatt = **M. gawleri**

deltoidea Goldblatt & J.C.Manning

Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt? WC

demissa Goldblatt

Homeria tenuis Schltr. (24)

Perennial. Herb, geophyte. Ht 0.07–0.2 m. Alt? WC

deserticola Goldblatt

Perennial. Herb, geophyte. Ht 0.3–0.45 m. Alt? WC

diphylla Baker = **M. fugax** subsp. **filicaulis**

dracomontana Goldblatt

Perennial. Herb, geophyte. Ht up to 0.25 m. Alt ?–2590 m.
KZN, L

duthieana L.Bolus = **M. tricolor**

edulis (L.f.) Ker Gawl. = **M. fugax** subsp. **fugax**

elegans Jacq.

Homeria elegans (Jacq.) Sweet (24)

Homeria metelerkampiae L.Bolus (24)

Perennial. Herb, geophyte. Ht 0.2–0.35 m. Alt? WC

elliottii Baker

M. juncifolia N.E.Br. (17)

M. macra Schltr. (17)

M. stewartae N.E.Br. (17)

M. violacea Baker (17)

Perennial. Herb, geophyte. Ht 0.12–0.55 m. Alt 5–2425 m.
LIM, M, S, FS, KZN, L, WC, EC

elsiae Goldblatt

Homeria simulans Baker (18)

Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–245 m. WC

erici-rosenii R.E.Fr. = **M. natalensis**

exiliflora Goldblatt

Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 1000–1500 m. WC

falcifolia Klatt

Galaxia penduncularis Bég. (17)

M. fasciculata Klatt (17)

M. galaxioides Baker (10)

Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt 150–1160 m.
N, NW, NC, WC, EC

fasciculata Klatt = **M. falcifolia**

fenestralis (Goldblatt & E.G.H.Oliv.) Goldblatt

Galaxia fenestralis Goldblatt & E.G.H.Oliv. (28)

Perennial. Herb, geophyte. Ht ± 0.03 m. Alt? NC

fenestrata (Goldblatt) Goldblatt

Homeria fenestrata Goldblatt (24)

Perennial. Herb, geophyte. Ht 0.1–0.12 m. Alt? WC

fergusoniae L.Bolus

M. fimbriata Klatt, illegitimate name (17)

Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 9–460 m. WC

filicaulis Baker = **M. fugax** subsp. **filicaulis**

fimbriata Klatt, illegitimate name = **M. fergusoniae**

fistulosa (Goldblatt) Goldblatt

Roggeveldia fistulosa Goldblatt (24)

Perennial. Herb, geophyte. Ht? Alt? Distr.?

flaccida (Sweet) Steud.

Homeria bicolor (Baker) Klatt (24)

Homeria flaccida Sweet (24)

Perennial. Herb, geophyte. Ht 0.35–0.6 m. Alt? WC

flavescens (Goldblatt) Goldblatt

Homeria flavescens Goldblatt (24)

Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt? WC

flexicaulis Goldblatt

M. flexuosa Goldblatt (27)

Perennial. Herb, geophyte. Ht 0.06–0.1 m. Alt? NC

flexuosa Goldblatt = **M. flexicaulis**

fragrans Goldblatt

Homeria odorata L.Bolus (24)

Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt? NC

framesii L.Bolus = **M. serpentina**

fugacissima (L.f.) Goldblatt

Galaxia fugacissima (L.f.) Druce (24)

Ixia fugacissima L.f. (24)

Perennial. Herb, geophyte. Ht 0.03–0.06 m. Alt? NC,
WC, EC

fugax (D.Delaroche) Jacq. subsp. **filicaulis** (Baker) Goldblatt

M. diphylla Baker (17)

M. filicaulis Baker (17)

Perennial. Herb, geophyte. Ht 0.06–0.2 m. Alt 152–640 m.
NC, WC

fugax (D.Delaroche) Jacq. subsp. **fugax**

Iris edulis L.f. (17)

Iris longifolia Schneev. (17)

M. corniculata Lam. (17)

M. edulis (L.f.) Ker Gawl. (10)

M. longifolia (Schneev.) Sweet, illegitimate name (17)

M. odora Salisb. (17)

Vieusseuxia edulis (L.f.) Link (17)

Vieusseuxia fugax D.Delaroche (17)

Perennial. Herb, geophyte. Ht 0.12–0.5 m. Alt 10–910 m.
NC, WC

fuscumontana (Goldblatt) Goldblatt

Homeria fuscumontana Goldblatt (24)

Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt? WC

galaxioides Baker = **M. falcifolia**

galaxia (L.f.) Goldblatt & J.C.Manning

Galaxia ovata Thunb. (26)

Ixia galaxia L.f. (26)

M. ovalifolia Goldblatt (26)

Perennial. Herb, geophyte. Ht 0.03–0.05 m. Alt 10–910 m.
NC, WC

galpinii (Baker) N.E.Br.

Perennial. Herb, geophyte. Ht 0.25–0.6 m. Alt 1800–2200 m.
M, S, KZN

galpinii (Baker) N.E.Br. subsp. **robusta** Goldblatt = **M. robusta**

garipensis Goldblatt

Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt? N

gawleri Spreng.

Iris crista L.f. (17)

M. crista (L.f.) Ker Gawl., illegitimate name (17)

M. crista (L.f.) Ker Gawl. var. *rectifolia* Baker (17)

M. decussata Klatt (17)

M. sulphurea Baker (17)

M. undulata Ker Gawl. (17)

Vieusseuxia angustifolia Eckl., naked name (17)

Vieusseuxia brehmii Eckl., naked name (17)

Perennial. Herb, geophyte. Ht 0.15–0.45 m. Alt 40–1219 m.
NC, WC, EC

gigandra L.Bolus

Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt? WC

gracilentia Goldblatt

M. ciliata (L.f.) Ker Gawl. var. *gracilis* Baker (17)

Perennial. Herb, geophyte. Ht 0.3–0.8 m. Alt? WC

graminicola Oberm. subsp. **graminicola**

Perennial. Herb, geophyte. Ht 0.3–0.45 m. Alt ?–1770 m.
KZN

graminicola Oberm. subsp. **notata** Goldblatt

Perennial. Herb, geophyte. Ht 0.45–1 m. Alt 305–1150 m.
EC

- graniticola** Goldblatt
Perennial. Herb, geophyte. Ht ± 0.05 m. Alt? N
- hantamensis** Klatt = **M. ciliata**
- herrei** (L.Bolus) Goldblatt
Barnardiella spiralis (N.E.Br.) Goldblatt (24)
Gynandriris spiralis (N.E.Br.) R.C.Foster (24)
Homeria herrei L.Bolus (24)
Perennial. Herb, geophyte. Ht 0.08–0.12 m. Alt? NC
- hesperantha** (Goldblatt) Goldblatt
Gynandriris hesperantha Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt? WC
- hexaglottis** Goldblatt
Perennial. Herb, geophyte. Ht 0.08–0.1 m. Alt ± 1300 m. N
- hiemalis** Goldblatt
Perennial. Herb, geophyte. Ht 0.3–0.76 m. Alt 915–2745 m.
KZN
- hirsuta** (Licht. ex Roem. & Schult.) Ker Gawl. = **M. papilionacea**
- hombleri** De Wild. = **M. carsonii**
- huttonii** (Baker) Oberm.
M. rivularis Schltr. (8)
Perennial. Herb, geophyte. Ht 0.45–1 m. Alt 884–2500 m.
M, FS, KZN, L, EC
- inclinata** Goldblatt
Perennial. Herb, geophyte. Ht 0.4–0.9 m. Alt ?–2700 m.
FS, KZN, L, EC
- inconspicua** Goldblatt
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 21–1524 m.
NC, WC, EC
- incurva** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt? WC
- indecora** Goldblatt
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt? NC
- insolens** Goldblatt
Perennial. Herb, geophyte. Ht 0.2–0.35 m. Alt? WC
- iridioides** L. = **Dietes iridioides**
- iriopetala** L.f., illegitimate name = **M. vegeta**
- juncea** in sense of N.E.Br., not of L., misapplied name = **M. vegeta**
- juncifolia** N.E.Br. = **M. elliotii**
- kamiesensis** Goldblatt
Galaxia grandiflora Andrews (24)
Perennial. Herb, geophyte. Ht 0.03–0.5 m. Alt? NC
- kamiesmontana** (Goldblatt) Goldblatt
Galaxia kamiesmontana Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.02–0.04 m. Alt? NC
- karroica** Goldblatt
Homeria tricolor G.J.Lewis (24)
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? NC, WC
- knervlaktensis** Goldblatt
Homeria ramosissima Schltr. (24)
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt? WC
- lewisiae** (Goldblatt) Goldblatt
Hexaglottis flexuosa (L.f.) Sweet (24)
Hexaglottis lewisiae Goldblatt (24)
Hexaglottis lewisiae Goldblatt subsp. *secunda* Goldblatt (28)
Perennial. Herb, geophyte. Ht 0.2–0.9 m. Alt? NC, WC, EC
- lilacina** Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.2–0.35 m. Alt? WC
- lindleri** Goldblatt
Perennial. Herb, geophyte. Ht 0.35–0.45 m. Alt? WC
- longiaristata** Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? WC
- longiflora** Ker Gawl.
Gynandriris longiflora (Ker Gawl.) R.C.Foster (17)
Helixyra flava Salisb., illegitimate name (17)
Helixyra longiflora (Ker Gawl.) N.E.Br. (17)
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt ± 1200 m.
NC
- longifolia** (Jacq.) Pers.
Hexaglottis longifolia (Jacq.) Salisb. (24)
Hexaglottis longifolia (Jacq.) Vent. var. *angustifolia* G.J.Lewis (24)
Ixia longifolia Jacq. (24)
Perennial. Herb, geophyte. Ht 0.6–1.5 m. Alt? WC
- longifolia** (Schneev.) Sweet, illegitimate name = **M. fugax** subsp. **fugax**
- longistyla** (Goldblatt) Goldblatt
Homeria longistyla Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? WC
- loubseri** Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt? WC
- louisabolusiae** Goldblatt
Homeria bolusiae Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt? NC, WC
- lugubris** (Salisb.) Goldblatt
Ferraria lugubris Salisb. (17)
Iris plumaria Thunb., illegitimate name (17)
M. mira Klatt (17)
M. plumaria (Thunb.) Ker Gawl. (10)
Vieusseuxia geniculata Eckl., naked name (17)
Perennial. Herb, geophyte. Ht 0.06–0.16 m. Alt 25–900 m.
NC, WC
- lurida** Ker Gawl.
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 100–670 m.
WC
- luteoalba** (Goldblatt) Goldblatt
Galaxia luteoalba Goldblatt (24)
Perennial. Herb, geophyte. Ht 0.02–0.05 m. Alt 305–1150 m.
WC
- macgregorii** Goldblatt
Perennial. Herb, geophyte. Ht 0.12–0.25 m. Alt? WC
- macra** Schltr. = **M. elliotii**
- macrocarpa** Goldblatt
Perennial. Herb, geophyte. Ht 0.8–0.12 m. Alt? WC
- macrochlamys** Baker = **M. ciliata**
- macronyx** G.J.Lewis
Perennial. Herb, geophyte. Ht 0.09–0.16 m. Alt 640–960 m.
WC
- margaretae** Goldblatt
Perennial. Herb, geophyte. Ht ± 0.15 m. Alt? NC
- marionae** N.E.Br.
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt ?–1400 m.
LIM, M, S
- marlothii** (L.Bolus) Goldblatt
Homeria marlothii L.Bolus (24)
Perennial. Herb, geophyte. Ht 0.5–0.8 m. Alt? NC
- maximiliani** (Schltr.) Goldblatt & J.C.Manning
Homeria maximiliani Schltr. (23)
Rheome maximiliani (Schltr.) Goldblatt (23)
Perennial. Herb, geophyte. Ht 0.08–0.1 m. Alt? WC
- melanops** Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht ± 0.04 m. Alt? WC

miniata Andrews*Homeria albida* L.Bolus (24)*Homeria lineata* Sweet (24)*Homeria miniata* (Andrews) Sweet (24)

Perennial. Herb, geophyte. Ht 0.15–0.6 m. Alt? NC, WC

minima Goldblatt*Galaxia parva* Goldblatt (24)

Perennial. Herb, geophyte. Ht ± 0.25 m. Alt? WC

minor Eckl.*Homeria framesii* L.Bolus (24)*Homeria minor* (Eckl.) Goldblatt (24)*Homeria rhopalocarpa* Schltr. (24)

Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? WC

mira Klatt = **M. lugubris****modesta** Killick

Perennial. Herb, geophyte. Ht 0.16–0.45 m. Alt 226–3050 m.

FS, KZN, L, EC

moggii N.E.Br. subsp. **albescens** Goldblatt

Perennial. Herb, geophyte. Ht 0.7–1 m. Alt 1600–1980 m.

M, KZN

moggii N.E.Br. subsp. **moggii**

Perennial. Herb, geophyte. Ht 0.6–1 m. Alt? LIM, M

monticola Goldblatt*Roggeveldia montana* Goldblatt (24)

Perennial. Herb, geophyte. Ht ± 0.15 m. Alt? NC

mossii N.E.Br. = **M. stricta****muddii** N.E.Br.

Perennial. Herb, geophyte. Ht 0.3–0.55 m. Alt ?–2300 m.

M, KZN, EC

namaquamontana Goldblatt

Perennial. Herb, geophyte. Ht 0.2–0.35 m. Alt? NC

namaquana (Goldblatt) Goldblatt*Hexaglottis namaquana* Goldblatt (24)

Perennial. Herb, geophyte. Ht 0.12–0.2 m. Alt? NC

namibensis Goldblatt

Perennial. Herb, geophyte. Ht 0.12–0.4 m. Alt? N, NC

nana (L.Bolus) Goldblatt & J.C.Manning*Hexaglottis nana* L.Bolus (23)

Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt? NC, WC

natalensis Baker*M. erici-rosenii* R.E.Fr. (17)*M. parviflora* N.E.Br. (17)

Perennial. Herb, geophyte. Ht 0.15–0.45 m. Alt 900–1525 m.

LIM, M, S, KZN

neglecta G.J.Lewis

Perennial. Herb, geophyte. Ht 0.45–0.6 m. Alt 21–305 m.

NC, WC

neopavonia R.C.Foster = **M. tulbaghensis****nubigena** Goldblatt

Perennial. Herb, geophyte. Ht 0.03–0.05 m. Alt? WC

obtusata N.E.Br. = **M. angusta****ochroleuca** (Salisb.) Drapiez*Homeria lucasii* L.Bolus (24)*Homeria ochroleuca* Salisb. (24)

Perennial. Herb, geophyte. Ht 0.35–0.75 m. Alt? WC

odora Salisb. = **M. fugax** subsp. **fugax****odorata** G.J.Lewis = **M. viscaria****ovalifolia** Goldblatt = **M. galaxia****ovata** Thunb. = **Ferraria ovata****pallida** (Baker) Goldblatt*Homeria glauca* J.M.Wood & M.S.Evans (24)*Homeria humilis* N.E.Br. (24)*Homeria mossii* N.E.Br. (24)*Homeria pallida* Baker (24)*Homeria pura* N.E.Br. (24)*Homeria townsendiae* N.E.Br. (24)

Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt? NW, G,

M, FS, KZN, NC

papilionacea (L.f.) Ker Gawl.*Iris hirsuta* Licht. ex Roem. & Schult. (17)*Iris papilionacea* L.f. (17)*M. hirsuta* (Licht. ex Roem. & Schult.) Ker Gawl. (17)*M. papilionacea* (L.f.) Ker Gawl. var. *maythamiae* G.J.Lewis (17)*M. pilosa* J.C.Wendl. (17)*Vieusseuxia intermedia* Eckl., naked name (17)*Vieusseuxia nervosa* Eckl., naked name (17)

Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt 30–700 m.

WC

papilionacea (L.f.) Ker Gawl. var. *maythamiae* G.J.Lewis= **M. papilionacea****parva** N.E.Br. = **M. stricta****parviflora** N.E.Br. = **M. natalensis****patens** (Goldblatt) Goldblatt*Homeria patens* Goldblatt (24)

Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 30–700 m.

WC

pendula (Goldblatt) Goldblatt*Homeria pendula* Goldblatt (24)

Perennial. Herb, geophyte. Ht 0.5–0.9 m. Alt? NC

pilifolia Goldblatt*Galaxia ciliata* Pers. (24)

Perennial. Herb, geophyte. Ht 0.02–0.04 m. Alt? NC, WC

pilosa J.C.Wendl. = **M. papilionacea****plumaria** (Thunb.) Ker Gawl. = **M. lugubris****polyanthos** L.f.*Homeria lilacina* L.Bolus (16)

Perennial. Herb, geophyte. Ht 0.1–0.45 m. Alt 20–1005 m.

WC, EC

polyanthos of author, misapplied name = **M. bipartita****polystachya** (Thunb.) Ker Gawl.*Iris polystachya* Thunb. (17)

Perennial. Herb, geophyte. Ht 0.5–0.8 m. Alt 50–1500 m.

N, NW, WC, EC

polystachya (Thunb.) Ker Gawl. var. *brevicaulis* Stent =**M. venenata****pritzeliana** Diels*Gynandriris pritzeliana* (Diels) Goldblatt (24)*Gynandriris torta* (L.Bolus) R.C.Foster (24)

Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt? NC

pseudospicata Goldblatt

Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt ± 670 m.

NC

pubiflora N.E.Br.

Perennial. Herb, geophyte. Ht 0.45–0.75 m. Alt 1800–2100

m. M, S

pubiflora N.E.Br. subsp. *brevistyla* Goldblatt = **M. brevistyla****pyrophila** Goldblatt*Homeria galpinii* L.Bolus (24)

Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 30–700 m.

WC

radians (Goldblatt) Goldblatt*Homeria radians* (Goldblatt) Goldblatt (24)*Sessilistigma radians* Goldblatt (24)

Perennial. Herb, geophyte. Ht 0.12–0.25 m. Alt? WC
ramosa (Thunb.) Ker Gawl., illegitimate combination = **M. ramosissima**

ramosissima (L.f.) Druce

Freuchenia bulbifera Eckl., naked name (17)

Iris ramosa Thunb., illegitimate name (17)

Iris ramosissima L.f. (17)

M. bulbifera Jacq. (17)

M. ramosa (Thunb.) Ker Gawl., illegitimate combination (17)

Vieusseuxia freuchenia (Eckl.) Steud., invalid name (17)

Perennial. Herb, geophyte. Ht 0.5–1.2 m. Alt? WC, EC

reflexa Goldblatt

Homeria hantamensis Goldblatt & J.C.Manning (24)

Perennial. Herb, geophyte. Ht 0.7–1.1 m. Alt ± 1600 m. NC

regalis Goldblatt & J.C.Manning

Perennial. Herb, geophyte. Ht 0.18–0.25 m. Alt? WC

reticulata Goldblatt

Perennial. Herb, geophyte. Ht 0.7–0.9 m. Alt?–1525 m. EC

rigidifolia Goldblatt

Perennial. Herb, geophyte. Ht 0.07–0.12 m. Alt? N

riparia (Goldblatt) Goldblatt

Hexaglottis riparia Goldblatt (24)

Perennial. Herb, geophyte. Ht 0.45–0.9 m. Alt? WC

rivularis Schltr. = **M. huttonii**

rivulicola Goldblatt & J.C.Manning

Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt? NC

robusta (Goldblatt) Goldblatt

M. galpinii (Baker) N.E.Br. subsp. *robusta* Goldblatt (16)

Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt? M, KZN

saxicola Goldblatt

Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 250–1200 m. NC, WC

schlechteri (L.Bolus) Goldblatt

Homeria schlechteri L.Bolus (24)

Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt? NC

serpentina Baker

M. arenaria Baker (10)

M. framesii L.Bolus (17)

Perennial. Herb, geophyte. Ht 0.04–0.2 m. Alt 230–1100 m. NC, WC

serratostyla (Goldblatt) Goldblatt

Homeria serratostyla Goldblatt (24)

Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt? NC

setifolia (L.f.) Druce

Gynandriris rogersii (Baker) R.C.Foster (24)

Gynandriris setifolia (L.f.) R.C.Foster (24)

Perennial. Herb, geophyte. Ht 0.05–0.2 m. Alt? NC, WC, EC

simulans Baker

Gynandriris cladostachya (Baker) R.C.Foster (24)

Gynandriris simulans (Baker) R.C.Foster (24)

Helixyra simulans (Baker) N.E.Br. (24)

Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt? NW, FS, G, M, WC

sordescens Jacq. = **M. vegeta**

spathulata (L.f.) Klatt

M. spathulata (L.f.) Klatt subsp. *autumnalis* Goldblatt (11)

M. spathulata (L.f.) Klatt subsp. *saxosa* Goldblatt (11)

M. spathulata (L.f.) Klatt subsp. *transvaalensis* Goldblatt (11)

Perennial. Herb, geophyte. Ht 0.38–1.52 m. Alt 30–2745 m. M, S, FS, KZN, L, WC, EC

spathulata (L.f.) Klatt subsp. *autumnalis* Goldblatt = **M. spathulata**

spathulata (L.f.) Klatt subsp. *saxosa* Goldblatt = **M. spathulata**

spathulata (L.f.) Klatt subsp. *transvaalensis* Goldblatt = **M. spathulata**

speciosa (L.Bolus) Goldblatt

Homeria speciosa L.Bolus (16)

Perennial. Herb, geophyte. Ht 0.4–0.75 m. Alt?–425 m. NC, WC

stagnalis (Goldblatt) Goldblatt

Galaxia stagnalis Goldblatt (24)

Perennial. Herb, geophyte. Ht 0.02–0.04 m. Alt? NC, WC

stenocarpa Schltr. = **M. cooperi**

stewartae N.E.Br. = **M. elliotii**

stricta Baker

M. curtisae R.C.Foster (17)

M. mossii N.E.Br. (17)

M. parva N.E.Br. (17)

M. tellinii Chiov. (17)

M. thomsonii in sense of Goldblatt (1977) in part, not of Baker, misapplied name (17)

M. trita N.E.Br. (17)

Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 155–2745 m. LIM, G, M, S, FS, KZN, L

sulphurea Baker = **M. gawleri**

tellinii Chiov. = **M. stricta**

tenuis Ker Gawl. = **M. unguiculata**

thomasiae Goldblatt

Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 457–762 m. WC

thomsonii Baker

Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? M

thomsonii in sense of Goldblatt (1977) in part, not of Baker, misapplied name = **M. stricta**

tortilis Goldblatt

Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt? NC

toxicaria Dinter = **M. venenata**

tricolor Andrews

Iris fugax Pers., illegitimate name (17)

M. barbiger Salisb. (17)

M. ciliata (L.f.) Ker Gawl. var. *barbiger* (Salisb.) Baker (17)

M. ciliata (L.f.) Ker Gawl. var. *tricolor* (Andrews) Baker (17)

M. duthieana L.Bolus (17)

Perennial. Herb, geophyte. Ht 0.5–0.15 m. Alt? WC

tricuspidata (L.f.) G.J.Lewis

M. bellendenii (Sweet) N.E.Br. subsp. *cormifera* Goldblatt (9)

Perennial. Herb, geophyte. Ht 0.25–0.6 m. Alt 10–800 m. WC, EC

trifida R.C.Foster

M. culmea Killick (8)

Perennial. Herb, geophyte. Ht 0.35–0.76 m. Alt?–2255 m. M, FS, KZN, L, EC

tripetala (L.f.) Ker Gawl.

Iris mutila Licht. ex Roem. & Schult. (17)

Iris tripetala L.f. (17)

M. tripetala (L.f.) Ker Gawl. var. *jacquinii* Schltr. ex G.J.Lewis (17)

M. tripetala (L.f.) Ker Gawl. var. *mutila* (Licht. ex Roem. & Schult.) Baker (17)

Vieusseuxia pulchra Eckl. (17)

Vieusseuxia tripetala (L.f.) Klatt (17)

Vieusseuxia tripetaloides DC., illegitimate name (17)

Perennial. Herb, geophyte. Ht 0.1–0.5 m. Alt 15–1450 m. NC, WC

tripetala (L.f.) Ker Gawl. var. *jacquinii* Schltr. ex G.J.Lewis = **M. tripetala**

tripetala (L.f.) Ker Gawl. var. *mutila* (Licht. ex Roem. & Schult.) Baker = **M. tripetala**

tristis (L.f.) Ker Gawl. = **M. vegeta**

trita N.E.Br. = **M. stricta**

tulbaghensis L.Bolus

M. neopavonia R.C.Foster (27)

Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt? WC

umbellata Thunb.

Homeria umbellata (Thunb.) G.J.Lewis (23)

Rheome umbellata (Thunb.) Goldblatt (23)

Perennial. Herb, geophyte. Ht 0.15–0.45 m. Alt? WC

undulata Ker Gawl. = **M. gawleri**

unguiculata Ker Gawl.

M. tenuis Ker Gawl. (9)

Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 12–2000 m. NC, WC, EC

unibracteata Goldblatt

Perennial. Herb, geophyte. Ht 0.38–0.45 m. Alt ?–1770 m. KZN

vallisavium Goldblatt

Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt? WC

vallisbelli (Goldblatt) Goldblatt

Homeria vallisbelli Goldblatt (24)

Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt? NC

variabilis (G.J.Lewis) Goldblatt

Galaxia variabilis G.J.Lewis (24)

Perennial. Herb, geophyte. Ht 0.3–0.05 m. Alt? WC

vegeta L.

Ferraria tristis (L.f.) Salisb. (17)

Iris tristis L.f. (17)

M. iriopetala L.f., illegitimate name (17)

M. juncea in sense of N.E.Br., not of L., misapplied name (9)

M. sordescens Jacq. (9)

M. tristis (L.f.) Ker Gawl. (17)

Viousseuxia graminifolia Eckl. (17)

Viousseuxia rivularis Eckl., naked name (17)

Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 15–155 m. WC

venenata Dinter

M. polystachya (Thunb.) Ker Gawl. var. *brevicaulis* Stent (17)

M. toxicaria Dinter (17)

Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 915–1005 m. N, NC

verecunda Goldblatt

Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt? NC

versicolor (Salisb. ex Klatt) Goldblatt

Galaxia versicolor Salisb. ex Klatt (24)

Perennial. Herb, geophyte. Ht 0.02–0.05 m. Alt? WC

vespertina Goldblatt & J.C.Manning

Perennial. Herb, geophyte. Ht 0.7–0.1 m. Alt? NC

vigilans Goldblatt & J.C.Manning

Perennial. Herb, geophyte. Ht 0.5–0.7 m. Alt ± 2300 m. FS, KZN

villosa (Ker Gawl.) Ker Gawl. subsp. **elandsmontana** Goldblatt

Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt? WC

villosa (Ker Gawl.) Ker Gawl. subsp. **villosa**

Perennial. Herb, geophyte. Ht ± 0.2 m. Alt 280–300 m. WC

violacea Baker = **M. elliotii**

virgata Jacq.

Hexaglottis virgata (Jacq.) Sweet subsp. *karooica* Goldblatt (28)

Hexaglottis virgata (Jacq.) Sweet subsp. *virgata* (24)

Hexaglottis virgata (Jacq.) Sweet var. *lata* G.J.Lewis (24)

Perennial. Herb, geophyte. Ht 0.2–0.85 m. Alt 6–750 m. NC, WC, EC

viscaria (L.f.) Ker Gawl.

Iris viscaria L.f. (17)

M. odorata G.J.Lewis (17)

Viousseuxia viscaria (L.f.) Eckl. (17)

Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 6–245 m. WC

viscaria (L.f.) Ker Gawl. var. *bituminosa* (L.f.) Baker = **M. bituminosa**

vlokii Goldblatt

Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt? WC

worcesterensis Goldblatt

Perennial. Herb, geophyte. Ht 0.12–0.25 m. Alt? WC

NIVENIA Vent.

1297000

(1) Brown. 1933. *Transactions of the Royal Society of South Africa* 21: 259–270.

(2) Lewis. 1934. *The Flowering Plants of South Africa* 14: t. 548.

(3) Weimarck. 1940. *Svensk Botanisk Tidskrift* 34: 356–372.

(4) Obermeyer. 1967. *The Flowering Plants of Africa* 38: t. 1504.

(5) Goldblatt. 1993. *The woody Iridaceae*: 1–139.

(6) Goldblatt. 1997. *Bothalia* 27: 101–103.

argentea Goldblatt

N. capitata (Klatt) Weim. (5)

Perennial. Shrub. Ht 0.4–0.6 m. Alt 360–1400 m. WC

binata Klatt

Perennial. Shrub. Ht 0.2–1 m. Alt ?–1550 m. WC

capitata (Klatt) Weim. = **N. argentea**

concinna N.E.Br.

Perennial. Dwarf shrub. Ht 0.2–0.3 m. Alt 765–1220 m. WC

corymbosa (Ker Gawl.) Baker

Perennial. Shrub. Ht 0.4–2 m. Alt 700–800 m. WC

dispar N.E.Br.

Perennial. Shrub. Ht 0.4–0.8 m. Alt? WC

fruticosa (L.f.) Baker

Perennial. Shrub. Ht 0.1–0.2 m. Alt ?–914 m. WC

levynsiae Weim.

Perennial. Dwarf shrub. Ht 0.1–0.2 m. Alt ?–460 m. WC

parviflora Goldblatt

Perennial. Shrub. Ht 0.3–0.5 m. Alt? WC

stenosiphon Goldblatt

Perennial. Shrub. Ht 0.2–1 m. Alt 1000–1500 m. WC

stokoei (L.Guthrie) N.E.Br.

Aristea stokoei L.Guthrie (1)

Perennial. Shrub. Ht 0.3–0.7 m. Alt 35–765 m. WC

OENOSTACHYS Bullock

1311030

zambesiacus (Baker) Goldblatt = **Gladiolus magnificus**

PETAMENES Salisb.

1306070

abbreviatus (Andrews) N.E.Br. = **Gladiolus abbreviatus**

aethiopica (L.) E.Phillips = **Chasmanthe aethiopica**

bicolor (Gasp. ex Ten.) E.Phillips = **Chasmanthe bicolor**

buckerveldii (L.Bolus) N.E.Br. = **Gladiolus buckerveldii**

caffra (Baker) E.Phillips = **Tritoniopsis caffra**

cunonia (L.) E.Phillips = **Gladiolus cunonius**

duftii (Schinz) E.Phillips = **Gladiolus saccatus**

floribunda (Salisb.) E. Phillips = **Chasmanthe floribunda**
var. **floribunda**

fucata (Herb.) E. Phillips = **Crocoshia fucata**

gracilis (N.E.Br.) E. Phillips = **Gladiolus saccatus**

guthriei (L. Bolus) N.E.Br. = **Gladiolus overbergensis**

intermedia (Baker) E. Phillips = **Tritoniopsis intermedia**

magnificus (Harms) R.C. Foster = **Gladiolus magnificus**

peglerae (N.E.Br.) E. Phillips = **Chasmanthe aethiopica**

pilosus (Klatt) Goldblatt = **Gladiolus bonaspei**

saccatus (Klatt) E. Phillips = **Gladiolus saccatus**

spectabilis (Schinz) E. Phillips = **Gladiolus magnificus**

splendens (Sweet) E. Phillips = **Gladiolus splendens**

steingroeveri (Pax) E. Phillips = **Gladiolus saccatus**

vittigera (Salisb.) E. Phillips = **Chasmanthe aethiopica**

zambesiacus (Baker) N.E.Br. = **Gladiolus magnificus**

PILLANSIA L. Bolus 1315010

(1) Bolus. 1915. *Annals of the Bolus Herbarium* 1: 20, 21.

(2) Obermeyer. 1962. *The Flowering Plants of Africa* 35: t. 1381.

templemannii (Baker) L. Bolus

Perennial. Herb, geophyte. Ht 0.6–0.9 m. Alt 60–550 m.
WC

RADINOSIPHON N.E.Br. 1311040

(1) Brown. 1932. *Transactions of the Royal Society of South Africa* 20: 261–280.

(2) Carter. 1962. *The Flowering Plants of Africa* 35: t. 1384.

leptosiphon (F. Bolus) N.E.Br. = **Gladiolus leptosiphon**

leptostachya (Baker) N.E.Br.

Perennial. Herb, geophyte. Ht 0.3–0.45 m. Alt 565–2100 m.
M, S

lomatensis (N.E.Br.) N.E.Br.

Perennial. Herb, geophyte. Ht 0.3–0.45 m. Alt 1800–2100 m.
M

RHEOME Goldblatt 1277020

maximiliani (Schltr.) Goldblatt = **Moraea maximiliani**

umbellata (Thunb.) Goldblatt = **Moraea umbellata**

ROGGEVELDIA Goldblatt 1277030

fistulosa Goldblatt = **Moraea fistulosa**

montana Goldblatt = **Moraea monticola**

ROMULEA Maratti 1261000

(1) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 90.

(2) Lewis. 1934. *The Flowering Plants of South Africa* 14: t. 544.

(3) De Vos. 1952. *The Flowering Plants of Africa* 29: tt. 1135–1137.

(4) De Vos. 1971. *The Flowering Plants of Africa* 41: t. 1612.

(5) Goldblatt. 1971. *The Flowering Plants of Africa* 41: t. 1613.

(6) De Vos. 1972. *Journal of South African Botany* Suppl. 9: 1–307.

(7) De Vos. 1983. *FSA* 7,2, Fasc. 2: 10–76.

(8) De Vos. 1987. *South African Journal of Botany* 53: 247, 248.

(9) Goldblatt. 1993. *FZ* 12: 63, 64.

(10) Manning & Goldblatt. 2001. *Adansonia* 23: 59–98.

albiflora J.C. Manning & Goldblatt

Perennial. Herb, geophyte. Ht 0.05–0.2 m. Alt 1500–1585 m. NC

albomarginata M.P. de Vos

Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 1200–1500 m. WC

amoena Schltr. ex Bég.

Perennial. Herb, geophyte. Ht 0.05–0.2 m. Alt 800–850 m. NC

aquatica G.J. Lewis

Perennial. Herb, geophyte, hydrophyte. Ht 0.2–0.6 m. Alt ± 200 m. WC

atrandra G.J. Lewis var. **atrandra**

Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 200–1830 m. NC, WC

atrandra G.J. Lewis var. **esterhuyseniae** M.P. de Vos

Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 100–2135 m. NC, WC

atrandra G.J. Lewis var. **lewisiae** M.P. de Vos

Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 50–1500 m. WC, EC

atrandra G.J. Lewis var. **luteoflora** M.P. de Vos = **R. luteoflora** var. **luteoflora**

austinii E. Phillips

Perennial. Herb, geophyte. Ht 0.06–0.2 m. Alt 200–1500 m. NC, WC

autumnalis L. Bolus

Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 5–700 m. EC

barkeriae M.P. de Vos

Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 10–50 m. WC

biflora (Bég.) M.P. de Vos

Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt 180–1100 m. WC

camerooniana Baker

R. campanuloides Harms var. *campanuloides* (9)

R. campanuloides Harms var. *gigantea* M.P. de Vos (9)

R. thodei Schltr. (9)

R. thodei Schltr. subsp. *gigantea* M.P. de Vos (9)

Perennial. Geophyte. Ht 0.1–0.25 m. Alt 1500–2860 m. M, FS, KZN, L, EC

campanuloides Harms var. *campanuloides* = **R. camerooniana**

campanuloides Harms var. *gigantea* M.P. de Vos = **R. camerooniana**

cedarbergensis M.P. de Vos

Perennial. Herb, geophyte. Ht 0.03–0.15 m. Alt 1000–1500 m. WC

citrina Baker

Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt 600–1525 m. NC

cruciata (Jacq.) Baker var. **cruciata**

Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 50–100 m. WC

cruciata (Jacq.) Baker var. **intermedia** (Bég.) M.P. de Vos

Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 15–1000 m. NC, WC

dichotoma (Thunb.) Baker

Perennial. Herb, geophyte. Ht 0.1–0.35 m. Alt 45–185 m. WC, EC

discifera J.C. Manning & Goldblatt

Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt ± 800 m. NC

diversiformis M.P. de Vos

Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt 1500–1675 m. NC

elliptica M.P. de Vos

Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 100–150 m. WC

- eximia** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.25–0.45 m. Alt 100–610 m. WC
- fibrosa** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.35 m. Alt 110–1830 m. WC, EC
- flava** (Lam.) M.P.de Vos var. **flava**
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 30–1065 m. WC
- flava** (Lam.) M.P.de Vos var. **hirsuta** (Bég.) M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 30–1065 m. WC
- flava** (Lam.) M.P.de Vos var. **minor** (Bég.) M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 30–1190 m. NC, WC
- flava** (Lam.) M.P.de Vos var. **viridiflora** (Bég.) M.P.de Vos
R. similis Eckl. ex Baker (6)
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 50–150 m. NC, WC
- flexuosa** Klatt
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 500–800 m. NC, WC
- gigantea** Bég.
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 50–100 m. WC, EC
- gracillima** Baker
Perennial. Herb, geophyte. Ht 0.06–0.25 m. Alt 50–200 m. WC
- hallii** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.08–0.13 m. Alt ± 1500 m. NC
- hantamensis** (Diels) Goldblatt
Perennial. Herb, geophyte. Ht 0.7–0.15 m. Alt 1600–1700 m. NC
- hirsuta** (Steud. ex Klatt) Baker var. **cuprea** (Bég.) M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 2–200 m. WC
- hirsuta** (Steud. ex Klatt) Baker var. **framesii** (L.Bolus) M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt 150–250 m. WC
- hirsuta** (Steud. ex Klatt) Baker var. **hirsuta**
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt 30–535 m. WC
- hirsuta** (Steud. ex Klatt) Baker var. **zeyheri** (Baker) M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt 150–250 m. WC
- hirta** Schltr.
Perennial. Herb, geophyte. Ht 0.05–0.3 m. Alt 500–800 m. NC, WC
- jugicola** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.05–0.3 m. Alt 50–610 m. WC
- kamisensis** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt 500–1184 m. NC
- komsbergensis** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.08–0.13 m. Alt 1500–1600 m. NC
- leipoldtii** Marais
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 90–800 m. NC, WC
- lilacina** J.C.Manning & Goldblatt
Perennial. Herb, geophyte. Ht 0.02–0.03 m. Alt ± 1200 m. WC
- longipes** Schltr.
Perennial. Herb, geophyte. Ht 0.02–0.5 m. Alt 15–700 m. EC
- longituba** L.Bolus var. **alticola** B.L.Burtt = **R. macowanii** var. **alticola**
- luteoflora** (M.P.de Vos) M.P.de Vos var. **luteoflora**
R. atrandra G.J.Lewis var. *luteoflora* M.P.de Vos (6)
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 820–1578 m. NC, WC
- luteoflora** (M.P.de Vos) M.P.de Vos var. **sanisensis** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt ± 2000 m. L
- macowanii** Baker var. **alticola** (B.L.Burtt) M.P.de Vos
R. longituba L.Bolus var. *alticola* B.L.Burtt (6)
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 1500–2000 m. L, EC
- macowanii** Baker var. **macowanii**
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 1500–2025 m. FS, L, EC
- macowanii** Baker var. **oreophila** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt 2500–3000 m. L, EC
- maculata** J.C.Manning & Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 1000–1200 m. NC
- malaniae** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt 1000–1200 m. WC
- membranacea** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.15 m. Alt 800–1500 m. NC
- minutiflora** Klatt
Perennial. Herb, geophyte. Ht 0.06–0.2 m. Alt 5–1065 m. NC, WC, EC
- monadelphica** (Sweet) Baker
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 800–1127 m. NC
- montana** Schltr. ex Bég.
Perennial. Herb, geophyte. Ht 0.04–0.15 m. Alt 670–915 m. NC, WC
- monticola** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.01–0.25 m. Alt 750–800 m. WC
- multifida** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.08–0.13 m. Alt ± 1500 m. NC
- multisulcata** M.P.de Vos
Perennial. Herb, geophyte, hydrophyte. Ht 0.3–0.5 m. Alt 50–200 m. NC, WC
- namaquensis** M.P.de Vos
R. namaquensis M.P.de Vos subsp. *bolusii* M.P.de Vos (6)
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 800–1000 m. NC

- namaquensis* M.P.de Vos subsp. *bolusii* M.P.de Vos = **R. namaquensis**
- neglecta** (Schult.) M.P.de Vos
R. oliveri M.P.de Vos (7)
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt ± 1500 m. NC
- obscura** Klatt var. **blanda** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.01–0.3 m. Alt 50–200 m. WC
- obscura** Klatt var. **campestris** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.01–0.3 m. Alt 140–230 m. WC
- obscura** Klatt var. **obscura**
Perennial. Herb, geophyte. Ht 0.01–0.3 m. Alt 50–200 m. WC
- obscura** Klatt var. **subtestacea** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.01–0.3 m. Alt 50–200 m. WC
- oliveri* M.P.de Vos = **R. neglecta**
- papyracea* Wolley-Dod = **R. schlechteri**
- pearsonii** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt 500–1200 m. NC
- pratensis** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.01–0.25 m. Alt 100–610 m. WC, EC
- rosea** (L.) Eckl. var. **australis** (Ewart) M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 105–185 m. WC, EC
- rosea** (L.) Eckl. var. **communis** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 200–1000 m. WC
- rosea** (L.) Eckl. var. **elegans** (Klatt) Bég.
Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 100–185 m. WC
- rosea** (L.) Eckl. var. **reflexa** (Eckl.) Bég.
Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 45–2135 m. WC
- rosea** (L.) Eckl. var. **rosea**
Perennial. Herb, geophyte. Ht 0.1–0.22 m. Alt 30–460 m. WC
- rupestris** J.C.Manning & Goldblatt
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 1000–1200 m. NC
- sabulosa** Schltr. ex Bég.
Perennial. Herb, geophyte. Ht 0.12–0.4 m. Alt 800–820 m. NC
- saldanhensis** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.2–0.6 m. Alt 50–100 m. WC
- sanguinalis** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt ± 800 m. NC
- saxatilis** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 1000–1500 m. WC
- schlechteri** Bég.
R. papyracea Wolley-Dod (10)
Perennial. Herb, geophyte. Ht 0.05–0.2 m. Alt 100–762 m. WC
- setifolia** N.E.Br. var. **aggregata** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.05–0.25 m. Alt 100–680 m. NC, WC
- setifolia** N.E.Br. var. **belviderica** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.05–0.25 m. Alt 100–200 m. WC
- setifolia** N.E.Br. var. **ceresiana** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.05–0.25 m. Alt ± 1000 m. WC
- setifolia** N.E.Br. var. **setifolia**
Perennial. Herb, geophyte. Ht 0.05–0.25 m. Alt 100–1500 m. NC, WC, EC
- similis* Eckl. ex Baker = **R. flava** var. **viridiflora**
- sinispinosensis** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.01–0.2 m. Alt 10–100 m. WC
- sladenii** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.07–0.3 m. Alt ± 800 m. WC
- sphaerocarpa** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 1000–1200 m. WC
- spiralis* (Burch.) Baker = **Geissorhiza spiralis**
- stellata** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt ± 800 m. WC
- subfistulosa** M.P.de Vos
R. vanzyliae M.P.de Vos (10)
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt 1200–1500 m. NC
- sulphurea** Bég.
Perennial. Herb, geophyte. Ht 0.05–0.15 m. Alt 700–800 m. WC
- syringodeoflora** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.12–0.2 m. Alt 1500–1585 m. NC
- tabularis** Eckl. ex Bég.
Perennial. Herb, geophyte. Ht 0.01–0.4 m. Alt 60–1005 m. NC, WC
- tetragona** M.P.de Vos var. **flavandra** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 1000–1578 m. NC, WC
- tetragona** M.P.de Vos var. **tetragona**
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 800–1500 m. NC, WC
- thodei* Schltr. = **R. camerooniana**
- thodei* Schltr. subsp. **gigantea** M.P.de Vos = **R. camerooniana**
- tortilis** Baker var. **dissecta** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.06–0.12 m. Alt ± 700 m. WC
- tortilis** Baker var. **tortilis**
Perennial. Herb, geophyte. Ht 0.06–0.12 m. Alt 200–500 m. WC
- tortuosa** (Licht. ex Roem. & Schult.) Baker subsp. **aurea** (Klatt) M.P.de Vos
Perennial. Herb, geophyte. Ht 0.05–0.25 m. Alt 820–1500 m. NC

tortuosa (Licht. ex Roem. & Schult.) Baker subsp. **depau-
perata** M.P.de Vos
Perennial. Herb, geophyte. Ht 0.05–0.25 m. Alt 800–1366
m. WC

tortuosa (Licht. ex Roem. & Schult.) Baker subsp. **tortuosa**
Perennial. Herb, geophyte. Ht 0.05–0.25 m. Alt 820–1500
m. NC, WC

toximontana M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt ± 800 m.
NC, WC

triflora (Burm.f.) N.E.Br.
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 30–600 m.
WC

unifolia M.P.de Vos
Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 1000–1500
m. NC

vanzyliae M.P.de Vos = **R. subfistulosa**

vinacea M.P.de Vos
Perennial. Herb, geophyte. Ht 0.07–0.25 m. Alt ± 800 m.
WC

viridibracteata M.P.de Vos
Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt ± 800 m. NC,
WC

vlokii M.P.de Vos
Perennial. Herb, geophyte. Ht 0.25–0.35 m. Alt ± 1200 m.
WC

SCHIZOSTYLIS Backh. & Harv. 1299000

coccinea Backh. & Harv. = **Hesperantha coccinea**

pauciflora Klatt = **Hesperantha coccinea**

SESSILISTIGMA Goldblatt 1277040

radians Goldblatt = **Moraea radians**

SPARAXIS Ker Gawl. 1307000

- (1) Baker. 1896. *FC* 6: 86, 115–117, 134, 135.
- (2) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 60.
- (3) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 97.
- (4) Phillips. 1925. *The Flowering Plants of South Africa* 5: t. 162.
- (5) Phillips. 1928. *The Flowering Plants of South Africa* 8: t. 320.
- (6) Brown. 1929. *Kew Bulletin* 1929: 129–139.
- (7) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 338.
- (8) Bolus. 1932. *South African Gardening and Country Life* 22: 57, 275, 276.
- (9) Lewis. 1956. *Annals of the South African Museum* 40: 137–151.
- (10) Goldblatt. 1969. *Journal of South African Botany* 35: 219–252.
- (11) Goldblatt. 1992. *Annals of the Missouri Botanical Garden* 79: 143–159.
- (12) Goldblatt & Manning. 1999. *Bothalia* 29: 59–63.
- (13) Goldblatt. 1999. In De Vos & Goldblatt, *FSA* 7.2, Fasc. 1: 151–169.

albiflora Eckl. = **S. bulbifera**

atropurpurea Klatt: 389 (1882), illegitimate name, superfluous
pro *I. holosericea* Jacq. = **S. grandiflora** subsp. **grandi-
flora**

auriculata Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt ± 800 m.
WC

bicolor (Thunb.) Ker Gawl. = **S. villosa**

bulbifera (L.) Ker Gawl.
Belamcanda bulbifera (L.) Moench (10)
Ixia bulbifera L. (1)
S. albiflora Eckl. (10)

Perennial. Herb, geophyte. Ht 0.15–0.5 m. Alt 120–245 m.
WC

bulbifera (L.) Ker Gawl. var. **violacea** (Eckl.) Baker in
sense of Baker = **S. grandiflora** subsp. **violacea**

cana Eckl. = **S. grandiflora** subsp. **violacea**
caryophyllacea Goldblatt

Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt? WC

cuprea (Sweet) Klatt = **S. elegans**

elegans (Sweet) Goldblatt

- S. cuprea* (Sweet) Klatt (10)
Streptanthera cuprea Sweet (10)
Streptanthera cuprea Sweet var. *non-picta* L.Bolus (10)
Streptanthera elegans Sweet (10)

Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 700–765 m.
NC

fimbriata (Lam.) Ker Gawl. = **S. grandiflora** subsp. **fimbriata**

fragrans (Jacq.) Ker Gawl.

- Gladiolus odoratus* Schrank, illegitimate name (10)
Ixia fragrans Jacq. (10)
Ixia sordida Hornem. (10)

Perennial. Herb, geophyte. Ht 0.07–0.3 m. Alt ?–460 m.
WC

galeata Ker Gawl.

- Gladiolus galeatus* Jacq. (11)
Synnotia bicolor Pole Evans, not of (Thunb.) Sweet (11)
Synnotia galeata (Ker Gawl.) Sweet (11)

Perennial. Herb, geophyte. Ht 0.12–0.35 m. Alt 140–155 m.
WC

grandiflora (D.Delaroche) Ker Gawl. subsp. **acutiloba**
Goldblatt

- Ixia monanthos* D.Delaroche (10)
S. lutea Eckl. (10)
S. monanthos (D.Delaroche) N.E.Br. (10)

Perennial. Herb, geophyte. Ht 0.08–0.3 m. Alt 151–460 m.
WC

grandiflora (D.Delaroche) Ker Gawl. subsp. **fimbriata**
(Lam.) Goldblatt

- Ixia fimbriata* Lam. (10)
Ixia liliago DC. (10)
S. fimbriata (Lam.) Ker Gawl. (10)
S. grandiflora (D.Delaroche) Ker Gawl. var. *liliago* (DC.) Ker Gawl. (10)
S. grandiflora (D.Delaroche) Ker Gawl. var. *striata* Sweet (10)
S. liliago (DC.) Sweet (10)

Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt ?–155 m. WC

grandiflora (D.Delaroche) Ker Gawl. subsp. **grandiflora**

- Ixia aristata* Thunb. var. *atropurpurea* Andrews (10)
Ixia grandiflora D.Delaroche (10)
Ixia holosericea Jacq. (10)
Ixia uniflora L. (10)
S. atropurpurea Klatt: 389 (1882), illegitimate name, superfluous pro
I. holosericea Jacq. (10)

Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt ?–1524 m.
WC

grandiflora (D.Delaroche) Ker Gawl. subsp. **violacea** (Eckl.)
Goldblatt

- S. bulbifera* (L.) Ker Gawl. var. *violacea* (Eckl.) Baker, in sense of Baker (10)
S. cana Eckl. (10)
S. violaceae Eckl. (10)

Perennial. Herb, geophyte. Ht 0.08–0.2 m. Alt 400–610 m.
WC

grandiflora (D.Delaroche) Ker Gawl. var. **liliago** (DC.) Ker
Gawl. = **S. grandiflora** subsp. **fimbriata**

grandiflora (D.Delaroche) Ker Gawl. var. **striata** Sweet
= **S. grandiflora** subsp. **fimbriata**

liliago (DC.) Sweet = **S. grandiflora** subsp. **fimbriata**

lutea Eckl. = **S. grandiflora** subsp. **acutiloba**

maculosa Goldblatt

Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt? WC

metelerkampiae (L.Bolus) Goldblatt & J.C.Manning
S. variegata (Sweet) Goldblatt subsp. *metelerkampiae* (L.Bolus) Goldblatt (11)
Synnotia metelerkampiae L.Bolus (11)
Synnotia variegata Sweet var. *metelerkampiae* (L.Bolus) G.J.Lewis (11)
 Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? NC, WC

monanthos (D.Delaroche) N.E.Br. = ***S. grandiflora*** subsp. ***acutiloba***

orchidiflora Lodd. = ***S. variegata***

parviflora (G.J.Lewis) Goldblatt
Synnotia parviflora G.J.Lewis (11)
 Perennial. Herb, geophyte. Ht 0.12–0.2 m. Alt?–45 m. WC

pillansii L.Bolus
 Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt?–1000 m. NC

roxburghii (Baker) Goldblatt
Synnotia roxburghii (Baker) G.J.Lewis (10)
 Perennial. Herb, geophyte. Ht 0.2–0.35 m. Alt? WC

tricolor (Schneev.) Ker Gawl.
Ixia tricolor Schneev. (9)
Streptanthera tricolor (Schneev.) Klatt (9)
 Perennial. Herb, geophyte. Ht 0.1–0.25 m. Alt? NC

variegata (Sweet) Goldblatt
S. orchidiflora Lodd. (9)
S. walthamii Hort (11)
S. wattii Harv. (11)
Synnotia variegata Sweet var. *variegata* (11)
 Perennial. Herb, geophyte. Ht 0.1–0.18 m. Alt? WC

variegata (Sweet) Goldblatt subsp. *metelerkampiae* (L.Bolus) Goldblatt = ***S. metelerkampiae***

villosa (Burm.f.) Goldblatt
Gladiolus bicolor Thunb. (11)
Gladiolus villosus Burm.f. (11)
S. bicolor (Thunb.) Ker Gawl. (11)
Synnotia bicolor (Thunb.) Sweet (11)
Synnotia villosa (Burm.f.) N.E.Br. (11)
 Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 150–610 m. WC

violaceae Eckl. = ***S. grandiflora*** subsp. ***violacea***

walthamii Hort = ***S. variegata***

wattii Harv. = ***S. variegata***

STREPTANTHERA Sweet 1304000

cuprea Sweet = ***Sparaxis elegans***

cuprea Sweet var. *non-picta* L.Bolus = ***Sparaxis elegans***

elegans Sweet = ***Sparaxis elegans***

tricolor (Schneev.) Klatt = ***Sparaxis tricolor***

SYNNOTIA Sweet 1309000

bicolor Pole Evans, not of (Thunb.) Sweet = ***Sparaxis galeata***

bicolor (Thunb.) Sweet = ***Sparaxis villosa***

galeata (Ker Gawl.) Sweet = ***Sparaxis galeata***

metelerkampiae L.Bolus = ***Sparaxis metelerkampiae***

parviflora G.J.Lewis = ***Sparaxis parviflora***

roxburghii (Baker) G.J.Lewis = ***Sparaxis roxburghii***

variegata Sweet var. *metelerkampiae* (L.Bolus) G.J.Lewis = ***Sparaxis metelerkampiae***

variegata Sweet var. *variegata* = ***Sparaxis variegata***

villosa (Burm.f.) N.E.Br. = ***Sparaxis villosa***

SYRINGODEA Hook.f. 1260000

(1) Phillips. 1917. *Annals of the South African Museum* 9: 125, 126.
 (2) Lewis. 1934. *The Flowering Plants of South Africa* 14: t. 547.
 (3) Goldblatt. 1971. *The Flowering Plants of Africa* 41: t. 1638.
 (4) De Vos. 1974. *Journal of South African Botany* 40: 201–254.
 (5) De Vos. 1983. *FSA* 7,2, Fasc. 2: 1–9.

bicolor Baker = ***S. bifucata***

bifucata M.P.de Vos
S. bicolor Baker (5)
 Perennial. Herb, geophyte. Ht 0.08–0.15 m. Alt?–1770 m. G, FS, EC

concolor (Baker) M.P.de Vos
 Perennial. Herb, geophyte. Ht 0.04–0.08 m. Alt 518–2560 m. EC

derustensis M.P.de Vos
 Perennial. Herb, geophyte. Ht 0.05–0.08 m. Alt?–500 m. WC

filifolia Baker = ***S. longituba*** var. ***longituba***

flanaganii Baker
 Perennial. Herb, geophyte. Ht 0.03–0.08 m. Alt?–730 m. EC

linifolia E.Phillips = ***Duthiastrum linifolium***

longituba (Klatt) Kuntze var. ***longituba***
S. filifolia Baker (4)
 Perennial. Herb, geophyte. Ht 0.04–0.06 m. Alt 90–765 m. NC, WC

longituba (Klatt) Kuntze var. ***violacea*** M.P.de Vos
 Perennial. Herb, geophyte. Ht 0.04–0.06 m. Alt 365–1110 m. WC

pulchella Hook.f.
 Perennial. Herb, geophyte. Ht 0.8–0.12 m. Alt? EC

saxatilis M.P.de Vos
 Perennial. Herb, geophyte. Ht 0.04–0.08 m. Alt? WC

unifolia Goldblatt
 Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt? NC, WC

THEREIANTHUS G.J.Lewis 1313010

(1) Lewis. 1941. *Journal of South African Botany* 7: 33–43.
 (2) Goldblatt. 1989. *Annals of Kirstenbosch Botanic Gardens* 19: 143.
 (3) Goldblatt & Manning. 2003. *Novon*. In press.

bracteolatus (Lam.) G.J.Lewis
 Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 60–765 m. WC

ixioides G.J.Lewis
 Perennial. Herb, geophyte. Ht 0.25–0.45 m. Alt?–914 m. WC

juncifolius (Baker) G.J.Lewis
 Perennial. Herb, geophyte. Ht 0.25–0.35 m. Alt 280–1585 m. WC

lapeyrousioides (Baker) G.J.Lewis var. *elatior* G.J.Lewis = ***T. minutus***

lapeyrousioides (Baker) G.J.Lewis var. *lapeyrousioides* = ***T. minutus***

longicollis (Schltr.) G.J.Lewis
 Perennial. Herb, geophyte. Ht 0.18–0.3 m. Alt?–365 m. WC

minutus (Klatt) G.J.Lewis
T. lapeyrousioides (Baker) G.J.Lewis var. *elatior* G.J.Lewis (3)
T. lapeyrousioides (Baker) G.J.Lewis var. *lapeyrousioides* (2)
 Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 520–1300 m. WC

racemosus (Klatt) G.J.Lewis

Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt? WC

spicatus (L.) G.J.Lewis var. **linearifolius** G.J.Lewis

Perennial. Herb, geophyte. Ht 0.18–0.3 m. Alt ?–610 m. WC

spicatus (L.) G.J.Lewis var. **spicatus**

Perennial. Herb, geophyte. Ht 0.18–0.3 m. Alt 45–610 m. WC

TRITONIA Ker Gawl. 1306000

- (1) Phillips. 1923. *The Flowering Plants of South Africa* 3: t. 94.
- (2) Verdoorn. 1959. *The Flowering Plants of Africa* 33: t. 1315.
- (3) Goldblatt & Collett. 1972. *The Flowering Plants of Africa* 42: tt. 1655, 1656.
- (4) De Vos. 1982. *Journal of South African Botany* 48: 105–163.
- (5) De Vos. 1983. *Journal of South African Botany* 49: 347–422.
- (6) De Vos. 1999. In De Vos & Goldblatt, *FSA* 7,2, Fasc. 1: 89–128.

atrорubens (N.E.Br.) L.Bolus

Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 305–305 m. EC

aurea Pappe ex Hook. = **Crocoshmia aurea** var. **aurea****bakeri** Klatt subsp. **bakeri**

Perennial. Herb, geophyte. Ht 0.4–0.7 m. Alt 245–1158 m. WC

bakeri Klatt subsp. **lilacina** (L.Bolus) M.P.de Vos

Perennial. Herb, geophyte. Ht 0.4–0.7 m. Alt? WC, EC

chrysantha Fourc.

Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt ?–1005 m. EC

coccinea L.Bolus = **T. disticha** subsp. **disticha****cooperi** (Baker) Klatt subsp. **cooperi**

Perennial. Herb, geophyte. Ht ± 0.3 m. Alt 100–460 m. WC

cooperi (Baker) Klatt subsp. **quadrialata** M.P.de Vos

Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt ?–200 m. WC

crispa (L.f.) Ker Gawl. var. **crispa**

Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 15–915 m. NC, WC

crispa (L.f.) Ker Gawl. var. **parviflora** Baker

Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? WC

crocata in sense of Baker = **T. deusta** subsp. **miniata***crocata* in sense of Baker var. **miniata** (Jacq.) Baker = **T. deusta** subsp. **miniata****crocata** (L.) Ker Gawl.*Gladiolus crocatus* (L.) Pers. (6)*Ixia crocata* L. (6)*Ixia fenestrata* Jacq. (6)*Ixia hyalina* L.f. (6)*Ixia iridifolia* D.Delaroche (6)*Ixia planifolia* Mill. ex Roem. & Schult. (6)*T. fenestrata* (Jacq.) Ker Gawl. (6)*T. hyalina* Baker (4)*T. sanguinea* Eckl. (6)*Tritonixia crocata* (L.) Klatt (6)*Tritonixia hyalina* (L.f.) Klatt (6)

Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt 90–610 m. WC, EC

delpierrei M.P.de Vos = **T. marlothii** subsp. **delpierrei****deusta** (Aiton) Ker Gawl. subsp. **deusta***Ixia crocata* L. var. *a* Thunb. (6)*Ixia crocata* L. var. *nigromaculata* Andrews (6)*Ixia deusta* Aiton (6)*Ixia gibba* Salisb., superfluous name (6)*Ixia miniata* DC. var. *nigromaculata* DC. (6)*Tritonixia coccinea* Eckl. (6)*Tritonixia deusta* (Aiton) Klatt (6)

Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt 90–200 m. WC

deusta (Aiton) Ker Gawl. subsp. **miniata** (Jacq.) M.P.de Vos*Ixia miniata* Jacq. (6)*T. miniata* (Jacq.) Ker Gawl. (6)*Tritonixia miniata* (Jacq.) Klatt (6)

Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt 15–380 m. WC

disticha (Klatt) Baker subsp. **disticha***T. coccinea* L.Bolus (5)

Perennial. Herb, geophyte. Ht 0.5–0.8 m. Alt 30–230 m. KZN, EC

disticha (Klatt) Baker subsp. **rubrolucens** (R.C.Foster)

M.P.de Vos

T. rubrolucens R.C.Foster (5)

Perennial. Herb, geophyte. Ht 0.25–0.8 m. Alt 15–2285 m. M, S, FS, KZN, WC, EC

drakensbergensis M.P.de Vos

Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt ?–2317 m. EC

dubia Eckl. ex Klatt

Perennial. Herb, geophyte. Ht 0.12–0.25 m. Alt 5–1400 m. EC

fenestrata (Jacq.) Ker Gawl. = **T. crocata****flabellifolia** (D.Delaroche) G.J.Lewis var. **flabellifolia**

Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt ?–50 m. WC

flabellifolia (D.Delaroche) G.J.Lewis var. **major** (Ker

Gawl.) M.P.de Vos

Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt 100–235 m. WC

flabellifolia (D.Delaroche) G.J.Lewis var. **thomasiae**

M.P.de Vos

Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt? WC

flava in sense of Baker, not of (Aiton) Ker Gawl. = **T. karoocica***flavida* Schltr. = **T. lineata** var. **lineata****florentiae** (Marloth) Goldblatt*Montbretiopsis florentiae* (Marloth) L.Bolus (5)

Perennial. Herb, geophyte. Ht 0.07–0.12 m. Alt ?–885 m. NC, WC

fucata Herb. = **Crocoshmia fucata***hyalina* Baker = **T. crocata****kamisbergensis** Klatt

Perennial. Herb, geophyte. Ht 0.5–0.7 m. Alt? NC

karoocica M.P.de Vos*T. flava* in sense of Baker, not of (Aiton) Ker Gawl. (5)

Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 910–1130 m. NC, WC

kraussii Baker = **T. lineata** var. **lineata****lancea** (Thunb.) N.E.Br.

Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt? WC

laxifolia Benth. ex Baker

Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 50–1670 m. EC

lineata (Salisb.) Ker Gawl. var. **lineata***T. flavida* Schltr. (5)*T. kraussii* Baker (5)

Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt 20–2425 m. M, FS, KZN, L, WC, EC

lineata (Salisb.) Ker Gawl. var. **parvifolia** M.P.de Vos

Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt 45–305 m. EC

marlothii M.P.de Vos subsp. **marlothii**

Perennial. Herb, geophyte. Ht 0.25–0.35 m. Alt 600–860 m.
NC

marlothii subsp. **delpierrei** (M.P.de Vos) M.P.de Vos
T. delpierrei M.P.de Vos (6)

Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 600–860 m.
NC

masonorum L.Bolus = **Crocoshia masonorum***mathewsiana* L.Bolus = **Crocoshia mathewsiana***miniata* (Jacq.) Ker Gawl. = **T. deusta** subsp. **miniata****nelsonii** Baker

Perennial. Herb, geophyte. Ht 0.3–1.21 m. Alt 425–2266 m.
B, LIM, G, M

pallida Ker Gawl. subsp. **pallida**

Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 365–759 m.
WC

pallida Ker Gawl. subsp. **taylorae** (L.Bolus) M.P.de Vos
T. taylorae L.Bolus (5)

Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt ?–549 m.
WC

parvula N.E.Br.

Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt ?–457 m.
WC, EC

pottsii (Macnab ex Baker) Baker = **Crocoshia pottsii***rubrolicens* R.C.Foster = **T. disticha** subsp. **rubrolicens***sanguinea* Eckl. = **T. crocata****securigera** (Aiton) Ker Gawl.

Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 305–667 m.
WC, EC

squalida (Aiton) Ker Gawl.

Ixia hyalina in sense of DC. (6)

Ixia squalida Aiton var. *patula* Aiton (6)

Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt 155–185 m.
WC

strictifolia (Klatt) Benth. ex Klatt

Perennial. Herb, geophyte. Ht 0.15–0.2 m. Alt 30–701 m.
EC

taylorae L.Bolus = **T. pallida** subsp. **taylorae***teretifolia* Baker = **Gladiolus inandensis****tugwelliae** L.Bolus

Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt ?–600 m.
WC

ventricosa Baker = **Gladiolus brevitubus****watermeyerii** L.Bolus

Perennial. Herb, geophyte. Ht 0.2–0.3 m. Alt? WC

wilsonii Baker = **Gladiolus wilsonii****TRITONIOPSIS** L.Bolus 1312010

- (1) Phillips. 1929. *The Flowering Plants of South Africa* 9: t. 359.
- (2) Lewis. 1934. *The Flowering Plants of South Africa* 14: t. 549.
- (3) Lewis. 1959. *Journal of South African Botany* 25: 319–355.
- (4) Lewis. 1960. *Journal of South African Botany* 26: 51–72.
- (5) Obermeyer. 1962. *The Flowering Plants of Africa* 35: t. 1400.
- (6) Goldblatt. 1990. *South African Journal of Botany* 56: 577–582.
- (7) Goldblatt. 1991. *South African Journal of Botany* 57: 226.
- (8) Wijnands & Goldblatt. 1992. *Candollea* 47: 357–366.
- (9) Goldblatt & Manning. 2000. *Strelitzia* 9: 714.
- (10) Manning & Goldblatt. 2001. *Bothalia* 31: 175–181.

antholyza (Poir.) Goldblatt

Anapalina longituba Fourc. (10)

Anapalina nervosa (Thunb.) G.J.Lewis (7)

T. longituba (Fourc.) Goldblatt (10)

Perennial. Herb, geophyte. Ht 0.35–0.9 m. Alt 21–1219 m.
NC, WC, EC

apiculata (F.Bolus) G.J.Lewis var. *apiculata* = **T. revoluta***apiculata* (F.Bolus) G.J.Lewis var. *minor* G.J.Lewis = **T. revoluta****bicolor** J.C.Manning & Goldblatt

Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt? WC

burchellii (N.E.Br.) Goldblatt

Anapalina burchellii (N.E.Br.) N.E.Br. (6)

Perennial. Herb, geophyte. Ht 0.01–0.72 m. Alt 106–280 m.
WC

caffra (Ker Gawl. ex Baker) Goldblatt

Anapalina caffra (Ker Gawl. ex Baker) G.J.Lewis (6)

Chasmanthe caffra (Baker) N.E.Br. (6)

Petamenes caffra (Baker) E.Phillips (6)

Perennial. Herb, geophyte. Ht 0.2–0.8 m. Alt 15–1090 m.
WC, EC

caledonensis (R.C.Foster) G.J.Lewis

Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt? WC

dodii (G.J.Lewis) G.J.Lewis

Hebea dodii G.J.Lewis (3)

Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt 85–1249 m.
WC

elongata (L.Bolus) G.J.Lewis

Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–457 m. WC

flava J.C.Manning & Goldblatt

Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt? WC

flexuosa (L.f.) G.J.Lewis

Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt ?–285 m.
WC

intermedia (Baker) Goldblatt

Anapalina intermedia (Baker) G.J.Lewis (6)

Chasmanthe intermedia (Baker) N.E.Br. (6)

Petamenes intermedia (Baker) E.Phillips (6)

Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–731 m. WC,
EC

lata (L.Bolus) G.J.Lewis var. **lata**

Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 85–1145 m.
WC

lata (L.Bolus) G.J.Lewis var. **longibracteata** (L.Bolus)
G.J.Lewis

Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–765 m. WC

latifolia G.J.Lewis

Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt? WC

lesliei L.Bolus

Perennial. Herb, geophyte. Ht 0.35–0.65 m. Alt? WC

longituba (Fourc.) Goldblatt = **T. antholyza****nemorosa** (E.Mey. ex Klatt) G.J.Lewis

Perennial. Herb, geophyte. Ht 0.6–1.5 m. Alt ?–230 m. WC

nervosa (Baker) G.J.Lewis

Perennial. Herb, geophyte. Ht 0.5–1 m. Alt 610–1310 m.
WC

parviflora (Jacq.) G.J.Lewis var. **angusta** (L.Bolus) G.J.Lewis

Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt? WC

parviflora (Jacq.) G.J.Lewis var. **parviflora**

Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 15–1065 m.
WC

pulchella G.J.Lewis var. **alpina** G.J.Lewis

Perennial. Herb, geophyte. Ht 0.3–0.4 m. Alt? WC

pulchella G.J.Lewis var. **pulchella**

Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt 914–1219 m.
WC

pulchra (Baker) Goldblatt

Anapalina pulchra (Baker) N.E.Br. (6)
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 155–825 m.
WC

ramosa (Eckl. ex Klatt) G.J.Lewis var. **ramosa**

Perennial. Herb, geophyte. Ht 0.15–0.5 m. Alt 90–1340 m.
WC, EC

ramosa (Eckl. ex Klatt) G.J.Lewis var. **robusta** G.J.Lewis

Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt? WC

ramosa (Eckl. ex Klatt) G.J.Lewis var. **unguiculata** (Baker) G.J.Lewis

Perennial. Herb, geophyte. Ht up to 0.5 m. Alt ?–305 m. WC

revoluta (Burm.f.) Goldblatt

Antholyza revoluta Burm. (8)
T. apiculata (F.Bolus) G.J.Lewis var. *apiculata* (8)
T. apiculata (F.Bolus) G.J.Lewis var. *minor* G.J.Lewis (8)
Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt 365–1200 m.
WC

toximontana J.C.Manning & Goldblatt

Perennial. Herb, geophyte. Ht 0.3–0.65 m. Alt? WC

triticea (Burm.f.) Goldblatt

Anapalina triticea (Burm.f.) N.E.Br. (6)
Antholyza lucidor Baker (4)
Perennial. Herb, geophyte. Ht 0.5–0.8 m. Alt 15–1000 m.
WC

unguicularis (Lam.) G.J.Lewis

Perennial. Herb, geophyte. Ht 0.23–0.5 m. Alt 365–915 m.
WC

williamsiana Goldblatt

Perennial. Herb, geophyte. Ht 0.5–0.7 m. Alt ± 20 m. WC

TRITONIXIA Klatt 1306110

coccinea Eckl. = **Tritonia deusta** subsp. **deusta**

crocata (L.) Klatt = **Tritonia crocata**

deusta (Aiton) Klatt = **Tritonia deusta** subsp. **deusta**

hyalina (L.f.) Klatt = **Tritonia crocata**

miniata (Jacq.) Klatt = **Tritonia deusta** subsp. **miniata**

VIEUSSEUXIA D.Delaroche 1265040

angustifolia Eckl., naked name = **Moraea gawleri**

bituminosa (L.f.) Eckl. = **Moraea bituminosa**

brehmii Eckl., naked name = **Moraea gawleri**

edulis (L.f.) Link = **Moraea fugax** subsp. **fugax**

freuchenia (Eckl.) Steud., invalid name = **Moraea ramosissima**

fugax D.Delaroche = **Moraea fugax** subsp. **fugax**

geniculata Eckl., naked name = **Moraea lugubris**

graminifolia Eckl. = **Moraea vegeta**

intermedia Eckl., naked name = **Moraea papilionacea**

nervosa Eckl., naked name = **Moraea papilionacea**

pulchra Eckl. = **Moraea tripetala**

rivularis Eckl., naked name = **Moraea vegeta**

tripetala (L.f.) Klatt = **Moraea tripetala**

tripetaloides DC., illegitimate name = **Moraea tripetala**

viscaria (L.f.) Eckl. = **Moraea viscaria**

WATSONIA Mill.

1315000

- (1) Phillips. 1922. *The Flowering Plants of South Africa* 2: t. 45.
- (2) Phillips. 1926. *The Flowering Plants of South Africa* 6: tt. 235, 238.
- (3) Phillips. 1928. *The Flowering Plants of South Africa* 8: t. 296.
- (4) Lewis. 1938. *The Flowering Plants of South Africa* 18: t. 689.
- (5) Bolus. 1939. *The Flowering Plants of South Africa* 19: tt. 748–750.
- (6) Lewis. 1939. *The Flowering Plants of South Africa* 19: tt. 726, 741–747.
- (7) Bolus. 1945. *The Flowering Plants of Africa* 25: tt. 973, 974, 983.
- (8) Verdoorn. 1959. *The Flowering Plants of Africa* 33: tt. 1293, 1294.
- (9) Obermeyer. 1962. *Bothalia* 8: 115, 116.
- (10) Marais. 1980. *Kew Bulletin* 35: 172.
- (11) Roux. 1980. *Journal of South African Botany* 46: 365–378.
- (12) Goldblatt. 1987. *Annals of the Missouri Botanical Garden* 74: 570–572.
- (13) Goldblatt. 1989. *Annals of Kirstenbosch Botanic Gardens* 19: 1–148.
- (14) Goldblatt. 1991. *South African Journal of Botany* 57: 226.
- (15) Cooke. 1998. *Journal of the Adelaide Botanic Gardens* 18: 5–7.

albertiniensis P.E.Glover = **W. laccata**

aletroides (Burm.f.) Ker Gawl.

Perennial. Herb, geophyte. Ht 0.3–0.45 m. Alt 8–915 m.
WC

alpina G.J.Lewis = **W. strubeniae**

amabilis Goldblatt

Perennial. Herb, geophyte. Ht 0.15–0.5 m. Alt? WC

amatolae Goldblatt

Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt ?–1494 m.
EC

angusta Ker Gawl.

Perennial. Herb, geophyte. Ht 0.8–1.2 m. Alt 15–1525 m.
KZN, WC, EC

archbelliae L.Bolus = **W. pillansii**

ardernei J.W.Mathews & L.Bolus = **W. borbonica** subsp. **ardernei**

bachmannii L.Bolus

Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt ?–200 m.
KZN, EC

baurii L.Bolus = **W. gladioloides**

beatricis J.W.Mathews & L.Bolus = **W. pillansii**

bella N.E.Br. ex Goldblatt

Perennial. Herb, geophyte. Ht 0.45–0.6 m. Alt ?–2250 m.
M, S

borbonica (Pourr.) Goldblatt subsp. **ardernei** (Sander) Goldblatt

W. ardernei J.W.Mathews & L.Bolus (13)

W. obrienii (N.E.Br.) Tubergen (13)

Perennial. Herb, geophyte. Ht 0.5–2 m. Alt? WC

borbonica (Pourr.) Goldblatt subsp. **borbonica**

W. cooperi (Baker) L.Bolus (13)

W. pyramidata (Andrews) Stapf (12)

Perennial. Herb, geophyte. Ht 0.5–2 m. Alt 15–1219 m. WC

brevifolia Ker Gawl. = **W. laccata**

bulbillifera J.W.Mathews & L.Bolus = **W. meriana** var. **bulbillifera**

caledonica Baker = **W. laccata**

canaliculata Goldblatt

Perennial. Herb, geophyte. Ht 0.3–0.45 m. Alt? KZN

coccinea Herb. ex Baker

Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 45–765 m.
WC

comptonii L.Bolus = **W. zeyheri**

confusa Goldblatt

Perennial. Herb, geophyte. Ht 0.5–1.5 m. Alt ?–1935 m.
KZN, EC

- cooperi* (Baker) L.Bolus = **W. borbonica** subsp. **borbonica**
densiflora Baker
W. neglecta N.E.Br. (13)
W. plantii N.E.Br. (13)
 Perennial. Herb, geophyte. Ht 0.6–1.5 m. Alt 30–2042 m.
 KZN, EC
- desmidtii* L.Bolus = **W. wilmaniae**
distans L.Bolus
W. pauciflora L.Bolus (13)
 Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 180–915 m.
 WC
- dubia** Eckl. ex Klatt
 Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt ?–305 m. WC
- ecklonii* L.Bolus = **W. versfeldii**
elimensis L.Bolus = **W. zeyheri**
elsiae Goldblatt
 Perennial. Herb, geophyte. Ht 0.4–0.65 m. Alt? WC
- emiliae** L.Bolus
 Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt? WC
- fergusoniae** L.Bolus
 Perennial. Herb, geophyte. Ht 0.4–0.8 m. Alt ?–170 m. WC
- flavida* L.Bolus = **W. watsonioides**
fourcadei J.W.Mathews & L.Bolus
W. ryderae L.Bolus (11)
W. stanfordiae L.Bolus (13)
W. stohrii L.Bolus (13)
 Perennial. Herb, geophyte. Ht 0.9–1.8 m. Alt 21–1200 m.
 WC, EC
- galpinii** L.Bolus
 Perennial. Herb, geophyte. Ht 0.8–1.5 m. Alt? WC, EC
- gladioloides** Schltr.
W. baurii L.Bolus (13)
 Perennial. Herb, geophyte. Ht 0.35–0.7 m. Alt ?–2700 m.
 KZN, L, EC
- humilis** Mill.
W. roseoalba Ker Gawl. (13)
 Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 45–120 m.
 WC
- hysterantha** J.W.Mathews & L.Bolus
 Perennial. Herb, geophyte. Ht 0.5–0.8 m. Alt? WC
- inclinata** Goldblatt
 Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt? KZN
- knysnana** L.Bolus
 Perennial. Herb, geophyte. Ht 1.2–1.6 m. Alt 50–1067 m.
 WC, EC
- laccata** (Jacq.) Ker Gawl.
W. albertiniensis P.E.Glover (13)
W. brevifolia Ker Gawl. (13)
W. caledonica Baker (13)
W. muirii E.Phillips (13)
 Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt 60–765 m.
 WC, EC
- latifolia** N.E.Br. ex Oberm.
 Perennial. Herb, geophyte. Ht 0.7–1.5 m. Alt 641–1950 m.
 M, S, KZN
- leipoldtii* L.Bolus = **W. meriana** var. **meriana**
lepida N.E.Br.
 Perennial. Herb, geophyte. Ht 0.25–0.7 m. Alt ?–2450 m.
 FS, KZN, L
- marginata** (L.f.) Ker Gawl.
 Perennial. Herb, geophyte. Ht 0.5–2 m. Alt 215–914 m.
 NC, WC
- marlothii** L.Bolus
 Perennial. Herb, geophyte. Ht 0.5–1.2 m. Alt ?–2000 m.
 WC
- masoniae* L.Bolus = **W. pillansii**
meriana (L.) Mill. var. **bulbillifera** (J.W.Mathews & L.Bolus)
 D.A.Cooke
W. bulbillifera J.W.Mathews & L.Bolus (15)
 Perennial. Herb, geophyte. Ht 0.8–2 m. Alt? WC
- meriana** (L.) Mill. var. **meriana**
W. leipoldtii L.Bolus (13)
W. vivipara J.W.Mathews & L.Bolus (13)
 Perennial. Herb, geophyte. Ht 0.5–2 m. Alt 60–1219 m.
 NC, WC
- middlemostii* L.Bolus = **W. rogersii**
minima Goldblatt
 Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt ?–975 m. WC
- mtamvunae** Goldblatt
 Perennial. Herb, geophyte. Ht 0.3–0.45 m. Alt ?–365 m.
 KZN, EC
- muirii* E.Phillips = **W. laccata**
natalensis Eckl. = **Gladiolus dalenii** subsp. **dalenii**
neglecta N.E.Br. = **W. densiflora**
obrienii (N.E.Br.) Tubergen = **W. borbonica** subsp. **ardernei**
occulta L.Bolus
 Perennial. Herb, geophyte. Ht 0.18–0.4 m. Alt ?–2075 m.
 M, S
- pauciflora* L.Bolus = **W. distans**
paucifolia Goldblatt
 Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 600–1676 m.
 WC
- pillansii** L.Bolus
W. archbelliae L.Bolus (13)
W. beatricis J.W.Mathews & L.Bolus (13)
W. masoniae L.Bolus (13)
W. priorii L.Bolus (13)
W. socium J.W.Mathews & L.Bolus (13)
 Perennial. Herb, geophyte. Ht 0.45–1.2 m. Alt 15–2300 m.
 KZN, WC, EC
- plantii* N.E.Br. = **W. densiflora**
pondoensis Goldblatt
 Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt? EC
- praecox* (Andrews) Pers. = **Gladiolus watsonius**
priorii L.Bolus = **W. pillansii**
pulchra N.E.Br. ex Goldblatt
 Perennial. Herb, geophyte. Ht 0.6–1.2 m. Alt 915–2135 m. M, S, KZN
- pyramidata* (Andrews) Stapf = **W. borbonica** subsp. **borbonica**
revoluta Pers. = **Gladiolus watsonius**
rogersii L.Bolus
W. middlemostii L.Bolus (13)
 Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt? WC
- roseoalba* Ker Gawl. = **W. humilis**
rourkei Goldblatt
 Perennial. Herb, geophyte. Ht 1.5–2 m. Alt? NC
- ryderae* L.Bolus = **W. fourcadei**
schinzii L.Bolus = **W. schlechteri**
schlechteri L.Bolus
W. schinzii L.Bolus (13)

- Perennial. Herb, geophyte. Ht 0.4–1 m. Alt 60–1858 m.
WC
- socium* J.W.Mathews & L.Bolus = **W. pillansii**
- spectabilis** Schinz
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt 245–600 m.
NC, WC
- stanfordiae* L.Bolus = **W. fourcadei**
- starkeae* L.Bolus = **W. wilmaniae**
- stenosiphon** L.Bolus
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt 65–140 m.
WC
- stohrii* L.Bolus = **W. fourcadei**
- stokoei** L.Bolus
Perennial. Herb, geophyte. Ht 0.35–1 m. Alt 914–1518 m.
WC
- strictiflora** Ker Gawl.
Perennial. Herb, geophyte. Ht 0.25–0.45 m. Alt? WC
- strubeniae** L.Bolus
W. alpina G.J.Lewis (13)
W. transvaalensis Baker var. *drakensbergensis* L.Bolus (13)
Perennial. Herb, geophyte. Ht 0.6–1 m. Alt ?–2500 m.
LIM, M
- tabularis** J.W.Mathews & L.Bolus
Perennial. Herb, geophyte. Ht 1–1.5 m. Alt 130–1005 m.
WC
- transvaalensis** Baker
Perennial. Herb, geophyte. Ht 0.35–0.5 m. Alt ?–1980 m.
LIM
- transvaalensis* Baker var. *drakensbergensis* L.Bolus =
W. strubeniae
- vanderspuyiae** L.Bolus
Perennial. Herb, geophyte. Ht 1.2–2 m. Alt 960–1160 m.
WC
- versfeldii** J.W.Mathews & L.Bolus
W. ecklonii L.Bolus (13)

- Perennial. Herb, geophyte. Ht 1.2–2 m. Alt? WC
- vivipara* J.W.Mathews & L.Bolus = **W. meriana** var.
meriana
- watsonioides** (Baker) Oberm.
W. flavida L.Bolus (13)
Perennial. Herb, geophyte. Ht 0.5–1 m. Alt 853–1654 m.
M, S
- wilmaniae** J.W.Mathews & L.Bolus
W. desmidtii L.Bolus (13)
W. starkeae L.Bolus (13)
Perennial. Herb, geophyte. Ht 0.8–1.5 m. Alt ?–759 m. WC
- wilmsii** L.Bolus
Perennial. Herb, geophyte. Ht 0.45–0.75 m. Alt ?–2285 m.
M
- zeyheri** L.Bolus
W. comptonii L.Bolus (13)
W. elimensis L.Bolus (13)
Perennial. Herb, geophyte. Ht 0.3–0.8 m. Alt 30–755 m.
WC

WITSENIA Thunb. 1296000

- (1) Phillips. 1921. *The Flowering Plants of South Africa* 1: t. 34.
(2) Goldblatt. 1993. *The woody Iridaceae*: 1–139.

- maura** Thunb.
Perennial. Shrub. Ht 0.7–1.3 m. Alt 10–1128 m. WC

XENOSCAPA (Goldblatt) Goldblatt & J.C.Manning 1316020

- (1) Goldblatt & Manning. 1995. *Systematic Botany* 20: 161–178.

- fistulosa** (Spreng. ex Klatt) Goldblatt & J.C.Manning
Anomatheca fistulosa (Spreng. ex Klatt) Goldblatt (1)
Lapeirousia fistulosa (Spreng. ex Klatt) Baker (1)
Perennial. Herb, geophyte. Ht 0.3–0.15 m. Alt 200–1300 m.
N, NC, WC

- uliginosa** Goldblatt & J.C.Manning
Perennial. Herb, geophyte. Ht 0.03–0.06 m. Alt ± 1300
m. NC

JUNCACEAE

Compiled by R.P. Glen & C.D.K. Cook

JUNCUS L. 0936000

- (1) Baker. 1897. *FC* 7: 16–28.
(2) Adamson. 1935. *Journal of the Linnean Society, Botany* 50: 1–38.
(3) Obermeyer. 1985. *FSA* 4: 71–91.
(4) Hilliard & Burt. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 367, 368.
(5) Burt. 1988. *Notes from the Royal Botanic Garden Edinburgh* 45: 191.
(6) Snogerup. 1993. *Willdenowia* 23: 23–73.

acutissimus (Buchenau) Adamson = **J. inflexus**

acutus L. subsp. **leopoldii** (Parl.) Snogerup
Perennial. Herb, halophyte, helophyte. Ht 0.5–2 m. Alt
± 1–1300 m. FS, NC, WC, EC

anonymus Steud. = **J. capensis***apiculatus* Adamson = **J. capensis***arabicus* (Asch. & Buchenau) Adamson = **J. rigidus***atropurpureus* Adamson = **J. capensis***brevistilus* Buchenau = **J. oxycarpus*****bufonius** L.

J. dinteri Poelln. (3)
Annual. Herb. Ht 30–300 mm. Alt 120–1320 m. FS, KZN,
NC, WC, EC

capensis Thunb.

J. anonymus Steud. (3)
J. apiculatus Adamson (3)
J. atropurpureus Adamson (3)
J. delicatulus Steud. (3)
J. sphagnetorum (Buchenau) Adamson (3)
J. umbellatus Adamson (3)

Perennial. Herb, helophyte. Ht 0.06–0.6 m. Alt 15–1000 m.
NC, WC, EC

***capillaceus** Lam.

Perennial. Herb. Ht 0.15–0.35 m. Alt ± 400 m. WC

***capitatus** Weigel

Annual. Herb. Ht 0.02–0.045 m. Alt 100–1900 m. G, FS,
L, WC

cephalotes Thunb.

J. filifolius Adamson (3)
J. inaequalis Buchenau (3)

Annual. Herb. Ht 0.06–0.25 m. Alt 30–1433 m. NC, WC
chamissonis Kunth = **J. imbricatus**
cymosus Lam. = **J. lomatothyllus**
delicatulus Steud. = **J. capensis**
dinteri Poelln. = **J. bufonius**
dregeanus Kunth
J. sonderianus Buchenau (3)
J. subcuneatus Adamson (3)
J. subgloboosus Adamson (3)
J. submonocephalus Steud. (3)
 Perennial. Herb, helophyte. Ht 0.01–0.4 m. Alt 5–2840
 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
effusus L.
 Perennial. Herb, helophyte. Ht 0.45–1 m. Alt 2–2050 m.
 LIM, NW, G, M, FS, KZN, L, WC, EC
exsertus Buchenau subsp. **exsertus**
J. rostratus Buchenau (3)
 Perennial. Herb, helophyte. Ht 0.25–0.6 m. Alt 230–2300
 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
exsertus Buchenau subsp. **lesuticus** B.L.Burtt
 Perennial. Herb, helophyte. Ht ± 0.05 m. Alt ± 2621 m.
 L, EC
fasciculiflorus Adamson = **J. kraussii** subsp. **kraussii**
filifolius Adamson = **J. cephalotes**
gentilis N.E.Br. = **J. oxycarpus**
 ***imbricatus** Laharpe
J. chamissonis Kunth (3)
 Perennial. Herb. Ht ± 0.6 m. Alt ± 100 m. WC
inaequalis Buchenau = **J. cephalotes**
inflexus L.
J. acutissimus (Buchenau) Adamson (3)
 Perennial. Herb. Ht 0.5–0.91 m. Alt ± 50 m. FS, KZN, L,
 WC, EC
kraussii Hochst. subsp. *effusus* Adamson = **J. kraussii**
 subsp. **kraussii**
kraussii Hochst. subsp. **kraussii**
J. fasciculiflorus Adamson (3)
J. kraussii Hochst. subsp. *effusus* Adamson (6)
J. kraussii Hochst. subsp. *parviflorus* Adamson (6)
J. spretus Schult. & Schult.f. (3)
 Perennial. Herb, helophyte. Ht 0.3–± 10 m. Alt 1–1280 m.
 KZN, WC, EC
kraussii Hochst. subsp. *parviflorus* Adamson = **J. kraussii**
 subsp. **kraussii**
lomatothyllus Spreng.
J. cymosus Lam. (3)
J. viridifolius Adamson (3)
 Perennial. Herb, hydrophyte, hyperhydate. Ht 0.04–1.06 m.
 Alt 1–± 1700 m. LIM, G, M, S, KZN, L, WC, EC
maritimus in sense of Baker, not of Lam., misapplied name
 = **J. rigidus**

mollifolius Hilliard & B.L.Burtt
 Perennial. Herb, helophyte. Ht 0.09–0.13 m. Alt 2225–
 3000 m. KZN, L
obliquus Adamson
 Annual. Herb. Ht 20–40 mm. Alt 600–800 m. WC (en-
 demic to Cold Bokkeveld Mts)
oxycarpus E.Mey. ex Kunth
J. brevistilus Buchenau (3)
J. gentilis N.E.Br. (3)
J. suboxycarpus Adamson (3)
 Perennial. Herb, helophyte. Ht 0.06–1 m. Alt 5–2439 m.
 N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
punctorius L.f.
 Perennial. Herb, helophyte. Ht 0.45–1.5 m. Alt 30–2220 m.
 N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
rigidus Desf.
J. arabicus (Asch. & Buchenau) Adamson (3)
J. maritimus in sense of Baker, not of Lam., misapplied name (3)
 Perennial. Herb, halophyte, helophyte. Ht 0.4–1.5 m.
 Alt 10–1260 m. N, B, LIM, NW, G, S, FS, KZN,
 L, NC, WC, EC
rostratus Buchenau = **J. exsertus** subsp. **exsertus**
rupestris Kunth
 Annual. Herb. Ht 0.04–0.1 m. Alt 610–915 m. NC,
 WC (endemic)
scabriusculus Kunth
J. subglandulosus Steud. (3)
 Annual. Herb, helophyte. Ht 0.04–0.35 m. Alt 200–1670
 m. NC, WC (endemic)
sonderianus Buchenau = **J. dregeanus**
sphagnetorum (Buchenau) Adamson = **J. capensis**
spretus Schult. & Schult.f. = **J. kraussii** subsp. **kraussii**
stenopetalus Adamson
 Annual. Herb. Ht ± 0.14 m. Alt 20–± 550 m. NC, WC
subcuneatus Adamson = **J. dregeanus**
subglandulosus Steud. = **J. scabriusculus**
subgloboosus Adamson = **J. dregeanus**
submonocephalus Steud. = **J. dregeanus**
suboxycarpus Adamson = **J. oxycarpus**
 ***tenuis** Willd.
 Perennial. Herb. Ht 0.15–0.5 m. Alt 1000–2400 m. M,
 KZN, L, EC
umbellatus Adamson = **J. capensis**
viridifolius Adamson = **J. lomatothyllus**
LUZULA DC. 0937000
 (1) Baker. 1897. *FC* 7: 16–28.
 (2) Obermeyer. 1985. *FSA* 4: 90, 91.
africana Drège ex Steud.
 Perennial. Herb. Ht 0.06–0.45 m. Alt 870–3200 m. N, M,
 FS, KZN, L, EC

JUNCAGINACEAE

Compiled by R.P. Glen & C.D.K. Cook

TRIGLOCHIN L.

(1) Obermeyer. 1966. *FSA* 1: 92–95.

bulbosa L.

T. compacta Adamson (1)

0066000

T. elongata Buchenau (1)

T. tenuifolia Adamson (1)

Perennial. Herb, helophyte. Ht 0.1–0.6 m. Alt 3–850
 m. KZN, NC, WC, EC

compacta Adamson = **T. bulbosa**
elongata Buchenau = **T. bulbosa**
maritima of author, not of L. = **T. striata**
natalensis Gand. = **T. striata**
striata Ruiz & Pav.

T. maritima of author, not of L. (1)
T. natalensis Gand. (1)

Perennial. Herb, helophyte. Ht 0.1–0.32 m. Alt 1–305 m. N,
 KZN, WC, EC

tenuifolia Adamson = **T. bulbosa**

LANARIACEAE

Compiled by R.H. Archer

LANARIA Aiton

1236000

- (1) Baker. 1896. *FC* 6: 4.
 (2) Dahlgren 1988. *Monographs in Systematic Botany from the Missouri Botanical Garden* 25: 71–75.

lanata (L.) T.Durand & Schinz

L. plumosa Aiton (1)

Perennial. Geophyte. Ht 0.2–0.5 m. Alt 20–400 m. WC, EC

plumosa Aiton = **L. lanata**

LEMNACEAE

Compiled by R.P. Glen & C.D.K. Cook

LEMNA L.

0795000

- (1) Den Hartog & Van der Plas. 1970. *Blumea* 18: 355–358, 360–364, 367, 368.
 (2) Landolt. 1980. *Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 70: 5–247.
 (3) Landolt. 1981. *Berichte des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 48: 3–163.
 (4) Landolt. 1986. *Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 71: 1–566.
 (5) Landolt. 1987. *Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 95: 3–637.
 (6) Landolt. 1994. *Berichte des Geobotanischen Instituts der Eidgenössischen Technische Hochschule Stiftung Rübel* 60: 110–136.

aequinoctialis Welw.

Perennial. Herb, hydrophyte: pleustophyte. Alt 1–1800 m.
 N, B, LIM, G, M, FS, KZN

gibba L.

Perennial. Herb, hydrophyte: pleustophyte. Alt 5–1530 m.
 B, LIM, NW, G, FS, KZN, WC, EC

minor L.

Perennial. Herb, hydrophyte: pleustophyte. Alt 1–1435 m.
 G, M, KZN, L, EC

PSEUDOWOLFFIA Den Hartog & Van der Plas 0796020

hyalina (Hegelm.) Den Hartog & Van der Plas = **Wolffiella hyalina**

SPIRODELA Schleid.

0794000

- (1) Den Hartog & Van der Plas. 1970. *Blumea* 18: 355–360, 367, 368.
 (2) Landolt. 1980. *Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 70: 5–247.
 (3) Landolt. 1981. *Berichte des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 48: 3–163.
 (4) Landolt. 1986. *Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 71: 1–566.
 (5) Landolt. 1987. *Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 95: 3–637.
 (6) Landolt. 1994. *Berichte des Geobotanischen Instituts der Eidgenössischen Technische Hochschule Stiftung Rübel* 60: 110–136.
 (7) Cook. 1996. *Aquatic and wetlands plants of India*: 229, 230.

polyrhiza (L.) Schleid.

Annual. Herb, hydrophyte: pleustophyte. Alt 1–1340 m.
 B, FS, KZN

punctata (G.Mey.) C.H.Thomps.

Annual. Herb, hydrophyte: pleustophyte. Alt 1–1635 m.
 N, G, FS, KZN, WC, EC

WOLFFIA Horkel ex Schleid. 0796000

- (1) Den Hartog & Van der Plas. 1970. *Blumea* 18: 355–358, 364, 366–368.
 (2) Landolt. 1980. *Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 70: 5–247.
 (3) Landolt. 1986. *Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 71: 1–566.
 (4) Landolt. 1987. *Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 95: 3–637.
 (5) Landolt. 1994. *Berichte des Geobotanischen Instituts der Eidgenössischen Technische Hochschule Stiftung Rübel* 60: 110–136.

arrhiza (L.) Horkel ex Wimm.

Perennial. Herb, hydrophyte: pleustophyte. Alt 2–1600 m.
 B, G, M, FS, KZN, WC, EC

globosa (Roxb.) Den Hartog & Van der Plas

Perennial. Herb, hydrophyte: pleustophyte. Alt 1–1500 m.
 G, KZN

WOLFFIELLA (Hegelm.) Hegelm. 0796010

- (1) Den Hartog & Van der Plas. 1970. *Blumea* 18: 355–358, 364, 365, 367, 368.
 (2) Landolt. 1980. *Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 70: 5–247.
 (3) Landolt. 1986. *Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 71: 1–566.
 (4) Landolt. 1987. *Veröffentlichungen des Geobotanischen Institutes ETH, Stiftung Rübel, Zürich* 95: 3–637.
 (5) Landolt. 1994. *Berichte des Geobotanischen Instituts der Eidgenössischen Technische Hochschule Stiftung Rübel* 60: 110–136.

denticulata (Hegelm.) Hegelm.

Perennial. Herb, hydrophyte pleustophyte. Alt 1–130 m.
 KZN

hyalina (Delile) Monod

Pseudowolffia hyalina (Hegelm.) Den Hartog & Van der Plas (2)

Perennial. Herb, hydrophyte: pleustophyte. Alt ± 900 m. B
welwitschii (Hegelm.) Monod
Wolffiopsis welwitschii (Hegelm.) Den Hartog & Van der Plas (2)
 Perennial. Herb, hydrophyte: pleustophyte. Alt 1–900 m.
 B, KZN

WOLFFIOPSIS Den Hartog & Van der Plas 0796030

welwitschii (Hegelm.) Den Hartog & Van der Plas = **Wolffiella welwitschii**

*LILIACEAE

Compiled by R.P. Glen & C. Archer

*LILIUM L.

1072000

formosanum (Baker) Wallace

(1) Matthews. 1984. *European garden flora* 1: 193–206.

Perennial. Geophyte. Ht 1–2.5 m. Alt 1200–2000 m. LIM, M, KZN, EC

LIMNOCHARITACEAE

Compiled by R.P. Glen & C.D.K. Cook

BUTOMOPSIS Kunth

0082010

Annual or perennial. Herb, hydrophyte. Ht 0.07–0.22 m.
 Alt ± 850 m. B

(1) Symoens *et al.* (eds). 1982. *Studies on aquatic vascular plants*: 304–310.

TENAGOCHARIS Hochst. 0082000

latifolia (D. Don) Kunth

Tenagocharis latifolia (D. Don) Buchenau (1)

latifolia (D. Don) Buchenau = **Butomopsis latifolia**

MUSACEAE

Compiled by C. Archer

ENSETE Horan.

1318010

(1) Dyer. 1941. *The Flowering Plants of South Africa* 21: t. 810.
 (2) Baker & Simmonds. 1953. *Kew Bulletin* 1953: 405–416.
 (3) Baker & Simmonds. 1954. *Kew Bulletin* 1953: 574.

E. davyae (Stapf) Cheesman (2)

E. edule Horan. (3)

Musa davyae Stapf (2)

Perennial. Herb. Ht 5–8 m. Alt 915–1370 m. LIM

davyae (Stapf) Cheesman = **E. ventricosum**

edule Horan. = **E. ventricosum**

ventricosum (Welw.) Cheesman

MUSA L. 1318000

davyae Stapf = **Ensete ventricosum**

NAJADACEAE

Compiled by R.P. Glen & C.D.K. Cook

NAJAS L.

0064000

(1) Obermeyer. 1966. *FSA* 1: 81–85.
 (2) Triest. 1987. *Academie Royale des Sciences d'Outre-Mer, Classe des Sciences Naturelles et Médicales*. Mémoires in 8, Nouvelle Série, 21: 5–89.

N. marina L. subsp. *muricata* (Delpino) A.Br. ex Magnus (2)

Annual, occ. perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 0–1000 m. N, B, KZN, WC

graminea Delile

Perennial, occ. annual. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 496–1300 m. LIM, G

marina L. subsp. *delilei* (Rouy) Oberm. = **N. marina** subsp. **armata**

horrida A. Braun

N. pectinata of author, not of (Parl.) Magnus, concept invalid (1, 2)
 Perennial, occ. annual. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 1–1550 m. N, B, LIM, G, M, KZN, EC

marina L. subsp. *muricata* (Delpino) A.Br. ex Magnus = **N. marina** subsp. **armata**

pectinata of author, not of (Parl.) Magnus, concept invalid = **N. horrida**

marina L. subsp. **armata** (H. Lindb.) Horn

N. marina L. subsp. *delilei* (Rouy) Oberm. (1, 2)

setacea (A.Br.) Rendle

Annual? Herb, hydrophyte: vittate. Ht depending on depth of water. Alt ± 100 m. KZN

ORCHIDACEAE

Compiled by H. Kurzweil & C. Archer

ACAMPE Lindl. 1824000

(1) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 420, 421.

pachyglossa Rchb.f.

A. praemorsa (Roxb.) Blatt. & McCann in sense of J.L. Stewart *et al.* (1)
Saccolabium pachyglossa (Rchb.f.) Rolfe (1)

Perennial. Herb, epiphyte, succulent. Ht up to 0.5 m.
Alt 140–520 m. LIM, S, KZN

praemorsa (Roxb.) Blatt. & McCann in sense of J.L. Stewart
et al. = **A. pachyglossa**

ACROLOPHIA Pfitzer 1561000

(1) Summerhayes & Hall. 1962. *Taxon* 11: 201.

(2) Schelpe & Anthony. 1982. *Contributions from the Bolus Herbarium*
10: 156–161.

(3) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 253–255.

(4) Linder. 1988. *South African Journal of Botany* 54: 496–500.

(5) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 398–404.

barbata (Thunb.) H.P.Linder

A. lunata (Schltr.) Schltr. & Bolus (4)

Eulophia barbata (Thunb.) Spreng. (4)

Eulophia lunata Schltr. (4)

Limodorum barbatum Thunb. (4)

Serapia capensis L. (4)

Perennial. Herb. Ht 0.5–1 m. Alt 155–855 m. WC, EC

bolusii Rolfe

A. cochlearis in sense of Bolus (1893) (5)

Perennial. Herb. Ht 0.3–0.8 m. Alt 15–50 m. WC

capensis (P.J.Bergius) Fourc.

A. comosa (Sond.) Schltr. & Bolus (3)

A. sphaerocarpa (Sond.) Schltr. & Bolus (3)

A. triste (L.f.) Schltr. & Bolus (3)

Eulophia comosa Sond. (5)

Eulophia sphaerocarpa Sond. (5)

Eulophia tristis (L.f.) Spreng. (5)

Limodorum capense P.J.Bergius (5)

Limodorum triste (L.f.) Thunb. (5)

Satyrium capense (P.J.Bergius) Hoult. (5)

Satyrium triste L.f. (5)

Perennial. Herb. Ht 0.15–0.8 m. Alt 60–1200 m. WC, EC

capensis (P.J.Bergius) Fourc. var. *lamellata* (Lindl.) Schelpe
= **A. lamellata**

cochlearis in sense of Bolus (1893) = **A. bolusii**

cochlearis (Lindl.) Schltr. & Bolus

A. micrantha in sense of Bolus (1893) (5)

Eulophia cochlearis Lindl. (5)

Perennial. Herb. Ht up to 1 m. Alt 160–640 m. KZN, WC,
EC

comosa (Sond.) Schltr. & Bolus = **A. capensis**

fimbriata Schltr. = **A. micrantha**

lamellata (Lindl.) Schltr. & Bolus

A. capensis (P.J.Bergius) Fourc. var. *lamellata* (Lindl.) Schelpe (5)

Eulophia lamellata Lindl. (5)

Perennial. Herb. Ht 0.15–0.5 m. Alt 20–1000 m. WC

lunata (Schltr.) Schltr. & Bolus = **A. barbata**

micrantha in sense of Bolus (1893) = **A. cochlearis**

micrantha (Lindl.) Schltr. & Bolus

A. fimbriata Schltr. (5)

Eulophia micrantha Lindl. (5)

Perennial. Herb. Ht 0.25–0.6 m. Alt 60–185 m. WC, EC

paniculata P.J.Cribb = **Eulophia callichroma**

parvula Schltr. = **A. ustulata**

sphaerocarpa (Sond.) Schltr. & Bolus = **A. capensis**

triste (L.f.) Schltr. & Bolus = **A. capensis**

ustulata (Bolus) Schltr. & Bolus

A. parvula Schltr. (3)

Cymbidium ustulatum Bolus (5)

Eulophia ustulata (Bolus) Bolus (5)

Perennial. Herb, geophyte. Ht up to 0.1 m. Alt ?–1065 m.

WC

AERANGIS Rchb.f. 1830000

(1) Stewart. 1979. *Kew Bulletin* 34: 239–319.

(2) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 262–264.

(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 427–431.

biloba (Lindl.) Schltr. var. *kirkii* (Rchb.f.) Hawkes = **A. kirkii**

bilobum Lindl. var. *kirkii* Rchb.f. = **A. kirkii**

erythrurum (Kraenzl.) Garay = **A. verdickii**

kirkii (Rchb.f.) Schltr., doubtful record

A. biloba (Lindl.) Schltr. var. *kirkii* (Rchb.f.) Hawkes (1)

A. bilobum Lindl. var. *kirkii* Rchb.f. (1)

Angraecum apiculatum Hook. var. *kirkii* (Rchb.f.) Rchb.f. (1)

Angraecum kirkii (Rchb.f.) Rolfe (1)

Perennial. Herb, epiphyte. Ht up to 0.2 m. Alt? KZN

kotschyana in sense of Schelpe = **A. verdickii**

kotschyana (Rchb.f.) Schltr., doubtful record

A. kotschyi (Rchb.f.) Rchb.f. (1)

Angraecum kotschyianum Rchb.f. (1)

Angraecum kotschyi Rchb.f. (1)

Rhaphidorhynchus kotschyi (Rchb.f.) Finet (1)

Perennial. Herb, epiphyte. Ht up to 0.22 m. Alt? KZN

kotschyi (Rchb.f.) Rchb.f. = **A. kotschyana**

mystacidii (Rchb.f.) Schltr.

Angraecum mystacidii Rchb.f. (1)

Angraecum saundersiae Bolus (1)

Perennial. Herb, epiphyte. Ht up to 0.18 m. Alt 61–610 m.

LIM, M, KZN, EC

somalensis (Schltr.) Schltr.

Angraecum somalense Schltr. (1)

Perennial. Herb, epiphyte. Ht up to 0.15 m. Alt ?–960 m.

LIM

verdickii (De Wild.) Schltr.

A. erythrurum (Kraenzl.) Garay (1)

A. kotschyana in sense of Schelpe (1)

Angraecum erythrurum Kraenzl. (1)

Angraecum verdickii De Wild. (1)

Perennial. Herb, epiphyte, lithophyte, succulent. Ht up to

0.24 m. Alt ± 700–1300 m. LIM

AERANTHUS Lindl. 1849010

flicornis (Lindl.) Rchb.f., illegitimate name = **Mystacidium capense**

gerrardii Rchb.f. = **Diaphananthe xanthopollinia**

gracilis (Harv.) Rchb.f. = **Mystacidium gracile**

musciola Rchb.f. = **Rangaeris musciola**

pusillus (Harv.) Rchb.f. = **Mystacidium pusillum**

xanthopollinius Rchb.f. = **Diaphananthe xanthopollinia**

- AMPHIGENA** Rolfe 1434010
leptostachys (Sond.) Rolfe = **Disa tenuis**
tenuis (Lindl.) Rolfe = **Disa tenuis**
- ANGRAECUM** Bory 1828000
 (1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 256–260.
 (2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 421–425.
aphyllum Thouars = **Solenangis aphylla**
apiculatum Hook. var. *kirkii* (Rchb.f.) Rchb.f. = **Aerangis kirkii**
arcuatum Lindl. = **Cyrtorchis arcuata** subsp. **arcuata**
bicaudatum Lindl. = **Tridactyle bicaudata** subsp. **bicaudata**
bolusii Rolfe = **Tridactyle tridentata**
burchellii Rchb.f. = **A. pusillum**
caffrum Bolus = **Diaphananthe caffra**
capense (L.f.) Lindl. = **Mystacidium capense**
chamaeanthus Schltr.
 Perennial. Herb, epiphyte. Ht up to 0.01 m. Alt ± 1200–1700 m. LIM, M, KZN
chiloschistae Rchb.f. = **Microcoelia exilis**
conchiferum Lindl.
 Perennial. Herb, epiphyte. Ht up to 0.36 m. Alt up to 1600 m. LIM, M, KZN, WC, EC
cultriforme Summerh.
 Perennial. Herb, epiphyte. Ht up to 0.31 m. Alt ?–50 m. KZN
erythrurum Kraenzl. = **Aerangis verdickii**
filicornoides De Wild. = **Jumellea walleri**
flanagani Bolus = **Mystacidium flanagani**
gentilii De Wild. = **Tridactyle gentilii**
gerrardii (Rchb.f.) Bolus = **Diaphananthe xanthopolinia**
kirkii (Rchb.f.) Rolfe = **Aerangis kirkii**
kotschyanum Rchb.f. = **Aerangis kotschyana**
kotschy Rchb.f. = **Aerangis kotschyana**
maudiae Bolus = **Bolusiella maudiae**
mystacidii Rchb.f. = **Aerangis mystacidii**
pusillum Lindl.
A. burchellii Rchb.f. (1)
 Perennial. Herb, epiphyte. Ht up to 0.18 m. Alt 46–1435 m. LIM, S, KZN, WC, EC
 aff. *rutenbergianum* in sense of J.L. Stewart *et al.* = **A. stella-africae**
sacciferum Lindl.
 Perennial. Herb, epiphyte. Ht up to 0.1 m. Alt 330–1650 m. LIM, M, KZN, WC, EC
saundersiae Bolus = **Aerangis mystacidii**
somalense Schltr. = **Aerangis somalensis**
stella-africae P.J. Cribb
A. aff. rutenbergianum in sense of J.L. Stewart *et al.* (2)
 Perennial. Herb, epiphyte. Ht up to 0.15 m. Alt 1300–1500 m. LIM
tricuspe Bolus = **Tridactyle tricuspis**
tridentatum Harv. = **Tridactyle tridentata**
verdickii De Wild. = **Aerangis verdickii**
- ANOCHILUS** Rolfe 1438020
flanagani (Bolus) Rolfe = **Corycium flanagani**
hallii Schelpe = **Pterygodium hallii**
inversus (Thunb.) Rolfe = **Pterygodium inversum**
- ANSELLIA** Lindl. 1568000
 (1) Stewart. 1981. *South African Orchid Journal* 12: 4.
 (2) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 221, 222.
 (3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 404, 405.
africana Lindl.
A. africana Lindl. var. *australis* Summerh. (3)
A. africana Lindl. var. *nilotica* Baker (3)
A. gigantea Rchb.f. var. *gigantea* (3)
A. gigantea Rchb.f. var. *nilotica* (Baker) Summerh. (3)
 Perennial. Herb, epiphyte, succulent. Ht 0.15–1 m. Alt 75–1065 m. N, B, LIM, M, S, KZN
africana Lindl. var. *australis* Summerh. = **A. africana**
africana Lindl. var. *nilotica* Baker = **A. africana**
gigantea Rchb.f. var. *gigantea* = **A. africana**
gigantea Rchb.f. var. *nilotica* (Baker) Summerh. = **A. africana**
- ARETHUSA** L. 1474000
alaris (L.f.) Thunb. = **Pterygodium catholicum**
capensis L.f. = **Disperis capensis** var. **capensis**
ciliaris L.f., illegitimate name = **Bartholina burmanniana**
crispa Thunb. = **Corycium crispum**
secunda Thunb., illegitimate name = **Disperis circumflexa** subsp. **circumflexa**
villosa L.f. = **Disperis villosa**
- AVICEPS** Lindl. 1430020
pumila (Thunb.) Lindl. = **Satyrium pumilum**
- BARTHOLINA** R.Br. 1416000
 (1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 66–68.
 (2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 94–96.
burmanniana (L.) Ker Gawl.
Arethusa ciliaris L.f., illegitimate name (2)
B. lindleyana Rchb.f. (2)
B. pectinata (Thunb.) R.Br. (2)
Orchis burmanniana L. (2)
Orchis pectinata Thunb., illegitimate name (2)
 Perennial. Herb, geophyte. Ht up to 0.23 m. Alt 20–1220 m. WC, EC
- etheliae** Bolus
 Perennial. Herb, geophyte. Ht up to 0.3 m. Alt 30–1800 m. NC, WC, EC
lindleyana Rchb.f. = **B. burmanniana**
pectinata (Thunb.) R.Br. = **B. burmanniana**
- BILABRELLA** Lindl. 1422040
falcicornis Lindl. = **Habenaria falcicornis** subsp. **falcicornis**
- BOLBORCHIS** Zoll. & Moritzi 1542010
crocifformis Zoll. & Moritzi = **Nervilia crocifformis**
- BOLUSIELLA** Schltr. 1828110
 (1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 262.
 (2) La Croix & Cribb. 1998. *FZ* 11: 401–403.
 (3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 431.
imbricata (Rolfe) Schltr. = **B. maudiae**
maudiae (Bolus) Schltr.
Angraecum maudiae Bolus (1)
B. imbricata (Rolfe) Schltr. (2)
Listrostachys imbricata Rolfe (2)
 Perennial. Herb, epiphyte, succulent. Ht up to 0.05 m. Alt ?–680 m. KZN

BONATEA Willd.

1422020

- (1) Stewart. 1978. *American Orchid Society Bulletin* 47: 992–997.
 (2) Schelpe & Anthony. 1982. *Contributions from the Bolus Herbarium* 10: 157.
 (3) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 97–102.
 (4) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 136–143.

antennifera Rolfe = **B. speciosa** var. *antennifera**bilabrella* Lindl. = **Habenaria falcicornis** subsp. *falcicornis**boltonii* (Harv.) Bolus = **B. speciosa** var. *speciosa***bracteata** G.J.McDonald & McMurtry*B. liparophylla* Schelpe, naked name (4)

Perennial. Herb, geophyte. Ht up to 0.35 m. Alt up to 600 m. LIM, M, KZN

cassidea Sond.*B. darwinii* Weale (4)*Habenaria cassidea* (Sond.) Rchb.f. (4)

Perennial. Herb, geophyte. Ht up to 0.5 m. Alt 60–1500 m. KZN, EC

clavata Lindl. = **Habenaria clavata***darwinii* Weale = **B. cassidea***densiflora* Sond. = **B. speciosa** var. *speciosa**foliosa* (Sw.) Lindl. = **Habenaria epipactidea***foliosa* (Sw.) Lindl. var. *pauciflora* Sond. = **Habenaria epipactidea***insignis* (Schltr.) Summerh. = **B. polypodantha****lamprophylla** J.L.Stewart

Perennial. Herb, geophyte. Ht up to 1.2 m. Alt ?–50 m. KZN

liparophylla Schelpe, naked name = **B. bracteata***micrantha* Lindl. = **Habenaria arenaria****polypodantha** (Rchb.f.) L.Bolus*B. insignis* (Schltr.) Summerh. (4)*Habenaria insignis* Schltr. (3)*Habenaria polypodantha* Rchb.f. (4)

Perennial. Herb, geophyte. Ht up to 0.35 m. Alt 715–1035 m. LIM, NW, G, M, KZN, EC

porrecta (Bolus) Summerh.*Habenaria porrecta* Bolus (4)

Perennial. Herb, geophyte. Ht up to 0.7 m. Alt 150–900 m. B, LIM, NW, G, S, KZN, EC

pulchella Summerh.

Perennial. Herb, geophyte. Ht up to 0.32 m. Alt ?–700 m. M

saundersiae (Harv.) T.Durand & Schinz*Habenaria saundersiae* Harv. (4)

Perennial. Herb, geophyte. Ht up to 0.4 m. Alt ?–600 m. LIM, KZN

saundersioides (Kraenzl. & Schltr.) Cortesi*Habenaria saundersioides* Kraenzl. & Schltr. (4)*Habenaria umvotensis* Rolfe (3)

Perennial. Herb, geophyte. Ht up to 0.38 m. Alt 600–1000 m. M, S, KZN

speciosa (L.f.) Willd. var. *antennifera* (Rolfe) Sommerv.*B. antennifera* Rolfe (2)*Habenaria macrocorchis* Schltr. (3)

Perennial. Herb, geophyte. Ht 0.35–1 m. Alt 625–1810 m. B, LIM, NW, G, M, FS, L, NC

speciosa (L.f.) Willd. var. *speciosa**B. boltonii* (Harv.) Bolus (3)*B. densiflora* Sond. (4)*Habenaria boltonii* Harv. (4)*Habenaria bonatea* Rchb.f. var. *boltonii* (Harv.) Bolus (4)*Habenaria densiflora* (Sond.) Rchb.f. (4)*Habenaria robusta* N.E.Br. (4)*Orchis speciosa* L.f. (4)

Perennial. Herb, geophyte. Ht 0.42–1 m. Alt 25–1525 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

stuedneri (Rchb.f.) T.Durand & Schinz*Habenaria stuedneri* Rchb.f. (4)

Perennial. Herb, geophyte. Ht up to 1 m. Alt 800–2000 m. KZN

tetrapetala Lindl. = **Habenaria falcicornis** subsp. *falcicornis***BRACHYCORYTHIS** Lindl.

1428000

(1) Summerhayes. 1955. *Kew Bulletin* 10: 221–264.(2) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 72–75.(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 80–85.*allisoni* Rolfe = **B. ovata** subsp. *ovata**bulbinella* Rchb.f. = **Schizochilus bulbinella****conica** (Summerh.) Summerh. subsp. *transvaalensis* Summerh.*Diplacorchis tenuior* in sense of Pole Evans, not of (Rchb.f.) Schltr. (1)

Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt up to 1705 m. LIM, NW, G, M

gerrardii Rchb.f. = **Schizochilus gerrardii****inhambanensis** (Schltr.) Schltr.*Platanthera inhambanensis* Schltr. (1)

Perennial. Herb, geophyte. Ht up to 0.25 m. Alt? KZN, EC

junodiana Kraenzl. = **Neobolusia tysonii****macowaniana** Rchb.f.*Platanthera macowaniana* (Rchb.f.) Schltr. (1)

Perennial. Herb, geophyte. Ht up to 0.32 m. Alt 300–660 m. WC, EC

ovata Lindl. subsp. *ovata**B. allisoni* Rolfe (1)

Perennial. Herb, geophyte. Ht 0.28–0.4 m. Alt 15–1810 m. LIM, G, M, S, FS, KZN, L, EC

pleistophylla Rchb.f. subsp. *pleistophylla*

Perennial. Herb, geophyte. Ht 0.25–1 m. Alt ?–2000 m. LIM, M

pubescens Harv.

Perennial. Herb, geophyte. Ht 0.22–0.6 m. Alt 5–2225 m. LIM, G, M, S, KZN, L

tenuior Rchb.f.*Diplacorchis tenuior* (Rchb.f.) Schltr. (1)*Platanthera tenuior* (Rchb.f.) Schltr. (1)

Perennial. Herb, geophyte. Ht up to 0.25 m. Alt 600–1650 m. LIM, M, G, KZN

tysonii Bolus = **Neobolusia tysonii***virginica* (Bolus) Rolfe = **Dracomonticola virginica***zeyheri* (Sond.) Rchb.f. = **Schizochilus zeyheri****BROWNLEEA** Harv. ex Lindl.

1433000

(1) Linder. 1981. *Journal of South African Botany* 47: 13–48.(2) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 154–157.(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 289–294.**coerulea** Harv. ex Lindl.*B. madagascariensis* Ridl. (1)*B. nelsonii* Rolfe (1)*B. woodii* Rolfe (1)*Disa coerulea* (Harv. ex Lindl.) Rchb.f. (1)

Perennial. Herb, geophyte. Ht 0.1–0.6 m. Alt ?–1675 m. LIM, M, S, KZN, EC

coerulea in sense of Bolus = **B. macroceras***fanninae* Rolfe = **B. galpinii** subsp. *major**flavescens* Schltr. = **B. galpinii** subsp. *galpinii*

galpinii Bolus subsp. **galpinii***B. flavescens* Schltr. (1)Perennial. Herb, geophyte. Ht 0.15–0.5 m. Alt ?–2225 m.
LIM, M, FS, KZN**galpinii** Bolus subsp. **major** (Bolus) H.P.Linder*B. fanninae* Rolfe (1)*B. galpinii* Bolus var. *major* Bolus (1)*B. leucantha* Schltr. (1)

Perennial. Herb, geophyte. Ht 0.15–0.5 m. Alt 1800–2500 m. KZN, L

galpinii Bolus var. *major* Bolus = **B. galpinii** subsp. **major**
leucantha Schltr. = **B. galpinii** subsp. **major****macroceras** Sond.*B. coerulea* in sense of Bolus (3)*B. monophylla* Schltr. (1)*Disa macroceras* (Sond.) Rchb.f. (1)

Perennial. Herb, geophyte. Ht 0.05–0.5 m. Alt 1800–2700 m. FS, KZN, L, EC

madagascariensis Ridl. = **B. coerulea***monophylla* Schltr. = **B. macroceras***natalensis* Rolfe = **B. recurvata***nelsonii* Rolfe = **B. coerulea****parviflora** Harv. ex Lindl.*B. transvaalensis* Schltr. (1)*Disa parviflora* (Harv. ex Lindl.) Rchb.f. (1)Perennial. Herb, geophyte. Ht 0.2–0.6 m. Alt ?–3000 m.
LIM, M, S, KZN, L, EC*pentheriana* Kraenzl. ex Zahlbr. = **Disa ophrydea****recurvata** Sond.*B. natalensis* Rolfe (1)*Disa recurvata* (Sond.) Rchb.f. (1)Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt ?–1500 m.
M, KZN, WC, EC*transvaalensis* Schltr. = **B. parviflora***woodii* Rolfe = **B. coerulea****BUCCULINA** Lindl. 1408040*aspera* Lindl. = **Holothrix aspera****BULBOPHYLLUM** Thouars 1705000(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 218–220.(2) Vermeulen. 1987. *Orchid Monographs* 2: 1–300.(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 416–419.*congolatum* Schltr. = **B. scaberulum** var. **scaberulum****elliottii** Rolfe*B. malawiense* Morris (2)*B. oreonastes* in sense of E.R.Harrison (2)

Perennial. Herb, epiphyte, succulent. Ht? Alt ?–1325 m. LIM

longiflorum Thouars*Epidendrum umbellatum* G.Forst. (2)*Cirrhopetalum umbellatum* (G.Forst.) Hook. & Arn. (2)Perennial. Herb, epiphyte, succulent. Ht up to 0.15 m.
Alt ?–50 m. KZN*malawiense* Morris = **B. elliotii***oreonastes* in sense of E.R.Harrison = **B. elliotii****sandersonii** (Hook.f.) Rchb.f. subsp. **sandersonii***Megaclinium sandersonii* Hook. (1)Perennial. Herb, epiphyte, succulent. Ht 0.06–0.15 m.
Alt 1000–1500 m. LIM, M, S, EC**scaberulum** (Rolfe) Bolus var. **scaberulum***B. congolatum* Schltr. (3)*Megaclinium scaberulum* Rolfe (1)

Perennial. Herb, epiphyte, lithophyte, succulent. Ht 0.18–0.25 m. Alt 365–520 m. KZN, EC

CALANTHE R.Br. 1631000(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 215.(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 405–407.*corymbosa* Lindl. = **C. sylvatica***natalensis* (Rchb.f.) Rchb.f. = **C. sylvatica****sylvatica** (Thouars) Lindl.*C. corymbosa* Lindl. (2)*C. natalensis* (Rchb.f.) Rchb.f. (1)*C. sylvatica* (Thouars) Lindl. var. *natalensis* Rchb.f. (2)*Centrosis sylvatica* Thouars (2)

Perennial. Herb. Ht up to 0.65 m. Alt 15–1220 m. LIM, M, S, KZN, WC, EC

sylvatica (Thouars) Lindl. var. *natalensis* Rchb.f. = **C. sylvatica****CENTROSIS** Thouars 1483000*sylvatica* Thouars = **Calanthe sylvatica****CENTROSTIGMA** Schltr. 1422010(1) Summerhayes. 1968. *FTEA* Orchidaceae: 151–153.(2) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 102, 103.(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 143, 144.*nyassanum* Schltr. = **C. occultans****occultans** (Welw. ex Rchb.f.) Schltr.*C. nyassanum* Schltr. (1)*C. schlechteri* (Kraenzl.) Schltr. (1)*Habenaria occultans* Welw. ex Rchb.f. (1)*Habenaria schlechteri* Kraenzl. (1)Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt ?–1405 m.
LIM, M*schlechteri* (Kraenzl.) Schltr. = **C. occultans****CERATANDRA** Eckl. ex F.A.Bauer 1439000(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 180–183.(2) Kurzweil *et al.* 1991. *Plant Systematics and Evolution* 175: 161–223.(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 320–325.*affinis* Sond. = **C. harveyana****atrata** (L.) T.Durand & Schinz*C. auriculata* Lindl. (3)*C. chloroleuca* Eckl. ex F.A.Bauer (1)*Ophrys atrata* L. (3)*Pterygodium atratum* (L.) Sw. (3)

Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 15–1500 m. WC, EC

auriculata Lindl. = **C. atrata****bicolor** Sond. ex Bolus*Evota bicolor* (Sond. ex Bolus) Rolfe (2)*C. harveyana* Lindl. ex err. Sond. (3)Perennial. Herb, geophyte. Ht up to 0.34 m. Alt 90–1100 m.
WC*chloroleuca* Eckl. ex F.A.Bauer = **C. atrata****globosa** Lindl.*C. parviflora* Lindl. (3)*Ceratandropsis globosa* (Lindl.) Rolfe (1)Perennial. Herb, geophyte. Ht up to 0.4 m. Alt 700–2000 m.
WC, EC**grandiflora** Lindl.*Ceratandropsis grandiflora* (Lindl.) Rolfe (1)Perennial. Herb, geophyte. Ht up to 0.43 m. Alt 5–600 m.
WC, EC**grandiflora** Lindl. × **C. atrata** (L.) T.Durand & Schinz

Perennial. Herb, geophyte. Ht? Alt ?–460 m. WC, EC

harveyana Lindl.

C. affinis Sond. (3)
Evota affinis (Sond.) Rolfe (3)
Evota harveyana (Lindl.) Rolfe (3)

Perennial. Herb, geophyte. Ht up to 0.21 m. Alt 50–710 m. WC

harveyana Lindl. ex err. Sond. = **C. bicolor**

parviflora Lindl. = **C. globosa**

venosa (Lindl.) Schltr.

Corycium venosum (Lindl.) Rolfe (3)
Evota venosa (Lindl.) Schelpe (3)
Pterygodium venosum Lindl. (3)

Perennial. Herb, geophyte. Ht up to 0.26 m. Alt ?–1000 m. WC

CERATANDROPSIS Rolfe 1439010

globosa (Lindl.) Rolfe = **Ceratandra globosa**

grandiflora (Lindl.) Rolfe = **Ceratandra grandiflora**

CHEIROSTYLIS Blume 1503010

- (1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 213.
- (2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 76, 77.

gymnochiloides (Ridl.) Rchb.f.

Monochilus gymnochiloides Ridl. (2)

Perennial. Herb. Ht 0.2–0.4 m. Alt 5–50 m. S, KZN

CIRRHOPETALUM Lindl. 1704000

umbellatum (G.Forst.) Hook. & Arn. = **Bulbophyllum longiflorum**

CORYCIUM Sw. 1440000

- (1) Rolfe. 1913. *FC* 5: 3–313.
- (2) Schelpe & Anthony. 1982. *Contributions from the Bolus Herbarium* 10: 156–161.
- (3) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 190–195.
- (4) Oliver. 1986. *South African Journal of Botany* 52: 256–260.
- (5) Kurzweil *et al.* 1991. *Plant Systematics and Evolution* 175: 161–223.
- (6) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 339–349.

alticola Parkman & Schelpe

Perennial. Herb, geophyte. Ht up to 0.4 m. Alt 1950–2400 m. KZN, L, EC

bicolorum (Thunb.) Sw.

Ophrys bicolor Thunb. (6)
Pterygodium bicolorum (Thunb.) Schltr. (6)
Pterygodium mundii Schltr. (6)

Perennial. Herb, geophyte. Ht up to 0.4 m. Alt ?–600 m. WC

bifidum Sond.

C. ligulatum Rchb.f. (6)
Pterygodium bifidum (Sond.) Schltr. (6)

Perennial. Herb, geophyte. Ht up to 0.29 m. Alt? WC

carnosum (Lindl.) Rolfe

Pterygodium carnosum Lindl. (6)
Pterygodium patersoniae Schltr. (6)

Perennial. Herb, geophyte. Ht up to 0.55 m. Alt 15–1500 m. WC, EC

crispum (Thunb.) Sw.

Arethusa crispa Thunb. (6)
Pterygodium crispum (Thunb.) Schltr. (6)

Perennial. Herb, geophyte. Ht up to 0.4 m. Alt ?–1000 m. NC, WC

deflexum (Bolus) Rolfe

Pterygodium deflexum Bolus (6)

Perennial. Herb, geophyte. Ht up to 0.25 m. Alt 830–1960 m. NC, WC

dracomontanum Parkman & Schelpe

Perennial. Herb, geophyte. Ht 0.12–0.22 m. Alt 300–3500 m. G, M, S, FS, KZN, L, WC, EC

excisum Lindl.

Pterygodium excisum (Lindl.) Schltr. (6)

Perennial. Herb, geophyte. Ht up to 0.26 m. Alt 20–300 m. WC

flanaganii (Bolus) Kurzweil & H.P.Linder

Anochilus flanaganii (Bolus) Rolfe (6)
Pterygodium flanaganii Bolus (5)

Perennial. Herb, geophyte. Ht up to 0.3 m. Alt ?–2000 m. L, EC

ingeanum E.G.H.Oliv.

Perennial. Herb, geophyte. Ht up to 0.2 m. Alt ?–790 m. NC

ligulatum Rchb.f. = **C. bifidum**

magnum (Rchb.f.) Rolfe = **Pterygodium magnum**

microglossum Lindl.

Pterygodium microglossum (Lindl.) Schltr. (6)

Perennial. Herb, geophyte. Ht up to 0.3 m. Alt ?–600 m. WC

nigrescens Sond.

Pterygodium nigrescens (Sond.) Schltr. (6)

Perennial. Herb, geophyte. Ht 0.17–0.55 m. Alt 610–3000 m. LIM, M, FS, KZN, L, EC

orobanchoides (L.f.) Sw.

C. vestitum Sw. (6)
Ophrys volucris Thunb., not of L.f. (6)
Pterygodium orobanchoides (L.f.) Schltr. (6)
Pterygodium vestitum (Sw.) Schltr. (6)
Satyrium orobanchoides L.f. (6)

Perennial. Herb, geophyte. Ht 0.25–0.42 m. Alt 30–500 m. WC

rubiginosum (Sond. ex Bolus) Rolfe = **Evotella rubiginosa**

tricuspidatum Bolus

Pterygodium tricuspidatum (Bolus) Schltr. (6)

Perennial. Herb, geophyte. Ht up to 0.33 m. Alt 1400–1600 m. KZN, L, EC

venosum (Lindl.) Rolfe = **Ceratandra venosa**

vestitum Sw. = **C. orobanchoides**

CORYMBIS Thouars 1531010

corymbosa Ridl. = **Corymborkis corymbis**

welwitschii Rchb.f. = **Corymborkis corymbis**

CORYMBORCHIS Thouars = **CORYMBORKIS**

CORYMBORKIS Thouars 1531000

- (1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 210–212.
- (2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 73, 74.

bolusiana Schltr. = **C. corymbis**

corymbis Thouars

Corymbis corymbosa Ridl. (1)
Corymbis welwitschii Rchb.f. (1)
C. bolusiana Schltr. (1)
C. corymbosa (Ridl.) Kuntze (1)
C. thoursii Rchb.f. (2)

Perennial. Herb. Ht up to 2 m. Alt ?–300 m. KZN, EC

corymbosa (Ridl.) Kuntze = **C. corymbis**

thoursii Rchb.f. = **C. corymbis**

CYMBIDIUM Sw. 1724000

aculeatum (L.f.) Sw. = **Eulophia aculeata** subsp. **aculeata**

adenoglossum Lindl. = **Eulophia adenoglossa**

- angolense* Rchb.f. = **Eulophia angolensis**
buchanani Rchb.f. = **Eulophia foliosa**
pedicellatum (L.f.) Sw. = **Eulophia aculeata** subsp. *aculeata*
plicatum Harv. ex Lindl. = **Eulophia aculeata** subsp. *aculeata*
tabulare (L.f.) Sw. = **Eulophia tabularis**
ustulatum Bolus = **Acrolophia ustulata**
- CYNORCHIS** Thouars 1421020
glandulosa L.Bolus = **Cynorkis kassneriana**
macloughlinii L.Bolus = **Stenoglottis woodii**
rupicola Schltr. = **Cynorkis kassneriana**
- CYNORKIS** Thouars 1421000
 (1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 79, 80.
 (2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 144–146.
compacta (Rchb.f.) Rolfe
Cynosorchis compacta Rchb.f. (2)
 Perennial. Herb, geophyte. Ht up to 0.08 m. Alt ?–700 m.
 KZN
kassneriana Kraenzl.
Cynorchis glandulosa L.Bolus (2)
Cynorchis rupicola Schltr. (2)
 Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–1830 m.
 LIM, G, M, S
macloughlinii L.Bolus = **Stenoglottis woodii**
- CYNOSORCHIS** Thouars 1421010
compacta Rchb.f. = **Cynorkis compacta**
- CYRTOPERA** Lindl. 1648050
foliosa Lindl. = **Eulophia foliosa**
oliveriana Rchb.f. = **Eulophia parviflora**
papillosa Rolfe = **Eulophia odontoglossa**
pedicellata (L.f.) Lindl. = **Eulophia aculeata** subsp. *aculeata*
walleri Rchb.f. = **Eulophia walleri**
- CYRTORCHIS** Schltr. 1835010
 (1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 271, 272.
 (2) Linder. 1989. *Kew Bulletin* 44: 317–319.
 (3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 431–434.
arcuata (Lindl.) Schltr. subsp. *arcuata*
Angraecum arcuatum Lindl. (3)
Listrostachys arcuata (Lindl.) Rchb.f. (1)
 Perennial. Herb, epiphyte, lithophyte. Ht up to 0.5 m.
 Alt 305–1220 m. LIM, M, S, KZN, WC, EC
praetermissa Summerh. subsp. *praetermissa*
 Perennial. Herb, epiphyte, succulent. Ht up to 0.4 m.
 Alt 750–1205 m. LIM, M
praetermissa Summerh. subsp. *zuluensis* (E.R.Harrison)
 H.P.Linder
C. praetermissa Summerh. var. *zuluensis* E.R.Harrison (2)
 Perennial. Herb, epiphyte, succulent. Ht up to 0.23 m.
 Alt ± 50–500 m. KZN
praetermissa Summerh. var. *zuluensis* E.R.Harrison =
C. praetermissa subsp. *zuluensis*
- DENDROBIUM** Sw. 1694000
cultriforme Thouars = **Polystachya cultriformis**
fusiformis Thouars = **Polystachya fusiformis**
- DEROEMERA** Rchb.f. 1417000
culveri (Bolus) Schltr. = **Holothrix culveri**
- DIAPHANANTHE** Schltr. 1828040
 (1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 261, 262.
 (2) Linder. 1989. *Kew Bulletin* 44: 317–319.
 (3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 434–437.
caffra (Bolus) H.P.Linder
Angraecum caffrum Bolus (1)
Margelliantha caffra (Bolus) P.J.Cribb & J.L.Stewart (2)
Mystacidium caffrum (Bolus) Bolus (2)
 Perennial. Herb, epiphyte. Ht up to 0.05 m. Alt 915–1860
 m. LIM, KZN, EC
fragrantissima (Rchb.f.) Schltr.
Listrostachys fragrantissima Rchb.f. (3)
 Perennial. Herb, epiphyte. Ht? Alt ?–70 m. KZN
- millarii** (Bolus) H.P.Linder
Mystacidium millarii Bolus (2)
 Perennial. Herb, epiphyte. Ht up to 0.15 m. Alt? KZN, EC
- peglerae* (Bolus) Summerh. = **D. xanthopollinia**
- xanthopollinia** (Rchb.f.) Summerh.
Aeranthus gerrardii Rchb.f. (3)
Aeranthus xanthopollinius Rchb.f. (3)
Angraecum gerrardii (Rchb.f.) Bolus (1)
D. peglerae (Bolus) Summerh. (3)
Mystacidium gerrardii (Rchb.f.) Bolus (1)
Mystacidium peglerae Bolus (3)
Mystacidium xanthopollinium (Rchb.f.) T.Durand & Schinz (3)
Rhipidoglossum gerrardii (Rchb.f.) Schltr. (3)
Rhipidoglossum peglerae (Bolus) Schltr. (3)
Rhipidoglossum xanthopollinium (Rchb.f.) Schltr. (3)
 Perennial. Herb, epiphyte. Ht up to 0.23 m. Alt 305–990
 m. KZN, EC
- DIDYMOPLEXIS** Griff. 1487000
 (1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 210.
 (2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 351, 352.
verrucosa J.L.Stewart & Hennessy
 Perennial. Herb, geophyte. Ht up to 0.06 m. Alt ?–10 m.
 KZN
- DIPERA** Spreng. 1437010
tenera Spreng. in part = **Disperis capensis** var. *brevicaudata*
tenera Spreng. in part = **Disperis capensis** var. *capensis*
- DIPLACORCHIS** Schltr. 1428010
tenuior in sense of Pole Evans, not of (Rchb.f.) Schltr. =
Brachycorythis conica subsp. *transvaalensis*
tenuior (Rchb.f.) Schltr. = **Brachycorythis tenuior**
- DIPLECTHRUM** Pers. 1430030
bicallosum (Thunb.) Pers. = **Satyrium bicallosum**
bracteatum (L.f.) Pers. = **Satyrium bracteatum**
coriifolium (Sw.) Pers. = **Satyrium coriifolium**
erectum (Sw.) Pers. = **Satyrium erectum**
parviflorum (Sw.) Pers. = **Satyrium parviflorum**
pumilum (Thunb.) Pers. = **Satyrium pumilum**
striatum (Thunb.) Pers. = **Satyrium striatum**
- DIPLOGASTRA** Rchb.f. 1516010
angolensis Rchb.f. = **Platylepis glandulosa**

DISA P.J.Bergius

1434000

- (1) Linder. 1981. *Bulletin du Jardin Botanique National de Belgique* 51: 255–346.
 (2) Linder. 1981. *Contributions from the Bolus Herbarium* 9: 1–370.
 (3) Linder. 1981. *Bothalia* 13: 339–363.
 (4) Linder. 1981. *Bothalia* 13: 365–388.
 (5) Stewart & Manning. 1982. *South African Orchid Journal* 13: 35–41.
 (6) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 103–154.
 (7) Linder. 1984. *Journal of South African Botany* 50: 261–263.
 (8) McMurtry. 1984. *South African Orchid Journal* 15: 90–92.
 (9) Linder. 1985. *Bothalia* 15: 553.
 (9a) Linder. 1985. *South African Orchid Journal* 16: 102–104.
 (10) Vlok. 1985. *South African Journal of Botany* 51: 335–338.
 (11) Anderson & Van der Merwe. 1986. *Veld & Flora* 72: 11, 12.
 (12) Linder. 1986. *Bothalia* 16: 56, 57.
 (13) Linder. 1988. *South African Journal of Botany* 54: 496–500.
 (14) Linder. 1990. *Lindleyana* 5: 224–230.
 (15) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 187–288.

aconitoides Sond. subsp. **aconitoides**

Perennial. Herb, geophyte. Ht 0.25–0.6 m. Alt ?–2075 m. LIM, G, M, S, FS, KZN, WC, EC

aemula Bolus = **D. cornuta****affinis** N.E.Br. = **D. comosa****alticola** H.P.Linder

Perennial. Herb, geophyte. Ht 0.07–0.17 m. Alt ?–2180 m. M

amblyopetala Schltr. = **D. hircicornis****amoena** H.P.Linder

Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt ?–2000 m. M

arida Vlok

Perennial. Herb, geophyte. Ht 0.45–0.55 m. Alt 625–742 WC

aristata H.P.Linder

Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 1200–1800 m. LIM

atricapilla (Harv. ex Lindl.) Bolus

D. bivalvata (L.f.) T.Durand & Schinz var. *atricapilla* (Harv. ex Lindl.) Schltr. (2)

Orthopenthea atricapilla (Harv. ex Lindl.) Rolfe (2)

Penthea atricapilla Harv. ex Lindl. (2)

Perennial. Herb, geophyte. Ht 0.05–0.3 m. Alt ?–2000 m. WC

atropurpurea Sond. = **D. spathulata** subsp. **spathulata****atrorubens** Schltr.

Monadenia atrorubens (Schltr.) Rolfe (15)

Monadenia ophrydea in sense of Kraenzl. (3)

Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt ?–1000 m. NC, WC

attenuata Lindl. = **D. sagittalis****aurata** (Bolus) L.Parker & Koop.

D. tripetaloides (L.f.) N.E.Br. subsp. *aurata* (Bolus) H.P.Linder (2)

D. tripetaloides (L.f.) N.E.Br. var. *aurata* Bolus (2)

Perennial. Herb, geophyte. Ht 0.1–0.6 m. Alt? WC

auriculata Bolus = **D. densiflora****barbata** (L.f.) Sw.

Herschelia barbata (L.f.) Bolus (15)

Herschelianthe barbata (L.f.) N.C.Anthony (15)

Orchis barbata L.f. (4)

Satyrium barbatum (L.f.) Thunb. (4)

Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt ?–200 m. WC

basutorum in sense of Kraenzl., not of Schltr. = **D. sankeyi****basutorum** Schltr.

Monadenia basutorum (Schltr.) Rolfe (2)

Perennial. Herb, geophyte. Ht 0.1–0.24 m. Alt 2500–3000 m. KZN, L, EC

baurii Bolus

Herschelia bachmanniana Kraenzl. (4)

Herschelia baurii (Bolus) Kraenzl. (15)

Herschelianthe bachmanniana (Kraenzl.) Rauschert (15)

Herschelianthe baurii (Bolus) Rauschert (4)

Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 150–1800 m. LIM, M, S, KZN, EC

begleyi L.Bolus

Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt ?–1200 m. WC

bifida (Thunb.) Sw. = **Schizodium bifidum****bivalvata** (L.f.) T.Durand & Schinz

D. melaleuca (Thunb.) Sw. (2)

Ophrys bivalvata L.f. (2)

Orthopenthea bivalvata (L.f.) Rolfe (2)

Penthea melaleuca (Thunb.) Lindl. (2)

Serapias melaleuca Thunb. (2)

Perennial. Herb, geophyte. Ht 0.1–0.45 m. Alt ?–2000 m. WC, EC

bivalvata (L.f.) T.Durand & Schinz var. **atricapilla** (Harv. ex Lindl.) Schltr. = **D. atricapilla****bivalvata** (L.f.) T.Durand & Schinz × **D. atricapilla** (Harv. ex Lindl.) Bolus

Perennial. Herb, geophyte. Ht? Alt? WC

bodkinii Bolus

Orthopenthea bodkinii (Bolus) Rolfe (2)

Perennial. Herb, geophyte. Ht 0.03–0.25 m. Alt 600–2000 m. WC

bolusiana Schltr.

Monadenia bolusiana (Schltr.) Rolfe (15)

Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt 200–1200 m. WC

brachyceras Lindl.

D. tenella (L.f.) Sw. var. *brachyceras* (Lindl.) Schltr. (2)

Perennial. Herb, geophyte. Ht 0.03–0.07 m. Alt 300–1200 m. WC

bracteata Sw.

D. micrantha (Lindl.) Bolus (3)

D. praetermissa Schltr. (3)

Monadenia bracteata (Sw.) T.Durand & Schinz (15)

Monadenia micrantha Lindl. (3)

Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt ?–1500 m. WC, EC

×**brendae** H.P.Linder (14)

D. uniflora P.J.Bergius × *D. caulescens* Lindl.

Perennial. Herb, geophyte. Ht 0.23–0.33 m. Alt ?–1300 m. WC

brevicornis (Lindl.) Bolus

Monadenia brevicornis Lindl. (15)

Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt ?–2700 m. LIM, M, FS, KZN, WC, EC

brevipetala H.P.Linder

Perennial. Herb, geophyte. Ht up to 0.2 m. Alt? WC

breyeri Schltr. = **D. welwitschii** subsp. **welwitschii****caffra** Bolus

Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 100–400 m. KZN, EC

capricornis Rchb.f. = **D. gladioliflora** subsp. **capricornis****cardinalis** H.P.Linder

Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt ?–600 m. WC

caulescens Lindl.

Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 300–1200 m. WC, EC

cedarbergensis H.P.Linder

Perennial. Herb, geophyte. Ht ± 0.18 m. Alt ?–2000 m. WC

cephalotes Rchb.f. subsp. **cephalotes**

Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt 1500–2500 m.
FS, KZN, L, EC

cephalotes Rchb.f. subsp. **frigida** (Schltr.) H.P.Linder
D. frigida Schltr. (2)

Perennial. Herb, geophyte. Ht? Alt ?–3000 m. KZN, L

cernua (Thunb.) Sw.

D. prasinata Ker Gawl. (3)
Monadenia cernua (Thunb.) T.Durand & Schinz (15)
Monadenia inflata Sond. (3)
Monadenia prasinata (Ker Gawl.) Lindl. (3)
Satyrium cernuum Thunb. (3)

Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt ?–300 m.
WC, EC

cernua (Thunb.) Sw. in part = **D. physodes**

charpentieriana Rchb.f. = **D. multifida**

chrysostachya in sense of Batten & Bokelmann = **D. polygonoides**

chrysostachya Sw.

D. gracilis Lindl. (1)
Perennial. Herb, geophyte. Ht 0.25–1.1 m. Alt 30–2100 m.
LIM, M, S, FS, KZN, L, EC

chrysostachya Sw. × *D. rhodantha* Schltr. = **D. ×paludicola**

clavicornis H.P.Linder

Perennial. Herb, geophyte. Ht ± 0.4 m. Alt ?–2000 m. M

clavigera (Lindl.) Bolus = **Schizodium obliquum** subsp. **clavigerum**

cochlearis S.D.Johnson & Liltved

Perennial. Herb, geophyte. Ht up to 0.45 m. Alt ?–1500 m. WC

coerulea (Harv. ex Lindl.) Rchb.f. = **Brownleea coerulea**

comosa (Rchb.f.) Schltr.

D. affinis N.E.Br. (3)
Monadenia comosa Rchb.f. (15)
Monadenia rufescens in sense of Lindl., not of Thunb. (3)
Perennial. Herb, geophyte. Ht 0.08–0.6 m. Alt ?–1600 m.
WC, EC

conferta Bolus

Monadenia conferta (Bolus) Kraenzl. (15)
Perennial. Herb, geophyte. Ht 0.08–0.22 m. Alt ?–600 m.
WC

cooperi Rchb.f.

Perennial. Herb, geophyte. Ht 0.4–0.7 m. Alt 1800–2200 m.
M, FS, KZN, L, EC

cooperi Rchb.f. var. *scullyi* (Bolus) Schltr. in part = **D. scullyi**

cornuta (L.) Sw.

D. aemula Bolus (2)
D. cornuta (L.) Sw. var. *aemula* (Bolus) Kraenzl. (2)
D. macrantha Sw. (2)
Orchis cornuta L. (2)
Satyrium cornutum (L.) Thunb. (2)
Perennial. Herb, geophyte. Ht 0.4–1 m. Alt 5–2590 m. M,
KZN, L, WC, EC

cornuta (L.) Sw. var. *aemula* (Bolus) Kraenzl. = **D. cornuta**

crassicornis Lindl.

D. jacottetae Kraenzl. (2)
D. macrantha in sense of Weale (15)
D. megaceras Hook.f. (2)
Perennial. Herb, geophyte. Ht 0.4–1.15 m. Alt 1000–2700
m. KZN, L, EC

culveri Schltr. = **D. hircicornis**

cylindrica (Thunb.) Sw.

Satyrium cylindricum Thunb. (2)

Perennial. Herb, geophyte. Ht 0.08–0.35 m. Alt 15–1200 m.
WC, EC

densiflora (Lindl.) Bolus

D. auriculata Bolus (3)
D. multiflora (Sond.) Bolus (3)
Monadenia auriculata (Bolus) Rolfe (3)
Monadenia densiflora Lindl. (15)
Monadenia multiflora Sond. (3)
Perennial. Herb, geophyte. Ht 0.075–0.195 m. Alt ?–1000
m. WC, EC

dracomontana Schelpe ex H.P.Linder

Perennial. Herb, geophyte. Ht 0.15–0.45 m. Alt 2100–2900
m. FS, KZN

draconis in sense of authors, not of (L.f.) Sw. in part =
D. draconis

draconis in sense of authors, not of (L.f.) Sw. in part =
D. harveiana subsp. **harveiana**

draconis in sense of authors, not of (L.f.) Sw. in part =
D. harveiana subsp. **longicalcarata**

draconis in sense of authors, not of (L.f.) Sw. in part =
D. karooica

draconis (L.f.) Sw.

D. draconis in sense of authors, not of (L.f.) Sw. in part (15)
Orchis draconis L.f. (2)
Satyrium draconis (L.f.) Thunb. (2)
Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt? WC

draconis (L.f.) Sw. var. *harveiana* (Lindl.) Schltr. = **D. harveiana** subsp. **harveiana**

ecalcarata (G.J.Lewis) H.P.Linder

Monadenia ecalcarata Lewis (15)
Perennial. Herb, geophyte. Ht ± 0.13 m. Alt? WC

elegans Sond. ex Rchb.f.

Orthopenthea elegans (Sond. ex Rchb.f.) Rolfe (2)
Perennial. Herb, geophyte. Ht 0.2–0.6 m. Alt 1000–2000
m. WC

esterhuyseniae Schelpe ex H.P.Linder

Perennial. Herb, geophyte. Ht up to 0.3 m. Alt 1000–1200
m. WC

excelsa in sense of Lindl. = **D. procera**

excelsa (Thunb.) Sw., superfluous name = **D. tripetaloides**

extinctoria Rchb.f.

Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 1000–1300 m.
LIM, M, S

falcata Schltr. = **D. tripetaloides**

fanniniae Rolfe = **D. nervosa**

fasciata Lindl.

Orthopenthea fasciata (Lindl.) Rolfe (2)
Perennial. Herb, geophyte. Ht 0.05–0.25 m. Alt ?–1000 m.
WC

ferruginea (Thunb.) Sw.

Satyrium ferrugineum Thunb. (2)
Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 750–1350
m. WC

filicornis (L.f.) Thunb.

D. filicornis (L.f.) Thunb. var. *latipetala* Bolus (2)
D. patens in sense of Sw., not of L.f. (2)
D. reflexa (Lindl.) Rchb.f. (2)
Orchis filicornis L.f. (2)
Penthea filicornis (L.f.) Lindl. (2)
Penthea reflexa Lindl. (2)
Perennial. Herb, geophyte. Ht 0.05–0.25 m. Alt 300–1000
m. WC, EC

- filicornis* (L.f.) Thunb. var. *latipetala* Bolus = **D. filicornis**
filicornis (L.f.) Thunb. × **D. tenuifolia** Sw.
 Perennial. Herb, geophyte. Ht? Alt? WC
- flexuosa* (L.) Sw. = **Schizodium flexuosum**
forcipata Schltr.
Herschelia forcipata (Schltr.) Kraenzl. (15)
Herschelianthe forcipata (Schltr.) Rauschert (15)
 Perennial. Herb, geophyte. Ht up to 0.6 m. Alt? WC?
- forficaria** Bolus
Forficaria graminifolia Lindl. (4)
Herschelia forficaria (Bolus) H.P.Linder (15)
Herschelianthe forficaria (Bolus) N.C.Anthony (15)
 Perennial. Herb, geophyte. Ht up to 0.5 m. Alt 100–1000 m. WC
- fragrans** Schltr. subsp. **fragrans**
Monadenia junodiana Kraenzl. (1)
 Perennial. Herb, geophyte. Ht 0.07–0.5 m. Alt 1800–3000 m. LIM, M, KZN, L, EC
- frigida* Schltr. = **D. cephalotes** subsp. **frigida**
galpinii Rolfe
D. minax Kraenzl. (2)
 Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt ?–2000 m. KZN, EC
- gerrardii* Rolfe = **D. patula** var. **transvaalensis**
gladioliflora Burch. ex Lindl. subsp. **capricornis** (Rchb.f.) H.P.Linder
D. capricornis Rchb.f. (2)
 Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 750–1300 m. WC
- gladioliflora** Burch. ex Lindl. subsp. **gladioliflora**
 Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 800–1200 m. WC, EC
- glandulosa** Burch. ex Lindl.
 Perennial. Herb, geophyte. Ht 0.06–0.2 m. Alt 600–1500 m. WC, EC
- gracilis* Lindl. = **D. chrysostachya**
graminifolia Ker Gawl. ex Spreng.
Herschelia coelestis Lindl. (4)
Herschelia graminifolia (Ker Gawl. ex Spreng.) T.Durand & Schinz (15)
Herschelianthe graminifolia (Ker Gawl. ex Spreng.) Rauschert (15)
 Perennial. Herb, geophyte. Ht 0.5–1 m. Alt 300–1000 m. WC, EC
- graminifolia** Ker Gawl. ex Spreng. × **D. ferruginea** (Thunb.) Sw.
Herschelianthe graminifolia (Ker Gawl. ex Spreng.) Rauschert × *D. ferruginea* (Thunb.) Sw. (9a)
 × *Herscheliodisa vogelpoelii* H.P.Linder (15)
 Perennial. Herb, geophyte. Ht up to 0.4 m. Alt ?–1000 m. WC
- grandiflora* L.f. = **D. uniflora**
gueinzii (Rchb.f.) Bolus = **Schizodium obliquum** subsp. **clavigerum**
hallackii Rolfe
D. stokoei L.Bolus (2)
 Perennial. Herb, geophyte. Ht up to 0.5 m. Alt ?–50 m. WC, EC
- harveiana** Lindl. subsp. **harveiana**
D. draconis in sense of authors, not of (L.f.) Sw. in part (15)
D. draconis (L.f.) Sw. var. *harveiana* (Lindl.) Schltr. (15)
 Perennial. Herb, geophyte. Ht up to 0.6 m. Alt ± 460–1500 m. WC
- harveiana** Lindl. subsp. **longicalcarata** S.D.Johnson & H.P.Linder
D. draconis in sense of authors, not of (L.f.) Sw. in part (15)
 Perennial. Herb, geophyte. Ht up to 0.6 m. Alt 500–900 m. NC, WC
- hemisphaerophora* Rchb.f. = **D. versicolor**
hians (L.f.) Spreng.
D. lacera Sw. (4)
D. lacera Sw. var. *multifida* N.E.Br. (4)
D. outeniquensis Schltr. (4)
Herschelia hians (L.f.) A.V.Hall (15)
Herschelia lacera (Sw.) Fourc. (4)
Herschelianthe hians (L.f.) Rauschert (15)
Herschelianthe lacera (Sw.) Rauschert (15)
Limodorum hians (L.f.) Thunb. (4)
Satyrium hians L.f. (4)
 Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt ?–1000 m. WC, EC
- hircicornis** Rchb.f.
D. amblyopetala Schltr. (6)
D. culveri Schltr. (2)
D. laeta Rchb.f. (2)
 Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 1000–1500 m. LIM, M, KZN
- huttonii* Rchb.f. = **D. sanguinea**
intermedia H.P.Linder
D. patula in sense of Compton (15)
 Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt ?–1360 m. S
- introrsa** Kurzweil, Liltved & H.P.Linder
 Perennial. Herb, geophyte. Ht up to 0.15 m. Alt ?–1000 m. WC
- jacottetiae* Kraenzl. = **D. crassicornis**
karooica S.D.Johnson & H.P.Linder
D. draconis in sense of authors, not of (L.f.) Sw. in part (15)
 Perennial. Herb, geophyte. Ht up to 0.6 m. Alt ?–1500 m. NC, WC
- kraussii* Rolfe = **D. pulchra**
lacera in sense of Schltr. = **D. venusta**
lacera Sw. = **D. hians**
lacera Sw. var. *multifida* N.E.Br. = **D. hians**
laeta Rchb.f. = **D. hircicornis**
leptostachys Sond. = **D. tenuis**
lineata Bolus
D. neglecta in sense of Schltr. (2)
 Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 600–1200 m. WC
- longicornu** L.f.
 Perennial. Herb, geophyte, lithophyte. Ht 0.1–0.2 m. Alt 600–1000 m. WC
- longifolia** Lindl.
 Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 600–1200 m. WC
- longipetala* (Lindl.) Bolus = **Schizodium longipetalum**
lugens Bolus var. **lugens**
Herschelia lugens (Bolus) Kraenzl. (15)
Herschelianthe lugens (Bolus) Rauschert (15)
 Perennial. Herb, geophyte. Ht 0.45–1 m. Alt ± 20–600 m. WC, EC
- lugens** Bolus var. **nigrescens** (H.P.Linder) H.P.Linder
Herschelia lugens (Bolus) Kraenzl. var. *nigrescens* H.P.Linder (15)
Herschelianthe lugens (Bolus) Rauschert var. *nigrescens* (H.P.Linder) N.C.Anthony (15)
 Perennial. Herb, geophyte. Ht 0.45–1 m. Alt ?–50 m. EC
- lutea* H.P.Linder = **D. tenuifolia**
macowanii Rchb.f. = **D. versicolor**
macrantha in sense of Weale = **D. crassicornis**
macrantha Sw. = **D. cornuta**
macroceras (Sond.) Rchb.f. = **Brownleea macroceras**
macrostachya in sense of Bolus (1911) = **D. reticulata**

macrostachya (Lindl.) Bolus*Monadenia macrostachya* Lindl. (15)

Perennial. Herb, geophyte. Ht up to 0.3 m. Alt ?–1500 m. NC

maculata Harv. ex Lindl. = **D. ocellata****maculata** L.f.*Schizodium maculatum* (L.f.) Lindl. (2)

Perennial. Herb, geophyte, lithophyte. Ht 0.06–0.3 m. Alt 600–1200 m. WC

maculomarronina McMurtry*D. versicolor* Rchb.f. × *D. hircicornis* Rchb.f. (15)

Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt ?–1680 m. M, KZN

marlothii Bolus

Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 600–1200 m. WC, EC

megaceras Hook.f. = **D. crassicornis***melaleuca* (Thunb.) Sw. = **D. bivalvata***micrantha* (Lindl.) Bolus = **D. bracteata****micropetala** Schltr.

Perennial. Herb, geophyte. Ht 0.06–0.3 m. Alt 600–1500 m. WC, EC

minax Kraenzl. = **D. galpinii****minor** (Sond.) Rchb.f.*Orthopenthea minor* (Sond.) Rolfe (2)*Penthea minor* Sond. (2)

Perennial. Herb, geophyte. Ht 0.05–0.1 m. Alt 1000–2000 m. WC

modesta Rchb.f. = **D. vaginata****montana** Sond.*D. poikilantha* Kraenzl. (2)*D. pulchra* Sond. var. *montana* (Sond.) Schltr. (2)

Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 1000–2400 m. EC

multifida Lindl.*D. charpentieriana* Rchb.f. (4)*Herschelia charpentieriana* (Rchb.f.) Kraenzl. (4)*Herschelia multifida* (Lindl.) Rolfe (15)*Herschelianthe charpentieriana* (Rchb.f.) Rauschert (15)*Herschelianthe multifida* (Lindl.) Rauschert (15)

Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt 330–1500 m. WC

multiflora (Sond.) Bolus = **D. densiflora***natalensis* Lindl. = **D. polygonoides***neglecta* in sense of Schltr. = **D. lineata****neglecta** Sond.

Perennial. Herb, geophyte. Ht 0.09–0.18 m. Alt ?–1200 m. WC

nervosa in sense of Bolus (1896) = **D. patula** var. **patula***nervosa* in sense of Bolus (1913) = **D. patula** var. **transvaalensis****nervosa** Lindl.*D. fanniniae* Rolfe (2)

Perennial. Herb, geophyte. Ht 0.4–0.85 m. Alt 300–2010 m. M, S, KZN, EC

newdigateae L.Bolus*Herschelia newdigateae* (L.Bolus) H.P.Linder (15)*Herschelianthe newdigateae* (L.Bolus) N.C.Anthony (15)

Perennial. Herb, geophyte. Ht up to 0.5 m. Alt? WC

nivea H.P.Linder

Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 2000–2500 m. KZN, L, EC

nubigena H.P.Linder

Perennial. Herb, geophyte. Ht 0.14–0.21 m. Alt ?–1000 m. WC

×**nuwebergensis** H.P.Linder (14)*D. tripetaloides* (L.f.) N.E.Br. × *D. caulescens* Lindl. (14)

Perennial. Herb, geophyte. Ht up to 0.3 m. Alt? WC

obliqua (Lindl.) Bolus = **Schizodium obliquum** subsp. **obliquum****obtusa** Lindl. subsp. **hottentotica** H.P.Linder

Perennial. Herb, geophyte. Ht 0.06–0.4 m. Alt 200–1500 m. WC

obtusa Lindl. subsp. **obtusa***D. tabularis* Sond. (2)

Perennial. Herb, geophyte. Ht 0.06–0.4 m. Alt ?–1000 m. WC

obtusa Lindl. subsp. **picta** (Sond.) H.P.Linder*D. pappei* Rolfe (2)*D. picta* Sond. (2)

Perennial. Herb, geophyte. Ht 0.06–0.4 m. Alt 300–1500 m. WC, EC

ocellata Bolus*D. maculata* Harv. ex Lindl. (2)

Perennial. Herb, geophyte. Ht 0.05–0.3 m. Alt 1000–1500 m. WC

oligantha Rchb.f.*D. parvilabris* Bolus (2)*Orthopenthea triloba* (Sond.) Rolfe (2)*Penthea triloba* Sond. (2)

Perennial. Herb, geophyte. Ht 0.04–0.15 m. Alt ?–1000 m. WC

ophrydea (Lindl.) Bolus*Brownleea pentheriana* Kraenzl. ex Zahlbr. (3)*Monadenia ophrydea* Lindl. (15)

Perennial. Herb, geophyte. Ht up to 0.4 m. Alt ?–1000 m. WC, EC

oreophila Bolus subsp. **erecta** H.P.Linder

Perennial. Herb, geophyte. Ht 0.1–0.35 m. Alt 2250–2700 m. KZN, L, EC

oreophila Bolus subsp. **oreophila**

Perennial. Herb, geophyte. Ht 0.1–0.35 m. Alt 1200–2100 m. M, FS, KZN, EC

outeniquensis Schltr. = **D. hians****ovalifolia** Sond.

Perennial. Herb, geophyte. Ht 0.05–0.25 m. Alt 100–1200 m. WC

×**paludicola** J.L.Stewart & J.C.Manning*D. chrysostachya* Sw. × *D. rhodantha* Schltr. (5)

Perennial. Herb, geophyte. Ht up to 0.65 m. Alt ?–1500 m. KZN

pappei Rolfe = **D. obtusa** subsp. **picta***parviflora* (Harv. ex Lindl.) Rchb.f. = **Brownleca parviflora***parvilabris* Bolus = **D. oligantha***patens* in sense of (L.f.) Thunb., not of Sw., misapplied name = **D. tenuifolia***patens* in sense of Sw., not of L.f. = **D. filicornis***patula* in sense of Compton = **D. intermedia****patula** Sond. var. **patula***D. nervosa* in sense of Bolus (1896) (15)*D. stenoglossa* Bolus (2)

Perennial. Herb, geophyte. Ht 0.25–0.6 m. Alt ?–2000 m. M, KZN, EC

patula Sond. var. **transvaalensis** Summerh.*D. gerrardii* Rolfe (2)*D. nervosa* in sense of Bolus (1913) (15)

Perennial. Herb, geophyte. Ht 0.25–0.6 m. Alt 200–1800 m. LIM, M, S, KZN, EC

physodes Sw.*D. cernua* (Thunb.) Sw., in part (2)*Monadenia physodes* (Sw.) Rchb.f. (15)Perennial. Herb, geophyte. Ht 0.25–0.6 m. Alt ?–1000 m.
WC*picta* Sond. = **D. obtusa** subsp. **picta****pillansii** L.Bolus

Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 600–1500 m. WC

poikilantha Kraenzl. = **D. montana****polygonoides** Lindl.*D. chrysostachya* in sense of Batten & Bokelmann (15)*D. natalensis* Lindl. (1)Perennial. Herb, geophyte. Ht 0.15–0.7 m. Alt 5–1000 m.
LIM, NW, G, M, S, KZN, EC**porrecta** Sw.*D. zeyheri* Sond. (2)

Perennial. Herb, geophyte. Ht 0.2–0.6 m. Alt 1000–2000 m. FS, L, EC

praetermissa Schltr. = **D. bracteata***prasinata* Ker Gawl. = **D. cernua****procera** H.P.Linder*D. excelsa* in sense of Lindl. (4)*Herschelia excelsa* in sense of Rolfe (4)

Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt? WC

propinqua Sond. = **D. spathulata** subsp. **spathulata***propinqua* Sond. var. *trifida* Sond. = **D. spathulata** subsp. **spathulata****pulchra** Sond.*D. kraussii* Rolfe (2)

Perennial. Herb, geophyte. Ht 0.25–0.6 m. Alt 1200–2100 m. FS, KZN, L, EC

pulchra Sond. var. *montana* (Sond.) Schltr. = **D. montana****pulchra** Sond. × **D. montana** Sond.

Perennial. Herb, geophyte. Ht? Alt? KZN

purpurascens Bolus*Herschelia purpurascens* (Bolus) Kraenzl. (15)*Herschelianthe purpurascens* (Bolus) Rauschert (15)

Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt ?–300 m. WC

pygmaea Bolus*Monadenia pygmaea* (Bolus) T.Durand & Schinz (15)

Perennial. Herb, geophyte. Ht 0.045–0.15 m. Alt ?–1000 m. WC

racemosa L.f.*D. racemosa* L.f. var. *isopetala* Bolus (2)*D. secunda* (Thunb.) Sw. (2)*Satyrium secundum* Thunb. (2)Perennial. Herb, geophyte. Ht 0.3–1 m. Alt 5–1200 m.
WC, EC*racemosa* L.f. var. *isopetala* Bolus = **D. racemosa***racemosa* L.f. var. *venosa* (Sw.) Schltr. = **D. venosa****racemosa** L.f. × **D. ?atricapilla** (Harv. ex Lindl.) Bolus (15)

Perennial. Herb, geophyte. Ht? Alt? WC

recurvata (Sond.) Rchb.f. = **Brownleea recurvata***reflexa* (Lindl.) Rchb.f. = **D. filicornis****reticulata** Bolus*D. macrostachya* in sense of Bolus (1911) (15)*Monadenia reticulata* (Bolus) T.Durand & Schinz (3)Perennial. Herb, geophyte. Ht 0.08–0.4 m. Alt ?–1700 m.
WC**rhodantha** Schltr.

Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt 1500–2000 m. LIM, M, KZN, EC

richardiana Lehm. ex Bolus*Orthopenthea obtusa* (Lindl.) Schelpe (2)*Orthopenthea richardiana* (Lehm. ex Bolus) Rolfe (2)*Penthea obtusa* Lindl. (2)

Perennial. Herb, geophyte. Ht 0.04–0.3 m. Alt 1000–1500 m. WC

rosea Lindl.*Orthopenthea rosea* (Lindl.) Rolfe (2)Perennial. Herb, geophyte, lithophyte. Ht 0.06–0.2 m.
Alt 600–1000 m. WC**rufescens** (Thunb.) Sw.*Monadenia lancifolia* Sond. (3)*Monadenia leptostachya* Sond. (3)*Monadenia macrocera* Lindl. (3)*Monadenia rufescens* (Thunb.) Lindl. (15)*Satyrium rufescens* Thunb. (3)Perennial. Herb, geophyte. Ht 0.14–0.4 m. Alt ?–1000 m.
WC*rungweensis* Schltr. subsp. *rhodesiaca* (Summerh.) Summerh.
= **D. zimbabweensis****sabulosa** Bolus*Monadenia sabulosa* (Bolus) Kraenzl. (15)Perennial. Herb, geophyte. Ht 0.08–0.1 m. Alt ?–1200 m.
WC**sabulosa** Bolus × **D. atrorubens** Schltr.*Monadenia sabulosa* (Bolus) Kraenzl. × *M. atrorubens* (Schltr.) Rolfe (3)

Perennial. Herb, geophyte. Ht? Alt? WC

sagittalis (L.f.) Sw.*D. attenuata* Lindl. (2)*Orchis sagittalis* L.f. (2)*Satyrium sagittale* (L.f.) Thunb. (2)Perennial. Herb, geophyte. Ht 0.07–0.6 m. Alt ?–1000 m.
WC, EC*sagittalis* (L.f.) Sw. var. *triloba* (Lindl.) Schltr. = **D. triloba****salteri** G.J.LewisPerennial. Herb, geophyte. Ht up to 0.6 m. Alt ?–1000 m.
WC**sanguinea** Sond.*D. huttonii* Rchb.f. (2)

Perennial. Herb, geophyte. Ht 0.2–0.8 m. Alt? KZN, EC

sankeyi Rolfe*D. basatorum* in sense of Kraenzl., not of Schltr. (1)

Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 2400–3000 m. S, KZN, L, EC

saxicola Schltr.Perennial. Herb, geophyte, lithophyte. Ht 0.1–0.4 m.
Alt 960–2800 m. LIM, M, S**schizodioides** Sond.*Orthopenthea schizodioides* (Sond.) Rolfe (2)Perennial. Herb, geophyte, lithophyte. Ht 0.05–0.25 m.
Alt 1000–1800 m. WC**schlechteriana** Bolus*Herschelia schlechteriana* (Bolus) H.P.Linder (15)*Herschelianthe schlechteriana* (Bolus) N.C.Anthony (15)

Perennial. Herb, geophyte. Ht up to 0.6 m. Alt 300–1000 m. WC

scullyi Bolus*D. cooperi* Rchb.f. var. *scullyi* (Bolus) Schltr. in part (2)

Perennial. Herb, geophyte. Ht up to 0.5 m. Alt 1500–2000 m. KZN, EC

secunda (Thunb.) Sw. = **D. racemosa**

similis Summerh.

Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt ?–300 m.
KZN, EC

spathulata (L.f.) Sw. subsp. **spathulata**

D. atropurpurea Sond. (4)
D. propinqua Sond. (4)
D. propinqua Sond. var. *trifida* Sond. (4)
D. spathulata (L.f.) Sw. var. *atropurpurea* (Sond.) Schltr. (4)
Herschelia atropurpurea (Sond.) Rolfe (15)
Herschelia spathulata (L.f.) Rolfe subsp. *spathulata* (15)
Herschelianthe atropurpurea (Sond.) Rauschert (15)
Herschelianthe spathulata (L.f.) Rauschert subsp. *spathulata* (3)
Orchis spathulata L.f. (4)
Satyrium spathulatum (L.f.) Thunb. (4)
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt 150–1000 m. NC, WC

spathulata (L.f.) Sw. subsp. **tripartita** (Lindl.) H.P.Linder

D. tripartita Lindl. (4)
Herschelia spathulata (L.f.) Rolfe subsp. *tripartita* (Lindl.) H.P.Linder (15)
Herschelia tripartita (Lindl.) Rolfe (4)
Herschelianthe spathulata (L.f.) Rauschert subsp. *tripartita* (Lindl.) N.C.Anthony (15)
Herschelianthe tripartita (Lindl.) Rauschert (15)
Perennial. Herb, geophyte. Ht 0.12–0.3 m. Alt ?–800 m. WC

spathulata (L.f.) Sw. var. *atropurpurea* (Sond.) Schltr. =
D. spathulata subsp. **spathulata**

stachyoides Rchb.f.

Monadenia leydenburgensis Kraenzl. (2)
Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 1000–2000 m. LIM, M, S, FS, KZN, L, EC

stenoglossa Bolus = **D. patula** var. **patula**

stokoei L.Bolus = **D. hallackii**

stricta Sond.

Perennial. Herb, geophyte. Ht 0.15–0.45 m. Alt 1800–2400 m. KZN, L, EC

subtenuicornis H.P.Linder

Perennial. Herb, geophyte. Ht 0.13–0.25 m. Alt ?–1200 m. WC

tabularis Sond. = **D. obtusa** subsp. **obtusa**

telipogonis Rchb.f.

Orthopenthea telipogonis (Rchb.f.) Rolfe (2)
Perennial. Herb, geophyte. Ht 0.03–0.25 m. Alt 300–1500 m. WC

tenella (L.f.) Sw. subsp. **pusilla** H.P.Linder

Perennial. Herb, geophyte. Ht 0.03–0.15 m. Alt 300–1200 m. WC

tenella (L.f.) Sw. subsp. **tenella**

Orchis tenella L.f. (2)
Orchis tenuifolia Burm.f. (2)
Satyrium tenellum (L.f.) Thunb. (2)
Perennial. Herb, geophyte. Ht 0.03–0.15 m. Alt ?–200 m. WC

tenella (L.f.) Sw. var. *brachyceras* (Lindl.) Schltr. = **D. brachyceras**

tenuicornis Bolus

Perennial. Herb, geophyte. Ht 0.12–0.5 m. Alt 700–1200 m. WC

tenuifolia Sw.

D. lutea H.P.Linder (15)
D. patens in sense of (L.f.) Thunb., not of Sw., misapplied name (12)
Ophrys patens L.f. (2)
Penthea patens (L.f.) Lindl. (2)
Serapias patens (L.f.) Thunb. (2)
Perennial. Herb, geophyte. Ht 0.05–0.3 m. Alt 5–1800 m. WC

tenuis Lindl.

Amphigena leptostachys (Sond.) Rolfe (2)
Amphigena tenuis (Lindl.) Rolfe (2)
D. leptostachys Sond. (2)
Monadenia tenuis (Lindl.) Kraenzl. (2)
Perennial. Herb, geophyte. Ht up to 0.5 m. Alt ?–1000 m. WC

thodei Schltr. ex Kraenzl.

Perennial. Herb, geophyte. Ht 0.15–0.6 m. Alt 1800–3000 m. M, KZN, L, EC

torta (Thunb.) Sw. = **Schizodium satyrioides**

triloba Lindl.

D. sagittalis (L.f.) Sw. var. *triloba* (Lindl.) Schltr. (2)
Perennial. Herb, geophyte. Ht 0.06–0.2 m. Alt 1000–1500 m. WC

tripartita Lindl. = **D. spathulata** subsp. **tripartita**

tripetaloides (L.f.) N.E.Br.

D. excelsa (Thunb.) Sw., superfluous name (2)
D. falcata Schltr. (2)
D. tripetaloides (L.f.) N.E.Br. subsp. *tripetaloides* (15)
D. venosa in sense of Lindl., not of Sw., superfluous name (2)
Orchis tripetaloides L.f. (2)
Satyrium excelsum Thunb. (2)
Perennial. Herb, geophyte. Ht 0.1–0.6 m. Alt 75–1500 m. KZN, WC, EC

tripetaloides (L.f.) N.E.Br. subsp. *aurata* (Bolus) H.P.Linder = **D. aurata**

tripetaloides (L.f.) N.E.Br. subsp. *tripetaloides* = **D. tripetaloides**

tripetaloides (L.f.) N.E.Br. var. *aurata* Bolus = **D. aurata**

tripetaloides (L.f.) N.E.Br. × *D. caulescens* Lindl. = **D. ×nuwebergensis**

tysonii Bolus

Perennial. Herb, geophyte. Ht 0.2–0.6 m. Alt 100–3000 m. KZN, L, WC, EC

uncinata Bolus

Perennial. Herb, geophyte. Ht 0.1–0.5 m. Alt 100–1000 m. WC, EC

uniflora P.J.Bergius

D. grandiflora L.f. (2)
Satyrium grandiflora (L.f.) Thunb. (2)
Perennial. Herb, geophyte. Ht 0.15–0.6 m. Alt 100–1200 m. WC

uniflora P.J.Bergius × *D. caulescens* Lindl. = **D. ×brendae**

vaginata Harv. ex Lindl.

D. modesta Rchb.f. (2)
Perennial. Herb, geophyte. Ht 0.05–0.2 m. Alt 300–1300 m. WC, EC

vasselotii Bolus ex Schltr.

Perennial. Herb, geophyte. Ht 0.08–0.25 m. Alt 600–1300 m. WC, EC

venosa in sense of Lindl., not of Sw., superfluous name = **D. tripetaloides**

venosa Sw.

D. racemosa L.f. var. *venosa* (Sw.) Schltr. (2)
Perennial. Herb, geophyte. Ht 0.3–0.5 m. Alt 600–1250 m. WC

venusta Bolus

D. lacera in sense of Schltr. (15)
Herschelia venusta (Bolus) Kraenzl. (15)
Herschelianthe venusta (Bolus) Rauschert (15)
Perennial. Herb, geophyte. Ht 0.3–0.6 m. Alt ?–50 m. WC, EC

versicolor Rchb.f.*D. hemisphaerophora* Rchb.f. (2)*D. macowanii* Rchb.f. (2)

Perennial. Herb, geophyte. Ht 0.2–0.7 m. Alt ?–2400 m. LIM, G, M, S, FS, KZN, L, EC

versicolor Rchb.f. × *D. hircicornis* Rchb.f. = **D. maculomarronina****virginalis** H.P.Linder

Perennial. Herb, geophyte, lithophyte. Ht? Alt ?–1000 m. WC

welwitschii Rchb.f. subsp. **welwitschii***D. breyeri* Schltr. (1)

Perennial. Herb, geophyte. Ht 0.2–1 m. Alt ?–1500 m. LIM, S

woodii Schltr.

Perennial. Herb, geophyte. Ht 0.15–0.7 m. Alt 5–1220 m. LIM, G, M, S, KZN, EC

zeyheri Sond. = **D. porrecta****zimbabwensis** H.P.Linder*D. rungweensis* Schltr. subsp. *rhodesiaca* (Summerh.) Summerh. (2)

Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt ?–2000 m. M

zuluensis Rolfe

Perennial. Herb, geophyte. Ht up to 0.6 m. Alt 500–1400 m. M, KZN

DISPERIS Sw.

1437000

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 195–210.(2) Manning. 1990. *South African Journal of Botany* 56: 493–496.(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 299–320.*allisonii* Rolfe = **D. cooperi***anomala* Schltr. = **D. stenoplectron****anthoceros** Rchb.f.*D. hamadryas* Schltr. (1)

Perennial. Herb, geophyte. Ht 0.09–0.27 m. Alt 600–1800 m. LIM, NW, G, M, S, KZN

bicolor Rolfe = **D. tysonii****bodkinii** Bolus

Perennial. Herb, geophyte. Ht 0.04–0.15 m. Alt 25–760 m. WC

bolusiana Schltr. ex Bolus subsp. **bolusiana***D. purpurata* Rchb.f. var. *parviflora* Bolus (2)*D. purpurata* Rchb.f. var. *parvifolia* Bolus (2)

Perennial. Herb, geophyte. Ht 0.06–0.26 m. Alt 60–1200 m. WC

bolusiana Schltr. ex Bolus subsp. **macrocorys** (Rolfe)

J.C.Manning

D. macrocorys Rolfe (2)

Perennial. Herb, geophyte. Ht 0.06–0.26 m. Alt 900–1000 m. WC

buchananii Rolfe = **D. cooperi****capensis** (L.f.) Sw. var. **brevicaudata** Rolfe*Dipera tenera* Spreng. in part (3)

Perennial. Herb, geophyte. Ht up to 0.4 m. Alt 350–1100 m. WC, EC

capensis (L.f.) Sw. var. **capensis***Arethusa capensis* L.f. (3)*Dipera tenera* Spreng. in part (3)*D. capensis* (L.f.) Sw. var. *tenera* (Spreng.) Sond. (3)

Perennial. Herb, geophyte. Ht 0.07–0.65 m. Alt 10–1100 m. WC, EC

capensis (L.f.) Sw. var. *tenera* (Spreng.) Sond. = **D. capensis** var. **capensis****cardiophora** Harv.

Perennial. Herb, geophyte. Ht 0.11–0.26 m. Alt 500–2500 m. M, KZN, EC

circumflexa (L.) T.Durand & Schinz subsp. **aemula** (Schltr.) J.C.Manning*D. circumflexa* (L.) T.Durand & Schinz var. *aemula* (Schltr.) Kraenzl. (3)*D. secunda* (Thunb.) Sw. var. *aemula* Schltr. (3)

Perennial. Herb, geophyte. Ht up to 0.28 m. Alt 150–800 m. NC, WC

circumflexa (L.) T.Durand & Schinz subsp. **circumflexa***Arethusa secunda* Thunb., illegitimate name (3)*D. circumflexa* (L.) T.Durand & Schinz var. *circumflexa* (3)*D. secunda* (Thunb.) Sw. (3)*Orchis circumflexa* L. (3)

Perennial. Herb, geophyte. Ht 0.08–0.25 m. Alt 100–1000 m. WC

circumflexa (L.) T.Durand & Schinz var. *aemula* (Schltr.)Kraenzl. = **D. circumflexa** subsp. **aemula***circumflexa* (L.) T.Durand & Schinz var. *circumflexa* =**D. circumflexa** subsp. **circumflexa****concinna** Schltr.

Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 1400–2300 m. G, M, KZN

cooperi Harv.*D. allisonii* Rolfe (1)*D. buchananii* Rolfe (1)*D. ermelenis* Rolfe (1)

Perennial. Herb, geophyte. Ht 0.14–0.38 m. Alt 1200–2100 m. M, FS, KZN

cucullata Sw.

Perennial. Herb, geophyte. Ht 0.06–0.2 m. Alt 30–350 m. WC

disaeformis Schltr.

Perennial. Herb, geophyte. Ht 0.07–0.15 m. Alt 350–1000 m. LIM, KZN, WC, EC

ermelenis Rolfe = **D. cooperi****fanniniae** Harv.

Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt 150–2100 m. LIM, M, S, FS, KZN, L, EC

flava Rolfe = **D. wealei***gracilis* Schltr. = **D. wealei***hamadryas* Schltr. = **D. anthoceros****johnstonii** Rolfe

Perennial. Herb, geophyte. Ht 0.045–0.15 m. Alt 50–600 m. KZN

kermesina Rolfe = **D. tysonii****lindleyana** Rchb.f.

Perennial. Herb, geophyte. Ht 0.14–0.3 m. Alt 750–1950 m. LIM, M, S, KZN, WC, EC

macowanii Bolus

Perennial. Herb, geophyte. Ht 0.07–0.12 m. Alt 1500–2500 m. LIM, KZN, WC, EC

macrocorys Rolfe = **D. bolusiana** subsp. **macrocorys****micrantha** Lindl.

Perennial. Herb, geophyte. Ht 0.06–0.18 m. Alt 550–1200 m. LIM, G, M, S, KZN, EC

namaquensis Bolus = **D. purpurata** subsp. **purpurata***natalensis* Rolfe = **D. stenoplectron***nelsonii* Rolfe = **D. virginalis****oxyglossa** Bolus

- Perennial. Herb, geophyte. Ht 0.16–0.33 m. Alt 1200–2700 m. KZN, EC
- paludosa** Harv. ex Lindl.
Perennial. Herb, geophyte. Ht 0.2–0.46 m. Alt 20–1050 m. WC, EC
- purpurata** Rchb.f. subsp. **pallescens** Bruyns
Perennial. Herb, geophyte. Ht 0.045–0.14 m. Alt ?–1350 m. NC
- purpurata** Rchb.f. subsp. **purpurata**
D. namaquensis Bolus (3)
Perennial. Herb, geophyte. Ht 0.045–0.14 m. Alt 800–1500 m. NC, WC
- purpurata* Rchb.f. var. *parviflora* Bolus = **D. bolusiana** subsp. **bolusiana**
- purpurata* Rchb.f. var. *parvifolia* Bolus = **D. bolusiana** subsp. **bolusiana**
- renibractea** Schltr.
Perennial. Herb, geophyte. Ht 0.09–0.28 m. Alt 1300–2800 m. M, KZN, EC
- secunda* (Thunb.) Sw. = **D. circumflexa** subsp. **circumflexa**
secunda (Thunb.) Sw. var. *aemula* Schltr. = **D. circumflexa** subsp. **aemula**
- stenoglossa* Schltr. = **D. woodii**
- stenoplectron** Rchb.f.
D. anomala Schltr. (1)
D. natalensis Rolfe (1)
Perennial. Herb, geophyte. Ht 0.14–0.23 m. Alt 1200–2850 m. M, KZN, L, EC
- thorncroftii** Schltr.
Perennial. Herb, geophyte. Ht 0.1–0.26 m. Alt 900–3050 m. M, KZN, WC, EC
- tysonii** Bolus
D. bicolor Rolfe (1)
D. kermesina Rolfe (1)
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 1200–3050 m. M, S, KZN, L, EC
- villosa** (L.f.) Sw.
Arethusa villosa L.f. (3)
Perennial. Herb, geophyte. Ht 0.06–0.18 m. Alt 20–210 m. WC, EC
- virginalis** Schltr.
D. nelsonii Rolfe (1)
Perennial. Herb, geophyte. Ht 0.13–0.21 m. Alt ?–2040 m. LIM
- wealei** Rchb.f.
D. flava Rolfe (1)
D. gracilis Schltr. (1)
Perennial. Herb, geophyte. Ht 0.14–0.3 m. Alt 1500–2700 m. LIM, M, KZN, L, EC
- woodii** Bolus
D. stenoglossa Schltr. (2)
Perennial. Herb, geophyte. Ht 0.04–0.15 m. Alt 2–1800 m. KZN, EC
- DRACOMONTICOLA** H.P.Linder 1431010 & Kurzweil
(1) Linder & Kurzweil. 1995. *Willdenowia* 25: 229–234.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 87.
- virginea** (Bolus) H.P.Linder & Kurzweil
Brachycorythis virginea (Bolus) Rolfe (1)
Neobolusia virginea (Bolus) Schltr. (1)
Platanthera virginea Bolus (1)
Perennial. Herb, geophyte. Ht up to 0.25 m. Alt 1500–3100 m. FS, KZN, L, EC
- DRYOPEIA** Thouars = **DISPERIS**
- EPIDENDRUM** L. 1614000
capense L.f. = **Mystacidium capense**
distichum Lam. = **Oberonia disticha**
umbellatum G.Forst. = **Bulbophyllum umbellatum**
- EPIPHORA** Lindl. 1566000
pubescens Lindl. = **Polystachya pubescens**
- ERPORCHIS** Thouars = **PLATYLEPIS**
- ERPORKIS** Thouars = **PLATYLEPIS**
- EULOPHIA** R.Br. ex Lindl. 1648000
(1) Hall. 1965. *Journal of South African Botany*, Suppl. 5: 1–248.
(2) Stewart et al. 1982. *Wild Orchids of southern Africa*: 229–251.
(3) Cribb. 1989. *FTEA* Orchidaceae: 422–480.
(4) Thomas. 1998. *Kew Bulletin* 53: 1005–1007.
(5) La Croix & Cribb. 1998. *FZ* 11: 458–537.
(6) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 363–395.
- aculeata** (L.f.) Spreng. subsp. **aculeata**
Cymbidium aculeatum (L.f.) Sw. (1)
Cymbidium pedicellatum (L.f.) Sw. (1)
Cymbidium plicatum Harv. ex Lindl. (1)
Cyrtopera pedicellata (L.f.) Lindl. (1)
E. capensis in sense of Bolus (6)
E. culveri Schltr. (1)
E. pedicellata (L.f.) Spreng. (1)
Satyrium aculeatum L.f. (1)
Satyrium pedicellatum L.f. (1)
Serapias aculeata (L.f.) Thunb. (1)
Serapias pedicellata (L.f.) Thunb. (1)
Perennial. Herb, geophyte. Ht 0.06–0.65 m. Alt 60–1830 m. M, S, L, WC, EC
- aculeata** (L.f.) Spreng. subsp. **huttonii** (Rolfe) A.V.Hall
E. huttonii Rolfe (1)
E. oliveriana Bolus (6)
Perennial. Herb, geophyte. Ht 0.06–0.65 m. Alt 670–2200 m. M, S, FS, KZN, EC
- acuminata** Rolfe = **E. calanthoides**
- adenoglossa** (Lindl.) Rchb.f.
Cymbidium adenoglossum Lindl. (3)
E. nigricans Schltr. (3)
Perennial. Herb, geophyte. Ht 0.3–0.9 m. Alt 700–1370 m. G, M, KZN
- aemula** Schltr. = **E. hians** var. **nutans**
- aequalis** (Lindl.) Bolus = **E. parviflora**
- aliwalensis** Rolfe = **E. hians** var. **inaequalis**
- allisonii** Rolfe = **E. calanthoides**
- amajubae** Schltr. = **E. hians** var. **nutans**
- amplipetala** Schltr. = **E. parvilabris**
- angolensis** (Rchb.f.) Summerh.
Cymbidium angolense Rchb.f. (1)
E. buchanani (Rchb.f.) Bolus (1)
Lissochilus angolensis (Rchb.f.) Rchb.f. (1)
Lissochilus buchanani Rchb.f. (1)
Perennial. Herb, geophyte. Ht 0.45–2 m. Alt 3–1310 m. B, LIM, M, S, KZN, EC
- antennata** Schltr. = **E. longispala**
- arenaria** (Lindl.) Bolus = **E. cucullata**
- arenicola** Schltr.
Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt ?–1000 m. B
- austrooccidentalis** Sölch = **E. speciosa**

- bainesii* Rolfe = **E. ovalis** var. **bainesii**
bakeri Rolfe = **E. ovalis** var. **ovalis**
barbata in sense of Bolus, not of (Thunb.) Spreng., misapplied name = **E. hians** var. **nutans**
barbata (Thunb.) Spreng. = **Acrolophia barbata**
bicolor in sense of Rchb.f. & Sond., not of Dalzell, also not of Blume = **E. welwitschii**
bilamellata Schltr. = **E. parviflora**
bilamellata Schltr. var. *euryceras* Schltr. = **E. parviflora**
boltoni Harv. ex Rolfe = **E. foliosa**
brachystyla Schltr. = **E. zeyheriana**
buchanani in sense of (Rchb.f.) T.Durand & Schinz, not of (Rchb.f.) Bolus = **E. foliosa**
buchanani (Rchb.f.) Bolus = **E. angolensis**
bulbinoides Schltr. = **E. milnei**
caffra Rchb.f. = **E. petersii**
calanthoides Schltr.
E. acuminata Rolfe (1)
E. allisonii Rolfe (1)
E. subintegra Rolfe (1)
Perennial. Herb, geophyte. Ht 0.3–0.8 m. Alt ?–1890 m. M, FS, KZN, EC
- callichroma** Rchb.f.
Acrolophia paniculata P.J.Cribb (3)
Perennial. Herb, geophyte, succulent. Ht up to 0.5 m. Alt? S
- capensis* in sense of Bolus = **E. aculeata** subsp. **aculeata**
carunculifera Rchb.f. = **E. hians** var. **nutans**
- chlorantha** Schltr.
Perennial. Herb, geophyte. Ht 0.09–0.35 m. Alt ?–1525 m. M, S
- chrysantha* Schltr. = **E. odontoglossa**
chrysops Summerh. = **E. schweinfurthii**
circinnata Rolfe = **E. petersii**
clavicornis Lindl. var. *clavicornis* = **E. hians** var. **hians**
clavicornis Lindl. var. *inaequalis* (Schltr.) A.V.Hall = **E. hians** var. **inaequalis**
clavicornis Lindl. var. *nutans* (Sond.) A.V.Hall = **E. hians** var. **nutans**
- clitellifera** (Rchb.f.) Bolus
Lissochilus clitellifer Rchb.f. (1)
Lissochilus rehmannii Rolfe (1)
Perennial. Herb, geophyte, succulent. Ht 0.13–0.35 m. Alt 655–1380 m. LIM, NW, G, M, S, FS, KZN, EC
- cochlearis* Lindl. = **Acrolophia cochlearis**
- coddii** A.V.Hall
Perennial. Herb, geophyte. Ht 0.28–0.45 m. Alt ?–1675 m. LIM, G
- coeloglossa** Schltr.
Perennial. Herb, geophyte. Ht up to 0.6 m. Alt ± 30–100 m. KZN, EC
- collina* Schltr. = **E. tenella**
comosa Sond. = **Acrolophia capensis**
complanata I.Verd. = **E. ovalis** var. **bainesii**
- cooperi** Rchb.f.
E. fragrans Schltr. (1)
E. robusta Rolfe in part (1)
E. sankeyi Rolfe (1)
Perennial. Herb, geophyte. Ht 0.16–0.37 m. Alt ?–1705 m. LIM, G, M, FS
- corallorrhiziformis* Schltr. = **E. milnei**
- cucullata** (Afzel. ex Sw.) Steud.
E. arenaria (Lindl.) Bolus (1)
Limodorum cucullatum Afzel. ex Sw. (1)
Lissochilus amabilis Schltr. (1)
Lissochilus arenarius Lindl. (1)
Perennial. Herb, geophyte. Ht 0.25–0.5 m. Alt 30–155 m. KZN
- culveri* Schltr. = **E. aculeata** subsp. **aculeata**
decaryana H.Perrier = **Oeceoclades decaryana**
decurva Schltr. = **E. hians** var. **nutans**
deflexa Rolfe = **E. ovalis** var. **ovalis**
dissimilis R.A.Dyer = **Oeceoclades lonchophylla**
dregeana Lindl. = **E. ovalis** var. **ovalis**
dregeana Lindl. var. *angustior* Sond. = **E. ovalis** var. **ovalis**
durbanensis Rolfe = **E. odontoglossa**
elegantula Rolfe = **E. parviflora**
emarginata Lindl. = **E. hians** var. **hians**
engleri Rolfe = **E. hians** var. **inaequalis**
- ensata** Lindl.
Perennial. Herb, geophyte. Ht 0.25–1 m. Alt 5–1525 m. LIM, M, S, KZN, EC
- ernestii* Schltr. = **E. hians** var. **nutans**
- flaccida* Schltr. = **E. tenella**
- flanagani* Bolus = **E. hians** var. **nutans**
- foliosa** (Lindl.) Bolus
Cymbidium buchmanii Rchb.f. (1)
Cyrtopera foliosa Lindl. (1)
E. boltoni Harv. ex Rolfe (1)
E. buchmanii in sense of (Rchb.f.) T.Durand & Schinz, not of (Rchb.f.) Bolus (1)
E. inamoena Kraenzl. (1)
E. reichenbachiana Bolus (1)
Perennial. Herb, geophyte. Ht 0.15–0.45 m. Alt ?–2000 m. LIM, G, M, S, FS, KZN, L, EC
- fragrans* Schltr. = **E. cooperi**
- fridericii** (Rchb.f.) A.V.Hall
Lissochilus fridericii Rchb.f. (1)
Lissochilus latifolius Schltr. (1)
Perennial. Herb, geophyte. Ht 0.25–0.6 m. Alt 765–915 m. N, LIM, M
- galpinii* Schltr. = **E. hians** var. **nutans**
gladioloides Rolfe = **E. hians** var. **nutans**
- guineensis** Lindl.
Perennial. Herb, geophyte. Ht 0.15–0.65 m. Alt ?–950 m. B
- haygarthii* Rolfe = **E. ovalis** var. **ovalis**
- hereroensis** Schltr.
E. pillansii Bolus (1)
Perennial. Herb, geophyte, succulent. Ht 0.25–0.55 m. Alt 715–1210 m. N, B, LIM, NW, G, FS, NC, EC
- hians** Spreng. var. **hians**
E. clavicornis Lindl. var. *clavicornis* (4)
E. emarginata Lindl. (1)
E. obcordata Rolfe (1)
E. robusta Rolfe in part (1)
E. violacea Rchb.f. (1)
Graphorchis clavicornis (Lindl.) Kuntze (1)
Graphorchis emarginata (Lindl.) Kuntze (1)
Perennial. Herb, geophyte. Ht 0.11–0.92 m. Alt 60–2135 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

hians Spreng. var. **inaequalis** (Schltr.) S.Thomas

- E. aliwalensis* Rolfe (1)
E. clavicornis Lindl. var. *inaequalis* (Schltr.) A.V.Hall (4)
E. engleri Rolfe (1)
E. inaequalis Schltr. (1)
E. longipes Rolfe (1)
E. transvaalensis Rolfe (1)
E. watkinsonii Rolfe (1)
 Perennial. Herb, geophyte. Ht 0.11–0.92 m. Alt ± 50–1675 m. LIM, G, M, S, FS, KZN, L, EC

hians Spreng. var. **nutans** (Sond.) S.Thomas

- E. aemula* Schltr. (1)
E. amajubae Schltr. (1)
E. barbata in sense of Bolus, not of (Thunb.) Spreng., misapplied name (1)
E. carunculifera Rchb.f. (1)
E. clavicornis Lindl. var. *nutans* (Sond.) A.V.Hall (4)
E. decurva Schltr. (1)
E. ernestii Schltr. (1)
E. flanagani Bolus (1)
E. galpinii Schltr. (1)
E. gladioloides Rolfe (1)
E. laxiflora Schltr. (1)
E. nelsonii Rolfe (1)
E. nutans Sond. (1)
E. purpurascens Rolfe (1)
E. triloba Rolfe (1)
 Perennial. Herb, geophyte. Ht 0.19–0.92 m. Alt 6–1950 m. B, LIM, NW, G, M, S, FS, KZN, L, EC

holubii Rolfe

- Perennial. Herb, geophyte. Ht up to 0.3 m. Alt ?–1000 m. B

horsfallii (Bateman) Summerh.

- Lissochilus horsfallii* Bateman (1)
Lissochilus sandersonii Rchb.f. (1)
Lissochilus transvaalensis Rolfe (1)
 Perennial. Herb, geophyte, succulent. Ht 0.6–2 m. Alt 10–920 m. B, LIM, M, KZN

huttonii Rolfe = **E. aculeata** subsp. **huttonii***inaequalis* Schltr. = **E. hians** var. **inaequalis***inamoena* Kraenzl. = **E. foliosa***inandensis* Rolfe = **E. parviflora***jumelleana* Schltr. = **E. livingstoneana***krebsii* (Rchb.f.) Bolus = **E. streptopetala***krebsii* (Rchb.f.) Bolus var. *purpurata* (Ridl.) Bolus = **E. streptopetala****kyimbilae** Schltr.

- Perennial. Herb, geophyte. Ht 0.35–0.85 m. Alt ?–1000 m. B

lamellata Lindl. = **Acrolophia lamellata****latilabris** Summerh.

- Lissochilus schweinfurthii* Rchb.f. (6)
 Perennial. Herb, geophyte. Ht up to 1.3 m. Alt ?–1000 m. B

latipetala Rolfe = **E. parvilabris***laxiflora* Schltr. = **E. hians** var. **nutans****leachii** Greatrex ex A.V.Hall

- Perennial. Herb, geophyte, succulent. Ht 0.45–0.6 m. Alt ?–1220 m. N, LIM, G, KZN

leontoglossa Rchb.f.

- E. stanantha* Schltr. (1)
 Perennial. Herb, geophyte. Ht 0.06–0.45 m. Alt 45–2075 m. LIM, G, M, S, FS, KZN, L, EC

leucantha (Kraenzl.) Sölch = **E. speciosa***lissochiloides* Lindl. = **E. platypetala****litoralis** Schltr.

- Perennial. Herb, geophyte. Ht 0.2–0.66 m. Alt 15–610 m. WC

livingstoneana (Rchb.f.) Schltr.

- E. jumelleana* Schltr. (3)
E. robusta in sense of Schltr. (6)
Lissochilus jumelleanus (Schltr.) Schltr. (3)
Lissochilus livingstoneanus Rchb.f. (3)
 Perennial. Herb, geophyte. Ht 0.3–0.7 m. Alt ?–1000 m. N, B, LIM

lonchophylla Rchb.f. = **Oeceoclades lonchophylla***longicornis* (Thunb.) Spreng., illegitimate name = **Mystacidium capense***longipes* Rolfe = **E. hians** var. **inaequalis****longisepala** Rendle

- E. antennata* Schltr. (3)
 Perennial. Herb, geophyte. Ht 0.2–0.63 m. Alt 20–105 m. KZN

lunata Schltr. = **Acrolophia barbata***mackenii* Rolfe ex Hemsl. = **Oeceoclades mackenii****macowanii** Rolfe

- E. schnelliae* L.Bolus (1)
 Perennial. Herb, geophyte. Ht 0.23–0.4 m. Alt 30–610 m. KZN, EC

meleagris Rchb.f.

- Perennial. Herb, geophyte. Ht 0.2–0.8 m. Alt ?–2000 m. KZN, EC

micrantha Lindl. = **Acrolophia micrantha****milnei** Rchb.f.

- E. bulbinooides* Schltr. (1)
E. corallorrhiziformis Schltr. (1)
 Perennial. Herb, geophyte. Ht 0.18–0.52 m. Alt 30–1555 m. LIM, NW, G, M, S, KZN

natalensis Rchb.f. = **E. tenella***nelsonii* Rolfe = **E. hians** var. **nutans***nigricans* Schltr. = **E. adenoglossa***nutans* in sense of Bolus = **E. tenella***nutans* Sond. = **E. hians** var. **nutans***obcordata* Rolfe = **E. hians** var. **hians****odontoglossa** Rchb.f.

- Cyrtopera papillosa* Rolfe (1)
E. chrysantha Schltr. (1)
E. durbanensis Rolfe (1)
E. papillosa (Rolfe) Schltr. (1)
Graphorchis odontoglossa (Rchb.f.) Kuntze (1)
 Perennial. Herb, geophyte. Ht 0.5–0.9 m. Alt 2–1275 m. LIM, M, S, KZN, EC

oliveriana Bolus = **E. aculeata** subsp. **huttonii***oliveriana* (Rchb.f.) Bolus = **E. parviflora***ovalis* Lindl. subsp. *bainesii* (Rolfe) A.V.Hall = **E. ovalis** var. **bainesii***ovalis* Lindl. subsp. *ovalis* = **E. ovalis** var. **ovalis****ovalis** Lindl. var. **bainesii** (Rolfe) P.J.Cribb & la Croix

- E. bainesii* Rolfe (1)
E. complanata I.Verd. (1)
E. ovalis Lindl. subsp. *bainesii* (Rolfe) A.V.Hall (5)
E. pretoriensis L.Bolus (1)
E. transvaalensis in sense of Schltr., not of Rolfe (1)
E. transvaalensis Schltr. var. *thorncroftii* Schltr. (1)

- Perennial. Herb, geophyte. Ht up to 0.65 m. Alt 750–1980 m. LIM, G, M, S, FS

ovalis Lindl. var. **ovalis**

- E. bakeri* Rolfe (1)
E. deflexa Rolfe (1)
E. dregeana Lindl. (1)
E. dregeana Lindl. var. *angustior* Sond. (1)
E. haygarthii Rolfe (1)
E. ovalis Lindl. subsp. *ovalis* (5)
E. ovatipetala Rolfe (1)

- E. thunbergii* Rolfe (1)
Graphorchis ovalis (Lindl.) Kuntze (1)
 Perennial. Herb, geophyte. Ht up to 0.5 m. Alt 50–2255 m. LIM, NW, G, M, S, FS, KZN, L, EC
- ovatipetala* Rolfe = **E. ovalis** var. **ovalis**
- papillosa* (Rolfe) Schltr. = **E. odontoglossa**
- parviflora** (Lindl.) A.V.Hall
Cyrtopera oliveriana Rchb.f. (1)
E. aequalis (Lindl.) Bolus (1)
E. bilamellata Schltr. (1)
E. bilamellata Schltr. var. *euryceras* Schltr. (1)
E. elegantula Rolfe (1)
E. inandensis Rolfe (1)
E. oliveriana (Rchb.f.) Bolus (1)
E. rupestris in sense of Rchb.f., not of Wall. ex Lindl. (1)
E. rupicola Rchb.f. (1)
E. saundersiae Rolfe (1)
Graphorchis rupestris (Rchb.f.) Kuntze (1)
Lissochilus aequalis Lindl. (1)
Lissochilus parviflorus Lindl. (1)
 Perennial. Herb, geophyte. Ht 0.2–0.53 m. Alt 160–1980 m. LIM, G, M, S, KZN, EC
- parvilabris** Lindl.
E. amplipetala Schltr. (1)
E. latipetala Rolfe (1)
E. rehmannii Rolfe (1)
E. stewartiae Rolfe (1)
 Perennial. Herb, geophyte. Ht 0.3–0.85 m. Alt 365–2075 m. LIM, M, S, KZN, EC
- pedicellata* (L.f.) Spreng. = **E. aculeata** subsp. **aculeata**
- peglerae* Rolfe = **E. tabularis**
- pentheri* Schltr. = **E. schweinfurthii**
- petersii** (Rchb.f.) Rchb.f.
E. caffra Rchb.f. (1)
E. circinnata Rolfe (1)
Galeandra petersii Rchb.f. (1)
 Perennial. Herb, geophyte, succulent. Ht 0.8–2 m. Alt 106–1220 m. LIM, M, S, KZN
- pillansii* Bolus = **E. hereroensis**
- platypetala** Lindl.
E. lissochiloides Lindl. (1)
Graphorchis lissochiloides (Lindl.) Kuntze (1)
 Perennial. Herb, geophyte. Ht 0.25–0.45 m. Alt ?–1220 m. WC, EC
- pretoriensis* L.Bolus = **E. ovalis** var. **bainesii**
- purpurascens* Rolfe = **E. hians** var. **nutans**
- rehmannii* Rolfe = **E. parvilabris**
- reichenbachiana* Bolus = **E. foliosa**
- robusta* in sense of Schltr. = **E. livingstoneana**
- robusta* Rolfe in part = **E. cooperi**
- robusta* Rolfe in part = **E. hians** var. **hians**
- rupestris* in sense of Rchb.f., not of Wall. ex Lindl. = **E. parviflora**
- rupicola* Rchb.f. = **E. parviflora**
- sankeyi* Rolfe = **E. cooperi**
- saundersiae* Rolfe = **E. parviflora**
- schnelliae* L.Bolus = **E. macowanii**
- schweinfurthii** Kraenzl.
E. chrysops Summerh. (3)
E. pentheri Schltr. (1)
Lissochilus aurantiacus Rchb.f. (3)
Lissochilus holubii Rolfe (3)
 Perennial. Herb, geophyte, succulent. Ht up to 0.8 m. Alt ?–610 m. B, LIM, M
- speciosa** (R.Br. ex Lindl.) Bolus
E. austrooccidentalis Sölch (6)
E. leucantha (Kraenzl.) Sölch (6)
E. speciosa (R.Br. ex Lindl.) Bolus var. *culveri* Schltr. (1)
E. wakefieldii (Rchb.f. & S.Moore) Summerh. (5)
Lissochilus hereroensis in sense of Kraenzl. (6)
Lissochilus leucanthus Kraenzl. (6)
Lissochilus speciosus R.Br. ex Lindl. (1)
Lissochilus wakefieldii Rchb.f. & S.Moore (5)
 Perennial. Herb, geophyte, succulent. Ht 0.4–0.9 m. Alt 5–1220 m. N, B, LIM, M, S, KZN, WC, EC
- speciosa* (R.Br. ex Lindl.) Bolus var. *culveri* Schltr. = **E. speciosa**
- sphaerocarpa* Sond. = **Acrolophia capensis**
- stenantha* Schltr. = **E. leontoglossa**
- stewartiae* Rolfe = **E. parvilabris**
- streptopetala** Lindl.
E. krebsii (Rchb.f.) Bolus (1)
E. krebsii (Rchb.f.) Bolus var. *purpurata* (Ridl.) Bolus (1)
Lissochilus krebsii Rchb.f. (1)
Lissochilus krebsii Rchb.f. var. *purpuratus* Ridl. (1)
Lissochilus streptopetalus (Lindl.) Lindl. (1)
 Perennial. Herb, geophyte, succulent. Ht 0.4–2.3 m. Alt 60–1525 m. LIM, NW, G, M, S, KZN, EC
- subintegra* Rolfe = **E. calanthoides**
- tabularis** (L.f.) Bolus
Cymbidium tabulare (L.f.) Sw. (1)
E. peglerae Rolfe (1)
Satyrium tabulare L.f. (1)
Serapias tabularis (L.f.) Thunb. (1)
 Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt 305–1050 m. WC, EC
- tainioides* Schltr. = **Oeceoclades lonchophylla**
- tenella** Rchb.f.
E. collina Schltr. (1)
E. flaccida Schltr. (1)
E. natalensis Rchb.f. (1)
E. nutans in sense of Bolus (6)
 Perennial. Herb, geophyte. Ht 0.15–0.6 m. Alt 245–1770 m. M, KZN, EC
- thunbergii* Rolfe = **E. ovalis** var. **ovalis**
- transvaalensis* in sense of Schltr., not of Rolfe = **E. ovalis** var. **bainesii**
- transvaalensis* Rolfe, not of Schltr. = **E. hians** var. **inaequalis**
- transvaalensis* Schltr. var. *thorncroftii* Schltr. = **E. ovalis** var. **bainesii**
- triloba* Rolfe = **E. hians** var. **nutans**
- tristis* (L.f.) Spreng. = **Acrolophia capensis**
- tuberculata** Bolus
Lissochilus leendertziae Schltr. (1)
Lissochilus platypetalus Lindl. (1)
 Perennial. Herb, geophyte, succulent. Ht 0.15–0.4 m. Alt 155–1525 m. B, NW, G, WC, EC
- ustulata* (Bolus) Bolus = **Acrolophia ustulata**
- violacea* Rchb.f. = **E. hians** var. **hians**
- wakefieldii* (Rchb.f. & S.Moore) Summerh. = **E. speciosa**
- walleri** (Rchb.f.) Kraenzl.
Cyrtopera walleri Rchb.f. (3)
 Perennial. Herb, geophyte. Ht up to 1.3 m. Alt ?–305 m. N, B
- watkinsonii* Rolfe = **E. hians** var. **inaequalis**
- welwitschii** (Rchb.f.) Rolfe
E. bicolor in sense of Rchb.f. & Sond., not of Dalzell, also not of Blume (1)
E. zeyheri Hook.f. (1)
E. woodii Schltr. (1)
Orthochilus welwitschii Rchb.f. (1)

- Perennial. Herb, geophyte. Ht 0.25–0.9 m. Alt 565–1980 m. LIM, NW, G, M, S, FS, KZN, L, EC
woodii Schltr. = **E. welwitschii**
- zeyheriana** Sond.
E. brachystyla Schltr. (1)
 Perennial. Herb, geophyte. Ht 0.15–0.45 m. Alt ?–2180 m. M, S, KZN, EC
zeyheri Hook.f. = **E. welwitschii**
- EULOPHIDIUM** Pfitzer 1648010
decaryanum (H.Perrier) Summerh. = **Oeceoclades decaryana**
dissimile R.A.Dyer = **Oeceoclades lonchophylla**
lonchophylla (Rchb.f.) Schltr. = **Oeceoclades lonchophylla**
mackenii (Rolfe ex Hemsl.) Schltr. = **Oeceoclades mackenii**
tainioides (Schltr.) Summerh. = **Oeceoclades lonchophylla**
- EVOTA** Rolfe 1439020
affinis (Sond.) Rolfe = **Ceratandra harveyana**
bicolor (Sond. ex Bolus) Rolfe = **Ceratandra bicolor**
harveyana (Lindl.) Rolfe = **Ceratandra harveyana**
venosa (Lindl.) Schelpe = **Ceratandra venosa**
- EVOTELLA** Kurzweil & H.P.Linder 1439030
 (1) Kurzweil *et al.* 1991. *Plant Systematics and Evolution* 175: 161–223.
 (2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 325, 326.
rubiginosa (Sond. ex Bolus) Kurzweil & H.P.Linder
Corycium rubiginosum (Sond. ex Bolus) Rolfe (2)
Pterygodium rubiginosum Sond. ex Bolus (1)
 Perennial. Herb, geophyte. Ht up to 0.29 m. Alt 450–1250 m. WC
- FORFICARIA** Lindl. 1435020
graminifolia Lindl. = **Disa forficaria**
- GALEANDRA** Lindl. 1562000
petersii Rchb.f. = **Eulophia petersii**
- *GASTRODIA** R.Br. 1486000
 (1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 210.
 (2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 352–354.
sesamoides R.Br.
 Perennial. Herb, geophyte. Ht 0.3–1.5 m. Alt ?–800 m. WC
- GRAPHORCHIS** Thouars 1648060
clavicornis (Lindl.) Kuntze = **Eulophia hians** var. **hians**
emarginata (Lindl.) Kuntze = **Eulophia hians** var. **hians**
lissochiloides (Lindl.) Kuntze = **Eulophia platypetala**
odontoglossa (Rchb.f.) Kuntze = **Eulophia odontoglossa**
ovalis (Lindl.) Kuntze = **Eulophia ovalis** var. **ovalis**
rupestris (Rchb.f.) Kuntze = **Eulophia parviflora**
- GUSSONEA** A.Rich. 1828125
chiloschistae (Rchb.f.) Schltr. = **Microcoelia exilis**
exile (Lindl.) Ridl. = **Microcoelia exilis**
- GYMNADENIA** R.Br. 1405000
bulbinella (Rchb.f.) Kraenzl. = **Schizochilus bulbinella**
gerrardii (Rchb.f.) Kraenzl. = **Schizochilus gerrardii**
zeyheri (Sond.) Kraenzl. = **Schizochilus zeyheri**
- HABENARIA** Willd. 1422000
 (1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 82–96.
 (2) Manning. 1989. *South African Journal of Botany* 55: 192–195.
 (3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 110–136.
anguiceps Bolus
H. readei Harv. ex Rolfe (1)
 Perennial. Herb, geophyte. Ht up to 0.4 m. Alt 155–2500 m. M, KZN, EC
- arenaria** Lindl.
Bonatea micrantha Lindl. (3)
H. micrantha (Lindl.) Rchb.f. (1)
 Perennial. Herb, geophyte. Ht up to 0.41 m. Alt 30–1500 m. M, KZN, WC, EC
- armatissima** Rchb.f.
H. dinteriana Kraenzl. (1)
H. lugardae Rolfe (1)
 Perennial. Herb, geophyte. Ht up to 0.7 m. Alt ?–1550 m. N, B
- barberae* Schltr. = **H. tridens**
- barbertoni** Kraenzl. & Schltr.
 Perennial. Herb, geophyte. Ht up to 0.4 m. Alt ?–1585 m. G, M
- bicolor** Conrath & Kraenzl.
 Perennial. Herb, geophyte. Ht up to 0.6 m. Alt ?–1600 m. G
- bilabrella* (Lindl.) Kraenzl. = **H. falcicornis** subsp. **falcicornis**
- boltoni* Harv. = **Bonatea speciosa** var. **speciosa**
- bolusiana* Schltr. = **H. lithophila**
- bonatea* Rchb.f. var. *boltonii* (Harv.) Bolus = **Bonatea speciosa** var. **speciosa**
- caffra* Schltr. = **H. falcicornis** subsp. **caffra**
- cassidea* (Sond.) Rchb.f. = **Bonatea cassidea**
- chlorotica* Rchb.f. = **H. filicornis**
- ciliosa** Lindl.
 Perennial. Herb, geophyte. Ht up to 0.4 m. Alt 400–1400 m. KZN, EC
- ciliosa* of author in part = **H. pseudociliosa**
- clavata** (Lindl.) Rchb.f.
Bonatea clavata Lindl. (3)
 Perennial. Herb, geophyte. Ht 0.2–0.8 m. Alt 60–2000 m. LIM, G, M, S, FS, KZN, L, EC
- cornuta** Lindl.
 Perennial. Herb, geophyte. Ht 0.25–0.8 m. Alt ?–2200 m. LIM, G, M, S, KZN, EC
- culveri** Schltr.
 Perennial. Herb, geophyte. Ht up to 0.4 m. Alt 150–1000 m. NW, M, S, KZN
- densiflora* (Sond.) Rchb.f. = **Bonatea speciosa** var. **speciosa**
- dinteriana* Kraenzl. = **H. armatissima**
- dives** Rchb.f.
H. orangana Rchb.f. (1)
 Perennial. Herb, geophyte. Ht 0.15–0.73 m. Alt 12–2600 m. M, S, FS, KZN, L, EC

dregeana Lindl.

Perennial. Herb, geophyte. Ht 0.17–0.57 m. Alt 300–2000 m. LIM, G, M, S, FS, KZN, L, EC

elatior Schltr. = **H. nyikana**

epipactidea Rchb.f.

Bonatea foliosa (Sw.) Lindl. (3)
Bonatea foliosa (Sw.) Lindl. var. *pauciflora* Sond. (3)
H. epipactidea Rchb.f. var. *schinzii* (Rolfe) Kraenzl. (3)
H. foliosa (Sw.) Rchb.f. (1)
H. hircina Rchb.f. (3)
H. perfoliata Kraenzl. (3)
H. polyphylla Kraenzl. (1)
H. rautanenii Kraenzl. (3)
H. schinzii Rolfe (3)
Orchis foliosa Sw. (3)

Perennial. Herb, geophyte. Ht 0.12–0.61 m. Alt 60–2400 m. N, B, LIM, NW, G, M, S, FS, KZN, L, EC

epipactidea Rchb.f. var. *schinzii* (Rolfe) Kraenzl. = **H. epipactidea**

falcicornis (Burch. ex Lindl.) Bolus subsp. **caffra** (Schltr.) J.C.Manning

H. caffra Schltr. (1)
H. falcicornis (Burch. ex Lindl.) Bolus var. *caffra* (Schltr.) Renz & Schelpe (2)
H. tetrapetala in sense of Kraenzl. (2)

Perennial. Herb, geophyte. Ht 0.35–0.83 m. Alt 15–2900 m. LIM, NW, G, M, S, FS, KZN, L

falcicornis (Burch. ex Lindl.) Bolus subsp. **falcicornis**

Bilabrella falcicornis Lindl. (3)
Bonatea bilabrella Lindl. (3)
Bonatea tetrapetala Lindl. (3)
H. bilabrella (Lindl.) Kraenzl. (3)
H. falcicornis (Burch. ex Lindl.) Bolus var. *falcicornis* (3)
H. mundtii Kraenzl. (3)
H. tetramera Bolus, superfluous name (3)
H. tetrapetala (Lindl.) Rchb.f. (3)

Perennial. Herb, geophyte. Ht 0.22–0.83 m. Alt 61–2600 m. KZN, L, WC, EC

falcicornis (Burch. ex Lindl.) Bolus var. *caffra* (Schltr.) Renz & Schelpe = **H. falcicornis** subsp. **caffra**

falcicornis (Burch. ex Lindl.) Bolus var. *falcicornis* = **H. falcicornis** subsp. **falcicornis**

filicornis Lindl.

H. chlorotica Rchb.f. (3)
H. filicornis Lindl. var. *chlorotica* (Rchb.f.) Geerinck (3)
H. natalensis Rchb.f. (3)
H. pertenuis Kraenzl. (3)
H. wilmsiana Kraenzl. (3)

Perennial. Herb, geophyte. Ht up to 0.6 m. Alt 400–2000 m. B, LIM, G, M, S, KZN

filicornis Lindl. var. *chlorotica* (Rchb.f.) Geerinck = **H. filicornis**

foliosa (Sw.) Rchb.f. = **H. epipactidea**

galpinii Bolus

H. incurva Rolfe (3)
 Perennial. Herb, geophyte. Ht 0.13–0.5 m. Alt 900–2000 m. LIM, NW, G, M

gerrardii Rchb.f. = **H. tridens**

hircina Rchb.f. = **H. epipactidea**

holstii Kraenzl. = **H. malacophylla**

humilior Rchb.f.

H. rehmannii Bolus (2)
H. tetrapetaloides Schltr. (2)
 Perennial. Herb, geophyte. Ht 0.4–0.6 m. Alt ?–1500 m. LIM, G, KZN

ichneumonea (Sw.) Lindl.

Orchis ichneumonea Sw. (3)

Perennial. Herb, geophyte. Ht 0.2–0.8 m. Alt 1000–1100 m. B

incurva Rolfe = **H. galpinii**

insignis Schltr. = **Bonatea polypodantha**

involuta Bolus = **H. schimperiana**

kraenzliniana Schltr.

H. kraenzliniana Schltr. var. *natalensis* Rolfe (3)
 Perennial. Herb, geophyte. Ht 0.2–0.37 m. Alt 1000–1400 m. LIM, G, KZN

kraenzliniana Schltr. var. *natalensis* Rolfe = **H. kraenzliniana**

laevigata Lindl.

H. ornithopoda Rchb.f. (1)
 Perennial. Herb, geophyte. Ht 0.2–0.45 m. Alt 610–2600 m. LIM, M, FS, KZN, EC

lithophila Schltr.

H. bolusiana Schltr. (1)
H. macowaniana Kraenzl. (1)
H. petri Schltr. (1)
 Perennial. Herb, geophyte. Ht up to 0.35 m. Alt 366–2900 m. G, M, FS, KZN, L, WC, EC

lithophila Schltr. subsp. *mossii* G. Will. = **H. mossii**

lugardae Rolfe = **H. armatissima**

macowaniana Kraenzl. = **H. lithophila**

macrocorchis Schltr. = **Bonatea speciosa** var. **antennifera**

malacophylla Rchb.f.

H. holstii Kraenzl. (1)
H. polyantha Kraenzl. (1)
H. pulla Schltr. (1)
 Perennial. Herb, geophyte. Ht 0.28–0.7 m. Alt 150–2000 m. LIM, M, S, KZN, EC

micrantha (Lindl.) Rchb.f. = **H. arenaria**

microrhynchos Schltr. = **H. petitiiana**

mossii (G. Will.) J.C.Manning

H. lithophila Schltr. subsp. *mossii* G. Will. (2)
 Perennial. Herb, geophyte. Ht 0.18–0.24 m. Alt ?–1500 m. G, EC

mundtii Kraenzl. = **H. falcicornis** subsp. **falcicornis**

natalensis Rchb.f. = **H. filicornis**

nyikana Rchb.f.

H. elatior Schltr. (1)
H. tetrapetala (Lindl.) Rchb.f. var. *major* Schltr. (3)
 Perennial. Herb, geophyte. Ht 0.5–1.2 m. Alt 600–1200 m. LIM, G, M, S

occultans Welw. ex Rchb.f. = **Centrostigma occultans**

orangana Rchb.f. = **H. dives**

ornithopoda Rchb.f. = **H. laevigata**

pasmithii G. Will.

Perennial. Herb, geophyte. Ht 0.83–0.91 m. Alt ?–1000 m. B

perfoliata Kraenzl. = **H. epipactidea**

pertenuis Kraenzl. = **H. filicornis**

petitiiana (A. Rich.) T. Durand & Schinz

H. microrhynchos Schltr. (1)
Herminium natalense Rchb.f. (3)
Peristylus natalensis (Rchb.f.) Rolfe (1)
Peristylus petitiianus A. Rich. (3)
Platanthera natalensis (Rchb.f.) Schltr. (3)
Platanthera petitiiana (A. Rich.) Engl. (3)

Perennial. Herb, geophyte. Ht up to 0.35 m. Alt up to 2000 m. LIM, M, KZN

- petri* Schltr. = **H. lithophila**
polyantha Kraenzl. = **H. malacophylla**
polyphylla Kraenzl. = **H. epipactidea**
polypodantha Rchb.f. = **Bonatea polypodantha**
porrecta Bolus = **Bonatea porrecta**
pseudociliosa Schelpe ex J.C.Manning
H. ciliosa of author in part (2)
 Perennial. Herb, geophyte. Ht 0.24–0.47 m. Alt 50–1700 m. M, KZN, EC
pulla Schltr. = **H. malacophylla**
rautaneniana Kraenzl.
H. trachychila Kraenzl. (1)
 Perennial. Herb, geophyte. Ht up to 0.8 m. Alt? N, 'TVL'
rautanenii Kraenzl. = **H. epipactidea**
readei Harv. ex Rolfe = **H. anguiceps**
rehmannii Bolus = **H. humilior**
robusta N.E.Br. = **Bonatea speciosa** var. **speciosa**
saundersiae Harv. = **Bonatea saundersiae**
saundersioides Kraenzl. & Schltr. = **Bonatea saundersioides**
schimperiana Hochst. ex A.Rich.
H. involuta Bolus (1)
 Perennial. Herb, geophyte. Ht up to 1 m. Alt 915–2500 m. LIM, M, S, KZN
schinzii Rolfe = **H. epipactidea**
schlechteri Kraenzl. = **Centrostigma occultans**
stenorhynchos Schltr.
 Perennial. Herb, geophyte. Ht up to 0.4 m. Alt ?–1900 m. LIM
steudneri Rchb.f. = **Bonatea steudneri**
subarmata Rchb.f.
 Perennial. Herb, geophyte. Ht 0.4–0.65 m. Alt up to 1800 m. N
tetramera Bolus, superfluous name = **H. falcicornis** subsp. **falcicornis**
tetrapetala in sense of Kraenzl. = **H. falcicornis** subsp. **caffra**
tetrapetala (Lindl.) Rchb.f. = **H. falcicornis** subsp. **falcicornis**
tetrapetala (Lindl.) Rchb.f. var. *major* Schltr. = **H. nykana**
tetrapetaloides Schltr. = **H. humilior**
trachychila Kraenzl. = **H. rautaneniana**
transvaalensis Schltr.
 Perennial. Herb, geophyte. Ht up to 0.55 m. Alt 1500–1800 m. LIM, M, KZN, L
tridens Lindl.
H. barberae Schltr. (3)
H. gerrardii Rchb.f. (1)
 Perennial. Herb, geophyte. Ht 0.075–0.44 m. Alt 400–1500 m. NW, G, M, KZN, EC
tridens Lindl. × **H. malacophylla** Rchb.f.
 Perennial. Herb, geophyte. Ht? Alt? 'TVL'
trilobulata Schltr.
 Perennial. Herb, geophyte. Ht 0.2–0.35 m. Alt ?–1000 m. B, LIM, M, KZN
tysonii Bolus
 Perennial. Herb, geophyte. Ht 0.15–0.38 m. Alt 365–2094 m. M, KZN, EC
umvotensis Rolfe = **Bonatea saundersioides**
wilmsiana Kraenzl. = **H. filicornis**
woodii Schltr.
 Perennial. Herb, geophyte. Ht up to 0.58 m. Alt ?–600 m. KZN
HALLACKIA Harv. 1414010
fimbriata Harv. = **Huttonaea fimbriata**
HAPLOSTELLIS Endl. = **NERVILIA**
HERMINIUM L. 1402000
natalense Rchb.f. = **Habenaria petitiiana**
HERSCHELLIA Lindl. 1435000
atropurpurea (Sond.) Rolfe = **Disa spathulata** subsp. **spathulata**
bachmanniana Kraenzl. = **Disa baurii**
barbata (L.f.) Bolus = **Disa barbata**
baurii (Bolus) Kraenzl. = **Disa baurii**
charpentieriana (Rchb.f.) Kraenzl. = **Disa multifida**
coelestis Lindl. = **Disa graminifolia**
excelsa in sense of Rolfe = **Disa procera**
forcipata (Schltr.) Kraenzl. = **Disa forcipata**
forficaria (Bolus) H.P.Linder = **Disa forficaria**
graminifolia (Ker Gawl. ex Spreng.) T.Durand & Schinz = **Disa graminifolia**
hians (L.f.) A.V.Hall = **Disa hians**
lacera (Sw.) Fourc. = **Disa hians**
lugens (Bolus) Kraenzl. = **Disa lugens** var. **lugens**
lugens (Bolus) Kraenzl. var. *nigrescens* H.P.Linder = **Disa lugens** var. **nigrescens**
multifida (Lindl.) Rolfe = **Disa multifida**
newdigateae (L.Bolus) H.P.Linder = **Disa newdigateae**
purpurascens (Bolus) Kraenzl. = **Disa purpurascens**
schlechteriana (Bolus) H.P.Linder = **Disa schlechteriana**
spathulata (L.f.) Rolfe subsp. *spathulata* = **Disa spathulata** subsp. **spathulata**
spathulata (L.f.) Rolfe subsp. *tripartita* (Lindl.) H.P.Linder = **Disa spathulata** subsp. **tripartita**
tripartita (Lindl.) Rolfe = **Disa spathulata** subsp. **tripartita**
venusta (Bolus) Kraenzl. = **Disa venusta**
HERSCHELLIANTHE Rauschert 1435010
atropurpurea (Sond.) Rauschert = **Disa spathulata** subsp. **spathulata**
bachmanniana (Kraenzl.) Rauschert = **Disa baurii**
barbata (L.f.) N.C.Anthony = **Disa barbata**
baurii (Bolus) Rauschert = **Disa baurii**
charpentieriana (Rchb.f.) Rauschert = **Disa multifida**
forcipata (Schltr.) Rauschert = **Disa forcipata**
forficaria (Bolus) N.C.Anthony = **Disa forficaria**
graminifolia (Ker Gawl. ex Spreng.) Rauschert = **Disa graminifolia**

graminifolia (Ker Gawl. ex Spreng.) Rauschert × *Disa ferruginea* (Thunb.) Sw. = **Disa graminifolia** × **Disa ferruginea**

hians (L.f.) Rauschert = **Disa hians**

lacera (Sw.) Rauschert = **Disa hians**

lugens (Bolus) Rauschert = **Disa lugens** var. **lugens**

lugens (Bolus) Rauschert var. *nigrescens* (H.P.Linder) N.C.Anthony = **Disa lugens** var. **nigrescens**

multifida (Lindl.) Rauschert = **Disa multifida**

newdigateae (L.Bolus) N.C.Anthony = **Disa newdigateae**

purpurascens (Bolus) Rauschert = **Disa purpurascens**

schlechteriana (Bolus) N.C.Anthony = **Disa schlechteriana**

spathulata (L.f.) Rauschert subsp. *spathulata* = **Disa spathulata** subsp. **spathulata**

spathulata (L.f.) Rauschert subsp. *tripartita* (Lindl.) N.C.Anthony = **Disa spathulata** subsp. **tripartita**

tripartita (Lindl.) Rauschert = **Disa spathulata** subsp. **tripartita**

venusta (Bolus) Rauschert = **Disa venusta**

×*HERSCHELIODISA* H.P.Linder 1434050

vogelpoelii H.P.Linder = **Disa graminifolia** × **Disa ferruginea**

HIPPORCHIS Thouars = **SATYRIUM**

HIPPORKIS Thouars = **SATYRIUM**

HOLOTHRIX Rich. ex Lindl. 1408000

(1) Immelman. 1981. *Bothalia* 13: 455–456.

(2) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 58–66.

(3) Immelman. 1996. *Bothalia* 26: 125–140.

(4) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 96–110.

aspera (Lindl.) Rchb.f.

Bucculina aspera Lindl. (3)

H. confusa Rolfe (1)

Perennial. Herb, geophyte. Ht up to 0.25 m. Alt 75–915 m. NC, WC

brachylabris Sond. = **H. exilis**

brevipetala Immelman & Schelpe

H. hispidula in sense of Schltr. in part (3)

H. parvifolia Lindl. (1835) in part, not of Lindl. (1836) (3)

Perennial. Herb, geophyte. Ht up to 0.32 m. Alt ?–460 m. WC, EC

burchellii in sense of Kraenzl., not of Lindl. = **H. scopularia**

burchellii (Lindl.) Rchb.f.

Scopularia burchellii Lindl. (3)

Perennial. Herb, geophyte. Ht up to 0.5 m. Alt 30–1220 m. WC, EC

cernua (Burm.f.) Schelpe

H. gracilis Lindl. (3)

H. harveyana Lindl. (3)

H. hispidula (L.f.) T.Durand & Schinz (3)

H. monotris (Lindl.) Rchb.f. (3)

H. parvifolia Lindl. (1835) in part, not of Lindl. (1836) (1)

H. squamulosa Lindl. (3)

H. squamulosa Lindl. var. *glabrata* Bolus (1)

H. squamulosa Lindl. var. *hirsuta* Bolus (1)

H. squamulosa Lindl. var. *scabra* Bolus (1)

H. squamulosa Lindl. var. *typica* Schltr. (3)

Monotris secunda in sense of Lindl., not of *Orchis secunda* Thunb. (3)

Orchis cernua Burm.f. (3)

Orchis hispida Thunb. (1794) in part (3)

Orchis hispidula L.f. (3)

Perennial. Herb, geophyte. Ht up to 0.26 m. Alt 20–1200 m. NC, WC, EC

condensata Sond. = **H. villosa** var. **condensata**

confusa Rolfe = **H. aspera**

culveri Bolus

Deroemera culveri (Bolus) Schltr. (3)

H. culveri Bolus var. *integra* Bolus (1)

Perennial. Herb, geophyte. Ht up to 0.14 m. Alt ?–650 m. M

culveri Bolus var. *integra* Bolus = **H. culveri**

exilis Lindl.

H. brachylabris Sond. (3)

H. exilis Lindl. var. *brachylabris* (Sond.) Bolus (1)

Perennial. Herb, geophyte. Ht up to 0.29 m. Alt 90–610 m. WC, EC

exilis Lindl. var. *brachylabris* (Sond.) Bolus = **H. exilis**

filicornis Immelman & Schelpe

Perennial. Herb, geophyte. Ht up to 0.26 m. Alt ?–800 m. N, NC

gracilis Lindl. = **H. cernua**

grandiflora (Sond.) Rchb.f.

Scopularia grandiflora Sond. (3)

Perennial. Herb, geophyte. Ht up to 0.51 m. Alt? WC, EC

harveyana Lindl. = **H. cernua**

hispidula in sense of Schltr. = **H. brevipetala**

hispidula (L.f.) T.Durand & Schinz = **H. cernua**

incurva Lindl.

H. rupicola Schltr. (1)

Perennial. Herb, geophyte. Ht up to 0.17 m. Alt ?–3000 m. FS, KZN, L, EC

lindleyana Rchb.f. = **H. parviflora**

lindleyana Rchb.f. var. *parviflora* (Lindl.) Rolfe = **H. parviflora**

lithophila Schltr. = **H. villosa** var. **condensata**

longicornu G.J.Lewis

Perennial. Herb, geophyte. Ht up to 0.16 m. Alt? EC

macowaniana Rchb.f.

Perennial. Herb, geophyte. Ht up to 0.07 m. Alt? EC

majubensis C.Archer & R.H.Archer

Perennial. Herb, geophyte, lithophyte. Ht up to 0.55 m. Alt ?–2100 m. KZN

micrantha Schltr.

Perennial. Herb, geophyte. Ht up to 0.17 m. Alt? G

monotris (Lindl.) Rchb.f. = **H. cernua**

multisecta Bolus = **H. scopularia**

mundii Sond.

Perennial. Herb, geophyte. Ht up to 0.16 m. Alt ?–750 m. WC, EC

orthoceras (Harv.) Rchb.f.

Tryphia orthoceras Harv. (3)

Perennial. Herb, geophyte. Ht 0.06–0.3 m. Alt 305–1950 m. LIM, M, FS, KZN, L, EC

parviflora (Lindl.) Rchb.f.

H. lindleyana Rchb.f. (1)

H. lindleyana Rchb.f. var. *parviflora* (Lindl.) Rolfe (3)

Tryphia parviflora Lindl. (1)

Tryphia secunda Lindl., not *Orchis secunda* Thunb. (1823) (1)

Perennial. Herb, geophyte. Ht up to 0.24 m. Alt 60–915 m. KZN, WC, EC

parvifolia Lindl. (1835) in part, not of Lindl. (1836) = **H. brevipetala**

parvifolia Lindl. (1835) in part, not of Lindl. (1836) = **H. cernua**

parvifolia Lindl. (1836) in part, not of Lindl. (1835) = **H. villosa** var. **villosa**

pilosa (Burch. ex Lindl.) Rchb.f.

Saccidium pilosum Lindl. (3)

Perennial. Herb, geophyte. Ht up to 0.55 m. Alt ?–610 m. WC, EC

randii Rendle

H. reckii Bolus (3)

Perennial. Herb, geophyte. Ht 0.17–0.42 m. Alt ?–1370 m. LIM, G

reckii Bolus = **H. randii**

rupicola Schltr. = **H. incurva**

schlechteriana Schltr. ex Kraenzl.

Perennial. Herb, geophyte. Ht up to 0.27 m. Alt 155–1310 m. NC, WC, EC

scopularia (Lindl.) Rchb.f.

H. burchellii in sense of Kraenzl., not of Lindl. (3)

H. multisepta Bolus (1)

Scopularia secunda Lindl., not *Orchis secunda* Thunb. (3)

Perennial. Herb, geophyte. Ht 0.11–0.34 m. Alt 685–2900 m. M, FS, KZN, L, EC

secunda (Thunb.) Rchb.f.

Orchis secunda Thunb. (3)

Tryphia major Sond. (3)

Perennial. Herb, geophyte. Ht up to 0.3 m. Alt 100–1005 m. NC, WC

squamulosa Lindl. = **H. cernua**

squamulosa Lindl. var. *glabrata* Bolus = **H. cernua**

squamulosa Lindl. var. *hirsuta* Bolus = **H. cernua**

squamulosa Lindl. var. *scabra* Bolus = **H. cernua**

squamulosa Lindl. var. *typica* Schltr. = **H. cernua**

thodei Rolfe

Perennial. Herb, geophyte. Ht 0.07–0.25 m. Alt ?–2590 m. FS, KZN, L, EC

villosa Lindl. var. **condensata** (Sond.) Immelman

H. condensata Sond. (1)

H. lithophila Schltr. (1)

Perennial. Herb, geophyte, lithophyte. Ht up to 0.3 m. Alt 855–915 m. NC, WC, EC

villosa Lindl. var. **villosa**

H. parvifolia Lindl. (1836) in part, not of Lindl. (1835) (3)

Orchis hispida Thunb. (1794); Thunb. (1823) in part as to specimen Thunberg β (UPS) (3)

Perennial. Herb, geophyte. Ht up to 0.365 m. Alt 60–2000 m. NC, WC, EC

HUTTONAEA Harv. 1414000

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 68–71.

(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 295–298.

fimbriata (Harv.) Rchb.f.

Hallackia fimbriata Harv. (2)

Perennial. Herb, geophyte. Ht 0.17–0.32 m. Alt 900–1800 m. KZN, EC

grandiflora (Schltr.) Rolfe

H. oreophila Schltr. var. *grandiflora* Schltr. (2)

Perennial. Herb, geophyte. Ht 0.09–0.25 m. Alt 2300–2800 m. FS, KZN, L, EC

oreophila Schltr.

Perennial. Herb, geophyte. Ht 0.15–0.25 m. Alt 1300–2200 m. KZN, EC

oreophila Schltr. var. *grandiflora* Schltr. = **H. grandiflora pulchra** Harv.

Perennial. Herb, geophyte. Ht 0.15–0.4 m. Alt 1000–1800 m. M, KZN, EC

woodii Schltr.

Perennial. Herb, geophyte. Ht up to 0.3 m. Alt 1200–2100 m. KZN

JUMELLEA Schltr. 1828140

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 260.

(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 425–427.

(3) La Croix. 2000. *Curtis's Botanical Magazine* 17: 208–215.

filicornoides (De Wild.) Schltr. = **J. walleri**

walleri (Rolfe) la Croix

Angraecum filicornoides De Wild. (2)

J. filicornoides (De Wild.) Schltr. (3)

Mystacidium walleri Rolfe (3)

Perennial. Herb, epiphyte. Ht up to 0.39 m. Alt 350–1700 m. LIM, KZN

LEPTORCHIS Thouars = **LIPARIS**

LEPTORKIS Thouars = **LIPARIS**

LIMODORUM L. 1534010

barbatum Thunb. = **Acrolophia barbata**

capense P.J.Bergius = **Acrolophia capensis**

cucullatum Afzel. ex Sw. = **Eulophia cucullata**

hians (L.f.) Thunb. = **Disa hians**

longicornu Thunb., illegitimate name = **Mystacidium capense**

triste (L.f.) Thunb. = **Acrolophia capensis**

LIPARIS Rich. 1556000

(1) Stewart. 1981. *American Orchid Society Bulletin* 50: 547–552.

(2) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 216–218.

(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 359–362.

bowkeri Harv.

L. gerrardii Rchb.f. (1)

L. neglecta Schltr. (1)

Perennial. Herb, geophyte, epiphyte, succulent. Ht 0.1–0.2 m. Alt 500–1860 m. LIM, NW, M, S, KZN, EC

capensis Lindl.

Sturmia capensis (Lindl.) Sond. (3)

Perennial. Herb, geophyte. Ht up to 0.1 m. Alt up to 600 m. WC, EC

deistellii Schltr. (insufficiently known)

L. odontochilus Summerh. (3)

Perennial. Herb, geophyte, epiphyte, succulent. Ht up to 0.15 m. Alt 1700–2750 m. LIM

gerrardii Rchb.f. = **L. bowkeri**

neglecta Schltr. = **L. bowkeri**

odontochilus Summerh. = **L. deistellii**

remota J.L.Stewart & Schelpe

Perennial. Herb, geophyte, epiphyte, succulent. Ht 0.1–0.2 m. Alt ?–1000 m. S, KZN, WC, EC

LISSOCHILUS R.Br. 1647000

aequalis Lindl. = **Eulophia parviflora**

amabilis Schltr. = **Eulophia cucullata**

angolensis (Rchb.f.) Rchb.f. = **Eulophia angolensis**

arenarius Lindl. = **Eulophia cucullata**
aurantiacus Rchb.f. = **Eulophia schweinfurthii**
buchanani Rchb.f. = **Eulophia angolensis**
clitellifer Rchb.f. = **Eulophia clitellifera**
decaryanus (H.Perrier) H.Perrier = **Oeceoclades decaryana**
fridericii Rchb.f. = **Eulophia fridericii**
hereroensis in sense of Kraenzl. = **Eulophia speciosa**
holubii Rolfe = **Eulophia schweinfurthii**
horsfallii Bateman = **Eulophia horsfallii**
jumelleanus (Schltr.) Schltr. = **Eulophia livingstoneana**
krebsii Rchb.f. = **Eulophia streptopetala**
krebsii Rchb.f. var. *purpuratus* Ridl. = **Eulophia streptopetala**
latifolius Schltr. = **Eulophia fridericii**
leendertziae Schltr. = **Eulophia tuberculata**
leucanthus Kraenzl. = **Eulophia speciosa**
livingstoneanus Rchb.f. = **Eulophia livingstoneana**
lonchophylla (Rchb.f.) H.Perrier = **Oeceoclades lonchophylla**
parviflorus Lindl. = **Eulophia parviflora**
platypetalus Lindl. = **Eulophia tuberculata**
rehmannii Rolfe = **Eulophia clitellifera**
sandersonii Rchb.f. = **Eulophia horsfallii**
schweinfurthii Rchb.f. = **Eulophia latilabris**
speciosus R.Br. ex Lindl. = **Eulophia speciosa**
streptopetalus (Lindl.) Lindl. = **Eulophia streptopetala**
transvaalensis Rolfe = **Eulophia horsfallii**
wakefieldii Rchb.f. & S.Moore = **Eulophia speciosa**

LISTROSTACHYS Rchb.f. 1835020
arcuata (Lindl.) Rchb.f. = **Cyrtorchis arcuata** subsp. *arcuata*
fragrantissima Rchb.f. = **Diaphanthe fragrantissima**
imbricata Rolfe = **Bolusiella maudiae**
musciola (Rchb.f.) Rolfe = **Rangaeris musciola**

MARGELLIANTHA P.J.Cribb 1837010
caffra (Bolus) P.J.Cribb & J.L.Stewart = **Diaphanthe caffra**

MARIARISQUETA Guinea = **CHEIROSTYLIS**

MEGACLINIUM Lindl. 1707000
sandersonii Hook. = **Bulbophyllum sandersonii** subsp. *sandersonii*
scaberulum Rolfe = **Bulbophyllum scaberulum** var. *scaberulum*

MICROCOELIA Lindl. 1828120

- (1) Jonsson. 1981. *Symbolae Botanicae Upsalienses* 23: 1–151.
 (2) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 260, 261.
 (3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 437–439.

exilis Lindl.

- Angraecum chiloschistae* Rchb.f. (2)
Gussonea chiloschistae (Rchb.f.) Schltr. (3)
Gussonea exile (Lindl.) Ridl. (3)
Mystacidium exile (Lindl.) T.Durand & Schinz (3)

Perennial. Herb, epiphyte. Ht up to 0.04 m. Alt ?–520 m.
 KZN

obovata Summerh.

Perennial. Herb, epiphyte. Ht up to 0.03 m. Alt ?–1100 m.
 KZN

MONADENIA Lindl. 1436000

atrorubens (Schltr.) Rolfe = **Disa atrorubens**
auriculata (Bolus) Rolfe = **Disa densiflora**
basutorum (Schltr.) Rolfe = **Disa basutorum**
bolusiana (Schltr.) Rolfe = **Disa bolusiana**
bracteata (Sw.) T.Durand & Schinz = **Disa bracteata**
brevicornis Lindl. = **Disa brevicornis**
cernua (Thunb.) T.Durand & Schinz = **Disa cernua**
comosa Rchb.f. = **Disa comosa**
conferta (Bolus) Kraenzl. = **Disa conferta**
densiflora Lindl. = **Disa densiflora**
ecalcarata G.J.Lewis = **Disa ecalcarata**
inflata Sond. = **Disa cernua**
junodiana Kraenzl. = **Disa fragrans** subsp. *fragrans*
lancifolia Sond. = **Disa rufescens**
leptostachya Sond. = **Disa rufescens**
leydenburgensis Kraenzl. = **Disa stachyoides**
macrocera Lindl. = **Disa rufescens**
macrostachya Lindl. = **Disa macrostachya**
micrantha Lindl. = **Disa bracteata**
multiflora Sond. = **Disa densiflora**
ophrydea in sense of Kraenzl. = **Disa atrorubens**
ophrydea Lindl. = **Disa ophrydea**
physodes (Sw.) Rchb.f. = **Disa physodes**
prasinata (Ker Gawl.) Lindl. = **Disa cernua**
pygmaea (Bolus) T.Durand & Schinz = **Disa pygmaea**
reticulata (Bolus) T.Durand & Schinz = **Disa reticulata**
rufescens in sense of Lindl., not of Thunb. = **Disa comosa**
rufescens (Thunb.) Lindl. = **Disa rufescens**
sabulosa (Bolus) Kraenzl. = **Disa sabulosa**
sabulosa (Bolus) Kraenzl. × *M. atrorubens* (Schltr.)
 Rolfe = **Disa sabulosa** × **Disa atrorubens**
tenuis (Lindl.) Kraenzl. = **Disa tenuis**

MONOCHILUS Wall. ex Lindl. 1502010
gymnochiloides Ridl. = **Cheirostylis gymnochiloides**

MONOTRIS Lindl. 1408020
secunda in sense of Lindl., not of *Orchis secunda* Thunb. =
Holothrix cernua

MYSTACIDIUM Lindl. 1837000

- (1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 267–271.
 (2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 439–444.

aliceae Bolus

Perennial. Herb, epiphyte. Ht up to 0.07 m. Alt ?–300 m.
 KZN, EC

brayboniae Summerh.

Perennial. Herb, epiphyte. Ht up to 0.06 m. Alt ?–1220 m.
 LIM

caffrum (Bolus) Bolus = **Diaphanthe caffra**

capense (L.f.) Schltr.

- Aeranthus filicornis* (Lindl.) Rchb.f., illegitimate name (2)
Angraecum capense (L.f.) Lindl. (1)
Epidendrum capense L.f. (2)
Eulophia longicornis (Thunb.) Spreng., illegitimate name (2)
Limodorum longicornu Thunb., illegitimate name (2)
M. filicorne Lindl., illegitimate name (2)
M. longicornu (Thunb.) T.Durand & Schinz, illegitimate name (2)

- Perennial. Herb, epiphyte. Ht up to 0.13 m. Alt 15–915 m.
M, S, KZN, WC, EC
- exile* (Lindl.) T.Durand & Schinz = **Microcoelia exilis filicornis** Lindl., illegitimate name = **M. capense**
- flanaganii** (Bolus) Bolus
Angraecum flanaganii Bolus (1)
Perennial. Herb, epiphyte. Ht up to 0.04 m. Alt 610–1820 m. M, KZN, EC
- gerrardii* (Rchb.f.) Bolus = **Diaphananthe xanthopollinia gracile** Harv.
Aeranthus gracilis (Harv.) Rchb.f. (2)
Perennial. Herb, epiphyte. Ht up to 0.03 m. Alt ?–2135 m. LIM, M, KZN, EC
- gracile* in sense of Bolus = **M. venosum**
- longicornu* (Thunb.) T.Durand & Schinz, illegitimate name = **M. capense**
- millarii* Bolus = **Diaphananthe millarii**
- musculolum* (Rchb.f.) T.Durand & Schinz = **Rangaeris muscicola**
- peglerae* Bolus = **Diaphananthe xanthopollinia pusillum** Harv.
Aeranthus pusillum (Harv.) Rchb.f. (2)
Perennial. Herb, epiphyte. Ht up to 0.04 m. Alt 30–460 m. M, KZN, EC
- taeniophylloides* Kraenzl. = **M. venosum**
- venosum** Harv. ex Rolfe
M. gracile in sense of Bolus (2)
M. taeniophylloides Kraenzl. (2)
Perennial. Herb, epiphyte. Ht up to 0.05 m. Alt 25–1675 m. LIM, M, S, KZN, EC
- walleri* Rolfe = **Jumellea walleri**
- xanthopollinium* (Rchb.f.) T.Durand & Schinz = **Diaphananthe xanthopollinia**
- NEOBOLUSIA** Schltr. 1429000
(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 71, 72.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 85–87.
- tysonii** (Bolus) Schltr.
Brachycorythis junodiana Kraenzl. (2)
Brachycorythis tysonii Bolus (1)
Perennial. Herb, geophyte. Ht 0.15–0.8 m. Alt 600–2350 m. LIM, M, S, KZN, L, EC
- virginea* (Bolus) Schltr. = **Dracomonticola virginea**
- NERVILIA** Comm. ex Gaudich. 1468000
(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 213–215.
(2) Pettersson. 1990. *Nordic Journal of Botany* 9: 487–497.
(3) Pettersson. 1991. *Orchid Monographs* 5: 1–89.
(4) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 354–359.
- adolphii* in sense of J.L.Stewart *et al.* in part = **N. gassneri**
- bicarinata** (Blume) Schltr.
N. grandiflora in sense of I.Verd. (3)
N. natalensis in sense of J.H.Ross (3)
N. umbrosa (Rchb.f.) Schltr. (3)
N. viridiflava (Rchb.f.) Schltr. (3)
Pogonia bicarinata Blume (3)
Pogonia umbrosa Rchb.f. (3)
Pogonia viridiflava Rchb.f. (3)
Perennial. Herb, geophyte. Ht 0.17–0.75 m. Alt ?–1500 m. LIM, M, KZN
- crociformis** (Zoll. & Moritzi) Seidenf.
Bolborchis crociformis Zoll. & Moritzi (3)
N. erosa P.J.Cribb (3)
N. humilis Schltr. (3)
N. reniformis Schltr. (3)
- Perennial. Herb, geophyte. Ht 0.02–0.1 m. Alt 75–2000 m. M, S
- erosa* P.J.Cribb = **N. crociformis**
- gassneri** Börge Pett.
N. adolphii in sense of J.L.Stewart *et al.* in part (3)
Perennial. Herb, geophyte. Ht 0.025–0.1 m. Alt 1150–1900 m. LIM
- grandiflora* in sense of I.Verd. = **N. bicarinata**
- grandiflora* Schltr. = **N. renschiana**
- humilis* Schltr. = **N. crociformis**
- kotschy** (Rchb.f.) Schltr. var. **purpurata** (Rchb.f. & Sond.) Börge Pett.
N. purpurata (Rchb.f. & Sond.) Schltr. (3)
Pogonia purpurata Rchb.f. & Sond. (3)
Perennial. Herb, geophyte. Ht 0.08–0.42 m. Alt ?–1200 m. NW, G, M
- natalensis* in sense of J.H.Ross = **N. bicarinata**
- natalensis* Schelpe = **N. renschiana**
- purpurata* in sense of J.L.Stewart *et al.* in part = **N. renschiana**
- purpurata* (Rchb.f. & Sond.) Schltr. = **N. kotschy** var. **purpurata**
- reniformis* Schltr. = **N. crociformis**
- renschiana** (Rchb.f.) Schltr.
N. grandiflora Schltr. (3)
N. natalensis Schelpe (3)
N. purpurata in sense of J.L.Stewart *et al.* in part (3)
N. umbrosa in sense of Schelpe (3)
Pogonia purpurata in sense of Bews (3)
Pogonia renschiana Rchb.f. (3)
Perennial. Herb, geophyte. Ht 0.25–0.8 m. Alt 100–1760 m. KZN
- umbrosa* in sense of Schelpe = **N. renschiana**
- umbrosa* (Rchb.f.) Schltr. = **N. bicarinata**
- viridiflava* (Rchb.f.) Schltr. = **N. bicarinata**
- NOTIOPHRYS** Lindl. 1516020
glandulosa Lindl. = **Platylepis glandulosa**
- OBERONIA** Lindl. 1558000
(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 215, 216.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 362, 363.
- disticha** (Lam.) Schltr.
Epidendrum distichum Lam. (2)
Perennial. Herb, epiphyte. Ht up to 0.1 m. Alt ?–800 m. LIM
- OECEOCLADES** Lindl. 1648020
(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 251–253.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 395–398.
- decaryana** (H.Perrier) Garay & P.Taylor
Eulophia decaryana H.Perrier (2)
Eulophidium decaryanum (H.Perrier) Summerh. (2)
Lissochilus decaryanus (H.Perrier) H.Perrier (2)
Perennial. Herb, succulent. Ht 0.5–1 m. Alt ?–80 m. KZN
- lonchophylla** (Rchb.f.) Garay & P.Taylor
Eulophia dissimilis R.A.Dyer (1)
Eulophia lonchophylla Rchb.f. (2)
Eulophia tainioides Schltr. (2)
Eulophidium dissimile R.A.Dyer (1)
Eulophidium lonchophylla (Rchb.f.) Schltr. (2)
Eulophidium tainioides (Schltr.) Summerh. (1)
Lissochilus lonchophylla (Rchb.f.) H.Perrier (2)

- Perennial. Herb, succulent, terrestrial, epiphyte. Ht up to 0.5 m. Alt? KZN
- mackenii** (Rolfe ex Hemsl.) Garay & P.Taylor
Eulophia mackenii Rolfe ex Hemsl. (1)
Eulophidium mackenii (Rolfe ex Hemsl.) Schltr. (1)
Perennial. Herb, succulent, terrestrial. Ht up to 0.3 m. Alt? KZN
- OMMATODIUM** Lindl. 1438010
volucris (L.f.) Lindl. = **Pterygodium volucris**
- OPHRYS** L. 1394000
alaris L.f. = **Pterygodium catholicum**
alata Thunb. = **Pterygodium alatum**
atrata L. = **Ceratandra atrata**
bicolor Thunb. = **Corycium bicolorum**
bivalvata L.f. = **Disa bivalvata**
bracteata L.f. = **Satyrium bracteatum**
caffra L. = **Pterygodium caffrum**
catholica L. = **Pterygodium catholicum**
inversa Thunb. = **Pterygodium inversum**
patens L.f. = **Disa tenuifolia**
triphylla Thunb. = **Pterygodium volucris**
volucris L.f. = **Pterygodium volucris**
volucris Thunb. = **Corycium orobanchoides**
- ORCHIS** L. 1396000
barbata L.f. = **Disa barbata**
bicornis L. = **Satyrium bicorne**
biflora L. = **Schizodium satyrioides**
burmanniana L. = **Bartholina burmanniana**
carnea Dryand. = **Satyrium carneum**
cernua Burm.f. = **Holothrix cernua**
circumflexa L. = **Disperis circumflexa** subsp. **circumflexa**
cornuta L. = **Disa cornuta**
draconis L.f. = **Disa draconis**
filicornis L.f. = **Disa filicornis**
flexuosa L. = **Schizodium flexuosum**
foliosa Sw. = **Habenaria epipactidea**
hispida Thunb. (1794), in part = **Holothrix cernua**
hispida Thunb. (1794); Thunb. (1823) in part as to specimen Thunberg β (UPS) = **Holothrix villosa** var. **villosa**
hispidula L.f. = **Holothrix cernua**
ichneumonea Sw. = **Habenaria ichneumonea**
pectinata Thunb., illegitimate name = **Bartholina burmanniana**
sagittalis L.f. = **Disa sagittalis**
satyrioides L. = **Schizodium satyrioides**
secunda Thunb. = **Holothrix secunda**
spathulata L.f. = **Disa spathulata** subsp. **spathulata**
speciosa L.f. = **Bonatea speciosa** var. **speciosa**
tenella L.f. = **Disa tenella** subsp. **tenella**
tenuifolia Burm.f. = **Disa tenella** subsp. **tenella**
tripetaloides L.f. = **Disa tripetaloides**
- ORTHOCHILUS** Hochst. ex A.Rich. 1648040
welwitschii Rchb.f. = **Eulophia welwitschii**
- ORTHOPENTHEA** Rolfe 1434020
atricapilla (Harv. ex Lindl.) Rolfe = **Disa atricapilla**
bivalvata (L.f.) Rolfe = **Disa bivalvata**
bodkinii (Bolus) Rolfe = **Disa bodkinii**
elegans (Sond. ex Rchb.f.) Rolfe = **Disa elegans**
fasciata (Lindl.) Rolfe = **Disa fasciata**
minor (Sond.) Rolfe = **Disa minor**
obtusa (Lindl.) Schelpe = **Disa richardiana**
richardiana (Lehm. ex Bolus.) Rolfe = **Disa richardiana**
rosea (Lindl.) Rolfe = **Disa rosea**
schizodioides (Sond.) Rolfe = **Disa schizodioides**
telipogonis (Rchb.f.) Rolfe = **Disa telipogonis**
triloba (Sond.) Rolfe = **Disa oligantha**
- PACHITES** Lindl. 1426000
(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 180.
(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 150–152.
- appressa** Lindl.
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt 450–1000 m. WC
- bodkinii** Bolus
Perennial. Herb, geophyte. Ht 0.1–0.2 m. Alt 300–1000 m. WC
- PENTHEA** Lindl. 1434030
atricapilla Harv. ex Lindl. = **Disa atricapilla**
filicornis (L.f.) Lindl. = **Disa filicornis**
melaleuca (Thunb.) Lindl. = **Disa bivalvata**
minor Sond. = **Disa minor**
obtusa Lindl. = **Disa richardiana**
patens (L.f.) Lindl. = **Disa tenuifolia**
reflexa Lindl. = **Disa filicornis**
triloba Sond. = **Disa oligantha**
- PERISTYLUS** Blume 1410020
natalensis (Rchb.f.) Rolfe = **Habenaria petitiiana**
petitianus A.Rich. = **Habenaria petitiiana**
- PLATANTHERA** Rich. 1410000
bulbinella (Rchb.f.) Schltr. = **Schizochilus bulbinella**
gerrardii (Rchb.f.) Schltr. = **Schizochilus gerrardii**
inhambanensis Schltr. = **Brachycorythis inhambanensis**
macowaniana (Rchb.f.) Schltr. = **Brachycorythis macowaniana**
natalensis (Rchb.f.) Schltr. = **Habenaria petitiiana**
petitiiana (A.Rich.) Engl. = **Habenaria petitiiana**
tenuior (Rchb.f.) Schltr. = **Brachycorythis tenuior**
virginica Bolus = **Dracomonticola virginica**
zeyheri (Sond.) Schltr. = **Schizochilus zeyheri**
- PLATYCORYNE** Rchb.f. 1422030
(1) La Croix & Cribb. 1995. *FZ* 11: 148–157.
- mediocris** Summerh.
Perennial. Herb, geophyte. Ht 0.2–0.5 m. Alt? M

PLATYLEPIS A.Rich. 1516000

- (1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 212.
 (2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 75, 76.
angolensis (Rchb.f.) T.Durand & Schinz = **P. glandulosa**
australis Rolfe = **P. glandulosa**
glandulosa (Lindl.) Rchb.f.
Diplogastra angolensis Rchb.f. (2)
Notiophrys glandulosa Lindl. (2)
P. angolensis (Rchb.f.) T.Durand & Schinz (2)
P. australis Rolfe (1)
 Perennial. Herb. Ht 0.15–0.5 m. Alt 5–50 m. KZN

POGONIA Juss. 1464000

- bicarinata* Blume = **Nervilia bicarinata**
purpurata in sense of Bews = **Nervilia renschiana**
purpurata Rchb.f. & Sond. = **Nervilia kotschyi** var. **purpurata**
renschiana Rchb.f. = **Nervilia renschiana**
umbrosa Rchb.f. = **Nervilia bicarinata**
viridiflava Rchb.f. = **Nervilia bicarinata**

POLYSTACHYA Hook. 1565000

- (1) Ball. 1978. *Southern African epiphytic orchids*: 1–247.
 (2) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 222–229.
 (3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 407–416.

- albescens** Ridl. subsp. **imbricata** (Rolfe) Summerh.
P. imbricata Rolfe (3)
P. oligophylla Schltr. (3)
 Perennial. Herb, epiphyte. Ht 0.15–0.4 m. Alt ?–1200 m.
 LIM, M, S

- capensis* Sond. ex Harv. = **P. ottoniana**
concreta (Jacq.) Garay & Sweet in part = **P. tessellata**
concreta (Jacq.) Garay & Sweet in part = **P. modesta**
cultrata Lindl. = **P. cultriformis**

- cultriformis** (Thouars) Spreng.
Dendrobium cultriforme Thouars (3)
P. cultrata Lindl. (3)
P. gerrardii Harv. (2)
 Perennial. Herb, epiphyte. Ht 0.23–0.3 m. Alt ?–1860 m.
 M, S, KZN

- fusiformis** (Thouars) Lindl.
Dendrobium fusiformis Thouars (3)
 Perennial. Herb, succulent, epiphyte. Ht up to 0.3 m. Alt
 450–1400 m. LIM, M, KZN, EC

- gerrardii* Harv. = **P. cultriformis**
glaberrima Schltr. = **P. ottoniana**
imbricata Rolfe = **P. albescens** subsp. **imbricata**
lindleyana Harv., illegitimate name = **P. pubescens**

- modesta** Rchb.f.
P. concreta (Jacq.) Garay & Sweet in part (3)
P. rigidula Rchb.f. (3)
P. similis Rchb.f. (3)
 Perennial. Herb, succulent, epiphyte. Ht up to 0.4 m. Alt?
 KZN

- natalensis* Rolfe = **P. transvaalensis**
oligophylla Schltr. = **P. albescens** subsp. **imbricata**
ottoniana Rchb.f.
P. capensis Sond. ex Harv. (3)
P. glaberrima Schltr. (2)
P. pisobulbon Kraenzl. (2)
 Perennial. Herb, succulent, epiphyte. Ht 0.04–0.15 m.
 Alt 185–1800 m. LIM, M, S, KZN, WC, EC

- pisobulbon* Kraenzl. = **P. ottoniana**
pubescens (Lindl.) Rchb.f.
Epiphora pubescens Lindl. (3)
P. lindleyana Harv. illegitimate name (3)
 Perennial. Herb, succulent, epiphyte. Ht 0.1–0.2 m. Alt
 180–1560 m. LIM, M, S, KZN, EC

- rigidula* Rchb.f. = **P. modesta**
sandersonii Harv.
 Perennial. Herb, succulent, epiphyte. Ht 0.08–0.2 m. Alt
 45–380 m. LIM, S, KZN, EC

- sandersonii* in sense of Pole Evans = **P. zambeiaca**
similis Rchb.f. = **P. modesta**

- tessellata** Lindl.
P. concreta (Jacq.) Garay & Sweet in part (3)
P. tessellata Lindl. var. *tricururis* (Rchb.f.) Schelpe (3)
P. tricururis Rchb.f. (3)
 Perennial. Herb, succulent, lithophyte, epiphyte. Ht 0.23–
 0.6 m. Alt 305–775 m. LIM, M, S, KZN, EC

- tessellata* Lindl. var. *tricururis* (Rchb.f.) Schelpe = **P. tessellata**

- transvaalensis** Schltr.
P. natalensis Rolfe (2)
 Perennial. Herb, epiphyte. Ht 0.1–0.3 m. Alt 762–1900
 m. LIM, M, S, KZN

- tricururis* Rchb.f. = **P. tessellata**
zambeiaca Rolfe
P. sandersonii in sense of Pole Evans (3)
 Perennial. Herb, succulent, epiphyte. Ht 0.08–0.17 m. Alt
 ?–1807 m. LIM, S

- zuluensis** L.Bolus
 Perennial. Herb, succulent, lithophyte, epiphyte. Ht 0.35–
 0.4 m. Alt ?–1370 m. S, KZN

PTERYGODIUM Sw. 1438000

- (1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 183–189.
 (2) Linder. 1988. *South African Journal of Botany* 54: 496–500.
 (3) Kurzweil *et al.* 1991. *Plant Systematics and Evolution* 175: 161–223.
 (4) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 327–339.

- acutifolium** Lindl.
 Perennial. Herb, geophyte. Ht 0.22–0.47 m. Alt 50–1500
 m. WC, EC

- alare* (L.f.) Druce = **P. catholicum**
alatum (Thunb.) Sw.
Ophrys alata Thunb. (4)
 Perennial. Herb, geophyte. Ht up to 0.18 m. Alt 10–1000
 m. WC, EC

- atratum* (L.) Sw. = **Ceratandra atrata**
bicolorum (Thunb.) Schltr. = **Corycium bicolorum**
bifidum (Sond.) Schltr. = **Corycium bifidum**

- caffrum** (L.) Sw.
Ophrys caffra L. (4)
 Perennial. Herb, geophyte. Ht up to 0.34 m. Alt 30–450
 m. WC, EC

- carnosum* Lindl. = **Corycium carnosum**
catholicum (L.) Sw.
Arethusa alaris (L.f.) Thunb. (4)
Ophrys alaris L.f. (4)
Ophrys catholica L. (4)
P. alare (L.f.) Druce (4)
 Perennial. Herb, geophyte. Ht 0.1–0.34 m. Alt 15–1600
 m. WC, EC

cleistogamum (Bolus) Schltr. = **P. newdigatae** var. **cleistogamum**

connivens Schelpe

Perennial. Herb, geophyte. Ht up to 0.2 m. Alt ?–60 m. WC

cooperi Rolfe

P. macloughlinii L. Bolus (1)

Perennial. Herb, geophyte. Ht 0.17–0.29 m. Alt 1500–2800 m. KZN, L, EC

crispum (Thunb.) Schltr. = **Corycium crispum**

cruciferum Sond.

Perennial. Herb, geophyte. Ht up to 0.4 m. Alt ?–100 m. WC

deflexum Bolus = **Corycium deflexum**

excisum (Lindl.) Schltr. = **Corycium excisum**

flanagani Bolus = **Corycium flanagani**

hallii (Schelpe) Kurzweil & H.P. Linder

Anochilus hallii Schelpe (3)

Perennial. Herb, geophyte. Ht 0.45–0.5 m. Alt ?–1600 m. NC, WC

hastatum Bolus

Perennial. Herb, geophyte. Ht 0.13–0.35 m. Alt 1200–3000 m. LIM, M, S, FS, KZN, L, EC

inversum (Thunb.) Sw.

Anochilus inversus (Thunb.) Rolfe (3)

Ophrys inversa Thunb. (4)

Perennial. Herb, geophyte. Ht up to 0.55 m. Alt 90–1000 m. WC

leucanthum Bolus

Perennial. Herb, geophyte. Ht up to 0.4 m. Alt 1300–2400 m. KZN, L, EC

macloughlinii L. Bolus = **P. cooperi**

magnum Rchb.f.

Corycium magnum (Rchb.f.) Rolfe (3)

Perennial. Herb, geophyte. Ht 0.6–1.5 m. Alt 500–2000 m. LIM, M, S, FS, KZN, EC

microglossum (Lindl.) Schltr. = **Corycium microglossum**

mundii Schltr. = **Corycium bicolorum**

newdigatae Bolus var. **cleistogamum** Bolus

P. cleistogamum (Bolus) Schltr. (4)

Perennial. Herb, geophyte. Ht up to 0.35 m. Alt ?–610 m. WC, EC

newdigatae Bolus var. **newdigatae**

Perennial. Herb, geophyte. Ht up to 0.35 m. Alt? WC

nigrescens (Sond.) Schltr. = **Corycium nigrescens**

orobanchoides (L.f.) Schltr. = **Corycium orobanchoides**

patersoniae Schltr. = **Corycium carnosum**

pentherianum Schltr.

Perennial. Herb, geophyte. Ht up to 0.2 m. Alt 600–1200 m. WC

platypetalum Lindl.

Perennial. Herb, geophyte. Ht up to 0.24 m. Alt 550–1500 m. WC

rubiginosum Sond. ex Bolus = **Evotella rubiginosa**

schelpei H.P. Linder

Perennial. Herb, geophyte. Ht 0.09–0.3 m. Alt 400–1130 m. NC, WC

tricuspidatum (Bolus) Schltr. = **Corycium tricuspidatum**

venosum Lindl. = **Ceratandra venosa**

vestitum (Sw.) Schltr. = **Corycium orobanchoides**

volucris (L.f.) Sw.

Ommatodium volucris (L.f.) Lindl. (1)

Ophrys triphylla Thunb. (4)

Ophrys volucris L.f. (4)

Perennial. Herb, geophyte. Ht up to 0.52 m. Alt 60–900 m. WC, EC

RADINOCION Ridl. = **AERANGIS**

RANGAERIS (Schltr.) Summerh. 1830010

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 265.

(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 444, 445.

muscicola (Rchb.f.) Summerh.

Aeranthus muscicola Rchb.f. (2)

Listrostachys muscicola (Rchb.f.) Rolfe (2)

Mystacidium muscicolium (Rchb.f.) T. Durand & Schinz (2)

Perennial. Herb, epiphyte. Ht up to 0.18 m. Alt 180–335 m. M, KZN, EC

RHAPHIDORHYNCHUS Finet 1828130

kotschyi (Rchb.f.) Finet = **Aerangis kotschyana**

RHIPIDOGLOSSUM Schltr. 1828050

gerrardii (Rchb.f.) Schltr. = **Diaphanthe xanthopollinia**

peglerae (Bolus) Schltr. = **Diaphanthe xanthopollinia**

xanthopollinium (Rchb.f.) Schltr. = **Diaphanthe xanthopollinia**

SACCIDIUM Lindl. 1408010

pilosum Lindl. = **Holothrix pilosa**

SACCOLABIUM Blume 1822000

pachyglossa (Rchb.f.) Rolfe = **Acampe pachyglossa**

SATYRIDIUM Lindl. 1430010

rostratum Lindl. = **Satyrium rhynchanthum**

SATYRIUM Sw. 1430000

(1) Hall. 1982. *Contributions from the Bolus Herbarium* 10: 1–142.

(2) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 160–179.

(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 152–181.

aculeatum L.f. = **Eulophia aculeata** subsp. **aculeata**

acuminatum Lindl.

Perennial. Herb, geophyte. Ht 0.12–0.61 m. Alt 100–1500 m. WC, EC

aphyllum Schltr. = **S. parviflorum**

atherstonei Rchb.f. = **S. trinerve**

aureum Paxton = **S. coriifolium**

barbatum (L.f.) Thunb. = **Disa barbata**

beyrichianum Kraenzl. = **S. neglectum** subsp. **woodii**

bicallosum Thunb.

Diplecthrum bicallosum (Thunb.) Pers. (1)

S. bicallosum Thunb. var. *ocellatum* Bolus (1)

S. bicallosum Thunb. var. *thunbergianum* Bolus (1)

Perennial. Herb, geophyte. Ht 0.05–0.35 m. Alt ?–1000 m. WC

bicallosum Thunb. var. *ocellatum* Bolus = **S. bicallosum**

bicallosum Thunb. var. *thunbergianum* Bolus = **S. bicallosum**

bicorne (L.) Thunb.

Orchis bicornis L. (1)

S. cucullatum Sw. (1)

Perennial. Herb, geophyte. Ht 0.14–0.61 m. Alt ?–1200 m. WC, NC

bifidum Thunb. = **Schizodium bifidum**

bowiei Rolfe = **S. bracteatum**

bracteatum in sense of Lindl., not of Thunb. = **S. retusum**

bracteatum (L.f.) Thunb.

Diplecthrum bracteatum (L.f.) Pers. (1)

Ophrys bracteata L.f. (1)

S. bowiei Rolfe (1)

S. bracteatum (L.f.) Thunb. var. *glandulosum* Sond. (1)

S. bracteatum (L.f.) Thunb. var. *latebracteatum* Sond. (1)

S. bracteatum (L.f.) Thunb. var. *lineatum* (Lindl.) Sond. (1)

S. bracteatum (L.f.) Thunb. var. *nanum* Bolus (1)

S. bracteatum (L.f.) Thunb. var. *pictum* (Lindl.) Schltr. (1)

S. bracteatum (L.f.) Thunb. var. *saxicolium* (Bolus) Schltr. (1)

S. cordifolium Lindl. (1)

S. dregei Rolfe (1)

S. fanniniae Rolfe (1)

S. lineatum Lindl. (1)

S. paludicolum Schltr. (1)

S. pictum Lindl. (1)

S. saxicolium Bolus (1)

Perennial. Herb, geophyte, lithophyte. Ht 0.03–0.33 m.

Alt 20–2000 m. LIM, M, KZN, WC, EC

bracteatum (L.f.) Thunb. var. *glandulosum* Sond. = **S. bracteatum**

bracteatum (L.f.) Thunb. var. *latebracteatum* Sond. = **S. bracteatum**

bracteatum (L.f.) Thunb. var. *lineatum* (Lindl.) Sond. = **S. bracteatum**

bracteatum (L.f.) Thunb. var. *nanum* Bolus = **S. bracteatum**

bracteatum (L.f.) Thunb. var. *pictum* (Lindl.) Schltr. = **S. bracteatum**

bracteatum (L.f.) Thunb. var. *saxicolium* (Bolus) Schltr. = **S. bracteatum**

candidum Lindl.

S. candidum Lindl. var. *minus* Sond. (1)

S. utriculatum Sond. (1)

Perennial. Herb, geophyte. Ht 0.2–0.62 m. Alt ?–300 m. WC

candidum Lindl. var. *minus* Sond. = **S. candidum**

candidum Lindl. × *S. bicallosum* Thunb. = ×**S. guthriei**

capense (P.J.Bergius) Hoult. = **Acrolophia capensis**

carneum (Dryand.) Sims

Orchis carnea Dryand. (1)

Perennial. Herb, geophyte. Ht 0.34–0.8 m. Alt ?–300 m. WC

carneum (Dryand.) Sims × **S. coriifolium** Sw.

Perennial. Herb, geophyte. Ht? Alt? WC

cassideum Lindl. = **S. parviflorum**

cernuum Thunb. = **Disa cernua**

cordifolium Lindl. = **S. bracteatum**

coriifolium Sw.

Diplecthrum coriifolium (Sw.) Pers. (1)

S. aureum Paxton (1)

S. coriifolium Sw. var. *maculatum* Hook.f. (1)

Perennial. Herb, geophyte. Ht 0.18–0.77 m. Alt 15–750 m.

WC, EC

coriifolium Sw. var. *maculatum* Hook.f. = **S. coriifolium**

cornutum (L.) Thunb. = **Disa cornuta**

cristatum in sense of Pole Evans = **S. cristatum** var. **longilabiatum**

cristatum Sond. var. **cristatum**

S. pentadactylum Kraenzl. (1)

Perennial. Herb, geophyte. Ht 0.14–0.55 m. Alt 607–2430

m. LIM, NW, G, M, S, FS, KZN, L, EC

cristatum Sond. var. **longilabiatum** A.V.Hall

S. cristatum in sense of Pole Evans (3)

Perennial. Herb, geophyte. Ht 0.14–0.55 m. Alt 1000–2000

m. LIM, M, S, KZN, L, EC

cucullatum Sw. = **S. bicorne**

cylindricum Thunb. = **Disa cylindrica**

debile Bolus = **S. retusum**

densiflorum Lindl. = **S. parviflorum**

draconis (L.f.) Thunb. = **Disa draconis**

dregei Rolfe = **S. bracteatum**

emarcidum Bolus = **S. ligulatum**

erectum Sw.

Diplecthrum erectum (Sw.) Pers. (1)

S. papillosum Lindl. (1)

S. pustulatum Lindl. (1)

Perennial. Herb, geophyte. Ht 0.1–0.56 m. Alt 250–1500

m. NC, WC, EC

erectum Sw. × **S. bicorne** (L.) Thunb.

Perennial. Herb, geophyte. Ht? Alt? WC

erectum Sw. × **S. coriifolium** Sw.

Perennial. Herb, geophyte. Ht? Alt? WC

eristomum Lindl. = **S. parviflorum**

excelsum Thunb. = **Disa tripetaloides**

fanniniae Rolfe = **S. bracteatum**

ferrugineum Thunb. = **Disa ferruginea**

flexuosum (L.) Thunb. = **Schizodium flexuosum**

foliosum Sw.

Perennial. Herb, geophyte. Ht 0.23–0.31 m. Alt? WC

foliosum Sw. var. *helonioides* Lindl. = **S. hallackii** subsp.

hallackii

grandiflora (L.f.) Thunb. = **Disa uniflora**

×**guthriei** Bolus

S. candidum Lindl. × *S. bicallosum* Thunb. (1)

Perennial. Herb, geophyte. Ht? Alt? WC

hallackii Bolus subsp. **hallackii**

S. foliosum Sw. var. *helonioides* Lindl. (1)

Perennial. Herb, geophyte. Ht 0.19–0.62 m. Alt ?–600 m.

WC, EC

hallackii Bolus subsp. **ocellatum** (Bolus) A.V.Hall

S. nutans Kraenzl. (1)

S. ocellatum Bolus (1)

Perennial. Herb, geophyte. Ht 0.19–0.62 m. Alt 610–2100

m. LIM, NW, G, M, S, KZN, L, EC

hians L.f. = **Disa hians**

humile Lindl.

S. ochroleucum Bolus (1)

Perennial. Herb, geophyte. Ht 0.1–0.42 m. Alt 150–1500

m. WC

jacottetiae Kraenzl. = **S. membranaceum**

jacottetianum Kraenzl. = **S. longicauda** var. **jacottetianum**

ligulatum Lindl.

S. emarcidum Bolus (1)

Perennial. Herb, geophyte. Ht 0.09–0.55 m. Alt 3–2000

m. FS, KZN, NC, WC, EC

lindleyanum Bolus = **S. retusum**

lineatum Lindl. = **S. bracteatum**

longicauda Lindl. var. **jacottetianum** (Kraenzl.) A.V.Hall

S. jacottetianum Kraenzl. (1)

Perennial. Herb, geophyte. Ht 0.17–0.85 m. Alt 600–3000

m. M, FS, KZN, L, EC

longicauda Lindl. var. **longicauda***S. platystigma* Schltr. (1)

Perennial. Herb, geophyte. Ht 0.18–0.85 m. Alt 30–2100 m. LIM, M, S, FS, KZN, L, WC, EC

longicauda Lindl. × *S. neglectum* Schltr. subsp. *woodii* (Schltr.) A.V. Hall = **S. rhodanthum****longicolle** Lindl.*S. maculatum* Burch. ex Lindl. (1)

Perennial. Herb, geophyte. Ht 0.11–0.43 m. Alt 15–760 m. WC, EC

lupulinum Lindl.*S. pallidiflorum* Schltr. (1)

Perennial. Herb, geophyte. Ht 0.14–0.5 m. Alt 200–900 m. WC, EC

lydenburgense Rchb.f. = **S. parviflorum****macrophyllum** Lindl.

Perennial. Herb, geophyte. Ht 0.25–1.06 m. Alt 355–1800 m. KZN, EC

maculatum Burch. ex Lindl. = **S. longicolle***marginatum* Bolus = **S. stenopetalum** subsp. **brevicalcaratum****membranaceum** Sw.*S. jacottetiae* Kraenzl. (1)

Perennial. Herb, geophyte. Ht 0.17–0.57 m. Alt 60–1600 m. WC, EC

microrrhynchum Schltr.

Perennial. Herb, geophyte. Ht 0.15–0.36 m. Alt 1600–3300 m. M, KZN, EC

militare Lindl. = **S. sphaerocarpum***monopetalum* Kraenzl. = **S. trinerve****muticum** Lindl.

Perennial. Herb, geophyte. Ht 0.18–0.37 m. Alt ?–200 m. WC

neglectum Schltr. subsp. **neglectum**

Perennial. Herb, geophyte. Ht 0.2–1.07 m. Alt 900–3035 m. LIM, M, S, FS, KZN, L, EC

neglectum Schltr. subsp. **woodii** (Schltr.) A.V.Hall*S. beyrichianum* Kraenzl. (1)*S. woodii* Schltr. (1)

Perennial. Herb, geophyte. Ht 0.2–1.07 m. Alt 300–900 m. KZN, EC

nutans Kraenzl. = **S. hallackii** subsp. **ocellatum***ocellatum* Bolus = **S. hallackii** subsp. **ocellatum***ochroleucum* Bolus = **S. humile****odorum** Sond.

Perennial. Herb, geophyte. Ht 0.1–0.56 m. Alt ?–650 m. WC

orobanchoides L.f. = **Corycium orobanchoides****outeniquense** Schltr.

Perennial. Herb, geophyte. Ht 0.1–0.28 m. Alt 160–1000 m. WC, EC

pallens S.D.Johnson & Kurzweil

Perennial. Herb, geophyte. Ht up to 0.5 m. Alt ?–900 m. WC

pallidiflorum Schltr. = **S. lupulinum***paludicolum* Schltr. = **S. bracteatum***papillosum* Lindl. = **S. erectum***parviflorum* in sense of Lindl., not of Sw. = **S. stenopetalum** subsp. **brevicalcaratum****parviflorum** Sw.*Diplectrum parviflorum* (Sw.) Pers. (1)*S. aphyllum* Schltr. (1)*S. cassideum* Lindl. (1)*S. densiflorum* Lindl. (1)*S. eriostomum* Lindl. (1)*S. lydenburgense* Rchb.f. (1)*S. tenuifolium* Kraenzl. (1)*S. wilmsianum* Kraenzl. (1)

Perennial. Herb, geophyte. Ht 0.15–1.3 m. Alt 60–2685 m. LIM, G, M, S, FS, KZN, L, WC, EC

pedicellatum L.f. = **Eulophia aculeata** subsp. **aculeata***pentadactylum* Kraenzl. = **S. cristatum** var. **cristatum***pentherianum* Kraenzl. = **S. pygmaeum***pictum* Lindl. = **S. bracteatum***platystigma* Schltr. = **S. longicauda** var. **longicauda****princeps** Bolus

Perennial. Herb, geophyte. Ht 0.28–0.86 m. Alt ?–150 m. WC, EC

pulehrum S.D.Johnson & Kurzweil

Perennial. Herb, geophyte. Ht up to 0.4 m. Alt ?–800 m. WC

pumilum Thunb.*Aviceps pumila* (Thunb.) Lindl. (1)*Diplectrum pumilum* (Thunb.) Pers. (1)

Perennial. Herb, geophyte. Ht 0.01–0.03 m. Alt 450–1200 m. NC, WC

pustulatum Lindl. = **S. erectum****pygmaeum** Sond.*S. pentherianum* Kraenzl. (1)*S. schlechteri* Rolfe (1)

Perennial. Herb, geophyte. Ht 0.05–0.2 m. Alt 240–1550 m. WC

retusum Lindl.*S. bracteatum* in sense of Lindl., not of Thunb. (1)*S. debile* Bolus (1)*S. lindleyanum* Bolus (1)

Perennial. Herb, geophyte. Ht 0.04–0.31 m. Alt ?–1700 m. WC, EC

rhodanthum Schltr.*S. longicauda* Lindl. × *S. neglectum* Schltr. subsp. *woodii* (Schltr.) A.V.Hall (3)

Perennial. Herb, geophyte. Ht 0.25–0.4 m. Alt? KZN

rhynchanthum Bolus*Satyridium rostratum* Lindl. (3)

Perennial. Herb, geophyte. Ht 0.16–0.4 m. Alt 300–1000 m. WC

rufescens Thunb. = **Disa rufescens****rupestre** Schltr. ex Bolus

Perennial. Herb, geophyte. Ht 0.1–0.43 m. Alt 60–1500 m. WC, EC

sagittale (L.f.) Thunb. = **Disa sagittalis***saxicolum* Bolus = **S. bracteatum***schlechteri* Rolfe = **S. pygmaeum***secundum* Thunb. = **Disa racemosa***spathulatum* (L.f.) Thunb. = **Disa spathulata** subsp. **spathulata****sphaerocarpum** Lindl.*S. militare* Lindl. (1)

Perennial. Herb, geophyte. Ht 0.17–0.51 m. Alt 4–2210 m. KZN, EC

stenopetalum Lindl. subsp. **brevicalcaratum** (Bolus) A.V.Hall*S. marginatum* Bolus (1)*S. parviflorum* in sense of Lindl., not of Sw. (1)*S. stenopetalum* Lindl. var. *brevicalcaratum* Bolus (1)*S. stenopetalum* Lindl. var. *parviflorum* (Lindl.) Schltr. (1)

Perennial. Herb, geophyte. Ht 0.15–0.55 m. Alt 60–900 m.
WC

stenopetalum Lindl. subsp. **stenopetalum**

Perennial. Herb, geophyte. Ht 0.15–0.56 m. Alt 45–730 m. WC, EC

stenopetalum Lindl. var. *brevicalcaratum* Bolus = **S. stenopetalum** subsp. **brevicalcaratum**

stenopetalum Lindl. var. *parviflorum* (Lindl.) Schltr. = **S. stenopetalum** subsp. **brevicalcaratum**

striatum Thunb.

Diplecthrum striatum (Thunb.) Pers. (1)

Perennial. Herb, geophyte. Ht 0.05–0.15 m. Alt 100–800 m. WC

tabulare L.f. = **Eulophia tabularis**

tenellum (L.f.) Thunb. = **Disa tenella** subsp. **tenella**

tenuifolium Kraenzl. = **S. parviflorum**

tortum Thunb. = **Schizodium satyrioides**

trinerve Lindl.

S. atherstonei Rchb.f. (1)

S. monopetalum Kraenzl. (1)

S. triphyllum Kraenzl. (1)

Perennial. Herb, geophyte. Ht 0.21–0.87 m. Alt ?–2180 m. LIM, G, M, S, KZN, EC

triphyllum Kraenzl. = **S. trinerve**

triste L.f. = **Acrolophia capensis**

utriculatum Sond. = **S. candidum**

wilmsianum Kraenzl. = **S. parviflorum**

woodii Schltr. = **S. neglectum** subsp. **woodii**

SCHIZOCHILUS Sond. 1431000

(1) Linder. 1980. *Journal of South African Botany* 46: 379–434.

(2) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 75–79.

(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 87–94.

albiflos Schltr. = **S. angustifolius**

angustifolius Rolfe

S. albiflos Schltr. (1)

Perennial. Herb, geophyte. Ht 0.05–0.2 m. Alt 2100–3000 m. KZN

angustifolius Rolfe corrected by Schltr. = **S. flexuosus**

baurii Schltr. = **S. flexuosus**

bolusii Schltr. = **S. zeyheri**

bulbinella in sense of Compton = **S. cecilia** subsp. **culveri**

bulbinella (Rchb.f.) Bolus

Brachycorythis bulbinella Rchb.f. (1)

Gymnadenia bulbinella (Rchb.f.) Kraenzl. (1)

Platanthera bulbinella (Rchb.f.) Schltr. (1)

Perennial. Herb, geophyte. Ht 0.08–0.25 m. Alt 1500–2500 m. KZN, EC

bulbinella (Rchb.f.) Bolus × **S. flexuosus** Harv. ex Rolfe (1)

Perennial. Herb, geophyte. Ht? Alt? KZN, L

caffrus Schltr. = **S. zeyheri**

cecilia Rolfe subsp. **culveri** (Schltr.) H.P.Linder

S. bulbinella in sense of Compton (1)

S. culveri Schltr. (1)

S. galpinii Schltr. (1)

Perennial. Herb, geophyte. Ht 0.1–0.3 m. Alt ?–2130 m. LIM, M, S

cecilia Rolfe subsp. **transvaalensis** (Rolfe) H.P.Linder

? *S. tenellus* Schltr. (1)

S. transvaalensis Rolfe (1)

Perennial. Herb, geophyte. Ht 0.1–0.4 m. Alt ?–2200 m. LIM, M

clavatus Schltr. = **S. zeyheri**

crenulatus H.P.Linder

Perennial. Herb, geophyte. Ht 0.1–0.35 m. Alt ?–1525 m. M

culveri Schltr. = **S. cecilia** subsp. **culveri**

flexuosus Harv. ex Rolfe

S. angustifolius Rolfe, corrected by Schltr. (1)

S. baurii Schltr. (1)

S. pulchellus Schltr. (1)

Perennial. Herb, geophyte. Ht 0.05–0.25 m. Alt 1500–2500 m. M, KZN, EC

galpinii Schltr. = **S. cecilia** subsp. **culveri**

gerrardii (Rchb.f.) Bolus

Brachycorythis gerrardii Rchb.f. (1)

Gymnadenia gerrardii (Rchb.f.) Kraenzl. (1)

Platanthera gerrardii (Rchb.f.) Schltr. (1)

Perennial. Herb, geophyte. Ht 0.15–0.3 m. Alt ?–1215 m. KZN

grandiflorus Schltr. = **S. zeyheri**

grandiflorus Schltr. var. *crenulatus* Schltr. = **S. zeyheri**

huttonae Schltr. = **S. zeyheri**

lilacinus Schelpe ex H.P.Linder

Perennial. Herb, geophyte. Ht 0.2–0.35 m. Alt 605–1800 m. M

pulchellus Schltr. = **S. flexuosus**

rehmannii Rolfe = **S. zeyheri**

rudatisii Schltr. = **S. zeyheri**

sandersonii Harv. ex Rolfe = **S. zeyheri**

strictus Rolfe = **S. zeyheri**

tenellus Schltr. = **S. cecilia** subsp. **transvaalensis** ?

transvaalensis Rolfe = **S. cecilia** subsp. **transvaalensis**

trilobus Rolfe = **S. zeyheri**

woodii Schltr. = **S. zeyheri**

zeyheri Sond.

Brachycorythis zeyheri (Sond.) Rchb.f. (1)

Gymnadenia zeyheri (Sond.) Kraenzl. (1)

Platanthera zeyheri (Sond.) Schltr. (1)

S. bolusii Schltr. (1)

S. caffrus Schltr. (1)

S. clavatus Schltr. (1)

S. grandiflorus Schltr. (1)

S. grandiflorus Schltr. var. *crenulatus* Schltr. (1)

S. huttonae Schltr. (1)

S. rehmannii Rolfe (1)

S. rudatisii Schltr. (1)

S. sandersonii Harv. ex Rolfe (1)

S. strictus Rolfe (1)

S. trilobus Rolfe (1)

S. woodii Schltr. (1)

Perennial. Herb, geophyte. Ht 0.15–0.6 m. Alt 100–2150 m. LIM, G, M, S, FS, KZN, L, EC

SCHIZODIUM Lindl. 1432000

(1) Linder. 1981. *Journal of South African Botany* 47: 339–371.

(2) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 157–160.

(3) Garay. 1997. *Harvard Papers in Botany* 11: 47–54.

(4) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 182–187.

antenniferum Schltr. = **S. longipetalum**

arcuatum Lindl. = **S. satyrioides**

bifidum in sense of Schltr. in part = **S. longipetalum**

bifidum (Thunb.) Rchb.f.

Disa bifida (Thunb.) Sw. (1)

Satyrium bifidum Thunb. (1)

S. rigidum Lindl. (1)

- Perennial. Herb, geophyte. Ht up to 0.6 m. Alt 45–1600 m.
WC, EC
- bifidum* (Thunb.) Rchb.f. var. *clavigerum* (Lindl.) Schltr.
= **S. obliquum** subsp. **clavigerum**
- biflorum* (L.) T.Durand & Schinz = **S. satyrioides**
- clavigerum* Lindl. = **S. obliquum** subsp. **clavigerum**
- cornutum* (L.) Schltr., name incorrectly in use since
1924 = **S. satyrioides**
- flexuosum** (L.) Lindl.
Disa flexuosa (L.) Sw. (1)
Orchis flexuosa L. (1)
Satyrium flexuosum (L.) Thunb. (1)
Perennial. Herb, geophyte. Ht 0.15–0.35 m. Alt 90–1200
m. NC, WC
- gueinzii* Rchb.f. = **S. obliquum** subsp. **clavigerum**
- inflexum** Lindl.
Perennial. Herb, geophyte. Ht 0.08–0.35 m. Alt 300–2135
m. WC, EC
- longipetalum** Lindl.
Disa longipetala (Lindl.) Bolus (1)
S. antenniferum Schltr. (1)
S. bifidum in sense of Schltr. in part (1)
Perennial. Herb, geophyte. Ht 0.07–0.2 m. Alt ± 100–
500 m. WC
- maculatum* (L.f.) Lindl. = **Disa maculata**
- modestum* L.Bolus = **S. obliquum** subsp. **clavigerum**
- obliquum** Lindl. subsp. **clavigerum** (Lindl.) H.P.Linder
Disa clavigera (Lindl.) Bolus (1)
Disa gueinzii (Rchb.f.) Bolus (1)
S. bifidum (Thunb.) Rchb.f. var. *clavigerum* (Lindl.) Schltr. (1)
S. clavigerum Lindl. (1)
S. gueinzii Rchb.f. (1)
S. modestum L.Bolus (1)
S. obtusatum Lindl. (1)
Perennial. Herb, geophyte. Ht 0.08–0.24 m. Alt 275–765
m. WC
- obliquum** Lindl. subsp. **obliquum**
Disa obliqua (Lindl.) Bolus (1)
Perennial. Herb, geophyte. Ht 0.055–0.29 m. Alt ?–300 m.
WC
- obtusatum* Lindl. = **S. obliquum** subsp. **clavigerum**
- rigidum* Lindl. = **S. bifidum**
- satyrioides** (L.) Garay
Disa torta (Thunb.) Sw. (1)
Orchis biflora L., illegitimate name (3)
Orchis satyrioides L. (3)
Satyrium tortum Thunb. (1)
S. arcuatum Lindl. (1)
S. biflorum (L.) T.Durand & Schinz (3)
S. cornutum (L.) Schltr., name incorrectly in use since 1924 (3)
Perennial. Herb, geophyte. Ht 0.08–0.3 m. Alt 90–820
m. NC, WC
- SCOPULARIA** Lindl. 1413000
- burchellii* Lindl. = **Holothrix burchellii**
- grandiflora* Sond. = **Holothrix grandiflora**
- secunda* in sense of Lindl., not *Orchis secunda* Thunb. =
Holothrix scopularia
- SERAPIA** L. 1397010
- capensis* L. = **Acrolophia barbata**
- SERAPIAS** L. 1397000
- aculeata* (L.f.) Thunb. = **Eulophia aculeata** subsp. **aculeata**
- melaleuca* Thunb. = **Disa bivalvata**
- patens* (L.f.) Thunb. = **Disa tenuifolia**
- pedicellata* (L.f.) Thunb. = **Eulophia aculeata** subsp. **aculeata**
- tabularis* (L.f.) Thunb. = **Eulophia tabularis**
- SOLENANGIS** Schltr. 1828100
- (1) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 445, 446.
- aphylla** (Thouars) Summerh., unconfirmed record
Angraecum aphyllum Thouars (1)
Perennial. Herb, epiphyte. Ht up to 0.4 m. Alt? KZN
- STENOGLOTTIS** Lindl. 1407000
- (1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 80–82.
(2) Stewart. 1989. *Kew Magazine* 6: 9–22.
(3) McDonald 1995. *South African Orchid Journal* 26: 117.
(4) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 146–149.
- fimbriata** Lindl.
S. fimbriata Lindl. var. *saxicola* Schltr. ex Kraenzl. (4)
Perennial. Herb, geophyte, lithophyte. Ht 0.1–0.45 m.
Alt 185–1890 m. LIM, M, S, KZN, EC
- fimbriata* Lindl. var. *saxicola* Schltr. ex Kraenzl. = **S. fimbriata**
- longifolia** Hook.f.
Perennial. Herb, geophyte, lithophyte. Ht 0.3–0.6 m.
Alt 300–700 m. KZN, EC
- macloughlinii* (L.Bolus) G.J.McDonald = **S. woodii**
- woodii** Schltr.
Cynorchis macloughlinii L.Bolus (4); a typographical error which
was later corrected to *Cynorkis macloughlinii* L.Bolus
Stenoglottis macloughlinii (L.Bolus) G.J.McDonald (3)
Perennial. Herb, geophyte, lithophyte. Ht 0.09–0.2 m.
Alt 90–795 m. KZN, EC
- zambesiaca** Rolfe
Perennial. Herb, geophyte, epiphyte, lithophyte. Ht 0.1–0.35
m. Alt 1300–2150 m. LIM
- STURMIA** Rchb.f. 1556010
- capensis* (Lindl.) Sond. = **Liparis capensis**
- TRIDACTYLE** Schltr. 1828010
- (1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 272–275.
(2) Linder. 1989. *Kew Bulletin* 44: 317–319.
(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 446–450.
- bicaudata** (Lindl.) Schltr. subsp. **bicaudata**
Angraecum bicaudatum Lindl. (1)
Perennial. Herb, epiphyte, succulent. Ht up to 0.5 m.
Alt 90–1355 m. LIM, S, KZN, WC, EC
- bicaudata** (Lindl.) Schltr. subsp. **rupestris** H.P.Linder
Perennial. Herb, lithophyte, succulent. Ht? Alt 305–460
m. KZN, EC
- gentilii** (De Wild.) Schltr.
Angraecum gentilii De Wild. (2)
Perennial. Herb, epiphyte. Ht up to 0.5 m. Alt ?–50 m.
KZN
- tricuspis** (Bolus) Schltr.
Angraecum tricuspe Bolus (1)
Perennial. Herb, epiphyte. Ht up to 0.25 m. Alt ?–1675 m.
LIM, M, S, KZN, EC
- tridentata** (Harv.) Schltr.
Angraecum bolusii Rolfe (1)
Angraecum tridentatum Harv. (1)
Perennial. Herb, epiphyte, lithophyte. Ht up to 0.35 m.
Alt ?–305 m. KZN, EC
- TRYPHIA** Lindl. 1408030
- major* Sond. = **Holothrix secunda**
- orthoceras* Harv. = **Holothrix orthoceras**

parviflora Lindl. = **Holothrix parviflora**
secunda Lindl., not *Orchis secunda* Thunb. (1823) = **Holothrix parviflora**

VANILLA Mill. 1480000

(1) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 350, 351.

roscheri Rchb.f.

Perennial. Herb, climber, succulent. Ht? Alt? KZN

YPSILOPUS Summerh. 1830030

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 265.

(2) Cribb & Stewart. 1985. *Kew Bulletin* 40: 417.

(3) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 450, 451.

erectus (P.J.Cribb) P.J.Cribb & J.L.Stewart

Y. longifolius (Kraenzl.) Summerh. subsp. *erectus* P.J.Cribb (2)

Perennial. Herb, epiphyte. Ht up to 0.17 m. Alt? KZN, EC

longifolius (Kraenzl.) Summerh. subsp. *erectus* P.J.Cribb
 = **Y. erectus**

ZEUXINE Lindl. 1502000

(1) Stewart *et al.* 1982. *Wild orchids of southern Africa*: 212.

(2) Linder & Kurzweil. 1999. *Orchids of southern Africa*: 77, 78.

africana Rchb.f.

Z. cochlearis Schltr. (1)

Perennial. Herb, geophyte. Ht up to 0.2 m. Alt up to 5 m.

B, KZN

cochlearis Schltr. = **Z. africana**

POACEAE

Compiled by L. Fish

***ACHNATHERUM** P.Beauv. 9902634

(1) Barkworth. 1993. *Phytologia* 74: 6.

clandestinum (Hack.) Barkworth

Stipa clandestina Hack. (1)

Perennial. Graminoid. Ht up to 1.5 m. Alt 1000–1600 m.

G?, NC, WC, EC

ACRACHNE Wight & Arn. ex Chiov. 9903311

(1) Clayton *et al.* 1974. *FTEA* Gramineae (Part 2): 258–260.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 31.

(3) Cope. 1999. *FZ* 10,2: 159, 160.

racemosa (Roem. & Schult.) Ohwi

A. verticillata (Roxb.) Chiov. (1)

Annual. Graminoid. Ht up to 0.8 m. Alt 100–1200 m. N,

B, LIM, M, S

verticillata (Roxb.) Chiov. = **A. racemosa**

ACROCERAS Stapf 9901121

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 564–568.

(2) Clayton. 1989. *FZ* 10,3: 48–50.

(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 32.

macrum Stapf

Perennial. Graminoid. Ht up to 1.1 m. Alt 10–2000 m. N,

B, LIM, G, M, KZN, WC, EC

pilgerianum Schweick. = **Panicum pilgerianum**

AGROPYRON Gaertn. 9904340

Note: see *Elymus*, an alternative genus that can be used.

distichum (Thunb.) P.Beauv. = **Thinopyrum distichum**

repens (L.) P.Beauv. = **Elytrigia repens**

AGROSTIS L. 9902430

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 96–102.

(2) Launert. 1971. *FZ* 10,1: 87.

(3) Smook & Stirton. 1979. *Bothalia* 12: 637.

(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 32–35.

(5) Rúgolo de Agrasar & Molina. 1992. *Parodiana* 7: 222–227.

***avenacea** C.C.Gmel.

Annual. Graminoid. Ht up to 0.6 m. Alt 25–2300 m.

M, FS, KZN, WC, EC

barbuligera Stapf var. **barbuligera**

Perennial. Graminoid. Ht up to 0.8 m. Alt 500–2500 m.

M, FS, KZN, L, EC

barbuligera Stapf var. **longipilosa** Gooss. & Papendorf

Perennial. Graminoid. Ht up to 0.8 m. Alt 1400–1800 m.

M, S, KZN

bergiana Trin. var. **bergiana**

Annual or perennial. Graminoid. Ht up to 0.6 m. Alt 5–3000

m. FS, KZN, L, WC, EC

bergiana Trin. var. **laeviuscula** Stapf

Perennial. Graminoid. Ht 0.25–0.6 m. Alt 1200–2700 m.

M, FS, KZN, L, WC

continuata Stapf

A. natalensis Stapf (2)

Perennial. Graminoid. Ht 0.6–0.9 m. Alt 1000–2400 m.

LIM, NW, M, S, KZN

eriantha Hack. var. **eriantha**

Perennial. Graminoid. Ht up to 0.7 m. Alt 600–2400 m.

G, M, S, FS, KZN, L, EC

eriantha Hack. var. **planifolia** Gooss. & Papendorf

Perennial. Graminoid. Ht up to 0.75 m. Alt 1300–1500 m. G

gigantea Roth

Perennial. Graminoid. Ht 0.4–0.75 m. Alt 200–2000 m.

M, KZN, L, WC, EC

griquensis Stapf

Annual. Graminoid. Ht 0.03–0.2 m. Alt 1200–1800 m.

N, FS, NC

huttoniae (Hack.) C.E.Hubb. = **A. lachnantha** var. **lachnantha**

lachnantha Nees var. *glabra* Gooss. & Papendorf = **A. lachnantha** var. **lachnantha**

lachnantha Nees var. **lachnantha**

A. huttoniae (Hack.) C.E.Hubb. (2)

A. lachnantha Nees var. *glabra* Gooss. & Papendorf (4)

Annual or short-lived perennial. Graminoid. Ht 0.3–

0.9 m. Alt 15–2900 m. N, LIM, NW, G, M, S,

FS, KZN, L, NC, WC, EC

***montevidensis** Spreng. ex Nees

Annual, occ. perennial. Graminoid. Ht 0.2–0.6 m. Alt

600–1900 m. M, S, KZN, WC

natalensis Stapf = **A. continuata**

polypogonoides Stapf

Perennial. Graminoid. Ht up to 0.75 m. Alt 600–1200 m. NC, WC

schlechteri Rendle

Annual. Graminoid. Ht up to 0.65 m. Alt 200–900 m. WC

semiverticillata (Forssk.) C.Chr. = **Polyogon viridis**

subulifolia Stapf

Perennial or annual. Graminoid, helophyte? Ht up to 0.3 m. Alt 2500–3300 m. KZN, L, EC

***AIRA L.** 9901850

- (1) Clayton. 1972. *FWEA* 3,2: 371, 372.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 35, 36.
- (3) Linder. 1991. *Bothalia* 21: 55.
- (4) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 181, 182.

caryophyllea L., misapplied name = **A. cupaniana**

cupaniana Guss.

A. caryophyllea L., misapplied name (2)
Annual. Graminoid. Ht 0.03–0.4 m. Alt 20–2800 m. FS, KZN, L, NC, WC, EC

praecox L.

Annual. Graminoid. Ht up to 0.18 m. Alt 200–1000 m. WC

ALLOTROPIS J.Presl 9900940

- (1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 615–619.
- (2) Gibbs Russell. 1983. *Bothalia* 14: 205–213.
- (3) Clayton. 1989. *FZ* 10,3: 58–63.
- (4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 36, 37.

cimicina (L.) Stapf

Annual. Graminoid. Ht up to 1.2 m. Alt 30–1000 m. N, B

papillosa Clayton

Perennial. Graminoid. Ht 0.4–0.7 m. Alt 50–100 m. M, KZN

semialata Chippind., not of Gibbs Russ., concept invalid = **A. semialata** subsp. **semialata**

semialata (R.Br.) Hitchc. subsp. **eckloniana** (Nees) Gibbs Russ.

A. semialata (R.Br.) Hitchc. var. *ecklonii* (Stapf) Stapf (2)
Perennial. Graminoid. Ht up to 1.14 m. Alt 5–2200 m. LIM, NW, G, M, S, FS, KZN, L, EC

semialata (R.Br.) Hitchc. subsp. **semialata**

A. semialata Chippind., not of Gibbs Russ., concept invalid (2)
Perennial. Graminoid. Ht up to 1.8 m. Alt 20–1800 m. LIM, NW, G, M, S, FS, KZN

semialata (R.Br.) Hitchc. var. *ecklonii* (Stapf) Stapf = **A. semialata** subsp. **eckloniana**

***AMMOPHILA** Host 9902560

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 93, 94.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 38.
- (3) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 194.

arenaria (L.) Link

Perennial. Graminoid. Ht up to 1.3 m. Alt 4–50 m. WC, EC

ANDROPOGON L. 9900710

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 495–502.

(2) Anderson. 1960. *Bothalia* 7: 417, 418.

(3) Clayton. 1964. *Kew Bulletin* 17: 470.

(4) Anderson. 1966. *Bothalia* 9: 5–30.

(5) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 767–783.

(6) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 38–42.

abyssinicus in sense of Chippind., not of Fresen., misapplied name = **A. amethystinus**

amethystinus Steud.

A. abyssinicus in sense of Chippind., not of Fresen., misapplied name (6)

A. pilosellus Stapf (5)

Perennial. Graminoid. Ht up to 0.8 m. Alt 1500–2800 m. FS, KZN, L, EC

amplectens Nees = **Diheteropogon amplectens**

appendiculatus Nees

Perennial. Graminoid. Ht up to 1.4 m. Alt 5–3000 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

brazzae Franch.

Perennial. Graminoid. Ht up to 2 m. Alt 600–1200 m. N, B

chinensis (Nees) Merr.

A. schinzii Hack. (5)

Perennial. Graminoid. Ht up to 2 m. Alt 400–2000 m. N, B, LIM, NW, G, M, S, NC

distachyos L.

Perennial. Graminoid. Ht up to 1 m. Alt 1500–2200 m. M, FS, KZN

dulce Burm.f. = **Eleocharis dulcis**

eucomus Nees

Perennial. Graminoid. Ht up to 1 m. Alt 3–1900 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

fastigiatus Sw.

Diectomis fastigiata (Sw.) Kunth (5)

Annual. Graminoid. Ht up to 2 m. Alt 600–1500 m. B, LIM

festuciformis Rendle

Hypogynium schlechteri (Hack.) Pilg. (3)

Perennial. Graminoid. Ht up to 1 m. Alt 5–1000 m. KZN

filifolius (Nees) Steud. = **Diheteropogon filifolius**

gayanus Kunth var. **polycladus** (Hack.) Clayton

A. gayanus Kunth var. *squamulatus* (Hochst.) Stapf (5)

Perennial. Graminoid. Ht up to 3.6 m. Alt 5–1500 m. N, B, LIM, M, S, KZN

gayanus Kunth var. *squamulatus* (Hochst.) Stapf = **A. gayanus** var. **polycladus**

huillensis Rendle

Perennial. Graminoid. Ht up to 1.8 m. Alt 30–2100 m. N, B, LIM, NW, G, M, S, KZN

lacunosus J.G.Anderson

Perennial. Graminoid. Ht up to 0.9 m. Alt 1000–2200 m. M, S

laxatus Stapf

Perennial. Graminoid. Ht up to 0.9 m. Alt 100–1400 m. M, KZN

mannii Hook.f.

A. platybasis J.G.Anderson (5)

Perennial. Graminoid. Ht up to 0.6 m. Alt 1600–2200 m. LIM, M, S

pilosellus Stapf = **A. amethystinus**

platybasis J.G.Anderson = **A. mannii**

ravus J.G.Anderson

Perennial. Graminoid. Ht up to 0.9 m. Alt 1000–2450 m. M, S, FS, KZN, L, EC

schinzii Hack. = **A. chinensis**

schirensis A.Rich.

A. schirensis A.Rich. var. *angustifolius* Stapf (5)

Perennial. Graminoid. Ht up to 2.5 m. Alt 9–2500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC

schirensis A.Rich. var. *angustifolius* Stapf = **A. schirensis**

ANTHEPHORA Schreb. 9901380

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 436–439.
- (2) Clayton. 1989. *FZ* 10,3: 190–192.
- (3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 42, 43.

aequiglumis Gooss. = **Tarigidia aequiglumis**

angustifolia Gooss. = **A. argentea**

argentea Gooss.

A. angustifolia Gooss. (2)

Perennial. Graminoid. Ht up to 1 m. Alt 900–1400 m. N, B, NW, NC

pubescens Nees

A. ramosa Gooss. (2)

Perennial. Graminoid. Ht up to 5 m. Alt 30–1950 m. N, B, LIM, NW, G, M, FS, NC

ramosa Gooss. = **A. pubescens**

schinzii Hack.

Annual. Graminoid. Ht up to 0.35 m. Alt 800–1900 m. N, B, NC

ANTHOXANTHUM L. 9901640

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 90–92.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 43–45.

brevifolium Stapf

Perennial. Graminoid. Ht 0.15–0.22 m. Alt 2600–3000 m. EC

dregeanum (Nees) Stapf

Perennial. Graminoid. Ht up to 0.6 m. Alt 30–2200 m. WC

ecklonii (Nees ex Trin.) Stapf

Perennial. Graminoid. Ht up to 0.8 m. Alt 1200–3200 m. M, FS, KZN, L, WC, EC

***odoratum** L.

Perennial. Graminoid. Ht up to 1 m. Alt 900–1700 m. KZN, EC

tongo (Trin.) Stapf

Perennial. Graminoid. Ht up to 0.4 m. Alt 60–1600 m. WC

APOCHAETE (C.E.Hubb.) J.B.Phipps 9901741

hispida (L.f.) J.B.Phipps = **Tristachya leucothrix**

ARISTIDA L. 9902620

- (1) De Winter. 1965. *Bothalia* 8: 201–404.
- (2) Giess. 1971. *Bothalia* 10: 365, 366.
- (3) Melderis. 1971. *FZ* 10,1: 97–131.
- (4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 45–55.

adscensionis L.

A. adscensionis L. subsp. *guineensis* (Trin. & Rupr.) Henrard (3)

A. curvata (Nees) T.Durand & Schinz (3)

A. submucronata Schumach. (3)

Annual. Graminoid. Ht up to 1 m. Alt 100–2300 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

adscensionis L. subsp. *guineensis* (Trin. & Rupr.) Henrard = **A. adscensionis**

aequiglumis Hack.

Perennial. Graminoid. Ht up to 0.8 m. Alt 1200–1800 m. LIM, NW, G, M

alopecuroides Hack. = **A. congesta** subsp. **congesta**

amabilis Schweick. = **Stipagrostis amabilis**

andoniensis Henrard = **A. rhiniochloa**

angolensis C.E.Hubb. = **Sartidia angolensis**

argentea Schweick. = **A. mollissima** subsp. **argentea**

barbicollis Trin. & Rupr. = **A. congesta** subsp. **barbicollis**

bipartita (Nees) Trin. & Rupr.

Perennial, occ. biennial. Graminoid. Ht 0.15–0.65 m.

Alt 40–2500 m. B?, LIM, NW, G, M, S, FS, KZN, L, EC

brevifolia (Nees) Steud. = **Stipagrostis brevifolia**

canescens Henrard subsp. **canescens**

Perennial. Graminoid. Ht up to 1.5 m. Alt 500–2100 m.

B, LIM, NW, G, M, FS, KZN, NC, EC

canescens Henrard subsp. **ramosa** De Winter

Perennial. Graminoid. Ht up to 0.6 m. Alt 1000–1700 m. EC

capensis Thunb., not *Stipagrostis capensis* = **Stipagrostis zeyheri** subsp. **macropus**

capensis Thunb. var. *barbata* Stapf = **Stipagrostis zeyheri** subsp. **barbata**

capensis Thunb. var. *canescens* Trin. & Rupr. = **Stipagrostis zeyheri** subsp. **zeyheri**

capensis Thunb. var. *dieterleniana* Schweick. = **Stipagrostis zeyheri** subsp. **sericans**

capensis Thunb. var. *genuina* Henrard = **Stipagrostis zeyheri** subsp. **macropus**

capensis Thunb. var. *macropus* (Nees) Trin. & Rupr. = **Stipagrostis zeyheri** subsp. **macropus**

ciliata Desf. = **Stipagrostis ciliata** var. **capensis**

ciliata Desf. var. *capensis* Trin. & Rupr. = **Stipagrostis ciliata** var. **capensis**

ciliata Desf. var. *pectinata* Henrard = **Stipagrostis ciliata** var. **capensis**

ciliata Desf. var. *tricholaena* Hack. = **Stipagrostis ciliata** var. **capensis**

ciliata Desf. var. *villosa* Hack. = **Stipagrostis ciliata** var. **capensis**

congesta Roem. & Schult. subsp. **barbicollis** (Trin. & Rupr.) De Winter

A. barbicollis Trin. & Rupr. (1)

Perennial, occ. annual. Graminoid. Ht up to 0.75 m. Alt 55–2200 m. B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

congesta Roem. & Schult. subsp. **congesta**

A. alopecuroides Hack. (1)

A. longicauda Hack. & Henriq. (1)

Perennial or annual. Graminoid. Ht up to 0.9 m. Alt 50–2500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

curvata (Nees) T.Durand & Schinz = **A. adscensionis**

damarensis Mez = **Stipagrostis damarensis**

dasydesmis (Pilg.) Mez

Perennial. Graminoid. Ht up to 0.8 m. Alt 700–1000 m.
NC, WC

dewinteri Giess

Annual. Graminoid. Ht up to 1 m. Alt 300–900 m. N

diffusa Trin. subsp. **burkei** (Stapf) Melderis

A. diffusa Trin. var. *burkei* (Stapf) Schweick. (3)

Perennial. Graminoid. Ht up to 1 m. Alt 90–2800 m. LIM,
NW, G, M, FS, KZN, L, NC, WC, EC

diffusa Trin. subsp. **diffusa**

A. diffusa Trin. var. *genuina* Henrard (1)

A. diffusa Trin. var. *pseudo-hystrix* (Trin. & Rupr.) Henrard (1)

Perennial. Graminoid. Ht up to 0.75 m. Alt 75–1200 m.
FS?, WC, EC

diffusa Trin. var. *burkei* (Stapf) Schweick. = **A. diffusa** subsp.
burkei

diffusa Trin. var. *genuina* Henrard = **A. diffusa** subsp. **diffusa**

diffusa Trin. var. *pseudo-hystrix* (Trin. & Rupr.) Henrard
= **A. diffusa** subsp. **diffusa**

dinteri Hack. = **Stipagrostis dinteri**

dregeana (Nees) Trin. & Rupr. = **Stipagrostis dregeana**

effusa Henrard

Annual. Graminoid. Ht 0.6–0.9 m. Alt 500–1700 m. N,
B, LIM, NW, G

engleri Mez var. **engleri**

Perennial. Graminoid. Ht 0.35–0.7 m. Alt 600–1800 m.
N, NC

engleri Mez var. **ramosissima** De Winter

Perennial. Graminoid. Ht 0.6–0.9 m. Alt 600–1400 m.
N, NW, NC

fastigiata Hack. = **Stipagrostis fastigiata**

fontismagni Schweick. = **A. stipoides**

galpinii Stapf = **A. junciformis** subsp. **galpinii**

garubensis Pilg. = **Stipagrostis garubensis**

geminifolia (Nees) Trin. & Rupr. = **Stipagrostis geminifolia**

gonatostachys Pilg. = **Stipagrostis gonatostachys**

graciliflora Pilg. = **A. stipitata** subsp. **graciliflora**

gracilior Pilg. var. *gracilior* = **Stipagrostis hirtigluma** subsp.
patula

gracilior Pilg. var. *intermedia* Schweick. = **Stipagrostis uni-**
plumis var. **intermedia**

gracilior Pilg. var. *pearsonii* Henrard = **Stipagrostis hirti-**
gluma subsp. **pearsonii**

hermannii Mez = **Stipagrostis hermannii**

hirtigluma Trin. & Rupr. = **Stipagrostis hirtigluma** subsp.
hirtigluma

hochstetteriana Beck ex Hack. = **Stipagrostis hochstet-**
teriana var. **hochstetteriana**

hordeacea Kunth

Annual. Graminoid. Ht up to 0.9 m. Alt 700–1400 m. N, B

hubbardiana Schweick.

Annual. Graminoid. Ht 0.35–0.5 m. Alt 300–1400 m. N, B

jucunda Schweick. = **Sartidia jucunda**

junciformis Trin. & Rupr. subsp. **galpinii** (Stapf) De Winter
A. galpinii Stapf (1)

Perennial. Graminoid. Ht up to 0.5 m. Alt 30–3000 m.
FS, KZN, L, EC

junciformis Trin. & Rupr. subsp. **junciformis**

Perennial. Graminoid. Ht up to 0.9 m. Alt 9–2500 m.
N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

lanipes Mez = **Stipagrostis lanipes**

longicauda Hack. & Henriq. = **A. congesta** subsp. **congesta**

lutescens (Nees) Trin. & Rupr. = **Stipagrostis lutescens** var.
lutescens

marlothii Hack. = **Stipagrostis lutescens** var. **marlothii**
meridionalis Henrard

Perennial. Graminoid. Ht up to 2 m. Alt 300–1700 m. N,
B, LIM, NW, G, M, FS, NC

mollissima Pilg. subsp. **argentea** (Schweick.) Melderis
A. argentea Schweick. (3)

Perennial. Graminoid. Ht up to 1 m. Alt 600–1300 m.
LIM, M

mollissima Pilg. subsp. **mollissima**

Perennial. Graminoid. Ht 0.5–0.85 m. Alt 600–1500 m.
N, B, LIM, NW, FS, NC

monticola Henrard

Perennial. Graminoid. Ht up to 0.9 m. Alt 1200–2400 m.
FS, KZN

namaquensis (Nees) Trin. & Rupr. = **Stipagrostis nama-**
quensis

obtusa Delile = **Stipagrostis obtusa**

parvula (Nees) De Winter

Stipa parvula Nees (1)

Annual. Graminoid. Ht up to 0.8 m. Alt 100–700 m. N, NC

pilgeri Henrard

Perennial. Graminoid. Ht up to 1.5 m. Alt 700–1700 m.
N, B, LIM, NW, M

proxima Steud. = **Stipagrostis proxima**

recta Franch.

Perennial. Graminoid. Ht 0.4–0.5 m. Alt 1000–1800 m.
LIM, G, M, S

rhiniochloa Hochst.

A. andoniensis Henrard (1)

Annual. Graminoid. Ht up to 0.9 m. Alt 200–1500 m. N,
B, LIM, NW, M

sabulicola Pilg. = **Stipagrostis sabulicola**

scabrivalvis Hack. subsp. **contracta** (De Winter) Melderis

Annual. Graminoid. Ht up to 0.85 m. Alt 100–1200 m.
N, B, LIM, M, S, KZN

scabrivalvis Hack. subsp. **scabrivalvis**

Annual. Graminoid. Ht up to 0.85 m. Alt 200–1600 m.
N, B, LIM, NW, G, M, KZN, NC

schaeferi Mez var. *biseriata* Henrard = **Stipagrostis schaeferi**

schaeferi Mez var. *schaeferi* = **Stipagrostis schaeferi**

sciurus Stapf

Perennial. Graminoid. Ht up to 1.4 m. Alt 700–1700 m.
LIM, M, S, FS, KZN

secalina Henrard = **Stipagrostis hochstetteriana** var. **secalina**

sericans Hack. in writings of Schinz = **Stipagrostis zeyheri**
subsp. **sericans**

spectabilis Hack.

Perennial. Graminoid. Ht up to 1.75 m. Alt 300–1500 m.
B, LIM, NW, G

stipitata Hack. subsp. **graciliflora** (Pilg.) Melderis

A. graciliflora Pilg. (1)

A. stipitata Hack. var. *graciliflora* (Pilg.) De Winter (3)

- Perennial. Graminoid. Ht up to 0.9 m. Alt 20–1500 m.
N, B, LIM, NW, G, M, S, FS, KZN, NC
- stipitata** Hack. subsp. **robusta** (Stent & J.M.Ratray) Melderis
Perennial. Graminoid. Ht up to 1.5 m. Alt 900–2000 m.
N, B, NC
- stipitata** Hack. subsp. **spicata** (De Winter) Melderis
Perennial. Graminoid. Ht up to 0.6 m. Alt 900–1400 m.
N, B, LIM, NW, FS, NC
- stipitata** Hack. subsp. **stipitata**
Perennial. Graminoid. Ht up to 1.5 m. Alt 300–1500 m.
N, B, LIM, NW, G, M, FS, NC
- stipitata* Hack. var. *graciliflora* (Pilg.) De Winter = **A. stipitata**
subsp. **graciliflora**
- stipoides** Lam.
A. fontismagni Schweick. (1)
Annual. Graminoid. Ht up to 1.5 m. Alt 75–1000 m. N, B
- subacaulis* Nees ex Steud. = **Stipagrostis subacaulis**
submucronata Schumach. = **A. adscensionis**
- transvaalensis** Henrard
Perennial. Graminoid. Ht up to 0.7 m. Alt 600–2000 m.
LIM, NW, G, M, S, KZN
- uniplumis* Licht. var. *neesii* Trin. & Rupr. = **Stipagrostis uniplumis** var. **neesii**
- uniplumis* Licht. var. *pearsonii* Henrard = **Stipagrostis uniplumis** var. **uniplumis**
- uniplumis* Licht. var. *uniplumis* = **Stipagrostis uniplumis** var. **uniplumis**
- vestita** Thunb.
Perennial. Graminoid. Ht up to 0.85 m. Alt 50–1500 m.
N, NW, M, FS, NC, WC, EC
- wildii** Melderis
Annual. Graminoid. Ht up to 0.55 m. Alt 600–1000 m. B
- *ARRHENATHERUM** P.Beauv. 9902000
(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 81, 82.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 55.
(3) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 173, 174.
- elatius** (L.) J.Presl & C.Presl
Perennial. Graminoid. Ht 0.5–1.4 m. Alt 1400–1600 m.
KZN
- ARTHAXON** P.Beauv. 9900670
(1) Van Welzen. 1981. *Blumea* 27: 255–300.
(2) Clayton & Renvoize. 1982. *FTEA Gramineae* (Part 2): 741–744.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 56.
(4) Phillips. 1995. *Flora of Ethiopia and Eritrea* 7, Poaceae (Gramineae): 309, 310.
- lanceolatus** (Roxb.) Hochst. var. **lanceolatus**
A. prionodes (Steud.) Dandy (1)
Perennial. Graminoid. Ht up to 0.6 m. Alt 700–1000 m.
LIM, M
- prionodes* (Steud.) Dandy = **A. lanceolatus** var. **lanceolatus**
- ARUNDINARIA** Michx. 9904550
tessellata (Nees) Munro = **Thamnocalamus tessellatus**
- ARUNDINELLA** Raddi 9901730
(1) Clayton *et al.* 1974. *FTEA Gramineae* (Part 2): 407–409.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 56, 57.
- nepalensis** Trin.
Perennial. Graminoid. Ht up to 1.8 m. Alt 50–2200 m.
LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- *ARUNDO** L. 9902130
(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 229, 230.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 57, 58.
(3) Henderson. 2001. *Alien weeds and invasive plants*: 10.
- donax** L.
Perennial. Graminoid. Ht up to 6 m. Alt 20–1600 m. N?,
B, LIM, NW, G, M, FS, KZN, NC, WC, EC
- ASTHENATHERUM** Nevski 9902033
forskalii of author, not of (Vahl) Nevski, misapplied name
= **Centropodia glauca**
glaucum (Nees) Nevski = **Centropodia glauca**
glaucum (Nees) Nevski var. *lasiophyllum* (Pilg.) Conert
= **Centropodia glauca**
mossamedense (Rendle) Conert = **Centropodia mossamedensis**
- *AVENA** L. 9901950
(1) Rocha Afonso. 1980. *Flora europaea* 5: 206–208.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 58, 59.
(3) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 174–176.
- barbata** Pott ex Link
Annual. Graminoid. Ht up to 1.3 m. Alt 10–700 m. WC,
EC
- byzantina** K.Koch
Annual. Graminoid. Ht up to 1.6 m. Alt 30–600 m. WC
- fatua** L.
Annual. Graminoid. Ht 0.25–0.7 m. Alt 100–1000 m. G,
WC, EC
- sativa** L.
Annual. Graminoid. Ht up to 1.5 m. Alt 5–1800 m. LIM,
NW, G, M, FS, KZN, L, NC, WC, EC
- sterilis** L.
Annual. Graminoid. Ht up to 1.45 m. Alt 100–1200 m. WC
- *AXONOPUS** P.Beauv. 9901050
(1) Clayton. 1989. *FZ* 10,3: 91–94.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 59, 60.
- affinis** Chase
A. compressus in sense of Chippind., not of (Sw.) P.Beauv., misapplied name (2)
Perennial. Graminoid. Ht 0.15–0.6 m. Alt 100–1600 m.
LIM, M, S, KZN, EC
- compressus* in sense of Chippind., not of (Sw.) P.Beauv., misapplied name = **A. affinis**
- *BAMBUSA** Schreb. 9904710
(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 31.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 60, 61.
(4) Stapleton. 1994. *Edinburgh Journal of Botany* 51: 1–12.
(5) Ohrnberger. 1999. *The bamboos of the world*: 254.
- balcooa** Roxb. ex Roxb.
Perennial. Graminoid. Ht 15–21 m. Alt 100–1900 m. LIM,
M, KZN, EC

BECKEROPSIS K.Schum. 9901391

uniseta (Nees) K.Schum. = **Pennisetum unisetum**

BEWSIA Gooss. 9903442

- (1) Clayton *et al.* 1974. *FTEA* Gramineae (Part 2): 286.
 (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 61.
 (3) Cope. 1999. *FZ* 10,2: 36.

biflora (Hack.) Gooss.

Diplachne biflora Hack. ex Schinz (1)

Perennial. Graminoid. Ht up to 1 m. Alt 20–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L?

BOTHRIOCHLOA Kuntze 9900630

- (1) Chippindall. 1956. In Meredith, *The grasses and pastures of South Africa*: 482–484.
 (2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 719–721.
 (3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 62, 63.

bladhii (Retz.) S.T.Blake

B. glabra (Roxb.) A.Camus (2)

B. insculpta (A.Rich.) A.Camus var. *vegetior* (Hack.) C.E.Hubb. (2)

Perennial. Graminoid. Ht up to 1.8 m. Alt 70–2100 m. N, B, LIM, NW, G, M, S, KZN, NC, EC

glabra (Roxb.) A.Camus = **B. bladhii**

insculpta (A.Rich.) A.Camus

B. pertusa of author, not of (L.) A.Camus, misapplied name (2)

Perennial. Graminoid. Ht up to 2 m. Alt 10–1600 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

insculpta (A.Rich.) A.Camus var. *vegetior* (Hack.) C.E.Hubb.

= **B. bladhii**

pertusa of author, not of (L.) A.Camus, misapplied name

= **B. insculpta**

radicans (Lehm.) A.Camus

Perennial. Graminoid. Ht up to 0.7 m. Alt 40–1600 m. N, B, LIM, NW, G, M, S, FS, KZN, EC

BRACHIARIA (Trin.) Griseb. 9901040

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 370–379.
 (2) Scholz. 1978. *Willdenowia* 8: 384.
 (3) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 575–600.
 (4) Webster. 1987. *The Australian Paniceae (Poaceae)*: 1–322.
 (5) Clayton. 1989. *FZ* 10,3: 62–78.
 (6) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 63–68.
 (7) Morrone & Zuloaga. 1992. *Darwiniana* 31: 43–109.

***advena** Vickery

Annual or perennial. Graminoid. Ht 0.2–0.8 m. Alt 1500–2200 m. NW, G, M, FS, L, EC

arrecta (T.Durand & Schinz) Stent

B. latifolia Stapf (3)

Perennial. Graminoid. Ht up to 1.3 m. Alt 1–1000 m. N, B, M, KZN, EC

bovonei (Chiov.) Robyns

Perennial. Graminoid. Ht up to 1 m. Alt 100–1800 m. LIM, M, S, KZN

brizantha (A.Rich.) Stapf

Perennial. Graminoid. Ht 0.3–2 m. Alt 50–1900 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

chusqueoides (Hack.) Clayton

Panicum chusqueoides Hack. (3)

Panicum obumbratum Stapf (5)

Annual. Graminoid. Ht 0.3–0.75 m. Alt 5–1600 m. KZN, WC, EC

deflexa (Schumach.) C.E.Hubb. ex Robyns

Pseudobrachiaria deflexa (Schumach.) Launert (3)

Annual. Graminoid. Ht 0.15–0.7 m. Alt 100–1500 m. N, B, LIM, NW, G, M, S, KZN

dictyoneura (Fig. & De Not.) Stapf

Perennial. Graminoid. Ht up to 1.2 m. Alt 200–2440 m. N, B, M, S, KZN

dura Stapf var. **dura**

Perennial. Graminoid. Ht up to 1.5 m. Alt 200–1100 m. N, B

dura Stapf var. **pilosa** J.G.Anderson

Perennial. Graminoid. Ht up to 1.3 m. Alt 1200–1300 m. NC

eruciformis (Sm.) Griseb.

Annual. Graminoid. Ht up to 1 m. Alt 30–2500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

filifolia Stapf = **B. subulifolia**

glomerata (Hack.) A.Camus

Annual. Graminoid. Ht up to 0.6 m. Alt 400–1200 m. N, B, FS, NC

grossa Stapf

Annual. Graminoid. Ht up to 1.5 m. Alt 600–1500 m. N, B, LIM

humidicola (Rendle) Schweick.

Perennial. Graminoid. Ht up to 1 m. Alt 1–1400 m. N, B, LIM, M, S, KZN

latifolia Stapf = **B. arrecta**

malacodes (Mez & K.Schum.) Scholz

B. poaeoides Stapf (2)

Annual. Graminoid. Ht up to 0.85 m. Alt 600–1600 m. N

marlothii (Hack.) Stent

Annual, occ. perennial. Graminoid. Ht up to 0.9 m. Alt 900–1950 m. N, B, NW, FS, KZN, L, NC, EC

nigropedata (Ficalho & Hiern) Stapf

Perennial. Graminoid. Ht up to 1.2 m. Alt 100–1600 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

poaeoides Stapf = **B. malacodes**

psammophila (Welw. ex Rendle) Launert

Annual. Graminoid. Ht up to 0.45 m. Alt 10–400 m. N

schoenfelderi C.E.Hubb. & Schweick.

Annual or perennial. Graminoid. Ht 0.3–0.8 m. Alt 200–1200 m. N

serrata (Thunb.) Stapf

B. serrata (Thunb.) Stapf var. *gossypina* (A.Rich.) Stapf (3)

Perennial. Graminoid. Ht up to 1 m. Alt 5–1900 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

serrata (Thunb.) Stapf var. *gossypina* (A.Rich.) Stapf =

B. serrata

subulifolia (Mez) Clayton

B. filifolia Stapf (3)

Perennial. Graminoid. Ht 0.2–1 m. Alt 1200–1800 m. LIM, G, M

xantholeuca (Schinz) Stapf

Annual. Graminoid. Ht up to 0.6 m. Alt 200–1800 m. N, B, LIM, G, M, S, KZN

BRACHYACHNE (Benth.) Stapf 9902970

- (1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 68, 69.
 (2) Cope 1999. *FZ* 10,2: 238–242.

patentiflora (Stent & J.M.Ratray) C.E.Hubb.

Perennial. Graminoid. Ht up to 0.5 m. Alt 600–1000 m. B

BRACHYCHLOA S.M.Phillips 9902864

- (1) Phillips. 1982. *Kew Bulletin* 37: 159.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 69–40.
- (3) Cope. 1999. *FZ* 10,2: 47–49.

fragilis S.M.Phillips

Annual. Graminoid. Ht 0.25–0.5 m. Alt 50–900 m. LIM, KZN

schiemanniana (Schweick.) S.M.Phillips*Heterocarpha schiemanniana* Schweick. (1)
Perennial. Graminoid. Ht 0.15–0.3 m. Alt 50–200 m. KZN**BRACHYPODIUM** P.Beauv. 9904320

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 68.
- (2) Clayton. 1970. *FTEA* Gramineae (Part 1): 70–73.
- (3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 70, 71.

bolusii Stapf

Perennial. Graminoid. Ht up to 0.7 m. Alt 200–3100 m. FS, KZN, L, NC, WC, EC

***distachyon** (L.) P.Beauv.

Annual. Graminoid. Ht up to 0.7 m. Alt 40–800 m. NC, WC

flexum Nees

Perennial. Graminoid. Ht 0.3–0.9 m. Alt 100–2500 m. LIM, NW, M, S, FS, KZN, L, NC, WC, EC

***BRIZA** L. 9904040

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 47–49.
- (2) Launert. 1971. *FZ* 10,1: 45–47.
- (3) Matthei. 1975. *Willdenowia*, Beiheft 8: 79–88.
- (4) Clayton & Renvoize. 1986. *Kew Bulletin*, Additional Series 13: 99, 100.
- (5) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 72, 73.

maxima L.

Annual. Graminoid. Ht up to 1 m. Alt 5–1800 m. LIM, G, FS, KZN, NC, WC, EC

minor L.

Annual. Graminoid. Ht up to 0.6 m. Alt 30–1600 m. NW, G, M, NC, WC, EC

subaristatum Lam.*B. triloba* Nees (3)
Chascolytrum subaristatum (Lam.) Desv. (5)
Perennial. Graminoid. Ht 0.3–0.6 m. Alt 50–600 m. WC, EC*triloba* Nees = **B. subaristatum****BROMUS** L. 9904280

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 62–68.
- (2) Clayton. 1970. *FTEA* Gramineae (Part 1): 66–70.
- (3) Pinto-Escobar. 1976. *Caldasia* 11: 9–16.
- (4) Tutin. 1980. *Flora europaea* 5: 182, 183.
- (5) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 73–76.
- (6) Veldkamp *et al.* 1991. *Blumea* 35: 483–491.
- (7) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 202–210.

***alopecurus** Poir.

Annual. Graminoid. Ht 0.15–0.3 m. Alt 300–800 m. WC

***catharticus** Vahl*B. unioloides* Humb., Bonpl. & Kunth (3)
B. willdenowii Kunth (3)

Annual or perennial. Graminoid. Ht up to 1 m. Alt 10–3000 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

***commutatus** Schrad.

Annual. Graminoid. Ht 0.15–0.9 m. Alt 200–1900 m. FS, KZN, L, NC, WC, EC

***diandrus** Roth

Annual. Graminoid. Ht up to 1.1 m. Alt 5–1500 m. N, LIM, NW, M, FS, KZN, NC, WC, EC

firmior (Nees) Stapf*B. firmior* (Nees) Stapf var. *leiorhachis* Stapf (5)
Perennial. Graminoid. Ht 0.5–1.5 m. Alt 1800–2700 m. M, FS, KZN, L, EC*firmior* (Nees) Stapf var. *leiorhachis* Stapf = **B. firmior*****hordeaceus** L. subsp. **ferronii** (Mabille) P.M.Sm.

Annual. Graminoid. Ht up to 0.2 m. Alt 10–200 m. EC

***hordeaceus** L. subsp. **molliformis** (J.Lloyd) Maire & Weiller*B. molliformis* Lloyd (4)
Annual. Graminoid. Ht up to 0.6 m. Alt 20–1800 m. M, NC, WC, EC***inermis** Leyss.

Perennial. Graminoid. Ht up to 1 m. Alt 1400–1500 m. G, M, EC

japonicus in sense of Chippind., not of Thunb. var. *japonicus*, misapplied name = **B. pectinatus***japonicus* in sense of Chippind., not of Thunb. var. *velutinus* (Nocca) Asch. & Graebn., misapplied name = **B. pectinatus****leptoclados** Nees

Perennial. Graminoid. Ht up to 1.5 m. Alt 5–2805 m. NW, G, M, FS, KZN, L, NC, WC, EC

***madridentis** L.

Annual. Graminoid. Ht 0.12–0.6 m. Alt 200–400 m. WC

molliformis Lloyd = **B. hordeaceus** subsp. **molliformis****natalensis** Stapf*B. natalensis* Stapf var. *lasiophilus* Stapf (5)
B. speciosus in sense of Compton, not of Nees, misapplied name (5)
Perennial. Graminoid. Ht up to 1.2 m. Alt 1200–2000 m. LIM, M, S, KZN*natalensis* Stapf var. *lasiophilus* Stapf = **B. natalensis****pectinatus** Thunb.*B. japonicus* in sense of Chippind., not of Thunb. var. *japonicus*, misapplied name (5)
B. japonicus in sense of Chippind., not of Thunb. var. *velutinus* (Nocca) Asch. & Graebn., misapplied name (5)

Annual. Graminoid. Ht up to 0.8 m. Alt 15–2000 m. NW, G, M, FS, NC, WC, EC

***rigidus** Roth

Annual. Graminoid. Ht 0.4–0.7 m. Alt 30–900 m. WC, EC

***rubens** L.Annual. Graminoid. Ht 0.15–0.45 m. Alt 10–100 m. N
speciosus in sense of Compton, not of Nees, misapplied name = **B. natalensis****speciosus** Nees

Perennial. Graminoid. Ht 0.3–0.6 m. Alt 700–3000 m. M, FS, KZN, L, EC

***tectorum** L.

Annual. Graminoid. Ht up to 0.25 m. Alt 900–1200 m. G, NC

unioloides Humb., Bonpl. & Kunth = **B. catharticus**
willdenowii Kunth = **B. catharticus**

CALAMAGROSTIS Adans. 9902460

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 94, 95.
(2) Clayton. 1970. *FTEA Gramineae* (Part 1): 102–104.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 76, 77.

epigeios (L.) Roth var. **capensis** Stapf
Perennial. Graminoid. Ht up to 1.2 m. Alt 1300–1900 m.
NW, G, WC, EC

CATABROSIA P.Beauv. 9903800

aquatica in sense of Gibbs Russ. *et al.*, not of (L.) P.Beauv., misapplied name = **Colpodium drakensbergense**

CATALEPIS Stapf & Stent 9902942

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 207, 208.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 77, 78.

gracilis Stapf & Stent
Perennial. Graminoid. Ht 0.1–0.4 m. Alt 1600–3000 m.
G, M, FS, KZN, L, EC

***CATAPODIUM** Link 9904200

- (1) Clayton & Renvoize. 1986. *Kew Bulletin*, Additional Series 13: 107.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 78, 79.
(3) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 167.

rigidum (L.) C.E.Hubb.
Desmazeria rigida (L.) Tutin (2)
Scleropoa rigida (L.) Griseb. (2)
Annual. Graminoid. Ht up to 0.45 m. Alt 10–600 m.
WC, EC

CENCHRUS L. 9901400

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 449–453.
(2) DeLisle. 1963. *Iowa State Journal of Science* 37: 259–351.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 79, 80.

***biflorus** Roxb.
Annual. Graminoid. Ht up to 0.9 m. Alt 300–1300 m. N, B, LIM

***brownii** Roem. & Schult.
Annual. Graminoid. Ht up to 0.9 m. Alt 9–200 m. KZN

ciliaris L.
Perennial. Graminoid. Ht up to 1.5 m. Alt 50–1500 m.
N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

***incertus** M.A.Curtis
C. pauciflorus Benth. (2)
Annual. Graminoid. Ht 0.05–0.4 m. Alt 30–1400 m. LIM, FS, KZN, NC, WC, EC

pauciflorus Benth. = **C. incertus**

CENTROPODIA Rchb. 9902035

- (1) Conert. 1962. *Senckebergiana biologica* 43: 239–266.
(2) Launert. 1970. *FSWA* 160: 35, 36.
(3) Cope. 1982. *Kew Bulletin* 37: 657–659.
(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 80, 81.

glauca (Nees) Cope
Asthenatherum forskalii of author, not of (Vahl) Nevski, misapplied name (4)
Asthenatherum glaucum (Nees) Nevski (3)

Asthenatherum glaucum (Nees) Nevski var. *lasiophyllum* (Pilg.) Conert (2)
Danthonia forskalii in sense of Chippind., not of (Vahl) R.Br., misapplied name (1)

Danthonia glauca Nees (1)
Perennial or annual. Graminoid. Ht up to 0.75 m. Alt 100–1400 m. N, B, NW, NC

mossamedensis (Rendle) Cope
Asthenatherum mossamedense (Rendle) Conert (3)
Danthonia mossamedensis Rendle (3)
Perennial. Graminoid. Ht up to 1.5 m. Alt 30–2000 m. N

CHAETOBROMUS Nees 9902060

- (1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 81, 82.
(2) Verboom & Linder. 1998. *Nordic Journal of Botany* 18: 57–77.
dregeanus Barker in part = **C. involucratus** subsp. **involucratus**

dregeanus Nees = **C. involucratus** subsp. **dregeanus**
interceptus Nees = **C. involucratus** subsp. **dregeanus**
involucratus in sense of Stapf, misapplied name = **C. involucratus** subsp. **sericeus**

involucratus (Schrad.) Nees subsp. **dregeanus** (Nees) Verboom
C. dregeanus Nees (2)
C. interceptus Nees (2)
C. schlechteri Pilg. (2)
Danthonia dregeana Steud. (2)
Danthonia intercepta (Nees) Steud. (2)
Perennial. Graminoid. Ht up to 0.8 m. Alt 10–1500 m.
NC, WC

involucratus (Schrad.) Nees subsp. **involucratus**
C. dregeanus Barker in part (2)
C. schraderi Stapf (2)
Perennial. Graminoid. Ht up to 0.8 m. Alt 5–150 m. NC, WC

involucratus (Schrad.) Nees subsp. **sericeus** (Nees) Verboom
C. involucratus in sense of Stapf, misapplied name (2)
Perennial. Graminoid. Ht up to 0.8 m. Alt 10–700 m. N, M, NC

schlechteri Pilg. = **C. involucratus** subsp. **dregeanus**
schraderi Stapf = **C. involucratus** subsp. **involucratus**

CHASCOLYTRUM Desv. 9904041
subaristatum (Lam.) Desv. = **Briza subaristatum**

CHLORIS Sw. 9903010

- (1) Clayton *et al.* 1974. *FTEA Gramineae* (Part 2): 337–347.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 82–85.
(3) Cope. 1999. *FZ* 10,2: 209–214.

diluta Renvoize
Perennial. Graminoid. Ht up to 1 m. Alt 900–1700 m.
LIM, M

flabellata (Hack.) Launert
Perennial. Graminoid. Ht up to 0.45 m. Alt 5–400 m. N

gayana Kunth
Perennial. Graminoid. Ht up to 1.2 m. Alt 2–2100 m. N, B, LIM, G, M, S, FS, KZN, L, WC, EC

mossambicensis K.Schum.
Tetrapogon mossambicensis (K.Schum.) Chippind. ex B.S.Fisher (1)
Perennial. Graminoid. Ht up to 0.81 m. Alt 25–1700 m.
LIM, M, S, KZN

myriostachya Hochst. = **C. roxburghiana**
prieurii Kunth = **Enteropogon prieurii**

pycnothrix Trin.

Annual or perennial. Graminoid. Ht up to 0.5 m. Alt 45–1600 m. N, B?, LIM, NW, G, M, S, FS, KZN, L, WC, EC

roxburghiana Schult.

C. myriostachya Hochst. (1)

Perennial. Graminoid. Ht up to 1.25 m. Alt 120–800 m. B, LIM, M, KZN

***truncata** R.Br.

Perennial. Graminoid. Ht up to 0.45 m. Alt 300–1100 m. NC, WC

virgata Sw.

Annual or perennial. Graminoid. Ht up to 0.75 m. Alt 3–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

CHRYSOPOGON Trin. 9900500

- (1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 736, 737.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 85.

montanus Trin. var. *tremulus* (Hack.) Stapf = **C. serrulatus**

serrulatus Trin.

C. montanus Trin. var. *tremulus* (Hack.) Stapf (1)

Perennial. Graminoid. Ht up to 1 m. Alt 600–1400 m. B, LIM, NW, G, KZN, NC

CLADORAPHIS Franch. 9902865

- (1) Phillips. 1982. *Kew Bulletin* 37: 159.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 85, 86.

cyperoides (Thunb.) S.M.Phillips

Eragrostis cyperoides (Thunb.) P.Beauv. (1)

Perennial. Graminoid. Ht 0.2–0.8 m. Alt 4–500 m. N, NC, WC

spinosa (L.f.) S.M.Phillips

Eragrostis spinosa (L.f.) Trin. (1)

Perennial. Graminoid. Ht 0.2–0.6 m. Alt 45–1400 m. N, NC, WC

CLEISTACHNE Benth. 9900480

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 468.
- (2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 734–736.
- (3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 86, 87.

sorghoides Benth.

Annual. Graminoid. Ht 2–2.5 m. Alt 600–1920 m. M

COELACHYRUM Hochst. & Nees 9903360

- (1) Phillips. 1982. *Kew Bulletin* 37: 154, 155.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 87, 88.

yemenicum (Schweinf.) S.M.Phillips

Cypholepis yemenica (Schweinf.) Chiov. (1)

Perennial. Graminoid. Ht 0.31–0.63 m. Alt 600–1400 m. N, B, LIM, NW, NC

COELORACHIS Brongn. 9900290

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 523.
- (2) Veldkamp. 1986. *Blumea* 31: 288–293.
- (3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 88.

capensis Stapf

Perennial. Graminoid. Ht up to 0.7 m. Alt 20–1500 m. KZN, EC

***COIX** L. 9900020

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 524.
- (2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 857–859.
- (3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 89.

lacryma-jobi L.

Annual. Graminoid. Ht up to 1.3 m. Alt 40–1000 m. M, KZN, EC

COLPODIUM Trin. 9904100

- (1) Clayton & Renvoize. 1986. *Kew Bulletin*, Additional Series 13: 103, 104.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 89, 90.
- (3) Hedberg & Hedberg. 1994. *Nordic Journal of Botany* 14: 601–607.

drakensbergense Hedberg & I.Hedberg

Catabrosia aquatica in sense of Gibbs Russ. *et al.*, not of (L.) P.Beauv., misapplied name (2)

C. hedbergii in sense of Gibbs Russ. *et al.*, not of (Melderis) Tzvelev, misapplied name (3)

Perennial. Graminoid, helophyte. Ht 0.1–0.25 m. Alt 2800–3500 m. KZN, L

hedbergii in sense of Gibbs Russ. *et al.*, not of (Melderis) Tzvelev, misapplied name = **C. drakensbergense**

***CORTADERIA** Stapf 9902110

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 230.
- (2) Robinson. 1984. *South African Journal of Botany* 3: 343–346.
- (3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 90, 91.
- (4) Henderson. 2001. *Alien weeds and invasive plants*: 11, 12.

jubata (Lem.) Stapf

Perennial. Graminoid. Ht up to 3 m. Alt 1800–1900 m. G, FS, WC

selloana (Schult.) Asch. & Graebn.

Perennial. Graminoid. Ht up to 4 m. Alt 1400–1600 m. G, M, KZN, WC, EC

***CORYNEPHORUS** P.Beauv. 9901880

- (1) Tutin. 1980. *Flora europaea* 5: 231, 232.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 91, 92.

fasciculatus Boiss. & Reut.

Annual. Graminoid. Ht 0.2–0.55 m. Alt 120–600 m. WC

CRASPEDORHACHIS Benth. 9903090

- (1) Clayton *et al.* 1974. *FTEA* Gramineae (Part 2): 277.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 92, 93.
- (3) Cope. 1999. *FZ*. 10,2: 219–223.

africana Benth.

Perennial. Graminoid. Ht up to 1.2 m. Alt 600–1200 m. N, M

rhodesiana Rendle

Perennial. Graminoid. Ht up to 1.2 m. Alt 600–1200 m. N, B

sarmentosa (Hack.) Pilg. = **Willkommia sarmentosa**

uniflora (Hochst. ex A.Rich.) Chippind. = **Leptochloa uniflora**

CRINIPES Hochst. 9903505

gynoglossa Gooss. = **Styppeiochloa gynoglossa**

CTENIUM Panz. 9902990

- (1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 93.
- (2) Cope. 1999. *FZ* 10,2: 226–229.

concinnum Nees

Perennial. Graminoid. Ht up to 0.7 m. Alt 30–2200 m.
LIM, G, M, S, KZN, EC

CYMBOPOGON Spreng. 9900720

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 505–509.
- (2) Soenarko. 1977. *Reinwardtia* 9: 255–375.
- (3) Clayton & Renvoize. 1982. *FTEA Gramineae* (Part 3): 759–767.
- (4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 94, 95.

afronardus Stapf = **C. nardus**

dieterleniae Stapf ex E. Phillips

Perennial. Graminoid. Ht up to 0.85 m. Alt 1100–2500 m.
N, NW, G, M, FS, KZN, L, NC, EC

excavatus (Hochst.) Stapf ex Burtt Davy

Perennial. Graminoid. Ht up to 1.5 m. Alt 15–1800 m. N,
B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

marginatus (Steud.) Stapf ex Burtt Davy

Perennial. Graminoid. Ht up to 0.8 m. Alt 9–1400 m. WC,
EC

nardus (L.) Rendle

C. afronardus Stapf (3)

C. validus (Stapf) Stapf ex Burtt Davy (3)

Perennial. Graminoid. Ht up to 3 m. Alt 3–2200 m. B, LIM,
NW, G, M, S, KZN, L, EC

plurinodis (Stapf) Stapf ex Burtt Davy = **C. pospischilii**

pospischilii (K.Schum.) C.E. Hubb.

C. plurinodis (Stapf) Stapf ex Burtt Davy (3)

Perennial. Graminoid. Ht up to 1 m. Alt 15–2440 m. N,
B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

prolixus (Stapf) E. Phillips

Perennial. Graminoid. Ht up to 1.2 m. Alt 20–2200 m.
NW, M, FS, KZN, L, NC, WC, EC

validus (Stapf) Stapf ex Burtt Davy = **C. nardus**

CYMBOSETARIA Schweick. 9901282

sagittifolia (A.Rich.) Schweick. = **Setaria sagittifolia**

CYNODON Rich. 9902960

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 198–203.
- (2) De Wet & Harlan. 1970. *Taxon* 19: 565–569.
- (3) De Wet & Harlan. 1971. *Journal of South African Botany* 37: 53–56.
- (4) Clayton *et al.* 1974. *FTEA Gramineae* (Part 2): 316–321.
- (5) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 95–97.
- (6) Phillips. 1995. *Flora of Ethiopia and Eritrea* 7: 174–177.

***aethiopicus** Clayton & Harlan

Perennial. Graminoid. Ht up to 0.9 m. Alt 300–1300 m.
LIM, G, KZN, EC

bradleyi Stent

Perennial. Graminoid. Ht 0.05–0.3 m. Alt 1500–1700 m.
NW, G, FS, KZN, NC

dactylon (L.) Pers.

Perennial. Graminoid. Ht 0.05–0.35 m. Alt 1–2000 m. N,
B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

hirsutus Stent

Perennial. Graminoid. Ht 0.05–0.25 m. Alt 700–2450 m.
LIM, NW, G, M, S, FS, KZN, L, EC

incompletus Nees

Perennial. Graminoid. Ht 0.05–0.3 m. Alt 100–2000 m.
NW, FS, NC, WC, EC

***nlemfuensis** Vanderyst

Perennial. Graminoid. Ht 0.2–0.6 m. Alt 300–1000 m.
LIM, G, KZN, WC

polevansii Stent

Perennial. Graminoid. Ht 0.05–0.12 m. Alt 1250–1350 m.
NW

transvaalensis Burtt Davy

Perennial. Graminoid. Ht 0.05–0.3 m. Alt 30–2200 m.
NW, G, M, FS, KZN, L, NC, WC, EC

***CYNOSURUS** L. 9903730

(1) Linder. 1986. *Bothalia* 16: 61.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 98.

coloratus Lehm. ex Nees

Annual. Graminoid. Ht 0.05–0.2 m. Alt 30–1200 m. NC,
WC

echinatus L.

Annual. Graminoid. Ht 0.2–0.6 m. Alt 10–1550 m. NC,
WC, EC

CYPHOLEPIS Chiov. 9903331

yemenica (Schweinf.) Chiov. = **Coelachyrum yemenicum**

***DACTYLIS** L. 9903980

(1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 99.

(2) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 165.

glomerata L.

Perennial. Graminoid. Ht up to 1.4 m. Alt 500–2500 m.
M, FS, KZN, L, WC, EC

DACTYLOCTENIUM Willd. 9903320

(1) Clayton *et al.* 1974. *FTEA Gramineae* (Part 2): 250–258.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 99–101.

(3) Cope. 1999. *FZ* 10,2: 162–166.

aegyptium (L.) Willd.

Annual. Graminoid. Ht up to 0.75 m. Alt 9–2000 m. N, B,
LIM, NW, G, M, S, FS, KZN, NC, EC

australe Steud.

Perennial. Graminoid. Ht up to 0.81 m. Alt 5–1000 m.
LIM, G, M, S, KZN, EC

geminatum Hack.

Perennial. Graminoid. Ht 0.35–0.9 m. Alt 0–400 m.
LIM, M, KZN

giganteum Fisher & Schweick.

Annual. Graminoid. Ht up to 1.14 m. Alt 10–1100 m. N,
B, LIM, NW, G, M, S, KZN, EC

DANTHONIA DC. 9902040

arundinacea (P.J.Bergius) Schweick. = **Merxmuellera arundinacea**

aureocephala J.G.Anderson = **Merxmuellera aureocephala**

brachyphylla Stapf = **Pseudopentameris brachyphylla**

cincta Nees in part = **Merxmuellera cincta** subsp. **cincta**

cincta Nees in part = **Merxmuellera cincta** subsp. **sericea**

curva Nees = **Karoochloa curva**

davyi C.E.Hubb. = **Merxmuellera davyi**

disticha Nees = **Merxmuellera disticha**

drakensbergensis Schweick. = **Merxmuellera drakensbergensis**

dregeana Steud. = **Chaetobromus involucratus** subsp. **dregeanus**

dura Stapf = **Merxmuellera dura**

forskalii in sense of Chippind., not of (Vahl) R.Br., misapplied name = **Centropodia glauca**

glauca Nees = **Centropodia glauca**

intercepta (Nees) Steud. = **Chaetobromus involucratus** subsp. **dregeanus**

lanata (Schrad.) Schrad. = **Merxmuellera rufa**

lanata (Schrad.) Schrad. var. *major* Nees = **Merxmuellera rufa**

lupulina (Thunb.) P.Beauv. ex Roem. & Schult. = **Merxmuellera lupulina**

macowanii Stapf = **Merxmuellera macowanii**

macrantha Schrad. = **Pseudopentameris macrantha**

macrocephala Stapf = **Merxmuellera rufa**

mossamedensis Rendle = **Centropodia mossamedensis**

papposa Nees = **Merxmuellera papposa**

pumila Nees = **Dregeochloa pumila**

purpurea (Thunb.) P.Beauv. ex Roem. & Schult. = **Karoochloa purpurea**

rangei Pilg. = **Merxmuellera rangei**

stereophylla J.G.Anderson = **Merxmuellera stereophylla**

stricta Schrad. = **Merxmuellera stricta**

tenella Nees = **Karoochloa tenella**

zeyheriana Steud. var. *trichostachya* Stapf = **Merxmuellera decora**

zeyheriana Steud. var. *zeyheriana* = **Merxmuellera decora**

DANTHONIOPSIS Stapf 9901770

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 285–287.

(2) Clayton. 1967. *Kew Bulletin* 21: 123.

(3) Launert. 1970. *FSWA* 160: 127, 128.

(4) Clayton. 1989. *FZ* 10,3: 199–203.

(5) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 101, 102.

dinteri (Pilg.) C.E.Hubb.

Annual. Graminoid. Ht up to 3 m. Alt 400–900 m. N, B, LIM, M

lignosa C.E.Hubb.

Perennial. Graminoid. Ht up to 2 m. Alt 700–1000 m. N

parva (J.B.Phipps) Clayton

Perennial. Graminoid. Ht 0.2–0.6 m. Alt 1500–1600 m. LIM

pruinosa C.E.Hubb.

D. pruinosa C.E.Hubb. var. *gracilis* C.E.Hubb. (4)

Perennial. Graminoid. Ht up to 1.8 m. Alt 300–1220 m. LIM, M, KZN

pruinosa C.E.Hubb. var. *gracilis* C.E.Hubb. = **D. pruinosa**

ramosa (Stapf) Clayton

Loudetia anomala C.E.Hubb. & Schweick. (3)

Loudetia ramosa (Stapf) C.E.Hubb. (2)

Trichopteryx ramosa Stapf (2)

Perennial. Shrub, graminoid. Ht 0.45–0.6 m. Alt 500–2000 m. N, NC

scopulorum (J.B.Phipps) J.B.Phipps

Gazochloa scopulorum J.B.Phipps (5)

Perennial. Graminoid. Ht 0.3–0.4 m. Alt 900–1000 m. KZN

***DESCHAMPSIA** P.Beauv. 9901890

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 84–86.

(2) Clayton. 1970. *FTEA* Gramineae (Part 1): 92–94.

(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 103.

(4) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 178–180.

cespitosa (L.) P.Beauv.

Perennial. Graminoid. Ht 0.25–0.85 m. Alt 2200–3300 m. L, EC

flexuosa (L.) Trin.

Perennial. Graminoid. Ht 0.05–0.5 m. Alt 2000–2300 m. WC

DESMAZERIA Dumort. 9904010

rigida (L.) Tutin = **Catapodium rigidum**

DIANDROCHLOA De Winter 9902852

(sometimes included in *Eragrostis*)

(1) De Winter. 1960. *Bothalia* 7: 387–390.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 104.

(3) Cope. 1999. *FZ* 10,2: 87–89. (See *Eragrostis*.)

namaquensis (Nees) De Winter

Eragrostis namaquensis Nees ex Schrad. (1)

[as *Eragrostis japonica* (Thunb.) Trin. in *FZ*]

Annual. Graminoid. Ht up to 1.5 m. Alt 50–1500 m. N, B, LIM, NW, G, M, S, KZN, NC, EC

pusilla (Hack.) De Winter

Eragrostis pusilla Hack. (1)

Annual. Graminoid. Ht up to 0.42 m. Alt 400–1800 m. N, B, LIM, NW

DICHANTHIUM Willemet 9900640

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 722–726.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 105.

annulatum (Forssk.) Stapf var. **papillosum** (A.Rich.) de Wet & Harlan

D. nodosum in sense of Acocks, not of Willemet (2)

D. papillosum (Hochst.) Stapf (1)

Perennial. Graminoid. Ht up to 1 m. Alt 100–2100 m. N, B, LIM, NW, G, S, FS, KZN, NC, EC

***aristatum** (Poir.) C.E.Hubb.

Perennial. Graminoid. Ht up to 1.1 m. Alt 70–1400 m. LIM, G, FS, KZN

nodosum in sense of Acocks, not of Willemet = **D. annulatum** var. **papillosum**

papillosum (Hochst.) Stapf = **D. annulatum** var. **papillosum**

DIECTOMIS Kunth 9900690

fastigiata (Sw.) Kunth = **Andropogon fastigiatus**

DIGITARIA Haller 9900890

(1) De Winter. 1961. *Bothalia* 7: 467, 468.

(2) Kok. 1981. *Bothalia* 13: 457.

(3) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 619–655.

(4) Kok. 1984. *South African Journal of Botany* 3: 184, 185.

(5) Goetghebeur & Van der Veken. 1989. *FZ* 10,3: 133–178.

(6) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 106–114.

abyssinica (A.Rich.) Stapf, misapplied name = **D. scalarum**

acuminatissima Stapf

D. acuminatissima Stapf subsp. *inermis* Goetgh. (5)

Annual. Graminoid. Ht up to 1.2 m. Alt 400–600 m. N, B

acuminatissima Stapf subsp. *inermis* Goetgh. = **D. acuminatissima**

adscendens (Kunth) Henrard = **D. ciliaris**

albomarginata Stent = **D. diversinervis**

angolensis Rendle, misapplied name = **D. argyrotricha**

apiculata Stent = **D. maitlandii**

argyrograpta (Nees) Stapf

Perennial. Graminoid. Ht 0.2–0.6 m. Alt 75–2000 m. LIM, NW, G, M, S, FS, KZN, NC, WC, EC

argyrotricha (Andersson) Chiov.

D. angolensis of author, not of Rendle, misapplied name (5)

Annual or short-lived perennial. Graminoid. Ht up to 0.4 m. Alt 50–200 m. KZN

bechuanica (Stent) Henrard = **D. eriantha**

borbonica Desv. = **D. nuda**

brazzae (Franch.) Stapf

Perennial. Graminoid. Ht up to 1.3 m. Alt 600–1600 m. N, B, LIM, NW, G, FS

ciliaris (Retz.) Koeler

D. adscendens (Kunth) Henrard (4)

D. marginata Link (4)

Annual. Graminoid. Ht up to 0.6 m. Alt 3–1800 m. B, LIM, NW, G, M, S, FS, KZN, NC, EC

comifera Pilg.

Annual. Graminoid. Ht 0.3–0.8 m. Alt 300–600 m. N

debilis (Desf.) Willd.

Annual. Graminoid. Ht up to 0.6 m. Alt 3–1600 m. N, B, LIM, NW, G, M, S, KZN, WC

decumbens Stent = **D. eriantha**

diagonalis (Nees) Stapf var. **diagonalis**

D. trichopodia Stent (4)

D. uniglumis (A.Rich.) Stapf (5)

Perennial. Graminoid. Ht up to 1.6 m. Alt 10–1900 m. N, LIM, NW, G, M, S, FS, KZN, EC

***didactyla** Willd.

D. swazilandensis Stent (4)

Perennial. Graminoid. Ht 0.15–0.3 m. Alt 200–1600 m. LIM, G, M, S, KZN

dinteri Henrard = **D. eriantha**

diversinervis (Nees) Stapf

D. albomarginata Stent (4)

D. diversinervis (Nees) Stapf var. *woodiana* Henrard (4)

Perennial. Graminoid. Ht 0.2–0.35 m. Alt 2–1000 m. LIM, G, M, KZN, WC

diversinervis (Nees) Stapf var. *woodiana* Henrard = **D. diversinervis**

eriantha Steud.

D. bechuanica (Stent) Henrard (4)

D. decumbens Stent (4)

D. dinteri Henrard (4)

D. eriantha Steud. subsp. *pentzii* (Stent) Kok (4)

D. eriantha Steud. subsp. *stolonifera* (Stapf) Kok (6)

D. eriantha Steud. subsp. *transvaalensis* Kok (4)

D. eriantha Steud. var. *stolonifera* Stapf (6)

D. geniculata Stent (4)

D. glauca in sense of Stent, not A. Camus, misapplied name (6)

D. pentzii Stent (4)

D. pentzii Stent var. *stolonifera* (Stapf) Henrard (4)

D. setivalva Stent (4)

D. smutsii Stent (4)

D. stentiana Henrard (4)

D. valida Stent (4)

D. valida Stent var. *glauca* Stent (4)

Perennial. Graminoid. Ht up to 1.4 m. Alt 5–2440 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

eriantha Steud. subsp. *pentzii* (Stent) Kok = **D. eriantha**

eriantha Steud. subsp. *stolonifera* (Stapf) Kok = **D. eriantha**

eriantha Steud. subsp. *transvaalensis* Kok = **D. eriantha**

eriantha Steud. var. *stolonifera* Stapf = **D. eriantha**

eylesii C.E.Hubb.

Perennial. Graminoid. Ht up to 1 m. Alt 600–1700 m. N, B, LIM, G, M, S

flaccida Stapf

Perennial. Graminoid. Ht up to 0.6 m. Alt 1200–2200 m. LIM, M, S, KZN, EC

gayana (Kunth) Stapf

Perennial. Graminoid. Ht up to 0.4 m. Alt 200–600 m. N, B

gazensis Rendle

Perennial. Graminoid. Ht up to 1.2 m. Alt 600–1000 m. N

geniculata Stent = **D. eriantha**

glauca in sense of Stent, not of A. Camus, misapplied name = **D. eriantha**

gymnostachys Pilg.

Perennial. Graminoid. Ht up to 1 m. Alt 50–1000 m. LIM, KZN

littoralis in sense of Stent, not of Salisb., misapplied name = **D. natalensis**

littoralis in sense of Stent, not of Salisb. var. *prostrata* Stent, misapplied name = **D. natalensis**

longiflora (Retz.) Pers.

Annual or perennial. Graminoid. Ht 0.1–0.7 m. Alt 15–1400 m. B, LIM, NW, G, M, S, KZN

macroglossa Henrard = **D. natalensis**

macroglossa Henrard var. *prostrata* (Stent) Henrard = **D. natalensis**

maitlandii Stapf & C.E.Hubb.

D. apiculata Stent (4)

Perennial. Graminoid. Ht 0.2–0.6 m. Alt 1200–2100 m. LIM, M, S, EC

maniculata Stapf

Annual. Graminoid. Ht 0.1–0.3 m. Alt 300–600 m. N, B

marginata Link = **D. ciliaris**

melanochila Stapf = **D. thouaresiana**

milanjiana (Rendle) Stapf

Perennial. Graminoid. Ht 0.5–2 m. Alt 300–1400 m. N, B, LIM

monodactyla (Nees) Stapf

D. monodactyla (Nees) Stapf var. *explicata* Stapf (4)

Perennial. Graminoid. Ht 0.2–0.7 m. Alt 300–2300 m. N, LIM, NW, G, M, S, FS, KZN, L, EC

monodactyla (Nees) Stapf var. *explicata* Stapf = **D. monodactyla**

natalensis Stent

D. littoralis in sense of Stent, not of Salisb., misapplied name (6)

D. littoralis in sense of Stent, not of Salisb. var. *prostrata* Stent, misapplied name (6)

D. macroglossa Henrard (4)

D. macroglossa Henrard var. *prostrata* (Stent) Henrard (4)

D. natalensis Stent subsp. *stentiana* Henrard (4)

D. rigida Stent (4)

Perennial. Graminoid. Ht up to 1.6 m. Alt 2–1800 m. LIM, M, S, KZN, WC, EC

natalensis Stent subsp. *stentiana* Henrard = **D. natalensis**
***nuda** Schumach.
D. borbonica Desv. (4)
 Annual. Graminoid. Ht 0.1–0.5 m. Alt 140–1700 m. N, LIM, M, S, KZN, EC
pentzii Stent = **D. eriantha**
pentzii Stent var. *stolonifera* (Stapf) Henrard = **D. eriantha**
otaviensis Launert = **Tarigidia aequiglumis**
perrottetii (Kunth) Stapf
 Annual. Graminoid. Ht up to 1 m. Alt 25–1800 m. N, B, LIM, KZN
polevansii Stent = **D. seriata**
polyphylla Henrard
 Perennial. Graminoid. Ht 0.3–0.4 m. Alt 300–1600 m. NW, NC
remotigluma (De Winter) Clayton
Digitariella remotigluma De Winter (4)
 Annual. Graminoid. Ht 0.1–0.5 m. Alt 300–1000 m. N, B
rigida Stent = **D. natalensis**
rukwae Clayton
 Perennial. Graminoid. Ht up to 1.2 m. Alt 20–100 m. KZN
***sanguinalis** (L.) Scop.
 Annual. Graminoid. Ht 0.2–0.6 m. Alt 5–2200 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC
scalarum (Schweinf.) Chiov.
D. abyssinica (A.Rich.) Stapf, misapplied name (5)
D. vestita Fig. & De Not. var. *scalarum* (Schweinf.) Henrard (5)
 Perennial. Graminoid. Ht 0.1–0.35 m. Alt 5–1600 m. B, LIM, NW, G, M, S, KZN, EC
seriata Stapf
D. polevansii Stent (4)
 Perennial. Graminoid. Ht up to 1.2 m. Alt 300–1400 m. N, B, LIM, NW
setifolia Stapf
 Perennial. Graminoid. Ht 0.2–0.5 m. Alt 60–2100 m. M, S?, FS, KZN, L, EC
setivalva Stent = **D. eriantha**
smutsii Stent = **D. eriantha**
stentiana Henrard = **D. eriantha**
swazilandensis Stent = **D. didactyla**
ternata (A.Rich.) Stapf
 Annual. Graminoid. Ht 0.2–0.6 m. Alt 5–2300 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
thouaresiana (Flüggé) A.Camus
D. melanochila Stapf (4)
D. tricolostulata (Hack.) Henrard (4)
 Annual. Graminoid. Ht 0.2–0.8 m. Alt 600–1800 m. M, FS, KZN, EC
tricholaenoides Stapf
 Perennial. Graminoid. Ht 0.2–0.55 m. Alt 1000–2200 m. NW, G, M, S, FS, KZN, L, EC
trichopodia Stent = **D. diagonalis** var. **diagonalis**
tricolostulata (Hack.) Henrard = **D. thouaresiana**
uniglumis (A.Rich.) Stapf = **D. diagonalis** var. **diagonalis**
valida Stent = **D. eriantha**
valida Stent var. *glauca* Stent = **D. eriantha**
velutina (Forssk.) P.Beauv.
D. zeyheri (Nees) Henrard (4)
 Annual. Graminoid. Ht up to 0.8 m. Alt 100–1600 m. N, B, LIM, NW, G, M, S, KZN, EC

vestita Fig. & De Not. var. *scalarum* (Schweinf.) Henrard = **D. scalarum**

***violascens** Link
 Annual. Graminoid. Ht up to 0.9 m. Alt 800–1000 m. KZN
zeyheri (Nees) Henrard = **D. velutina**

DIGITARIELLA De Winter 9900894
remotigluma De Winter = **Digitaria remotigluma**

DIHETEROPOGON (Hack.) Stapf 9900810

- (1) Chippindall. 1944. *The Flowering Plants of South Africa* 24: t. 922.
- (2) Clayton. 1966. *Kew Bulletin* 20: 74, 75.
- (3) Clayton & Renvoize. 1982. *FTEA Gramineae* (Part 3): 783–786.
- (4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 114, 115.

amplectens (Nees) Clayton
Andropogon amplectens Nees (2)
 Perennial. Graminoid. Ht up to 2 m. Alt 30–2200 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

filifolius (Nees) Clayton
Andropogon filifolius (Nees) Steud. (2)
 Perennial. Graminoid. Ht 0.15–0.6 m. Alt 15–2500 m. N, LIM, G, M, S, FS, KZN, L, EC

DINEBRA Jacq. 9903300

- (1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 116.
- (2) Cope. 1999. *FZ* 10,2: 45–47.

retroflexa (Vahl) Panz. var. **condensata** S.M.Phillips
 Annual. Graminoid. Ht 0.13–0.9 m. Alt 4–1400 m. N, B, LIM, NW, G, M, S, FS, KZN, EC

DIPLACHNE P.Beauv. 9903450

biflora Hack. ex Schinz = **Bewsia biflora**
cinerea Hack. = **Odyssea paucinervis**
cuspidata Launert [Note: combination to place this species into *Leptochloa* has not yet been made.]
 Perennial. Graminoid. Ht 0.32–0.65 m. Alt 600–1000 m. N
eleusine Nees = **Leptochloa eleusine**
fusca (L.) P.Beauv. ex Roem. & Schult. = **Leptochloa fusca**
gigantea Launert = **Leptochloa gigantea**
malabarica (L.) Merr in sense of Adamson = **Leptochloa fusca**

DOLICHOCHAETE (C.E.Hubb.) J.B.Phipps 9901742

rehmannii (Hack.) J.B.Phipps = **Tristachya rehmannii**

DREGECHLOA Conert 9902045

- (1) Conert. 1966. *Senckenbergiana Biologica* 47: 335–343.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 118.

calviniensis Conert
 Perennial. Graminoid. Ht 0.15–0.25 m. Alt 1000–1400 m. NC

pumila (Nees) Conert
Danthonia pumila Nees (1)
 Perennial. Graminoid. Ht 0.04–0.07 m. Alt 50–200 m. N, NC

ECHINOCHLOA P.Beauv. 9901120

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 358–363.
- (2) Clayton. 1989. *FZ* 10,3: 50–58.
- (3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 119–121.

colona (L.) Link

Annual. Graminoid. Ht up to 1.5 m. Alt 5–1800 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

crus-galli (L.) P.Beauv.

E. subverticillata Pilg. (2)

Annual. Graminoid. Ht up to 1 m. Alt 9–2300 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

crus-pavonis (Kunth) Schult.

Annual or perennial. Graminoid. Ht up to 2 m. Alt 6–1600 m. KZN, WC, EC

haploclada (Stapf) Stapf

Perennial. Graminoid. Ht up to 3 m. Alt 200–1300 m. B, LIM, G, M, S

holubii (Stapf) Stapf

Perennial. Graminoid. Ht 0.4–0.9 m. Alt 4–1600 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

jubata Stapf

Perennial. Graminoid. Ht up to 2 m. Alt 600–1800 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, EC

pyramidalis (Lam.) Hitchc. & Chase

Perennial. Graminoid. Ht 1–4 m. Alt 1–1500 m. N, B, LIM, G, M, S, KZN, WC, EC

stagnina (Retz.) P.Beauv.

Perennial, occ. annual. Graminoid. Ht up to 2 m. Alt 800–1700 m. N, B, LIM, G, M, FS, L

subverticillata Pilg. = **E. crus-galli**

ugandensis Snowden & C.E.Hubb.

Annual. Graminoid. Ht up to 1 m. Alt 85–1000 m. B, LIM, NW, G, M, S, KZN

EHRHARTA Thunb. 9901600

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 34–45.
- (2) Gibbs Russell. 1984. *Bothalia* 15: 145–147, 149–151.
- (3) Gibbs Russell. 1987. *Bothalia* 17: 191–194.
- (4) Gibbs Russell & Ellis. 1988. *Bothalia* 18: 165–171.
- (5) Gibbs Russell & Ellis. 1989. *Bothalia* 19: 189–207.
- (6) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 121–129.

aphylla Schrad. = **E. ramosa** subsp. **aphylla**

barbinodis Nees ex Trin.

Perennial. Shrub, graminoid. Ht 0.3–0.9 m. Alt 1–1200 m. NC, WC

brevifolia Schrad. var. **brevifolia**

Annual. Graminoid. Ht 0.1–0.3 m. Alt 10–900 m. N, NC, WC

brevifolia Schrad. var. **cuspidata** Nees

Annual. Graminoid. Ht 0.2–0.5 m. Alt 20–400 m. N, NC, WC

bulbosa Sm.

Perennial. Graminoid, geophyte. Ht up to 0.7 m. Alt 50–250 m. WC

calycina Sm.

E. geniculata Thunb. (1)

Perennial, occ. annual. Graminoid. Ht up to 1.8 m. Alt 2–2500 m. N, FS, KZN, L, NC, WC, EC

capensis Thunb.

Perennial. Graminoid, geophyte. Ht up to 1 m. Alt 50–1500 m. NC, WC

delicatula (Nees) Stapf

Annual. Graminoid. Ht 0.04–0.25 m. Alt 50–1200 m. N, NC, WC

dodii Stapf = **E. rupestris** subsp. **dodii**

dura Nees ex Trin.

Perennial. Graminoid. Ht up to 0.8 m. Alt 400–1300 m. WC, EC

eburnea Gibbs Russ.

Perennial. Graminoid, geophyte. Ht 0.2–0.5 m. Alt 700–1400 m. NC, WC, EC

erecta Lam. var. **erecta**

Perennial. Graminoid. Ht 0.2–0.6 m. Alt 2–2200 m. G, FS, KZN, WC, EC

erecta Lam. var. **natalensis** Stapf

Perennial. Graminoid. Ht up to 0.9 m. Alt 10–2200 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

geniculata Thunb. = **E. calycina**

gigantea Thunb. = **E. thunbergii**

longiflora Sm.

Annual. Graminoid. Ht up to 0.6 m. Alt 30–1100 m. N?, FS?, NC, WC, EC?

longifolia Schrad.

Perennial. Graminoid, geophyte. Ht up to 1.2 m. Alt 100–1800 m. NC, WC

longigluma C.E.Hubb.

Perennial. Graminoid. Ht 0.3–0.6 m. Alt 2300–3000 m. FS, KZN, L, EC

melicoides Thunb.

Perennial. Graminoid. Ht 0.3–0.7 m. Alt 500–1800 m. NC, WC

microlaena Nees ex Trin.

Perennial. Graminoid. Ht up to 1.1 m. Alt 400–1330 m. WC

ottonis Kunth ex Nees

Perennial. Graminoid, geophyte. Ht up to 1.2 m. Alt 200–2200 m. WC, EC

pusilla Nees ex Trin.

Annual. Graminoid. Ht 0.05–0.35 m. Alt 60–1400 m. N, NC

ramosa (Thunb.) Thunb. subsp. **aphylla** (Schrad.) Gibbs Russ.

E. aphylla Schrad. (5)

E. ramosa (Thunb.) Thunb. var. *aphylla* (Schrad.) Gluckman (5)

Perennial. Shrub, graminoid. Ht 0.3–0.8 m. Alt 80–1500 m. WC

ramosa (Thunb.) Thunb. subsp. **ramosa**

E. ramosa (Thunb.) Thunb. var. *ramosa* (5)

Perennial. Shrub. Ht up to 1 m. Alt 45–2000 m. WC, EC

ramosa (Thunb.) Thunb. var. *aphylla* (Schrad.) Gluckman = **E. ramosa** subsp. **aphylla**

ramosa (Thunb.) Thunb. var. *ramosa* = **E. ramosa** subsp. **ramosa**

rehmannii Stapf subsp. **filiformis** (Stapf) Gibbs Russ.

E. rehmannii Stapf var. *filiformis* Stapf (5)

Perennial. Graminoid, erect or straggling. Ht up to 0.8 m. Alt 60–1700 m. WC

rehmannii Stapf subsp. **rehmannii**

E. rehmannii Stapf var. *rehmannii* (6)

Perennial. Graminoid. Ht up to 1 m. Alt 25–1000 m. WC, EC

rehmannii Stapf subsp. **subspicata** (Stapf) Gibbs Russ.

E. subspicata Stapf (6)

Perennial. Graminoid. Ht 0.3–0.6 m. Alt 10–700 m. WC, EC

rehmannii Stapf var. *filiformis* Stapf = **E. rehmannii** subsp. **filiformis**

rehmannii Stapf var. *rehmannii* = **E. rehmannii** subsp. **rehmannii**

rupestris Nees ex Trin. subsp. **dodii** (Stapf) Gibbs Russ.
E. dodii Stapf (2)
Perennial. Graminoid. Ht up to 0.25 m. Alt 600–1700 m.
WC

rupestris Nees ex Trin. subsp. **rupestris**
Perennial. Graminoid. Ht up to 0.3 m. Alt 700–2000 m.
WC

rupestris Nees ex Trin. subsp. **tricostata** (Stapf) Gibbs Russ.
E. tricostata Stapf (6)
Perennial. Graminoid. Ht 0.2–0.45 m. Alt 300–2000 m.
NC, WC, EC

setacea Nees subsp. **disticha** (Stapf) Gibbs Russ.
Perennial. Graminoid. Ht up to 0.25 m. Alt 58–1225 m.
WC

setacea Nees subsp. **scabra** (Stapf) Gibbs Russ.
E. setacea Nees var. *scabra* Stapf (2)
Perennial. Graminoid. Ht 0.25–0.6 m. Alt 300–1300 m.
WC

setacea Nees subsp. **setacea**
Perennial. Graminoid. Ht 0.25–0.4 m. Alt 100–1600 m.
WC

setacea Nees subsp. **uniflora** (Burch. ex Stapf) Gibbs Russ.
E. uniflora Burch. ex Stapf (2)
Perennial. Graminoid. Trailing up to 0.4 m. Alt 10–500 m.
WC

setacea Nees var. *scabra* Stapf = **E. setacea** subsp. **scabra**
stipoides Labill. = **Microlaena stipoides**

subspicata Stapf = **E. rehmannii** subsp. **subspicata**

thunbergii Gibbs Russ.
E. gigantea Thunb. (3)
E. virgata Launert (6)
Perennial. Graminoid. Ht up to 1.5 m. Alt 100–1500 m.
N, NC, WC, EC

triandra Nees ex Trin.
Annual. Graminoid. Ht 0.06–0.45 m. Alt 100–1200 m. N,
NC, WC

tricostata Stapf = **E. rupestris** subsp. **tricostata**
uniflora Burch. ex Stapf = **E. setacea** subsp. **uniflora**
villosa Schult.f. var. **maxima** Stapf
Perennial. Graminoid. Ht up to 1.5 m. Alt 2–700 m. WC,
EC

villosa Schult.f. var. **villosa**
Perennial. Graminoid. Ht up to 1.5 m. Alt 2–1850 m. WC,
EC

virgata Launert = **E. thunbergii**

ELEUSINE Gaertn. 9903310

- (1) Phillips. 1971. *Kew Bulletin* 27: 251–270.
- (2) Hilu & De Wet. 1976. *American Journal of Botany* 63: 1311–1318.
- (3) Hilu & De Wet. 1976. *Economic Botany* 30: 199–208.
- (4) De Wet *et al.* 1984. *American Journal of Botany* 71: 550–557.
- (5) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 129, 130.
- (6) Phillips. 1995. *Flora of Ethiopia and Eritrea* 7: 138–142.
- (7) Cope. 1999. *FZ* 10,2: 156–159.

africana Kenn.-O'Byrne = **E. coracana** subsp. **africana**
coracana (L.) Gaertn. subsp. **africana** (Kenn.-O'Byrne)
Hilu & de Wet

E. africana Kenn.-O'Byrne (4)
E. indica (L.) Gaertn. subsp. *africana* (Kenn.-O'Byrne) S.M.Phillips (4)
Annual. Graminoid. Ht up to 0.62 m. Alt 5–2000 m. N,
B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

indica (L.) Gaertn.
Annual. Graminoid. Ht 0.23–0.4 m. Alt 20–1800 m. N,
S, KZN, EC

indica (L.) Gaertn. subsp. *africana* (Kenn.-O'Byrne)
S.M.Phillips = **E. coracana** subsp. **africana**

***multiflora** A.Rich.
Annual. Graminoid. Ht 0.12–0.4 m. Alt 1600–2500 m. G,
M, FS, L

***tristachya** (Lam.) Lam.
Perennial. Graminoid. Ht 0.07–0.18 m. Alt 250–1600 m.
G, FS, L, NC, WC

ELIONURUS Kunth ex Willd. 9900280

- (1) Clayton & Renvoize. 1982. *FTEA* Gramineae: 835–838.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 130, 131.

argenteus Nees = **E. muticus**

glaber E.Phillips = **E. muticus**

glaber E.Phillips var. *villosus* E.Phillips = **E. muticus**

muticus (Spreng.) Kuntze
E. argenteus Nees (1)
E. glaber E.Phillips (1)
E. glaber E.Phillips var. *villosus* E.Phillips (1)
E. pretoriensis E.Phillips (1)
Perennial. Graminoid. Ht up to 1.2 m. Alt 15–2500 m. N,
B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

pretoriensis E.Phillips = **E. muticus**

tripsacoides Willd.
Perennial. Graminoid. Ht 1.2–1.5 m. Alt 100–1000 m. N, B

ELYMANDRA Stapf 9900801

- (1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 823.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 131, 132.

grallata (Stapf) Clayton
Perennial. Graminoid. Ht up to 2 m. Alt 85–900 m. N, B,
KZN

***ELYMUS** L. 9904520

Note: this is an alternative genus for the species given below, see *Elytrigia* and *Thinopyrum* for species information.

- (1) Melderis. 1978. *Botanical Journal of the Linnean Society* 76: 383.
- (2) Dewey. 1984. In Gustafson, *Gene manipulation in plant improvement*: 208–279.
- (3) Assadi. 1996. *Willdenowia* 26: 267.

distichus (Thunb.) Melderis
Agropyron distichum (Thunb.) P.Beauv. (1)
Thinopyrum distichum (Thunb.) A.Löve (2)

repens (L.) Gould
Agropyron repens (L.) P. Beauv. (3)
Elytrigia repens (L.) Nevski (3)

***ELYTRIGIA** Desv. 9904345

- Note: see *Elymus*, an alternative genus that can be used.
- (1) Dewey. 1984. In Gustafson, *Gene manipulation in plant improvement*: 208–279.
 - (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 132.
 - (3) Assadi. 1996. *Willdenowia* 26: 267.

repens (L.) Nevski
Agropyron repens (L.) P.Beauv. (2)
Perennial. Graminoid. Ht up to 1.2 m. Alt 10–1200 m.
WC, EC

ELYTROPHORUS P.Beauv. 9903700

- (1) Clayton. 1970. *FTEA* Gramineae (Part 2): 135–137.
 (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 133, 134.
 (3) Cope. 1999. *FZ* 10,2: 2–4.

globularis Hack.

Annual. Graminoid. Ht up to 0.6 m. Alt 400–1200 m. N, B, LIM

spicatus (Willd.) A.Camus

Annual. Graminoid. Ht up to 0.6 m. Alt 400–1000 m. N, B

ENNEAPOGON Desv. ex P.Beauv. 9903570

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 234–238.
 (2) Clayton. 1970. *FTEA* Gramineae (Part 1): 167–169.
 (3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 134–136.
 (4) Cope. 1995. In Thulin, *Flora of Somalia* 4: 166, 167.

brachystachyum (Jaub. & Spach) Stapf = **E. desvauxii****cenchroides** (Roem. & Schult.) C.E.Hubb.

Annual or short-lived perennial. Graminoid. Ht up to 1 m. Alt 60–2300 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC

desvauxii P.Beauv.

E. brachystachyum (Jaub. & Spach) Stapf (2)

Annual or perennial. Graminoid. Ht 0.03–0.3 m. Alt 200–2200 m. N, B, LIM, NW, FS, NC, WC, EC

filifolius (Pilg.) Stapf ex Garab. = **E. scoparius****pretoriensis** Stent

Perennial. Graminoid. Ht 0.3–0.65 m. Alt 400–1600 m. B, LIM, NW, G, M

scaber Lehm.

Perennial. Graminoid. Ht 0.07–0.35 m. Alt 90–1500 m. N, B, NW, FS, NC, WC

scoparius Stapf

E. filifolius (Pilg.) Stapf ex Garab. (3)

Perennial. Graminoid. Ht 0.3–0.65 m. Alt 30–2200 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

spathaceus Gooss.

Perennial. Graminoid. Ht 0.65–0.9 m. Alt 400–600 m. LIM

ENTEROPOGON Nees 9903000

- (1) Clayton *et al.* 1974. *FTEA* Gramineae (Part 2): 331–335.
 (2) Clayton. 1982. *Kew Bulletin* 37: 419.
 (3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 136, 137.
 (4) Cope. 1999. *FZ* 10,2: 216–219.

macrostachyus (A.Rich.) Benth.

E. simplex (Schumach. & Thonn.) A.Chev. (1)

Perennial. Graminoid. Ht up to 1.2 m. Alt 200–1400 m. N, B, LIM, NW, G, M

monostachyus (Vahl) K.Schum. subsp. **africanus** Clayton

Perennial. Graminoid. Ht up to 1 m. Alt 25–1000 m. LIM, M, S, KZN

prieurii (Kunth) Clayton

Chloris prieurii Kunth (2)

Annual. Graminoid. Ht up to 0.5 m. Alt 600–900 m. N

rupestris (J.A.Schmidt) A.Chev.

Perennial. Graminoid. Ht up to 1 m. Alt 600–1600 m. N, B

simplex (Schumach. & Thonn.) A.Chev. = **E. macrostachyus****ENTOLASIA** Stapf 9901021

- (1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 573–575.
 (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 137, 138.

imbricata Stapf

Perennial. Graminoid. Ht up to 1.5 m. Alt 600–1000 m. N, B

olivacea Stapf

Perennial. Graminoid. Ht up to 1.5 m. Alt 1000–1500 m. LIM

ENTOPLOCAMIA Stapf 9903280

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 189.
 (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 138, 139.

aristulata (Hack. & Rendle) Stapf

Annual. Graminoid. Ht up to 1.1 m. Alt 900–1500 m. N

ERAGROSTIS Wolf 9902860

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 132–184.
 (2) De Winter. 1960. *Bothalia* 7: 468–479.
 (3) De Winter. 1966. *Bothalia* 9: 137–139.
 (4) Phillips. 1982. *Kew Bulletin* 37: 147–149.
 (5) Koch & Sánchez Vega. 1985. *Phytologia* 58: 377–381.
 (6) De Winter. 1990. *Bothalia* 20: 203–209.
 (7) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 139–163.
 (8) Cope. 1999. *FZ* 10,2: 49–148.

abyssinica (Jacq.) Link = **E. tef****acraea** De Winter

Perennial. Graminoid. Ht up to 2 m. Alt 100–1900 m. LIM, NW, M, EC

aethiopica Chiov.

Annual. Graminoid. Ht up to 0.6 m. Alt 300–1400 m. B, LIM, M, S

amabilis (L.) Hook. & Arn.

E. tenella (L.) Roem. & Schult. (8)

Annual. Graminoid. Ht up to 0.5 m. Alt 200–1400 m. N, B, LIM, G, M, KZN, NC

annulata Rendle ex Scott-Elliot

Annual. Graminoid. Ht up to 0.35 m. Alt 400–1400 m. N, B, NC

arenicola C.E.Hubb.

Annual. Graminoid. Ht up to 0.5 m. Alt 60–1500 m. N, LIM, KZN

aristata De Winter

Annual. Graminoid. Ht up to 0.75 m. Alt 20–1500 m. N

aspera (Jacq.) Nees

Annual. Graminoid. Ht up to 0.8 m. Alt 70–1400 m. N, B, LIM, NW, G, M, S, KZN, NC

atherstonei Stapf = **E. trichophora**

atrovirens (Desf.) Trin. ex Steud., misapplied name = **E. inamoena**

barbinodis Hack.

Perennial. Graminoid. Trailing up to 1 m. Alt 100–2100 m. B, LIM, NW, G, M, S, FS, KZN

***barrelieri** Daveau

Annual. Graminoid. Ht up to 0.3 m. Alt 100–1500 m. N, B, LIM, NW, G, M, S, FS, NC, EC

bergiana (Kunth) Trin.

Perennial. Graminoid. Ht up to 0.4 m. Alt 300–1220 m. N?, B, FS, NC, WC, EC

bicolor Nees

Perennial. Graminoid. Ht up to 0.6 m. Alt 800–1700 m. N, B, NW, FS, NC, EC

- biflora** Hack. ex Schinz
Annual. Graminoid. Ht up to 0.7 m. Alt 600–1600 m. N, B, LIM, NW, G, M, FS, NC
- brizantha** Nees
Annual. Graminoid. Ht up to 0.5 m. Alt 100–1700 m. N, B, NC
- caesia** Stapf
Perennial. Graminoid. Ht up to 0.6 m. Alt 1200–3000 m. LIM, M, S, FS, KZN, L, EC
- capensis** (Thunb.) Trin.
Perennial. Graminoid. Ht up to 0.9 m. Alt 5–2500 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- chalcantha** Trin. = **E. racemosa**
- chapelieri** (Kunth) Nees
Perennial. Graminoid. Ht 0.5–0.9 m. Alt 5–1100 m. N, LIM, M, S, KZN
- chloromelas** Steud.
Perennial. Graminoid. Ht up to 0.8 m. Alt 40–2500 m. LIM, NW, G, M, S, FS, KZN, L, NC, EC
- cilianensis** (All.) Vignolo ex Janch.
Annual. Graminoid. Ht up to 0.9 m. Alt 9–2200 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- ciliaris** (L.) R.Br.
Annual. Graminoid. Ht 0.22–0.6 m. Alt 9–1000 m. B, LIM, G, M, S, KZN, EC
- cimicina** Launert
Perennial. Graminoid. Ht 1–1.5 m. Alt 300–1000 m. N, B
- comptonii** De Winter
Perennial. Graminoid. Ht up to 1.1 m. Alt 600–1700 m. S
- congesta** Oliv.
Perennial. Graminoid. Ht up to 0.8 m. Alt 50–100 m. KZN
- crassinervis** Hack.
Perennial. Graminoid. Ht up to 0.6 m. Alt 50–1300 m. N, LIM
- curvula** (Schrud.) Nees
E. robusta Stent (7)
Perennial. Graminoid. Ht up to 1.2 m. Alt 3–2500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- cylindriflora** Hochst.
E. horizontalis Peter (7)
Annual. Graminoid. Ht 0.35–0.8 m. Alt 100–2000 m. N, B, LIM, G, M, S, KZN, NC, WC
- cyperoides** (Thunb.) P.Beauv. = **Cladoraphis cyperoides**
- denudata** Hack. ex Schinz = **E. nindensis**
- desolata** Launert
Perennial. Graminoid. Ht up to 0.7 m. Alt 900–1500 m. M
- dinteri** Stapf
Annual. Graminoid. Ht 0.25–0.5 m. Alt 500–1500 m. N, B
- echinochloidea** Stapf
Perennial. Graminoid. Ht up to 0.9 m. Alt 500–2000 m. N, B, LIM, NW, NC
- elatior** Stapf
Perennial. Graminoid. Ht up to 0.5 m. Alt 5–300 m. WC
- friesii** Pilg.
Perennial. Graminoid. Ht up to 0.2 m. Alt 850–1500 m. N
- gangetica** (Roxb.) Steud.
Annual. Graminoid. Ht 0.25–0.8 m. Alt 900–1500 m. N
- glandulosipedata** De Winter
Annual. Graminoid. Ht up to 1 m. Alt 300–1700 m. N, B, LIM, G
- gummiflua** Nees
Perennial. Graminoid. Ht up to 0.9 m. Alt 5–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- habrantha** Rendle
Perennial. Graminoid. Ht up to 1 m. Alt 300–1700 m. N, B, LIM
- henrardii** Jansen = **E. trichophora**
- heteromera** Stapf
Perennial. Graminoid. Ht up to 1 m. Alt 12–2100 m. N, B, LIM, NW, G, M, S, KZN, WC, EC
- hierniana** Rendle
E. uniglumis Hack. (7)
Perennial. Graminoid. Ht up to 1 m. Alt 300–1700 m. B, LIM, NW, G, M, S, KZN
- homomalla** Nees
E. hygrophila C.E.Hubb. & Schweick. (7)
Annual. Graminoid. Ht 0.2–0.5 m. Alt 0–1220 m. N, B, NW, FS, NC, WC, EC
- horizontalis** Peter = **E. cylindriflora**
- hygrophila** C.E.Hubb. & Schweick. = **E. homomalla**
- inamoena** K.Schum.
E. atrovirens in sense of Chippind., not of (Desf.) Trin. ex Steud., misapplied name (7)
Perennial. Graminoid. Ht up to 1 m. Alt 2–1700 m. N, B, LIM, NW, G, S, KZN, EC
- jeffreysii** Hack.
Perennial. Graminoid. Ht up to 2 m. Alt up to 2000 m. N, B
- kingesii** De Winter
Annual. Graminoid. Ht up to 0.1 m. Alt 600–1200 m. N, NC
- laevissima** Hack.
Perennial, occ. annual. Graminoid. Ht 0.4–0.8 m. Alt 600–1500 m. N, B
- lamprospicula** De Winter = **E. patentipilosa**
- lappula** Nees
E. lappula Nees var. *divaricata* Stapf (8)
Perennial. Graminoid. Ht up to 1.2 m. Alt 5–1500 m. N, B, LIM, G, M, S, FS, KZN
- lappula** Nees var. *divaricata* Stapf = **E. lappula**
- leersiiformis** Launert
Annual. Graminoid. Ht up to 0.5 m. Alt 1500–1800 m. N
- lehmanniana** Nees var. **chaunantha** (Pilg.) De Winter
Perennial. Graminoid. Ht up to 0.6 m. Alt 800–1300 m. N, B, NW, FS, NC
- lehmanniana** Nees var. **lehmanniana**
Perennial. Graminoid. Ht up to 0.6 m. Alt 200–2300 m. N, B, LIM, NW, G, M, FS, KZN, NC, WC, EC
- leptotricha** Cope
Perennial. Graminoid. Ht up to 0.6 m. Alt 600–1000 m. B
- macrochlamys** Pilg. var. **macrochlamys**
Annual. Graminoid. Ht up to 0.3 m. Alt 900–2000 m. N, NC
- macrochlamys** Pilg. var. **wilmaniae** (C.E.Hubb. & Schweick.) De Winter
Annual. Graminoid. Ht up to 0.3 m. Alt 30–1600 m. N, B, NW, NC
- margaritacea** Stapf = **E. rotifer**
- membranacea** Hack. ex Schinz
Annual. Graminoid. Ht up to 1.1 m. Alt 600–1200 m. N, B
- ***mexicana** (Hornem.) Link subsp. **virescens** (J.Presl. & C.Presl.) S.D.Koch & Sánchez Vega
E. virescens J.Presl & C.Presl (5)

- Annual. Graminoid. Ht 0.4–0.7 m. Alt 9–1600 m. LIM, NW, G, M, FS, KZN, L, NC, WC, EC
- micrantha** Hack.
Perennial. Graminoid. Ht up to 1 m. Alt 300–2100 m. N, B, LIM, NW, G, M, FS, L, NC
- ***minor** Host
E. poaeoides P.Beauv. ex Roem. & Schult. (7)
Annual. Graminoid. Ht up to 0.6 m. Alt 1200–1400 m. G
- mildbraedii** Pilg.
Perennial. Graminoid. Ht up to 0.4 m. Alt 950–1000 m. B
- moggii** De Winter var. **moggii**
Perennial. Graminoid. Ht 0.4–0.9 m. Alt 9–900 m. KZN
- namaquensis* Nees ex Schrad. = **Diandorchloa namaquensis**
nebulosa Stapf = **E. planiculmis**
- nindensis** Ficalho & Hiern
E. demudata Hack. ex Schinz (7)
Perennial. Graminoid. Ht up to 0.9 m. Alt 100–2000 m. N, B, LIM, NW, G, M, FS, KZN, NC
- obtusa** Munro ex Ficalho & Hiern
Perennial. Graminoid. Ht up to 0.4 m. Alt 30–1900 m. LIM, NW, G, FS, L, NC, WC, EC
- omahekensis** De Winter
Annual. Graminoid. Ht 0.6–0.8 m. Alt 600–1700 m. N
- pallens** Hack.
Perennial. Graminoid. Ht up to 2 m. Alt 60–1400 m. N, B, LIM, NW, G, FS, KZN, NC, EC
- patens** Oliv.
Annual. Graminoid. Ht 0.15–0.4 m. Alt 500–1800 m. N, G, M, S
- patentipilosa** Hack.
E. lamprospicula De Winter (8)
E. pseudosclerantha Chiov. (8)
Perennial. Graminoid. Ht up to 0.8 m. Alt 400–2200 m. LIM, NW, G, M, FS, KZN
- patentissima** Hack.
Perennial. Graminoid. Ht 0.5–0.7 m. Alt 700–2100 m. LIM, M, S, FS, KZN, EC
- phyllacantha** Cope
Annual or short-lived perennial. Graminoid. Ht up to 0.25 m. Alt 1000–1400 m. B
- pilgeriana** Dinter ex Pilg.
Annual. Graminoid. Ht up to 0.4 m. Alt 300–2000 m. N, B, NC
- pilosa** (L.) P.Beauv.
Annual. Graminoid. Ht 0.2–0.7 m. Alt 9–1200 m. N, B, LIM, G, S, FS, KZN, WC, EC
- plana** Nees
Perennial. Graminoid. Ht up to 1 m. Alt 10–2300 m. B, LIM, NW, G, M, S, FS, KZN, L, WC, EC
- planiculmis** Nees
E. nebulosa Stapf (1)
Perennial. Graminoid. Ht up to 1.2 m. Alt 120–2500 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC
- poaeoides* P.Beauv. ex Roem. & Schult. = **E. minor**
- porosa** Nees
Annual. Graminoid. Ht up to 0.8 m. Alt 200–1900 m. N, B, LIM, NW, FS, NC, WC
- procumbens** Nees
Annual. Graminoid. Ht 0.15–0.5 m. Alt 200–2000 m. N, M, FS, NC, WC
- ×**pseud-obtusa** De Winter
Perennial. Graminoid. Ht 0.2–0.6 m. Alt 1000–1500 m. NW, FS, NC
- pseudopoa** C.E.Hubb.
Perennial. Graminoid. Ht up to 0.5 m. Alt 1500–1600 m. M
- pseudosclerantha* Chiov. = **E. patentipilosa**
pusilla Hack. = **Diandorchloa pusilla**
- pygmaea** De Winter
Annual. Graminoid. Ht up to 0.07 m. Alt 20–600 m. N
- racemosa** (Thunb.) Steud.
E. chalcantha Trin. (1)
Perennial. Graminoid. Ht up to 0.8 m. Alt 12–2800 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC
- remotiflora** De Winter
Annual or perennial. Graminoid. Ht up to 0.6 m. Alt 200–1700 m. LIM, NW, M, FS, NC, EC
- rigidior** Pilg.
Perennial. Graminoid. Ht up to 1 m. Alt 90–1700 m. N, B, LIM, NW, G, M, S, KZN, NC
- robusta* Stent = **E. curvula**
- rogersii** C.E.Hubb.
Annual. Graminoid. Ht up to 0.4 m. Alt 600–900 m. B
- rotifer** Rendle
E. margaritacea Stapf (1)
Perennial. Graminoid. Ht up to 1.5 m. Alt 100–1900 m. N, B, LIM, NW, G, M, S, KZN, NC, WC
- sabinae** Launert
Perennial. Graminoid. Ht 0.09–0.15 m. Alt 600–1800 m. N
- sabulosa** (Steud.) Schweick.
Perennial. Graminoid. Ht 0.06–0.15 m. Alt 3–6 m. WC
- sarmentosa** (Thunb.) Trin.
Perennial. Graminoid. Ht 0.1–0.4 m. Alt 1–1000 m. N, B, LIM, M, FS, KZN, NC, WC
- sclerantha** Nees subsp. **sclerantha**
Perennial. Graminoid. Ht 0.2–0.7 m. Alt 45–2200 m. LIM, G, M, S, FS, KZN, L
- sclerantha** Nees subsp. **villosipes** (Jedwabn.) Launert
E. sclerantha Nees var. *villosipes* (Jedwabn.) De Winter (8)
Perennial. Graminoid. Ht up to 0.6 m. Alt 1000–1200 m. N, LIM
- sclerantha* Nees var. *villosipes* (Jedwabn.) De Winter = **E. sclerantha** subsp. **villosipes**
- scopelophila** Pilg.
Perennial. Shrub, graminoid. Ht up to 1 m. Alt 1200–2000 m. N
- spinosa* (L.f.) Trin. = **Cladoraphis spinosa**
- stapfii** De Winter
Perennial. Graminoid. Ht 0.5–0.9 m. Alt 1000–1800 m. N, B, LIM, NW, G, M, FS
- stenothyrsa** Pilg.
Perennial. Graminoid. Ht up to 0.5 m. Alt 1000–1200 m. N
- subglandulosa** Cope
Annual. Graminoid. Ht up to 0.35 m. Alt ± 1000 m. N, B
- superba** Peyr.
Perennial. Graminoid. Ht up to 1 m. Alt 50–1500 m. N, B, LIM, NW, G, M, S, FS, KZN, NC
- ***tef** (Zucc.) Trotter
E. abyssinica (Jacq.) Link (1)
Annual. Graminoid. Ht 0.07–0.6 m. Alt 5–1900 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

- tenella* (L.) Roem. & Schult. = **E. amabilis**
tenuifolia (A.Rich.) Steud.
 Perennial or annual. Graminoid. Ht up to 0.4 m. Alt 5–1200 m. LIM, M, S, FS, KZN, EC
- trichophora** Coss. & Durieu
E. atherstonei Stapf (7)
E. henrardii Jansen (7)
 Perennial. Graminoid. Ht 0.15–0.6 m. Alt 50–2000 m. N, B, LIM, NW, G, S, FS, KZN, NC
- truncata** Hack.
 Perennial. Graminoid. Ht 0.15–0.4 m. Alt 500–1500 m. N, B, NW, FS, NC
- uniglumis* Hack. = **E. hierniana**
vacillans Rendle, misapplied name = **E. venustula**
venustula Launert ex Cope
E. vacillans Rendle, misapplied name (8)
 Annual. Graminoid. Ht up to 0.35 m. Alt 300–600 m. N
- **virescens* J.Presl & C.Presl = **E. mexicana** subsp. **virescens**
viscosa (Retz.) Trin.
 Annual. Graminoid. Ht 0.1–0.5 m. Alt 400–2000 m. N, B, LIM, NW, G, M, S, FS, NC
- volkensii** Pilg.
 Perennial. Graminoid. Ht/length up to 1.2 m. Alt 900–1200 m. M
- walteri** Pilg.
 Perennial. Graminoid. Erect or floating, up to 1.14 m. Alt 10–1500 m. N
- ERIOCHLOA** Kunth 9901020
 (1) Gibbs Russell. 1981. *Bothalia* 13: 457.
 (2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 2): 568–573.
 (3) Clayton. 1989. *FZ* 10,3: 84–87.
 (4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 164, 165.
- borumensis* Hack. = **E. meyeriana** subsp. **meyeriana**
borumensis in sense of Stapf, not of Hack. = **E. stapfiana**
fatmensis (Hochst. & Steud.) Clayton
E. nubica (Steud.) Hack. & Stapf ex Thell. (2)
 Annual. Graminoid. Ht up to 1.2 m. Alt 900–1500 m. N, B, LIM, NW, G, M, FS, NC
- macclounii** Stapf
 Annual. Graminoid. Ht up to 1.2 m. Alt 600–1000 m. B
- meyeriana** (Nees) Pilg. subsp. **grandiglumis** (Stent & J.M.Ratray) Gibbs Russ.
Panicum meyerianum Nees var. *grandeglume* Stent & J.M.Ratray (1)
 Perennial. Graminoid. Ht up to 1.5 m. Alt 20–500 m. LIM, KZN
- meyeriana** (Nees) Pilg. subsp. **meyeriana**
E. borumensis Hack (2)
Panicum meyerianum Nees var. *meyerianum* (4)
 Perennial. Graminoid. Ht up to 1.5 m. Alt 2–1400 m. B, LIM, M, S, KZN
- nubica* (Steud.) Hack. & Stapf ex Thell. = **E. fatmensis**
parvispiculata C.E.Hubb.
 Perennial. Graminoid. Ht up to 1.3 m. Alt 30–600 m. M, KZN
- stapfiana** Clayton
E. borumensis in sense of Stapf, not of Hack. (2)
 Perennial. Graminoid. Ht up to 1.7 m. Alt 2–1400 m. LIM, M, S, KZN

- ERIOCHRYSIS** P.Beauv. 9900420
 (1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 706, 707.
 (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 165, 166.
- brachypogon** (Stapf) Stapf
E. brachypogon (Stapf) Stapf subsp. *australis* J.G.Anderson (1)
 Perennial. Graminoid. Ht up to 1 m. Alt 1400–2200 m. LIM, M, S
brachypogon (Stapf) Stapf subsp. *australis* J.G.Anderson = **E. brachypogon**
- pallida** Munro
 Perennial. Graminoid. Ht up to 0.9 m. Alt 10–2200 m. B, LIM, G, M, S, KZN, EC
- EULALIA** Kunth 9900530
 (1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 711–715.
 (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 166, 167.
- aurea** (Bory) Kunth
E. geniculata Stapf (1)
 Perennial. Graminoid. Ht up to 1.5 m. Alt 900–1100 m. N, B, LIM
- geniculata* Stapf = **E. aurea**
villosa (Thunb.) Nees
 Perennial. Graminoid. Ht up to 1.4 m. Alt 5–2100 m. LIM, M, S, KZN, EC
- EUSTACHYS** Desv. 9903020
 (1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 167, 168.
 (2) Cope. 1999. *FZ* 10,2: 214, 215.
- paspaloides** (Vahl) Lanza & Mattei
 Perennial. Graminoid. Ht up to 0.95 m. Alt 30–1900 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC
- FESTUCA** L. 9904170
 (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 53–58.
 (2) Clayton. 1985. *Kew Bulletin* 40: 727, 728.
 (3) Linder. 1986. *Bothalia* 16: 59–61.
 (4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 168–171.
 (5) Kerguelen *et al.* 1993. *Lejeunia* 142: 6.
 (6) Darbyshire. 1993. *Novon* 3: 239–243.
 (7) Soreng & Terrell. 1997. *Phylogia* 83: 85–88.
- africana** (Hack.) Clayton
Pseudobromus africanus (Hack.) Stapf (2)
Pseudobromus silvaticus K.Schum. (2)
 Perennial. Graminoid. Ht up to 1.6 m. Alt 200–1800 m. LIM, M, KZN, WC, EC
- ***arundinacea** Schreb.
F. elatior L. (5)
 Perennial. Graminoid. Ht up to 2 m. Alt 60–2500 m. FS, KZN?, WC, EC
- caprina** Nees
F. caprina Nees var. *irrasa* Stapf (4)
F. caprina Nees var. *macra* Stapf (4)
 Perennial. Graminoid. Ht up to 1 m. Alt 600–3000 m. NW, G, M, S, FS, KZN, L, EC
- caprina* Nees var. *irrasa* Stapf = **F. caprina**
caprina Nees var. *macra* Stapf = **F. caprina**
- costata** Nees
F. costata Nees var. *longiligulata* J.G.Anderson (4)
F. costata Nees var. *longiseta* Nees (4)
 Perennial. Graminoid. Ht up to 1.7 m. Alt 500–3000 m. LIM, M, S, FS, KZN, L, EC

costata Nees var. *longiligulata* J.G.Anderson = **F. costata**

costata Nees var. *longiseta* Nees = **F. costata**

dracomontana H.P.Linder

Perennial. Graminoid. Ht 0.5–0.8 m. Alt 1500–2000 m.
LIM, G, L

elator* L. = **F. arundinacea

killickii Kenn.-O'Byrne

Perennial. Graminoid. Ht 0.5–0.95 m. Alt 2000–3000 m.
KZN

longipes Stapf

Perennial. Graminoid. Ht 0.3–0.75 m. Alt 15–1700 m. M,
FS, L, EC

scabra Vahl

Perennial. Graminoid. Ht up to 1 m. Alt 8–3000 m. LIM,
G, M, S, FS, KZN, L, NC, WC, EC

vulpioides Steud.

Perennial. Graminoid. Ht up to 1 m. Alt 1800–2000 m. EC

FINGERHUTHIA Nees 9903710

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 206, 207.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 171.

africana Lehm.

Perennial, occ. annual. Graminoid. Ht up to 0.91 m. Alt
50–1800 m. N, B, LIM, NW, G, M, S, FS, KZN,
NC, WC, EC

sesleriiformis Nees

Perennial. Graminoid. Ht up to 1.2 m. Alt 200–2800 m.
NW, G, M, FS, KZN, L, NC, WC, EC

***GASTRIDIVM** P.Beauv. 9902480

(1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 172.

(2) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 195.

phleoides (Nees & Meyen) C.E.Hubb.

Annual. Graminoid. Ht 0.1–0.6 m. Alt 100–800 m. WC

GAZOCHLOA J.B.Phipps 9901772

scopulorum J.B.Phipps = **Danthoniopsis scopulorum**

HACKELOCHLOA Kuntze 9900220

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 523.

(2) Veldkamp *et al.* 1986. *Blumea* 31: 294, 295.

(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 172, 173.

granularis (L.) Kuntze

Annual. Graminoid. Ht up to 1 m. Alt 600–1400 m. B, M

***HAINARDIA** Greuter 9904423

Note: formerly known as *Monerma* which is an illegitimate/superfluous name for *Lepturus* (1).

(1) Clayton & Renvoize. 1986. *Kew Bulletin*, Additional Series 13: 111.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 173, 174.

(3) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 169.

cylindrica (Willd.) Greuter

Monerma cylindrica of author, not of (Willd.) Coss. & Durieu (2)
Annual. Graminoid. Ht 0.05–0.35 m. Alt 30–400 m.
WC, EC

HARPOCHLOA Kunth 9902980

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 191, 192.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 174, 175.

falx (L.f.) Kuntze

Perennial. Graminoid. Ht 0.4–0.9 m. Alt 30–3200 m.
LIM, NW, G, M, S, FS, KZN, L, WC, EC

HELICTOTRICHON Besser 9901970

(1) Schweickerdt. 1939. *Bothalia* 3: 185–198.

(2) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 76–80.

(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 175–177.

barbatum (Nees) Schweick.

Perennial. Graminoid. Ht 0.6–0.8 m. Alt 1000–1500 m. NC

capense Schweick.

Perennial. Graminoid. Ht up to 1 m. Alt 20–2195 m.
WC, EC

dodii (Stapf) Schweick.

Perennial. Graminoid. Ht up to 1 m. Alt 25–200 m. FS, WC

galpinii Schweick.

Perennial. Graminoid. Ht up to 0.6 m. Alt 2000–3000 m.
KZN, L, EC

hirtulum (Steud.) Schweick.

Perennial. Graminoid. Ht up to 1 m. Alt 50–3000 m. M,
FS, KZN, L, EC

leoninum (Steud.) Schweick.

Perennial. Graminoid. Ht 0.15–0.65 m. Alt 10–500 m. WC

longifolium (Nees) Schweick.

Perennial. Graminoid. Ht 0.3–0.9 m. Alt 1500–2900 m.
M, FS, KZN, L, WC, EC

longum (Stapf) Schweick.

Perennial. Graminoid. Ht up to 1.6 m. Alt 20–700 m.
NC, WC

namaquense Schweick.

Perennial. Graminoid. Ht 0.25–0.45 m. Alt 1600–1700 m.
NC

natalense (Stapf) Schweick.

Perennial. Graminoid. Ht 0.4–0.8 m. Alt 700–2000 m.
M, KZN

quinqusetum (Steud.) Schweick.

Perennial. Graminoid. Ht 0.5–0.75 m. Alt 900–1050 m.
M, WC

turgidulum (Stapf) Schweick.

Perennial. Graminoid. Ht up to 1 m. Alt 200–3200 m.
LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

HEMARTHRIA R.Br. 9900210

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 519.

(2) Clayton & Renvoize. 1982. *FTEA Gramineae* (Part 3): 851–853.

(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 178.

altissima (Poir.) Stapf & C.E.Hubb.

H. fasciculata (Lam.) Kunth (2)
Rottboellia compressa L.f. var. *fasciculata* (Lam.) Hack. (2)

Perennial. Graminoid. Ht up to 2.5 m. Alt 5–2000 m. N,
B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

fasciculata (Lam.) Kunth = **H. altissima**

HETEROCARPHA Stapf 9902861

schiemanniana Schweick. = **Brachychoa schiemanniana**

HETEROPOGON Pers. 9900800

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 156.

(2) Clayton & Renvoize. 1982. *FTEA Gramineae* (Part 3): 825–829.

(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 178, 179.

contortus (L.) Roem. & Schult.

Perennial. Graminoid. Ht up to 1 m. Alt 5–2500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

melanocarpus (Elliot) Benth.

Annual. Graminoid. Ht up to 2 m. Alt 300–1400 m. N, B, LIM

HOLCUS L. 9901920

- (1) Tutin. 1980. *Flora europaea* 5: 230.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 180.

***lanatus** L.

Perennial. Graminoid. Ht up to 1 m. Alt 100–2200 m. LIM, G, M, KZN, WC, EC

setiger Nees

Annual. Graminoid. Ht up to 0.3 m. Alt 25–1600 m. NC, WC

HORDEUM L. 9904510

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 71–73.
- (2) Von Bothmer *et al.* 1980. *Botaniska Notiser* 133: 546–550.
- (3) Löve. 1984. *Feddes Repertorium* 95: 425–521.
- (4) Dewey. 1984. In Gustafson, *Gene manipulation in plant improvement*: 209–279.
- (5) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 180–182.
- (6) Baum & Bailey. 1990. *Canadian Journal of Botany* 68: 2433–2442.
- (7) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 216–219.

capense Thunb.

H. nodosum L., misapplied name (1)
Perennial. Graminoid. Ht 0.2–0.6 m. Alt 6–2500 m. NW, FS, L, NC, WC, EC

compressum Griseb. = **H. stenostachys*****geniculatum** All.

H. marinum Huds. subsp. *gussoneanum* (Parl.) Thell. (7)
Annual. Graminoid. Ht 0.15–0.4 m. Alt 800–1600 m. NC, WC, EC

***jubatum** L.

Perennial, short-lived. Graminoid. Ht up to 0.6 m. Alt 2000–2500 m. L

marinum** Huds. subsp. *gussoneanum* (Parl.) Thell. = **H. geniculatum**murinum** L. subsp. **glaucum** (Steud.) Tzvelev

Annual. Graminoid. Ht 0.15–0.4 m. Alt 2–2000 m. KZN, NC, WC, EC

***murinum** L. subsp. **leporinum** (Link) Arcang.

Annual. Graminoid. Ht 0.15–0.4 m. Alt 5–1400 m. NC, WC, EC

***murinum** L. subsp. **murinum**

Annual. Graminoid. Ht up to 0.5 m. Alt 1–1200 m. L, NC, WC, EC

nodosum L., misapplied name = **H. capense*****stenostachys** Godr.

H. compressum Griseb. (2)
Perennial. Graminoid. Ht up to 1.5 m. Alt 1500–1900 m. FS, EC

HYPARRHENIA E.Fourn. 9900730

- (1) Clayton. 1969. *Kew Bulletin*, Additional Series 2: 1–196.
- (2) Clayton & Renvoize. 1982. *FTEA Gramineae* (Part 3): 788–819.
- (3) Gibbs Russell. 1982. *The Flowering Plants of Africa* 47: t. 1842.
- (4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 182–188.

altissima Stapf = **H. rufa** var. **rufa****anamesa** Clayton

Perennial. Graminoid. Ht up to 1.2 m. Alt 5–2800 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

aucta (Stapf) Stapf ex Stent = **H. dregeana***buchanani* (Stapf) Stapf ex Stent = **H. poecilotracha****collina** (Pilg.) Stapf

Perennial. Graminoid. Ht up to 1.3 m. Alt 1200–1600 m. M, KZN

cymbaria (L.) Stapf

Perennial. Graminoid. Ht up to 4 m. Alt 3–1600 m. LIM, G, M, S, KZN, EC

dichroa (Steud.) Stapf

H. fastigiata Robyns (2)
Perennial. Graminoid. Ht 1–3 m. Alt 250–1300 m. N, B, LIM, M, S, FS, KZN

dissoluta (Nees) C.E.Hubb. = **Hyperthelia dissoluta****dregeana** (Nees) Stapf ex Stent

H. aucta (Stapf) Stapf ex Stent (1)
H. pilosissima (Hack.) J.G.Anderson (1)
Perennial. Graminoid. Ht up to 2 m. Alt 400–2200 m. N, LIM, NW, G, M, S, FS, KZN, L, EC

fastigiata Robyns = **H. dichroa****filipendula** (Hochst.) Stapf var. **filipendula**

Perennial. Graminoid. Ht up to 2 m. Alt 10–1400 m. N, B, LIM, NW, M, S, KZN, EC

filipendula (Hochst.) Stapf var. **pilosa** (Hochst.) Stapf

Perennial. Graminoid. Ht up to 2 m. Alt 1–1800 m. N, B, LIM, NW, G, M, S, FS, KZN, WC, EC

finitima (Hochst.) Andersson ex Stapf

Perennial. Graminoid. Ht up to 2 m. Alt up to 1300 m. N, LIM, M

gazensis (Rendle) Stapf

Perennial. Graminoid. Ht up to 1.8 m. Alt 5–2200 m. LIM, M, KZN

glauca Stent = **H. tamba****hirta** (L.) Stapf

Perennial. Graminoid. Ht up to 1 m. Alt 5–2600 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

newtonii (Hack.) Stapf var. **macra** Stapf

Perennial. Graminoid. Ht up to 1.2 m. Alt 1200–1400 m. M, S

newtonii (Hack.) Stapf var. **newtonii**

Perennial. Graminoid. Ht up to 1 m. Alt 1200–1600 m. LIM, S

nyassae (Rendle) Stapf

Perennial. Graminoid. Ht up to 1.5 m. Alt 900–1800 m. B, LIM, NW, M

pilgerana C.E.Hubb.

Perennial. Graminoid. Ht up to 0.6 m. Alt 1000–1300 m. KZN

pilosissima (Hack.) J.G.Anderson = **H. dregeana****poecilotracha** (Hack.) Stapf

H. buchanani (Stapf) Stapf ex Stent (1)
Perennial. Graminoid. Ht up to 1.3 m. Alt 600–1300 m. N, LIM, NW, S, KZN

quarrei Robyns

Perennial. Graminoid. Ht up to 2 m. Alt 50–1900 m. N, LIM, NW, M, FS, KZN, EC

rudis Stapf

Perennial. Graminoid. Ht 1–3 m. Alt 900–1900 m. B, LIM, G, M, KZN

rufa (Nees) Stapf var. **rufa**

H. altissima Stapf (1)

Perennial. Graminoid. Ht up to 2.5 m. Alt 400–1220 m. N, B, LIM, M, S

schimperii (A.Rich.) Stapf

Perennial. Graminoid. Ht 1–4 m. Alt 190–1500 m. LIM, NW, M, KZN, WC

tamba (Steud.) Stapf

H. glauca Stent (1)

Perennial. Graminoid. Ht up to 3 m. Alt 150–1900 m. LIM, NW, G, M, S, FS, KZN, L

umbrosa (Hochst.) Andersson ex Clayton

Perennial. Graminoid. Ht 1.5–2 m. Alt 600–1400 m. M, KZN

variabilis Stapf

Perennial. Graminoid. Ht up to 3 m. Alt 800–1500 m. LIM, M, S, KZN

HYPERTHELIA Clayton 9900731

- (1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part): 786–788.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 188, 189.

dissoluta (Nees ex Steud.) Clayton

Hyparrhenia dissoluta (Nees) C.E.Hubb. (1)

Perennial. Graminoid. Ht 1–3 m. Alt 15–1600 m. N, B, LIM, NW, G, M, S, KZN

HYPOGYNIUM Nees 9900700

schlechteri (Hack.) Pilg. = **Andropogon festuciformis**

IMPERATA Cirillo 9900370

- (1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 700–702.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 189, 190.

cylindrica (L.) Raesch.

I. cylindrica (L.) Raesch. var. *africana* (Andersson) C.E.Hubb. (1)

I. cylindrica (L.) Raesch. var. *major* (Nees) C.E.Hubb. (1)

Perennial. Graminoid. Ht up to 1.2 m. Alt 4–2100 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

cylindrica (L.) Raesch. var. *africana* (Andersson) C.E.Hubb. = **I. cylindrica**

cylindrica (L.) Raesch. var. *major* (Nees) C.E.Hubb. = **I. cylindrica**

ISCHAEMUM L. 9900100

- (1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 746–749.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 190, 191.

afrum (J.F.Gmel.) Dandy

I. brachyatherum (Hochst.) Fenzl ex Hack. (1)

I. glaucostachyum Stapf (1)

Perennial. Graminoid. Ht up to 1.2 m. Alt 30–1700 m. N, B, LIM, NW, G, M, S, KZN

arcuatum (Nees) Stapf = **I. fasciculatum**

brachyatherum (Hochst.) Hack. = **I. afrum**

fasciculatum Brongn.

I. arcuatum (Nees) Stapf (1)

Perennial. Graminoid. Ht up to 1.25 m. Alt 2–2000 m. N, B, LIM, NW, G, M, S, KZN, EC

franksae J.M.Wood = **Phacelurus franksiae**

glaucostachyum Stapf = **I. afrum**

KAOKOCHLOA De Winter 9903611

(1) De Winter. 1961. *Bothalia* 7: 479, 480.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 191, 192.

nigrirostris De Winter

Annual. Graminoid. Ht 0.2–0.6 m. Alt 600–1000 m. N

KARROOCHLOA Conert & Türpe 9902044

(1) Conert & Türpe. 1969. *Senckenbergiana Biologica* 50: 289–318.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 192, 193.

curva (Nees) Conert & Türpe

Danthonia curva Nees (1)

Perennial. Graminoid. Ht up to 0.4 m. Alt 10–2500 m. FS?, WC, EC

purpurea (L.f.) Conert & Türpe

Danthonia purpurea (Thunb.) P.Beauv. ex Roem. & Schult. (1)

Perennial. Graminoid. Ht up to 0.22 m. Alt 20–3000 m. FS, KZN, L, NC, WC, EC

schismoides (Stapf ex Conert) Conert & Türpe

Annual. Graminoid. Ht 0.05–0.15 m. Alt 20–1000 m. N, NC, WC

tenella (Nees) Conert & Türpe

Danthonia tenella Nees (1)

Annual. Graminoid. Ht 0.04–0.25 m. Alt 100–1500 m. NC, WC

KOELERIA Pers. 9903740

(1) Clayton. 1970. *FTEA* Gramineae (Part 1): 79–81.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 193, 194.

capensis (Steud.) Nees

K. cristata (L.) Pers. var. *brevifolia* (Nees) C.E.Hubb. (1)

K. cristata (L.) Pers. var. *convoluta* (Steud.) C.E.Hubb. (1)

K. cristata of author, not of (L.) Pers. var. *cristata*, concept invalid (1)

Perennial. Graminoid. Ht 0.15–0.8 m. Alt 15–3500 m. LIM, G, M, S, FS, KZN, L, WC, EC

cristata (L.) Pers. var. *brevifolia* (Nees) C.E.Hubb. = **K. capensis**

capensis

cristata (L.) Pers. var. *convoluta* (Steud.) C.E.Hubb. = **K. capensis**

capensis

cristata of author, not of (L.) Pers. var. *cristata*, concept invalid = **K. capensis**

phleoides (Vill.) Pers. = **Lophochloa cristata**

***LAGURUS** L. 9902610

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 96.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 195, 196.

(3) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 195.

ovatus L.

Annual. Graminoid. Ht up to 0.6 m. Alt 5–1300 m. G, WC, EC

***LAMARCKIA** Moench 9903720

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 61.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 195.

(3) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 155, 156.

aurea (L.) Moench

Annual. Graminoid. Ht 0.1–0.3 m. Alt 10–900 m. WC

LASIOCHLOA Kunth 9903990

echinata (Thunb.) Adamson = **Tribolium echinatum**
longifolia (Schrad.) Kunth = **Tribolium hispidum**
obtusifolia Nees = **Tribolium obtusifolium**
utriculosa Nees = **Tribolium utriculosum**

LEERSIA Sw. 9901590

- (1) Launert. 1967. *Senckenbergiana Biologica* 46: 129–148.
- (2) Clayton. 1970. *FTEA* Gramineae (Part 1): 24–28.
- (3) Launert. 1971. *FZ* 10,1: 26–31.
- (4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 196, 197.

denudata Launert

Perennial. Graminoid. Ht up to 0.7 m. Alt 1300–1800 m.
 NW, KZN, EC

friesii Melderis

Perennial. Graminoid. Ht up to 0.8 m. Alt 600–1100 m. B

hexandra Sw.

Perennial. Graminoid. Ht up to 1.25 m. Alt 100–2200 m.
 N, B, LIM, NW, G, M, S, FS, KZN, L, EC

tisserantii (A.Chev.) Launert

Annual or perennial. Graminoid. Ht 0.05–0.6 m. Alt 600–1000 m. N, B

LEPTOCARYDION Stapf 9903430

- (1) Clayton *et al.* 1974. *FTEA* Gramineae (Part 2): 294–296.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 197, 198.
- (3) Cope. 1999. *FZ* 10,2: 41–43.

vulpiastrum (De Not.) Stapf

Annual. Graminoid. Ht up to 1.07 m. Alt 70–1200 m.
 N, B, LIM, M, S, KZN

LEPTOCHLOA P.Beauv. 9903330

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 118–121. [partly under *Diplachne*]
- (2) Phillips. 1982. *Kew Bulletin* 37: 142–144.
- (3) Clayton & Renvoize. 1986. *Kew Bulletin*, Additional Series 13: 209, 210.
- (4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 116–118, 198, 199.
- (5) Snow. 1998. *Novon* 8: 77–80.
- (6) Snow & Davids. 1998. *Taxon* 47: 157–159.
- (7) Cope. 1999. *FZ* 10,2: 23–29.

chinensis (L.) Nees

Perennial. Graminoid. Ht up to 0.82 m. Alt 200–1200 m.
 B, LIM, S, KZN

eleusine (Nees) Cope & N.Snow

Diplachne eleusine Nees (5)

Perennial. Graminoid. Ht up to 1.27 m. Alt 100–1700 m.
 N, B, LIM, NW, G, M, S, FS, KZN, EC

fusca (L.) Kunth

Diplachne fusca (L.) P.Beauv. ex Roem. & Schult. (7)

Diplachne malabarica (L.) Merr. in sense of Adamson (1)

Perennial. Graminoid. Ht up to 1.55 m. Alt 2–2000 m.
 N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

gigantea (Launert) Cope & N.Snow

Diplachne gigantea Launert (5)

Perennial. Graminoid. Ht 1.5–2.7 m. Alt 600–1000 m. B

panicea (Retz.) Ohwi

Annual. Graminoid. Ht up to 1.2 m. Alt 60–300 m. N,
 LIM, M, S, KZN

uniflora A.Rich.

Craspedorhachis uniflora (Hochst. ex A.Rich.) Chippind. (7)

Annual. Graminoid. Ht 0.3–0.61 m. Alt 75–500 m. N,
 B, LIM, KZN

LEPTURUS R.Br. 9904420

- (1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 199, 200.
- (2) Cope. 1999. *FZ* 10,2: 202–204.

repens (G.Forst.) R.Br.

Perennial. Graminoid. Ht 0.1–0.6 m. Alt 2–10 m. KZN

LEUCOPHRYS Rendle 9901030

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 379, 380.
- (2) Clayton & Renvoize. 1986. *Kew Bulletin*, Additional Series 13: 283 (under *Brachiaria*).
- (3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 200, 201.

mesocoma (Nees) Rendle

Perennial. Graminoid. Ht up to 1 m. Alt 500–1300 m. N, NC

LINTONIA Stapf 9902020

- (1) Clayton *et al.* 1974. *FTEA* Gramineae (Part 2): 302–304.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 201.

nutans Stapf

Perennial. Graminoid. Ht up to 0.9 m. Alt 120–1200 m. B,
 LIM, M, S, KZN

***LOLIUM** L. 9904330

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 58, 59.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 201, 202.
- (3) Loos. 1993. *Plant Systematics and Evolution* 188: 87–99.
- (4) Darbyshire. 1993. *Novon* 3: 239–243.
- (5) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 150–152.

loliaceum (Bory & Chaub.) Hand.-Mazz. = **L. rigidum****multiflorum** Lam.

Short-lived perennial or annual. Graminoid. Ht 0.2–0.8 m.
 Alt 35–2400 m. LIM, NW, G, M, FS, KZN, NC,
 WC, EC

multiflorum Lam. × **L. perenne** L.

Short-lived perennial or annual. Graminoid. Ht up to 1 m.
 Alt 5–2200 m. NW, FS, KZN, L, WC, EC

perenne L.

Perennial. Graminoid. Ht up to 0.9 m. Alt 60–2300 m. G, M,
 FS, KZN, L, NC, WC, EC

rigidum Gaudin

L. loliaceum (Bory & Chaub.) Hand.-Mazz. (2)

Annual. Graminoid. Ht 0.1–0.5 m. Alt 2–1000 m. N, NW,
 KZN, NC, WC, EC

temulentum L.

Annual. Graminoid. Ht up to 0.9 m. Alt 100–1400 m. NW,
 G, M, FS, KZN, L, NC, WC, EC

LOPHACME Stapf 9903520

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 127, 128.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 203, 204.
- (3) Cope. 1999. *FZ* 10,2: 39–41.

digitata Stapf

Perennial. Graminoid. Ht 0.17–0.57 m. Alt 900–1500 m.
 LIM, G, M, FS, KZN

***LOPHOCHLOA** Rchb. 9903741

- (1) Jonsell. 1980. *Flora europaea* 5: 220.
- (2) Clayton & Renvoize. 1986. *Kew Bulletin*, Additional Series 13: 128 (under *Rostraria*).
- (3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 204, 205.

cristata (L.) Hyl.*Koeleria phleoides* (Vill.) Pers. (1)

Annual. Graminoid. Ht 0.05–0.4 m. Alt 5–600 m. NC, WC, EC

pumila (Desf.) Bor*Trisetaria pumila* (Desf.) Maire (3)*Trisetum pumilum* (Desf.) Kunth (1)

Annual. Graminoid. Ht 0.04–0.4 m. Alt 30–1100 m. NC, WC

LOUDETIA Hochst. ex Steud. 9901751(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 279–285.(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 205–207.(3) Cope. 1999. *FZ* 10,2: 216–220.*anomala* C.E.Hubb. & Schweick. = **Danthoniopsis ramosa****densispica** (Rendle) C.E.Hubb.

Perennial. Graminoid. Ht up to 0.9 m. Alt 800–1800 m. M, S

filifolia Schweick.

Perennial. Graminoid. Ht up to 0.6 m. Alt 150–400 m. LIM, M, S

flavida (Stapf) C.E.Hubb.

Perennial. Graminoid. Ht up to 1.5 m. Alt 400–2000 m. B, LIM, NW, G, M, KZN

lanata (Stent & J.M.Ratray) C.E.Hubb.

Perennial. Graminoid. Ht up to 1 m. Alt ± 1000 m. N

pedicellata (Stent) Chippind.

Perennial. Graminoid. Ht up to 1.6 m. Alt ?–1400 m. LIM, NW

ramosa (Stapf) C.E.Hubb. = **Danthoniopsis ramosa****simplex** (Nees) C.E.Hubb.

Perennial. Graminoid. Ht up to 1.5 m. Alt 30–2300 m. LIM, NW, G, M, S, FS, KZN, EC

superba De Not. = **Tristachya superba****MEGALOPROTACHNE** C.E.Hubb. 9900881(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 422, 423.(2) Roivainen. 1974. *Annales Botanici Fennici* 11: 38–42.(3) Clayton. 1989. *FZ* 10,3: 130–133.(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 207, 208.**albescens** C.E.Hubb.*M. glabrescens* Roiv. (3)

Annual. Graminoid. Ht 0.5–0.8 m. Alt 100–1100 m. N, B, LIM, NW, NC

glabrescens Roiv. = **M. albescens****MEGASTACHYA** P.Beauv. 9903881(1) Clayton. 1970. *FTEA* Gramineae (Part 1): 161–163.(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 208.**mucronata** (Poir.) P.Beauv.

Annual or weak perennial. Graminoid. Ht up to 0.9 m. Alt 6–800 m. KZN

MELICA L. 9903860(1) Gibbs Russell & Ellis. 1982. *Bothalia* 14: 37–44.(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 209, 210.*bolusii* Stapf = **M. racemosa***brevifolia* Stapf = **M. racemosa***decumbens* in sense of Gordon-Gray, not of Thunb., misapplied name = **M. racemosa****decumbens** Thunb.*M. neesii* Stapf (1)

Perennial. Graminoid. Ht 0.3–0.5 m. Alt 500–2000 m. FS, L, NC, WC, EC

neesii Stapf = **M. decumbens***ovalis* Nees = **M. racemosa***pumila* Stapf = **M. racemosa****racemosa** Thunb.*M. bolusii* Stapf (1)*M. brevifolia* Stapf (1)*M. decumbens* in sense of Gordon-Gray, not of Thunb., misapplied name (1)*M. ovalis* Nees (1)*M. pumila* Stapf (1)

Perennial. Graminoid. Ht 0.3–0.5 m. Alt 5–1500 m. G?, M, FS, KZN, L, NC, WC, EC

MELINIS P.Beauv. 9901340(1) Chippindall. 1943. *The Flowering Plants of South Africa* 23: t. 914.(2) Zizka. 1988. *Bibliotheca Botanica* 138: 1–149.(3) Zizka. 1989. *FZ* 10,3: 113–128.(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 210–213.(5) Lebrun & Stork. 1995. *Énumération des plantes à fleurs d'Afrique tropicale* 3: 260, 261.**ambigua** Hack. subsp. **ambigua**

Perennial. Graminoid. Ht up to 1.5 m. Alt 1600–2000 m. N?

drakensbergensis (C.E.Hubb. & Schweick.) Clayton*Rhynchelytrum drakensbergense* C.E.Hubb. & Schweick. (2)

Perennial. Graminoid. Ht 0.5–0.55 m. Alt 1800–2000 m. M

kallimorpha (Clayton) Zizka*Rhynchelytrum kallimorphon* Clayton (2)

Annual, occ. perennial. Graminoid. Ht up to 1 m. Alt 900–1200 m. N, B

longiseta (A.Rich.) Zizka subsp. **bellespicata** (Rendle)

Zizka

Rhynchelytrum bellespicatum (Rendle) Stapf & C.E.Hubb. (2)

Perennial. Graminoid. Ht up to 1 m. Alt 900–2000 m. N, B, LIM, M

longiseta (A.Rich.) Zizka subsp. **longiseta***Rhynchelytrum longisetum* (A.Rich.) Stapf & C.E.Hubb. (2)*Rhynchelytrum minutiflorum* (Rendle) Stapf & C.E.Hubb. var. *melinoides* (Stent) Stapf & C.E.Hubb. (2)

Perennial. Graminoid. Ht up to 1 m. Alt 800–1000 m. N

macrochaeta Stapf & C.E.Hubb.

Annual, occ. perennial. Graminoid. Ht up to 1.5 m. Alt 900–1400 m. LIM, S, KZN

minutiflora P.Beauv.*M. tenuinervis* (Stapf) Stapf (2)

Perennial. Graminoid. Ht up to 1.5 m. Alt 400–1600 m. LIM, M, S, KZN

nerviglumis (Franch.) Zizka*Rhynchelytrum nerviglume* (Franch.) Chiov. (2)*Rhynchelytrum nyassanum* (Mez) Stapf & C.E.Hubb. (2)*Rhynchelytrum ramosum* Stapf & C.E.Hubb. (2)*Rhynchelytrum rhodesianum* (Rendle) Stapf & C.E.Hubb. (2)*Rhynchelytrum setifolium* (Stapf) Chiov. (2)

Perennial. Graminoid. Ht up to 1.5 m. Alt 5–2400 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

repens (Willd.) Zizka subsp. **grandiflora** (Hochst.) Zizka*Rhynchelytrum brevopilum* (Hack.) Chiov. (2)*Rhynchelytrum costatum* Stapf & C.E.Hubb. (2)*Rhynchelytrum grandiflorum* Hochst. (2)*Rhynchelytrum suberostratum* Stapf & C.E.Hubb. (2)*Rhynchelytrum villosum* (Parl.) Chiov. (2)

Annual, occ. perennial. Graminoid. Ht up to 0.9 m. Alt 200–2600 m. N, B, LIM, NW, G, FS, NC, WC?, EC

repens (Willd.) Zizka subsp. **repens**

Rhynchelytrum repens (Willd.) C.E.Hubb. (2)

Annual, occ. perennial. Graminoid. Ht up to 1.5 m. Alt 30–2400 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

scabrida (K.Schum.) Hack.

Rhynchelytrum scabridum (K.Schum.) Chiov. (2)

Perennial. Graminoid. Ht up to 1 m. Alt 900–2000 m. LIM

subglabra Mez

Rhynchelytrum subglabrum (Mez) Stapf & C.E.Hubb. (2)

Perennial. Graminoid. Ht up to 1.3 m. Alt 900–1200 m. N?, M

tenuinervis (Stapf) Stapf = **M. minutiflora**

tenuissima Stapf

Perennial. Graminoid. Ht up to 1.4 m. Alt 600–900 m. LIM

MERXMUELLERA Conert 9902043

(1) Conert. 1970. *Senckenbergiana Biologica* 51: 129–133.

(2) Conert. 1971. *Mitteilungen der Botanischen Staatssammlung München* 10: 306.

(3) Roessler & Merxmüller. 1982. *Mitteilungen der Botanischen Staatssammlung München* 18: 198, 199.

(4) Clayton & Renvoize. 1986. *Kew Bulletin*, Additional Series 13: 175 (included in *Rytidosperma* Steud.).

(5) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 213–218.

(6) Barker & Ellis. 1991. *Bothalia* 21: 27–34.

(7) Barker. 1999. *South African Journal of Botany* 65: 104–109.

(8) Cope. 1999. *FZ* 10,2: 7–9 (as *Rytidosperma*).

arundinacea (P.J.Bergius) Conert

Danthonia arundinacea (P.J.Bergius) Schweick. (1)

Perennial. Graminoid. Ht 1–1.2 m. Alt 200–1200 m. NC, WC, EC

aureocephala (J.G.Anderson) Conert

Danthonia aureocephala J.G.Anderson (1)

Perennial. Graminoid. Ht up to 0.9 m. Alt 2000–2800 m. KZN

cincta (Nees) Conert subsp. **cincta**

Danthonia cincta Nees in part (1)

Perennial. Graminoid. Ht 1–2 m. Alt 5–1200 m. WC, EC

cincta (Nees) Conert subsp. **sericea** N.P.Barker

Danthonia cincta Nees in part (1)

Perennial. Graminoid. Ht up to 2.5 m. Alt 25–400 m. EC

davyi (C.E.Hubb.) Conert

Danthonia davyi C.E.Hubb. (1)

Perennial. Graminoid. Ht up to 1 m. Alt 1700–1800 m. M

decora (Nees) Conert

Danthonia zeyheriana Steud. var. *trichostachya* Stapf (2)

Danthonia zeyheriana Steud. var. *zeyheriana* (2)

Perennial. Graminoid. Ht 0.25–0.7 m. Alt 5–1500 m. WC

disticha (Nees) Conert

Danthonia disticha Nees (1)

Perennial. Graminoid. Ht up to 0.7 m. Alt 120–3300 m. FS, KZN, L, WC, EC

drakensbergensis (Schweick.) Conert

Danthonia drakensbergensis Schweick. (1)

Perennial. Graminoid. Ht up to 1 m. Alt 2400–3500 m. M, FS, KZN, L, EC

dura (Stapf) Conert

Danthonia dura Stapf (1)

Perennial. Graminoid. Ht 0.6–0.9 m. Alt 700–100 m. NC

guillarmodiae Conert

Perennial. Graminoid. Ht 0.12–0.4 m. Alt 1800–3100 m. FS, KZN, L

lupulina (Thunb.) Conert

Danthonia lupulina (Thunb.) P.Beauv. ex Roem. & Schult. (2)

Perennial. Graminoid. Ht up to 0.4 m. Alt 20–700 m. WC

macowanii (Stapf) Conert

Danthonia macowanii Stapf (1)

Perennial. Graminoid. Ht up to 1.3 m. Alt 700–2700 m. M, FS, KZN, L, EC

papposa (Nees) Conert

Danthonia papposa Nees (1)

Perennial. Graminoid. Ht up to 0.5 m. Alt 200–600 m. WC, EC

rangei (Pilg.) Conert

Danthonia rangei Pilg. (1)

Perennial. Graminoid. Ht 0.12–0.3 m. Alt 800–1400 m. N

rufa (Nees) Conert

Danthonia lanata (Schrud.) Schrad. (2)

Danthonia lanata (Schrud.) Schrad. var. *major* Nees (2)

Danthonia macrocephala Stapf (2)

Perennial. Graminoid. Ht up to 0.4 m. Alt 60–2200 m. WC

setacea N.P.Barker

Perennial. Graminoid. Ht up to 0.8 m. Alt 300–1400 m. WC

stereophylla (J.G.Anderson) Conert

Danthonia stereophylla J.G.Anderson (1)

Perennial. Graminoid. Ht up to 0.8 m. Alt 1800–3100 m. M, FS, KZN, L

stricta (Schrud.) Conert

Danthonia stricta Schrad. (1)

Perennial. Graminoid. Ht 0.3–0.8 m. Alt 5–3300 m. N, KZN, L, NC, WC, EC

MICROCHLOA R.Br. 9902940

(1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 218, 219.

(2) Cope. 1999. *FZ* 10,2: 229–233.

caffra Nees

Perennial. Graminoid. Ht up to 0.5 m. Alt 60–2900 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

indica (L.f.) P.Beauv.

M. setacea R.Br. (1)

Annual. Graminoid. Ht up to 0.2 m. Alt 600–1500 m. N, B

kunthii Desv.

Perennial. Graminoid. Ht up to 0.6 m. Alt 200–2000 m. N, B, LIM, NW, G, M, S?, FS, KZN, NC, EC

setacea R.Br. = **M. indica**

***MICROLAENA** R.Br. 9901610

(1) Chapman. 1991. *Australian Flora and Fauna* series 14: 1998.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 219, 220.

stipoides (Labill.) R.Br.

Ehrharta stipoides Labill. (1)

Perennial. Graminoid. Ht 0.3–0.5 m. Alt 1200–1400 m. KZN

MICROSTEGIUM Nees 9900550

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 715–718.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 220.

capense (Hochst.) A.Camus = **M. nudum**

nudum (Trin.) A.Camus

M. capense (Hochst.) A.Camus (1)

Annual. Graminoid. Trailing up to 0.6 m. Alt 150–1400 m. LIM, M, KZN, WC?, EC

- MISCANTHIDIUM** Stapf 9900400
capensis Nees var. *capensis* = **Miscanthus capensis**
capensis Nees var. *villosa* Stapf = **Miscanthus capensis**
erectum Stent = **Miscanthus capensis**
junceum (Stapf) Stapf = **Miscanthus junceus**
sorghum Stent = **Miscanthus capensis**
teretifolium (Stapf) Stapf = **Miscanthus junceus**
- MISCANTHUS** Andersson 9900380
(1) Clayton & Renvoize. 1986. *Kew Bulletin*, Additional Series 13: 332.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 221.
- capensis** (Nees) Andersson
Miscanthidium capensis Nees var. *capensis* (2)
Miscanthidium capensis Nees var. *villosa* Stapf (2)
Miscanthidium erectum Stent (2)
Miscanthidium sorghum Stent (2)
Perennial. Graminoid. Ht up to 2.4 m. Alt 50–2500 m. S?,
FS, KZN, L, NC, EC
- junceus** (Stapf) Pilg.
Miscanthidium junceum (Stapf) Stapf (2)
Miscanthidium teretifolium (Stapf) Stapf (2)
Perennial. Graminoid. Ht up to 1.8 m. Alt 75–1800 m. N,
B, LIM, NW, G, M, S, KZN, EC
- MONELYTRUM** Hack. ex Schinz 9902750
(1) Launert. 1970. *FSWA* 160: 131, 132.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 222.
- annuum** Gooss. = **M. luederitzianum**
- luederitzianum** Hack.
M. annum Gooss. (1)
Annual or perennial. Graminoid. Ht 0.5–0.8 m. Alt 50–2000
m. N
- MONERMA** of author 9904422
Note: this genus name is an illegitimate/ superfluous name for *Lepturus*
and was wrongly applied for this taxon.
- cylindrica* of author, not of (Willd.) Coss. & Durieu =
Hainardia cylindrica
- MONOCYMBIUM** Stapf 9900750
(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 515, 516.
(2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 823–825.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 222, 223.
- ceresiiforme** (Nees) Stapf
Perennial. Graminoid. Ht up to 1 m. Alt 30–2300 m. N,
B, LIM, NW, G, M, S, FS, KZN, L, EC
- MOSDENIA** Stent 9902741
(1) Clayton. 1971. *Kew Bulletin* 25: 250, 251.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 223, 224.
- leptostachys** (Ficalho & Hiern) Clayton
M. phleoides (Hack.) Stent (1)
Perennial. Graminoid. Ht 0.35–0.9 m. Alt 700–1300 m.
LIM, NW, G, M
- phleoides* (Hack.) Stent = **M. leptostachys**
- *NASSELLA** (Trin.) E.Desv. 9902650
(1) Caro. 1966. *Kurtziana* 3: 7–119.
(2) Barkworth. 1990. *Taxon* 39: 597–614.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 224, 225.
- neesiana** (Trin. & Rupr.) Barkworth
Stipa neesiana Trin. & Rupr. (2)
Perennial. Graminoid. Ht up to 1 m. Alt 600–1700 m. FS,
EC
- tenuissima** (Trin.) Barkworth
Stipa tenuissima Trin. (2)
Perennial. Graminoid. Ht up to 1 m. Alt 2000–2600 m. EC
- trichotoma** (Nees) Hack. ex Arechav.
Stipa trichotoma Nees (2)
Perennial. Graminoid. Ht 0.25–0.65 m. Alt 100–1600 m.
WC, EC
- ODONTELYTRUM** Hack. 9901430
(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 668.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 225.
- abyssinicum** Hack.
Perennial. Graminoid. Ht up to 1 m. Alt 1700–1900 m. M,
KZN?
- ODYSSEA** Stapf 9903451
(1) Clayton *et al.* 1974. *FTEA* Gramineae (Part 2): 286–288.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 225, 226.
- paucinervis** (Nees) Stapf
Diplachne cinerea Hack. (1)
Perennial. Graminoid. Ht up to 0.75 m. Alt 1–1500 m. N,
B, LIM, NW, NC, WC
- *?OLYRA** L. 9901660
(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 453.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 226, 227.
- latifolia** L.
Perennial. Graminoid, erect or scrambler. Ht up to 5 m.
Alt 10–500 m. KZN, EC
- OPLISMENUS** P.Beauv. 9901150
(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 541–544.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 227, 228.
- burmannii** (Retz.) P.Beauv.
Annual. Graminoid. Trailing up to 0.25 m. Alt 900–1000
m. N, B, LIM
- hirtellus** (L.) P.Beauv.
Perennial. Graminoid. Trailing up to 1 m. Alt 10–1600 m.
LIM, NW, M, S, KZN, WC, EC
- undulatifolius** (Ard.) Roem. & Schult.
Perennial. Graminoid. Trailing, 0.15–0.5 m. Alt 15–2200
m. B, LIM, M, S, KZN, WC, EC
- OROPETIUM** Trin. 9903200
(1) Clayton *et al.* 1974. *FTEA* Gramineae (Part 2): 306, 307.
(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 228, 229.
(3) Cope. 1999. *FZ* 10,2: 32–34.
- capense** Stapf
Perennial. Graminoid. Ht 0.02–0.17 m. Alt 90–2500 m.
N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC
- ORYZA** L. 9901580
(1) Clayton. 1970. *FTEA* Gramineae (Part 1): 28–31.
(2) Launert. 1971. *FZ* 10,1: 31–36.
(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 229, 230.

barthii A.Chev.

Annual. Graminoid. Ht up to 1.5 m. Alt 900–1000 m. B
barthii of author, not of A.Chev., concept invalid = **O. longistaminata**

longistaminata A.Chev. & Roehr.

O. barthii of author, not of A.Chev., concept invalid (1)
Perennial. Graminoid. Ht up to 2.5 m. Alt 900–1100 m.
N, B, LIM

punctata Steud.

Annual or perennial. Graminoid. Ht up to 1.5 m. Alt
75–300 m. S, KZN

ORYZIDIUM C.E.Hubb. & Schweick. 9901142

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 425, 426.
- (2) Launert. 1970. *FSWA* 160: 134, 135.
- (3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 230.

barnardii C.E.Hubb. & Schweick.

Perennial. Graminoid. Ht or floating, up to 1.5 m. N, B

OXYRHACHIS Pilg. 9900341

- (1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 855, 856.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 231, 232.

gracillima (Baker) C.E.Hubb.

Perennial. Graminoid. Ht up to 0.6 m. Alt 50–100 m.
KZN, EC

OXYTENANTHERA Munro 9904770

- (1) Clayton. 1970. *FTEA* Gramineae (Part 1): 11–13.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 232.

abyssinica (A.Rich.) Munro

Perennial. Graminoid. Ht up to 10 m. Alt ± 1400 m. LIM
Note: there is some disagreement on the identification but
until the plant flowers, positive identification cannot
be made.

PANICUM L. 9901160

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 321–339.
- (2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 461–499.
- (3) Webster. 1987. *The Australian Paniceae (Poaceae)*: 241, 242.
- (4) Renvoize. 1989. *FZ* 10,3: 9–40.
- (5) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 233–243.
- (6) Smook & Ellis. 1993. *Bothalia* 23: 59–64.
- (7) Lebrun & Stork. 1995. *Énumération des plantes à fleurs d'Afrique tropicale* 3: 265–268.

aequinerve Nees

Annual or short-lived perennial. Graminoid, scrambler. Ht
up to 1 m. Alt 60–1900 m. LIM, M, S, KZN, EC

aphanoneurum Steud. = **P. fluviicola****arbusculum** Mez

Perennial. Graminoid. Ht 0.4–0.9 m. Alt 600–1100 m. N,
NC

arcurameum Stapf

Annual. Graminoid. Ht 0.15–0.6 m. Alt 600–1500 m. N,
B, LIM, G, NC

atrosanguineum A.Rich.

Annual. Graminoid. Ht 0.1–0.4 m. Alt 600–1000 m. B

bechuanense Bremek. & Oberm.

Perennial. Graminoid. Ht up to 0.7 m. Alt 600–1100
m. N, B

chusqueoides Hack. = **Brachiaria chusqueoides**

coloratum L. var. **coloratum**

P. coloratum L. var. *makarikariense* Gooss. (2)
Perennial. Graminoid. Ht up to 1 m. Alt 4–2300 m. N,
B, LIM, NW, G, M, S, FS, KZN, NC, EC

coloratum L. var. *makarikariense* Gooss. = **P. coloratum** var. **coloratum**

comorense Mez

Annual. Graminoid. Ht or trailing up to 1.1 m. Alt 300–
600 m. S

deustum Thunb.

Perennial. Graminoid. Ht up to 2.5 m. Alt 5–2400 m. B,
LIM, G, M, S, FS, KZN, WC, EC

dewinteri J.G.Anderson

Perennial. Graminoid. Ht up to 1 m. Alt 400–1900 m.
LIM

dregeanum Nees

Perennial. Graminoid. Ht up to 1.3 m. Alt 5–1700 m. B,
LIM, M, S, KZN, EC

ecklonii Nees

Perennial. Graminoid. Ht up to 0.8 m. Alt 30–2500 m.
LIM, M, S, FS, KZN, L, EC

filiculme Schinz = **P. hymeniochilum**

fluviicola Steud.

P. aphanoneurum Steud. (4)
Perennial. Graminoid. Ht up to 2.3 m. Alt 50–1000 m.
N, B, KZN

fulgens Stapf, misapplied name = **P. natalense**

funaense Vanderyst

Perennial. Graminoid. Ht 0.4–2 m. Alt 600–1100 m. B

genuflexum Stapf

Perennial. Graminoid. Ht up to 1 m. Alt 45–60 m. KZN

gilvum Launert

P. laevifolium Hack. var. *contractum* Pilg. (5)
Annual. Graminoid. Ht up to 0.8 m. Alt 200–1900 m. N,
B, LIM, NC

glabrescens Steud. = **P. subalbidum**

glandulopaniculatum Renvoize

Annual. Graminoid. Trailing or scrambler up to 1 m.
Alt 2–100 m. KZN

graniflorum Stapf

Perennial. Graminoid. Ht up to 1.5 m. Alt ± 1000 m. B

heterostachyum Hack.

Annual. Graminoid. Ht up to 0.8 m. Alt 55–1400 m. N, B,
LIM, M

hians Elliott = **Steinchisma hians**

hymeniochilum Nees

P. filiculme Schinz (4)
P. hymeniochilum Nees var. *glandulosum* Nees (2)
Annual. Graminoid. Ht up to 2 m. Alt 5–1600 m. B,
LIM, M, S, KZN, EC

hymeniochilum Nees var. *glandulosum* Nees = **P. hymeniochilum**

impeditum Launert

Annual. Graminoid. Ht 0.2–0.5 m. Alt 800–1300 m. N,
FS, NC

infestum Peters

Perennial. Graminoid. Ht up to 2 m. Alt 90–1000 m.
LIM, M, S, KZN

kalaharensis Mez

Perennial. Graminoid. Ht up to 2.5 m. Alt 300–1400 m. N, B, NW, FS, NC

laevifolium Hack. var. *contractum* Pilg. = **P. gilvum**

laevifolium Hack. var. *laevifolium* = **P. schinzii**

lanipes Mez

Perennial. Graminoid. Ht up to 0.8 m. Alt 600–1950 m. N, B, NC

laticomum Nees

Annual. Graminoid. Ht (erect) or scrambler up to 2 m. Alt 5–1600 m. LIM, S, KZN, EC

madripirensis Mez

Annual. Graminoid. Ht up to 1.2 m. Alt ± 1000 m. B

maximum Jacq.

Perennial. Graminoid. Ht up to 2.5 m. Alt 20–2100 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

meyerianum Nees var. *grandeglume* Stent & J.M.Ratray = **Eriochloa meyeriana** subsp. **grandiglumis**

meyerianum Nees var. *meyerianum* = **Eriochloa meyeriana** subsp. **meyeriana**

***miliaceum** L.

Annual. Graminoid. Ht up to 0.12 m. Alt 600–1500 m. B, LIM, NW, G, L

monticola Hook.f.

Perennial. Graminoid. Ht up to 1 m. Alt 900–1400 m. LIM

natalense Hochst.

P. fulgens Stapf, misapplied name (5)

Perennial. Graminoid. Ht up to 0.8 m. Alt 2–2200 m. LIM, NW, G, M, S, FS, KZN, EC

novemnerve Stapf

Annual. Graminoid. Ht 0.25–0.6 m. Alt 600–1500 m. N, B, LIM, KZN, WC

obumbratum Stapf = **Brachiaria chusqueoides**

parvifolium Lam.

Perennial. Graminoid, erect or scrambler. Ht up to 1.7 m. Alt 1–1100 m. B, KZN, EC

pilgerianum (Schweick.) Clayton

Acroceras pilgerianum Schweick. (4)

Psilochloa pilgeriana (Schweick.) Launert (4)

Annual. Graminoid. Ht up to 2 m. Alt 600–1500 m. N, B

porphyrrhizos Steud.

Perennial. Graminoid. Ht up to 2 m. Alt 600–1000 m. B

repens L.

Perennial. Graminoid. Ht up to 1 m. Alt 1–1700 m. N, B, LIM, NW, G, M, KZN, WC, EC

repentellum Napper

Perennial. Graminoid. Ht 0.2–0.9 m. Alt 600–1500 m. N, B, LIM, G, M, FS

schinzii Hack.

P. laevifolium Hack. var. *laevifolium* (5)

Annual. Graminoid. Ht up to 0.9 m. Alt 200–2300 m. N?, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

simulans Smook

Annual. Graminoid. Ht 0.01–1.2 m. Alt 600–1500 m. N

stapfianum Fourc.

Perennial. Graminoid. Ht up to 0.9 m. Alt 100–1700 m. N, B, LIM, NW, G, FS, L, NC, WC, EC

subalbidum Kunth

P. glabrescens Steud. (4)

Annual or short-lived perennial. Graminoid. Ht up to 2 m. Alt 4–1500 m. N, B, LIM, G, M, S, KZN, L, WC, EC

subflabellatum Stapf

Perennial. Graminoid. Ht 0.2–0.5 m. Alt 2–1200 m. KZN

trichonode Launert & Renvoize

Perennial. Graminoid. Ht up to 1.2 m. Alt 600–1000 m. N, B

volutans J.G.Anderson

Annual. Graminoid. Ht up to 0.75 m. Alt 900–1600 m. LIM, NW, G, M, KZN

***PARAPHOLIS** C.E.Hubb. 9904431

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 73.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 243.

(3) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 168, 169.

incurva (L.) C.E.Hubb.

Annual. Graminoid. Ht 0.06–0.3 m. Alt 5–900 m. NC, WC, EC

PARATHERIA Griseb. 9901420

(1) Launert. 1970. *FSWA* 160: 143.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 243, 244.

prostrata Griseb.

Perennial. Graminoid. Ht 0.15–0.45 m. Alt 800–1000 m. N

PASPALIDIUM Stapf 9901090

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 365–367.

(2) Clayton & Renvoize. 1982. *FTEA Gramineae* (Part 3): 551–554.

(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 244, 245.

(4) Veldkamp. 1994. *Blumea* 39: 373–384.

(5) Webster. 1995. *Sida* 16: 439–446.

geminatum (Forssk.) Stapf

Perennial. Graminoid. Ht 0.1–0.6 m. Alt 300–1200 m. N, KZN?

obtusifolium (Delile) N.D.Simpson

P. platyrrhachis C.E.Hubb. (2)

Perennial. Graminoid. Ht 0.3–0.6 m. Alt 50–1200 m. N, B, LIM, KZN

platyrrhachis C.E.Hubb. = **P. obtusifolium**

PASPALUM L. 9901070

(1) De Winter & Vorster. 1974. *Bothalia* 11: 295.

(2) Clayton & Renvoize. 1980. *Taxon* 29: 339, 340.

(3) Clayton & Renvoize. 1982. *FTEA Gramineae* (Part 3): 607–612.

(4) Brummitt. 1983. *Taxon* 32: 281.

(5) Clayton. 1989. *FZ* 10,3: 88–91.

(6) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 245–247.

auriculatum J.Presl & C.Presl = **P. scrobiculatum**

commersonii Lam. = **P. scrobiculatum**

***dilatatum** Poir.

Perennial. Graminoid. Ht 0.3–1.8 m. Alt 5–2200 m. LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

distichum L.

P. paspalodes (Michx.) Scribn. (5)

Perennial. Graminoid. Ht 0.1–0.6 m. Alt 1–1815 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

***notatum** Flügge

Perennial. Graminoid. Ht 0.1–0.6 m. Alt 600–1800 m. LIM, G, S, KZN, L, WC

- orbiculare* G.Forst. = **P. scrobiculatum**
paspalodes (Michx.) Scribn. = **P. distichum**
polystachyum R.Br. = **P. scrobiculatum**
scrobiculatum L.
P. auriculatum J.Presl & C.Presl (5)
P. commersonii Lam. (3)
P. orbiculare G.Forst. (3)
P. polystachyum R.Br. (32)
 Perennial. Graminoid. Ht up to 0.7 m. Alt 8–2000 m. N, B, LIM, NW?, G, M, S, FS, KZN, NC, WC, EC
***urvillei** Steud.
 Perennial. Graminoid. Ht up to 2.5 m. Alt 10–2000 m. LIM, NW, G, M, S, KZN, WC, EC
vaginatatum Sw.
 Perennial. Graminoid. Ht 0.3–0.6 m. Alt 1–1700 m. N, KZN, WC, EC

PENNISETUM Rich. 9901390

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 439–448.
 (2) Brunken. 1977. *American Journal of Botany* 64: 161–176.
 (3) Clayton & Renvoize. 1982. *FTEA Gramineae* (Part 3): 672–690.
 (4) Clayton. 1989. *FZ* 10,3: 178–186.
 (5) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 247–250.
 (6) Henderson. 2001. *Alien weeds and invasive plants*: 15–17.

albicauda Stapf & C.E.Hubb. = **P. glaucum**

americanum (L.) Leeke subsp. *americanum* = **P. glaucum**

***clandestinum** Hochst. ex Chiov.

Perennial. Graminoid, often mat-forming. Ht up to 1.2 m. Alt 100–1700 m. N, LIM, NW, G, M, S, KZN, WC, EC

echinurus (K.Schum.) Stapf & C.E.Hubb. = **P. glaucum**

foermerianum Leeke

Perennial. Graminoid. Ht 0.2–0.6 m. Alt 500–2000 m. N

glaucocladum Stapf & C.E.Hubb.

Perennial. Graminoid. Ht 1–3 m. Alt 300–1200 m. N, B, LIM, KZN

***glaucum** (L.) R.Br.

- P. albicauda* Stapf & C.E.Hubb. (5)
P. americanum (L.) Leeke subsp. *americanum* (5)
P. echinurus (K.Schum.) Stapf & C.E.Hubb. (5)
P. nigritarum (Schltdl.) T.Durand & Schinz (5)
P. typhoides (Burm.f.) Stapf & C.E.Hubb. (4)
Setaria lutescens (Weigel) F.T.Hubb. (4)

Annual. Graminoid. Ht up to 3 m. Alt 5–1200 m. N, B, LIM, G, M, KZN

macrourum Trin.

Perennial. Graminoid. Ht 0.8–2.5 m. Alt 9–2100 m. LIM, NW?, G, M, S, KZN, L, NC?, WC, EC

mezianum Leeke

P. stapfianum F.Bolus (5)
 Perennial. Graminoid. Ht up to 0.6 m. Alt 900–1500 m. N, LIM

natalense Stapf

Perennial. Graminoid. Ht up to 2 m. Alt 200–1600 m. LIM, M, S, KZN

nigritarum (Schltdl.) T.Durand & Schinz = **P. glaucum**

***purpureum** Schumach.

Perennial. Graminoid. Ht up to 7.5 m. Alt 100–900 m. LIM, G, M, S, KZN, WC

***setaceum** (Forssk.) Chiov.

Perennial. Graminoid. Ht up to 1.3 m. Alt 16–1500 m. N, LIM, G, M, FS, KZN, WC, EC

sphacelatum (Nees) T.Durand & Schinz

- P. sphacelatum* (Nees) T.Durand & Schinz var. *sphacelatum* (5)
P. sphacelatum (Nees) T.Durand & Schinz var. *tenuifolium* (Hack.) Stapf (5)

Perennial. Graminoid. Ht up to 1 m. Alt 40–3000 m. G, M, S, FS, KZN, L, WC, EC

sphacelatum (Nees) T.Durand & Schinz var. *sphacelatum* = **P. sphacelatum**

sphacelatum (Nees) T.Durand & Schinz var. *tenuifolium* (Hack.) Stapf = **P. sphacelatum**

stapfianum F.Bolus = **P. mezianum**

thunbergii Kunth

Perennial. Graminoid. Ht up to 0.8 m. Alt 25–2600 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

typhoides (Burm.f.) Stapf & C.E.Hubb. = **P. glaucum**

unisetum (Nees) Benth.

- Beckeropsis uniseta* (Nees) K.Schum. (3)
 Perennial. Graminoid. Ht up to 4 m. Alt 50–1400 m. M, KZN

***villosum** R.Br. ex Fresen.

Perennial. Graminoid. Ht 0.2–0.9 m. Alt 600–1700 m. G, M, FS, KZN, L, NC, EC

PENTAMERIS P.Beauv. 9902080

- (1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 251–253.
 (2) Barker. 1993. *Bothalia* 23: 25–47.

distichophylla (Lehm.) Nees

- P. dregeana* Stapf (2)
 Perennial. Graminoid. Ht up to 1.2 m. Alt 150–2000 m. NC, WC, EC

dregeana Stapf = **P. distichophylla**

glacialis N.P.Barker

Perennial. Graminoid. Ht up to 0.55 m. Alt ± 1800 m. WC

hirtiglumis N.P.Barker

Perennial. Graminoid. Ht 0.2–0.75 m. Alt ± 1550 m. WC

longiglumis (Nees) Stapf subsp. **gymnocolea** N.P.Barker

Perennial. Graminoid. Ht up to 1.4 m. Alt 500–810 m. WC

longiglumis (Nees) Stapf subsp. **longiglumis**

Perennial. Graminoid. Ht up to 1.4 m. Alt 300–500 m. WC

macrocalycina (Steud.) Schweick.

Perennial. Graminoid. Ht up to 1.1 m. Alt 30–2300 m. NC?, WC, EC

obtusifolia (Hochst.) Schweick. = **Pseudopentameris obtusifolia**

oreophila N.P.Barker

Perennial. Graminoid. Ht up to 0.6 m. Alt ± 1830 m. WC

squarrosa Stapf = **Pseudopentameris obtusifolia**

swartbergensis N.P.Barker

Perennial. Graminoid. Ht up to 0.56 m. Alt 1500–2000 m. WC, EC

thuarii P.Beauv.

Perennial. Graminoid. Ht up to 1.65 m. Alt 5–1600 m. WC

uniflora N.P.Barker

Perennial. Graminoid. Ht up to 0.65 m. Alt 1200–1300 m. WC

PENTASCHISTIS (Nees) Spach 9902050

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 254–270.
 (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 253–265.

- (3) Linder & Ellis. 1990. *Contributions from the Bolus Herbarium* 12: 1–124.
- (4) Linder. 1991. *The Flowering Plants of Africa* 51: tt. 2038, 2039.
- acinosa** Stapf
Perennial. Graminoid. Ht 0.15–0.3 m. Alt 45–1600 m. WC
- airoides** (Nees) Stapf subsp. **airoides**
P. patula (Nees) Stapf var. *glabrata* Stapf (3)
Annual. Graminoid. Ht 0.06–0.35 m. Alt 60–2200 m. N, FS, L, NC, WC, EC
- airoides** (Nees) Stapf subsp. **jugorum** (Stapf) H.P.Linder
P. jugorum Stapf (3)
Biennial. Graminoid. Ht 0.06–0.35 m. Alt 1400–2600 m. FS, L, WC, EC
- alticola** H.P.Linder
Biennial. Graminoid. Ht 0.1–0.3 m. Alt 900–2200 m. WC
- ampla** (Nees) McClean
Perennial. Graminoid. Ht 0.4–0.7 m. Alt 20–2300 m. NC?, WC, EC
- angulata* (Nees) Adamson = **P. tortuosa**
- angustifolia* (Nees) Stapf var. *albescens* Stapf = **P. pallida**
- angustifolia* (Nees) Stapf var. *angustifolia* = **P. pallida**
- angustifolia* (Nees) Stapf var. *cirrhulosa* (Nees) Stapf = **P. cirrhulosa**
- angustifolia* (Nees) Stapf var. *micrathera* (Nees) Stapf = **P. glandulosa**
- argentea** Stapf
Perennial. Graminoid. Ht 0.3–0.8 m. Alt 5–1220 m. WC
- aristoides** (Thunb.) Stapf
Perennial. Graminoid. Ht up to 1 m. Alt 15–1400 m. NC, WC
- aristifolia** Schweick.
Annual. Graminoid. Ht up to 0.25 m. Alt 700–1500 m. NC
- aspera** (Thunb.) Stapf
Perennial. Graminoid. Ht 0.3–0.6 m. Alt 15–920 m. WC
- aurea** (Steud.) McClean subsp. **aurea**
Perennial. Graminoid. Ht 0.3–0.45 m. Alt 550–1900 m. WC
- aurea** (Steud.) McClean subsp. **pilosogluma** (McCLean) H.P.Linder
P. pilosogluma McClean (3)
Perennial. Graminoid. Ht 0.6–0.7 m. Alt 1700–2900 m. FS, KZN, L, EC
- bachmannii* McClean = **P. ecklonii**
- barbata** (Nees) H.P.Linder subsp. **barbata**
Perennial. Graminoid. Ht 0.3–0.6 m. Alt 5–1220 m. NC?, WC
- barbata** (Nees) H.P.Linder subsp. **orientalis** H.P.Linder
Perennial. Graminoid. Ht 0.3–0.6 m. Alt ± 50 m. WC
- basutorum** Stapf
Perennial. Graminoid. Ht 0.5–0.7 m. Alt 2000–2500 m. FS, L, EC
- brachyathera* Stapf = **P. tomentella**
- burchellii* Stapf = **P. cirrhulosa**
- callicola** H.P.Linder var. **callicola**
Perennial. Graminoid. Ht 0.2–0.3 m. Alt 60–200 m. WC
- callicola** H.P.Linder var. **hirsuta** H.P.Linder
Perennial. Graminoid. Ht 0.2–0.3 m. Alt 100–300 m. WC
- capensis** (Nees) Stapf
Perennial. Graminoid. Ht 0.2–0.35 m. Alt 120–1220 m. WC

- capillaris** (Thunb.) McClean
Annual. Graminoid. Ht 0.08–0.4 m. Alt 30–700 m. NC, WC
- caulescens** H.P.Linder
Perennial. Graminoid. Ht 0.15–0.3 m. Alt 500–900 m. WC
- chippindalliae** H.P.Linder
Perennial. Graminoid. Ht 0.3–0.5 m. Alt 1200–2400 m. LIM, M
- cirrhulosa** (Nees) H.P.Linder
P. angustifolia (Nees) Stapf var. *cirrhulosa* (Nees) Stapf (3)
P. burchellii Stapf (3)
P. patuliflora Rendle (3)
Perennial. Graminoid. Ht 0.15–0.3 m. Alt 15–1700 m. NC, WC
- colorata** (Steud.) Stapf
P. colorata (Steud.) Stapf var. *polytricha* Stapf (3)
Perennial. Graminoid. Ht 0.3–0.6 m. Alt 5–1700 m. WC, EC
- colorata* (Steud.) Stapf var. *polytricha* Stapf = **P. colorata**
- curvifolia** (Schrad.) Stapf
Perennial. Graminoid. Ht 0.4–0.5 m. Alt 10–2400 m. NC, WC, EC
- densifolia** (Nees) Stapf
P. densifolia (Nees) Stapf var. *intricata* Stapf (3)
Perennial. Graminoid. Ht 0.09–0.25 m. Alt 150–2400 m. WC
- densifolia* (Nees) Stapf var. *intricata* Stapf = **P. densifolia**
- ecklonii** (Nees) McClean
P. bachmannii McClean (3)
Perennial. Graminoid. Ht 0.2–0.3 m. Alt 90–100 m. WC
- elegans** (Nees) Stapf
Perennial. Graminoid. Ht 0.2–0.3 m. Alt 50–200 m. WC
- eristoma** (Nees) Stapf
P. juncifolia Stapf (3)
Perennial. Graminoid. Ht 0.3–0.9 m. Alt 100–2000 m. NC, WC, EC
- euadenia* Stapf = **P. patula**
- exserta** H.P.Linder
Perennial. Graminoid. Ht up to 0.6 m. Alt 1700–2800 m. FS, KZN, L, EC
- fibrosa* Stapf = **P. tysonii**
- filiformis* (Nees) Stapf = **P. pallida**
- galpinii** (Stapf) McClean
Perennial. Graminoid. Ht 0.15–0.3 m. Alt 1800–3400 m. FS, KZN, L, EC
- glandulosa** (Schrad.) H.P.Linder
P. angustifolia (Nees) Stapf var. *micrathera* (Nees) Stapf (3)
Perennial. Graminoid. Ht 0.1–0.35 m. Alt 100–2100 m. WC, EC
- heptamera** (Nees) Stapf
Perennial. Graminoid. Ht 0.2–0.3 m. Alt 1–30 m. EC
- holciformis** (Nees) H.P.Linder
Perennial. Graminoid. Ht 0.4–0.6 m. Alt 400–1220 m. WC
- imperfecta* Stapf = **P. pallida**
- involuta* (Steud.) Adamson = **P. pallescens**
- jugorum* Stapf = **P. airoides** subsp. **jugorum**
- juncifolia* Stapf = **P. eristoma**
- lima** (Nees) Stapf
Perennial. Graminoid. Ht up to 0.45 m. Alt 1100–1500 m. NC

longipes Stapf

Perennial. Graminoid. Ht 0.25–0.7 m. Alt ± 25 m. EC

malouinensis (Steud.) Clayton*P. steudelii* (Nees) McClean (3)

Perennial. Graminoid. Ht 0.15–0.3 m. Alt 300–1500 m. NC, WC, EC

microphylla (Nees) McClean

Perennial. Graminoid. Ht up to 0.3 m. Alt 1500–2000 m. EC

montana H.P.Linder

Perennial. Graminoid. Ht 0.15–0.2 m. Alt 150–2200 m. NC, WC

natalensis Stapf

Perennial. Graminoid. Ht 0.4–0.8 m. Alt 1200–2200 m. LIM, M, S, KZN, EC

nutans (Nees) Stapf = **P. tortuosa****oreodoxa** Schweick.

Perennial. Graminoid. Ht 0.2–0.5 m. Alt 2500–3100 m. FS, KZN, L, EC

pallescens (Schrad.) Stapf*P. involuta* (Steud.) Adamson (3)*P. silvatica* Adamson (3)

Perennial. Graminoid. Ht up to 1.2 m. Alt 200–1400 m. WC

pallida (Thunb.) H.P.Linder*P. angustifolia* (Nees) Stapf var. *albescens* Stapf (3)*P. angustifolia* (Nees) Stapf var. *angustifolia* (3)*P. filiformis* (Nees) Stapf (3)*P. imperfecta* Stapf (3)*P. thunbergii* (Kunth) Stapf var. *brevifolia* Stapf (3)*P. thunbergii* (Kunth) Stapf var. *bulbothrix* Stapf (3)*P. thunbergii* (Kunth) Stapf var. *ebarbata* Stapf (3)

Perennial. Graminoid. Ht 0.15–0.4 m. Alt 5–2800 m. NC, WC, EC

papillosa (Steud.) H.P.Linder*P. subulifolia* Stapf (3)*P. zeyheri* Stapf (3)

Perennial. Graminoid. Ht up to 0.4 m. Alt 10–600 m. WC

patula (Nees) Stapf*P. euadenia* Stapf (3)*P. patula* (Nees) Stapf var. *acuta* Stapf (3)

Annual. Graminoid. Ht 0.15–0.3 m. Alt 100–1700 m. NC, WC

patula (Nees) Stapf var. *acuta* Stapf = **P. patula***patula* (Nees) Stapf var. *glabrata* Stapf = **P. airoides** subsp. **airoides***patuliflora* Rendle = **P. cirrhulosa***pilosogluma* McClean = **P. aurea** subsp. **pilosogluma****praecox** H.P.Linder

Perennial. Graminoid. Ht 0.3–0.6 m. Alt 2200–2500 m. L

pseudopallescens H.P.Linder

Perennial. Graminoid. Ht 0.4–0.8 m. Alt 900–1600 m. WC

pungens H.P.Linder

Biennial. Graminoid. Ht 0.2–0.5 m. Alt 200–1600 m. WC

pusilla (Nees) H.P.Linder*Poaegrass pusilla* (Nees) Stapf (3)

Perennial. Graminoid. Ht up to 0.12 m. Alt 60–1900 m. WC

pyrophila H.P.Linder

Perennial. Graminoid. Ht 0.2–0.6 m. Alt 400–1900 m. WC

reflexa H.P.Linder

Biennial. Graminoid. Ht 0.1–0.35 m. Alt 500–1200 m. WC

rigidissima Pilg. ex H.P.Linder

Perennial. Graminoid. Ht 0.1–0.3 m. Alt 900–2100 m. NC, WC, EC

rosea H.P.Linder subsp. **purpurascens** H.P.Linder

Biennial. Graminoid. Ht 0.15–0.4 m. Alt 400–2300 m. WC

rosea H.P.Linder subsp. **rosea**

Biennial. Graminoid. Ht 0.15–0.4 m. Alt 1200–1800 m. WC

rupestris (Nees) Stapf

Perennial. Graminoid. Ht up to 1 m. Alt 200–1400 m. WC

scandens H.P.Linder

Perennial. Graminoid. Ht 0.3–0.5 m. Alt 50–150 m. WC

setifolia (Thunb.) McClean

Perennial. Graminoid. Ht 0.15–0.4 m. Alt 1000–3100 m. FS, KZN, L, EC

silvatica Adamson = **P. pallescens***steudelii* (Nees) McClean = **P. malouinensis***subulifolia* Stapf = **P. papillosa***thunbergii* (Kunth) Stapf, illegitimate name = **P. trisetata***thunbergii* (Kunth) Stapf var. *brevifolia* Stapf = **P. pallida***thunbergii* (Kunth) Stapf var. *bulbothrix* Stapf = **P. pallida***thunbergii* (Kunth) Stapf var. *ebarbata* Stapf = **P. pallida****tomentella** Stapf*P. brachyathera* Stapf (3)

Perennial. Graminoid. Ht 0.1–0.3 m. Alt 600–1800 m. NC, WC

tortuosa (Trin.) Stapf*P. angulata* (Nees) Adamson (3)*P. nutans* (Nees) Stapf (3)

Perennial. Graminoid. Ht up to 1 m. Alt 200–1600 m. WC, EC

trisetata (Thunb.) Stapf*P. thunbergii* (Kunth) Stapf, illegitimate name (3)

Annual. Graminoid. Ht 0.2–0.6 m. Alt 120–700 m. NC, WC

tysonii Stapf*P. fibrosa* Stapf (3)

Perennial. Graminoid. Ht 0.3–0.5 m. Alt 900–2800 m. FS, KZN, EC

velutina H.P.Linder

Perennial. Graminoid. Ht 0.3–0.6 m. Alt 800–900 m. WC

veneta H.P.Linder

Perennial. Graminoid. Ht 0.2–0.4 m. Alt 700–2300 m. NC, WC

viscidula (Nees) Stapf

Perennial. Graminoid, geophyte. Ht 0.2–0.5 m. Alt 100–1700 m. WC

zeyheri Stapf = **P. papillosa*****PERIBALLIA** Trin.

9901870

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 86.(2) Gibbs Russell et al. 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 265.**minuta** (L.) Asch. & Graebn.

Annual. Graminoid. Ht 0.03–0.14 m. Alt 300–1000 m. WC

PEROTIS Aiton

9902800

(1) Clayton et al. 1974. *FTEA* Gramineae (Part 2): 394–399.(2) Gibbs Russell et al. 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 265, 266.(3) Cope. 1999. *FZ* 10,2: 249–253.

leptopus Pilg.

Annual. Graminoid. Ht up to 0.6 m. Alt 600–1700 m. N, B

patens Gand.

Annual or perennial. Graminoid. Ht up to 0.6 m. Alt 15–2800 m. N, B, LIM, NW, G, M, S, FS, KZN

vaginata Hack.

Annual. Graminoid. Ht up to 0.4 m. Alt 300–1200 m. N, B

PHACELURUS Griseb. 9900180

(1) Clayton. 1978. *Kew Bulletin* 33: 175–179.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 266, 267.

franksiae (J.M.Wood) Clayton

Ischaemum franksiae J.M.Wood (1)

Perennial. Graminoid. Ht up to 0.6 m. Alt 1500–1800 m. KZN

***PHALARIS** L. 9901630

(1) Anderson. 1961. *Iowa State Journal Science* 36: 1–96.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 267–269.

(3) Baldini & Jarvis. 1991. *Taxon* 40: 475–485.

(4) Baldini. 1995. *Webbia* 49: 265–329.

angusta Nees ex Trin.

Annual. Graminoid. Ht up to 1.5 m. Alt 30–1700 m. M, KZN, WC, EC

aquatica L.

P. nodosa Murray (4)

P. tuberosa L. (1)

Perennial. Graminoid. Ht up to 1.5 m. Alt 60–1500 m. G, M, FS, WC, EC

arundinacea L.

Perennial. Graminoid. Ht up to 1.5 m. Alt 200–2100 m. G, M, FS, KZN, L, EC

canariensis L.

Annual. Graminoid. Ht 0.3–0.6 m. Alt 10–1700 m. NW, G, M, FS, KZN, L, EC

minor Retz.

Annual. Graminoid. Ht up to 1 m. Alt 3–1300 m. NW, G, M, FS, KZN, NC, WC, EC

nodosa Murray = **P. aquatica**

paradoxa L.

P. paradoxa L. var. *praemorsa* Coss. & Durieu (1)

Annual. Graminoid. Ht up to 1 m. Alt 100–1400 m. NW, G, WC

paradoxa L. var. *praemorsa* Coss. & Durieu = **P. paradoxa**

tuberosa L. = **P. aquatica**

PHRAGMITES Adans. 9902140

(1) Clayton. 1970. *FTEA Gramineae* (Part 1): 117–120.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 269, 270.

australis (Cav.) Steud.

P. communis Trin. (1)

Perennial. Graminoid. Ht up to 4 m. Alt 2–2200 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

communis Trin. = **P. australis**

mauritanus Kunth

Perennial. Graminoid. Ht up to 5 m. Alt 6–1600 m. N, B, LIM, NW, G, M, S, FS, KZN

PLAGIOCHLOA Adamson 9904020

acutiflora (Nees) Adamson & Sprague = **Tribolium acutiflorum**

alternans (Nees) Adamson & Sprague = **Tribolium uniolae**

brachystachya (Nees) Adamson & Sprague = **Tribolium brachystachyum**

ciliaris (Stapf) Adamson & Sprague = **Tribolium ciliare**

oblitera (Hemsl.) Adamson & Sprague = **Tribolium obliterum**

uniolae (L.f.) Adamson & Sprague var. *uniolae* = **Tribolium uniolae**

uniolae (L.f.) Adamson & Sprague var. *villosa* (Stapf) Adamson = **Tribolium uniolae**

POA L. 9904070

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 51–53.

(2) Edmondson. 1980. *Flora europaea* 5: 159–167.

(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 269–271.

(4) Sell & Murrell. 1999. *Flora of Great Britain and Ireland* 5: 159–165.

***annua** L.

Annual. Graminoid. Ht 0.02–0.3 m. Alt 3–2900 m. N, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

atherstonei Stapf = **P. binata**

bidentata Stapf = **P. pratensis**

binata Nees

P. atherstonei Stapf (3)

P. heterogama Hack. (3)

Perennial. Graminoid. Ht 0.15–0.6 m. Alt 30–3300 m. M, FS, KZN, L, EC

bulbosa L.

P. vivipara (L.) Willd. (3)

Perennial. Graminoid. Ht 0.15–0.3 m. Alt 500–1900 m. NC, WC

heterogama Hack. = **P. binata**

leptoclada A.Rich.

Perennial. Graminoid. Ht 0.2–0.6 m. Alt 1500–2500 m. KZN, L

***pratensis** L.

P. bidentata Stapf (3)

Perennial. Graminoid. Ht 0.25–0.6 m. Alt 15–2800 m. G, M, FS, KZN, L, WC, EC

***trivialis** L.

Perennial. Graminoid. Ht 0.2–0.9 m. Alt ± 1600 m. G

vivipara (L.) Willd. = **P. bulbosa**

POAGROSTIS Stapf 9901910

pusilla (Nees) Stapf = **Pentaschistis pusilla**

POGONARTHRIA Stapf 9903340

(1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 272, 273.

(2) Cope. 1999. *FZ* 10,2: 148–152.

fleckii (Hack.) Hack.

Annual. Graminoid. Ht up to 0.45 m. Alt 400–1600 m. N, B

leiarthra Hack.

Annual. Graminoid. Ht 0.2–0.8 m. Alt 1000–1200 m. N

squarrosa (Roem. & Schult.) Pilg.

Perennial, occ. annual. Graminoid. Ht up to 1.4 m. Alt 5–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC?

POLEVANSIA De Winter 9903101

(1) De Winter. 1966. *Bothalia* 9: 130–134.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 274.

rigida De Winter

Perennial. Graminoid. Ht 0.1–0.41 m. Alt 1800–2800 m.
L, EC

POLYPOGON Desf. 9902440

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 102.
- (2) Launert. 1970. *FSWA* 160: 154–156.
- (3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 274–276.

***monspeliensis** (L.) Desf.

Annual. Graminoid. Ht 0.06–0.5 m. Alt 5–1700 m. N, B,
G, FS, KZN, NC, WC, EC

semiverticillatus (Forssk.) Hyl. = **P. viridis**

strictus Nees

Annual. Graminoid. Ht 0.07–0.7 m. Alt 3–1900 m. WC, EC

***viridis** (Gouan) Breistr.

Agrostis semiverticillata (Forssk.) C.Ch. (3)
P. semiverticillatus (Forssk.) Hyl. (3)

Annual. Graminoid. Ht 0.15–0.6 m. Alt 5–1800 m. N, G,
S, FS, KZN, NC, WC, EC

POTAMOPHILA R.Br. 9901560

prehensilis (Nees) Benth. = **Prospytochloa prehendilis**

PRIONANTHIUM Desv. 9901800

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 270, 271.
- (2) Davidse. 1988. *Bothalia* 18: 143–153.
- (3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 276, 277.

dentatum (L.f.) Henrard

P. rigidum Desv. (2)

Annual. Graminoid. Ht 0.03–0.43 m. Alt 300–700 m. NC, WC

ecklonii (Nees) Stapf

Annual. Graminoid. Ht 0.19–0.4 m. Alt 300–400 m. WC

pholiuroides Stapf

Annual. Graminoid. Ht 0.04–0.25 m. Alt 50–100 m. WC

rigidum Desv. = **P. dentatum**

PROSPHYTOCHLOA Schweick. 9901561

- (1) Schweickerdt. 1961. *Der Züchter* 31: 193–195.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 277.

prehensilis (Nees) Schweick.

Potamophila prehendilis (Nees) Benth. (1)

Perennial. Graminoid, climber. Ht up to 10 m. Alt 8–1700 m.
LIM, M, S, KZN, EC

PSEUDECHINOLAENA Stapf 9901010

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 365.
- (2) Clayton. *FZ* 10,3: 3–6.
- (3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 277, 278.

polystachya (Kunth) Stapf

Annual or perennial. Graminoid. Ht up to 0.4 m. Alt 3–800 m.
LIM, KZN, EC

PSEUDOBRACHIARIA Launert 9901043

deflexa (Schumach.) Launert = **Brachiaria deflexa**

PSEUDOBROMUS K.Schum. 9904250

africanus (Hack.) Stapf = **Festuca africana**
sylvaticus K.Schum. = **Festuca africana**

PSEUDOPENTAMERIS Conert 9902081

- (1) Conert. 1971. *Mitteilungen der Botanischen Staatssammlung München* 10: 299–308.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 278, 279.
- (3) Barker. 1995. *Bothalia* 25: 141–148.

brachyphylla (Stapf) Conert

Danthonia brachyphylla Stapf (2)

Perennial. Graminoid. Ht 0.3–0.9 m. Alt 60–700 m. WC

caespitosa N.P.Barker

Perennial. Graminoid. Ht up to 1 m. Alt 50–1500 m. WC

macrantha (Schrad.) Conert

Danthonia macrantha Schrad. (2)

Perennial. Graminoid. Ht up to 1.2 m. Alt 1–900 m. WC

obtusifolia (Hochst.) N.P.Barker

Pentameris obtusifolia (Hochst.) Schweick. (3)

Pentameris squarrosa Stapf (3)

Perennial. Graminoid, scrambler. Ht up to 0.5 m. Alt 300–
900 m. WC

PSILOCHLOA Launert 9901124

pilgeriana (Schweick.) Launert = **Panicum pilgerianum**

PUCCINELLIA Parl. 9904150

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 49, 50.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 279, 280.
- (3) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 156–158.
- (4) Edgar & Connor. 2000. *Flora of New Zealand* 4: 197, 198.

acroxantha C.A.Sm. & C.E.Hubb.

Perennial. Graminoid. Ht 0.3–0.6 m. Alt 1000–1500 m.
N, FS, NC

angusta (Nees) C.A.Sm. & C.E.Hubb.

Perennial. Graminoid. Ht 0.3–0.6 m. Alt 100–1300 m. FS,
WC, EC

***distans** (L.) Parl.

Perennial. Graminoid. Ht 0.25–0.65 m. Alt 400–1500 m.
NC, WC, EC

***fasciculata** (Torr.) E.P.Bicknell

P. fasciculata (Torr.) E.P.Bicknell var. *caespitosa* Allan & Jansen (4)
Perennial. Graminoid. Ht 0.2–0.4 m. Alt 3–1400 m. NC,
WC, EC

fasciculata (Torr.) E.P.Bicknell var. *caespitosa* Allan & Jansen
= **P. fasciculata**

RENDLIA Chiov. 9902941

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 193, 194.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 281.
- (3) Cope. 1999. *FZ* 10,2: 231 (under *Microchloa*).

altera (Rendle) Chiov.

R. nelsonii (Stapf) Chiov. (2)

Perennial. Graminoid. Ht up to 0.5 m. Alt 45–2500 m. LIM,
G, M, S, FS, KZN, EC

nelsonii (Stapf) Chiov. = **R. altera**

RHYNCHELYTRUM Nees 9901321

bellespicatum (Rendle) Stapf & C.E.Hubb. = **Melinis longiseta** subsp. **bellespicata**

brevipilum (Hack.) Chiov. = **Melinis repens** subsp. **grandiflora**

costatum Stapf & C.E.Hubb. = **Melinis repens** subsp. **grandiflora**

drakensbergense C.E.Hubb. & Schweick. = **Melinis drakensbergensis**

grandiflorum Hochst. = **Melinis repens** subsp. **grandiflora**
kallimorphon Clayton = **Melinis kallimorpha**

longisetum (A.Rich.) Stapf & C.E.Hubb. = **Melinis longisetata**
subsp. **longisetata**

minutiflorum (Rendle) Stapf & C.E.Hubb. var. *melinoides*
(Stent) Stapf & C.E.Hubb. = **Melinis longisetata** subsp.
longisetata

nerviglume (Franch.) Chiov. = **Melinis nerviglumis**
nyassanum (Mez) Stapf & C.E.Hubb. = **Melinis nerviglumis**

ramosum Stapf & C.E.Hubb. = **Melinis nerviglumis**
repens (Willd.) C.E.Hubb. = **Melinis repens** subsp. **repens**

rhodesianum (Rendle) Stapf & C.E.Hubb. = **Melinis nerviglumis**

scabridum (K.Schum.) Chiov. = **Melinis scabrida**
setifolium (Stapf) Chiov. = **Melinis nerviglumis**

suberostratum Stapf & C.E.Hubb. = **Melinis repens** subsp.
grandiflora

subglabrum (Mez) Stapf & C.E.Hubb. = **Melinis subglabra**
villosum (Parl.) Chiov. = **Melinis repens** subsp. **grandiflora**

RHYTACHNE Desv. 9900340

- (1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 843–845.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 281–283.

latifolia Clayton

Annual. Graminoid. Ht up to 1 m. Alt 50–100 m. KZN

robusta Stapf

Perennial. Graminoid. Ht up to 1.2 m. Alt 900–1000 m. N

rotboellioides Desv.

Perennial. Graminoid. Ht up to 1 m. Alt 20–300 m. KZN, EC

ROTTBOELLIA L.f. 9900310

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 520–523.
- (2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 853–855.
- (3) Simon. 1982. *Taxon* 31: 564, 565.
- (4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 283.

cochinchinensis (Lour.) Clayton

R. exaltata L.f. (2)

Annual. Graminoid. Ht up to 3 m. Alt 140–1200 m. N, B, LIM, M, S, KZN

compressa L.f. var. *fasciculata* (Lam.) Hack. = **Hemarthria altissima**

exaltata L.f. = **R. cochinchinensis**

SACCIOLEPIS Nash 9901240

- (1) Simon. 1972. *Kew Bulletin* 27: 387–406.
- (2) Clayton. 1989. *FZ* 10,3: 41–46.
- (3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 284–286.

africana C.E.Hubb. & Snowden

Perennial. Graminoid. Ht up to 1.8 m. Alt 20–1200 m. N, B, KZN

auriculata Stapf = **S. indica**

chevalieri Stapf

Perennial. Graminoid. Ht up to 1 m. Alt 1000–1800 m. LIM, NW, G, M, KZN

cinereo-vestita (Pilg.) C.E.Hubb. = **S. typhura**

curvata (L.) Chase

Annual or perennial. Graminoid. Ht 0.2–0.9 m. Alt 5–600 m. LIM, M, S, KZN

glaucescens Stapf = **S. typhura**

huillensis (Rendle) Stapf = **S. spiciformis**

indica (L.) Chase

S. auriculata Stapf (2)

Annual. Graminoid. Ht up to 1 m. Alt 100–1000 m. EC

interrupta (Willd.) Stapf

Perennial. Graminoid. Ht up to 1.5 m. Alt 900–1000 m. B

rigens (Mez) A.Chev.

Perennial. Graminoid. Ht up to 2 m. Alt 900–1000 m. N

spiciformis (A.Rich.) Stapf

S. huillensis (Rendle) Stapf (2)

Annual or perennial. Graminoid. Ht 0.5–0.8 m. Alt 200–1500 m. N, LIM, KZN

typhura (Stapf) Stapf

S. cinereo-vestita (Pilg.) C.E.Hubb. (2)

S. glaucescens Stapf (2)

Perennial. Graminoid. Ht up to 1.5 m. Alt 900–2200 m. N, B, LIM, M, S

SARTIDIA De Winter 9902622

(1) De Winter. 1965. *Bothalia* 8: 381–389.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 286, 287.

angolensis (C.E.Hubb.) De Winter

Aristida angolensis C.E.Hubb. (1)

Perennial. Graminoid. Ht 1–2 m. Alt 600–2000 m. N

jucunda (Schweick.) De Winter

Aristida jucunda Schweick. (1)

Perennial. Graminoid. Ht up to 1 m. Alt 1200–1800 m. LIM

SCHISMUS P.Beauv. 9904050

(1) Conert & Türpe. 1974. *Abhandlungen der Senckenbergischen Naturforschenden Gesellschaft* 532: 1–81.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 287, 288.

barbatus (Loefl. ex L.) Thell.

Annual. Graminoid. Ht 0.05–0.25 m. Alt 20–1600 m. N, B, FS, L, NC, WC, EC

inermis (Stapf) C.E.Hubb.

Perennial. Graminoid. Ht 0.12–0.4 m. Alt 10–1200 m. WC, EC

pleuropogon Stapf

Perennial. Graminoid. Ht 0.12–0.25 m. Alt 200–300 m. WC

scaberrimus Nees

Perennial. Graminoid. Ht 0.1–0.45 m. Alt 5–1700 m. NC, WC, EC

SCHIZACHYRIUM Nees 9900680

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 502–504.

(2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 754–759.

(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 288–290.

brevifolium (Sw.) Büse

Annual. Graminoid. Ht up to 0.6 m. Alt 1400–1700 m. LIM, M

exile (Hochst.) Pilg.

S. glabrescens (Rendle) Stapf (2)

S. inclusum Stent (2)

Annual. Graminoid. Ht up to 1 m. Alt 500–1200 m. N, B, LIM, M

glabrescens (Rendle) Stapf = **S. exile**

inclusum Stent = **S. exile**

jeffreysii (Hack.) Stapf

Perennial. Graminoid. Ht up to 1.5 m. Alt 800–1500 m. N, B, LIM, NW, G, M

rupestre (K.Schum.) Stapf

Perennial. Graminoid. Ht up to 1.5 m. Alt 80–100 m. KZN

sanguineum (Retz.) Alston

S. semiberbe Nees (2)

Perennial. Graminoid. Ht up to 1.2 m. Alt 10–2000 m. N, B, LIM, NW, G, M, S, KZN, NC, EC

semiberbe Nees = **S. sanguineum**

ursulus Stapf

Perennial. Graminoid. Ht up to 0.7 m. Alt 1200–1500 m. N, G, M

SCHMIDTIA Steud. ex J.A.Schmidt 9903610

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 231–234.

(2) Clayton. 1970. *FTEA* Gramineae (Part 1): 165–167.

(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 290, 291.

bulbosa Stapf = **S. pappophoroides**

kalahariensis Stent, as '*kalihariensis*' (3)

Annual. Graminoid. Ht up to 1 m. Alt 200–1300 m. N, B, NW, NC, WC

pappophoroides Steud.

S. bulbosa Stapf (2)

Perennial. Graminoid. Ht up to 0.9 m. Alt 25–1500 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

SCHOENEFELDIA Kunth 9902950

(1) Clayton *et al.* 1974. *FTEA* Gramineae (Part 2): 309–311.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 291.

(3) Cope. 1999. *FZ* 10,2: 243, 244.

transiens (Pilg.) Chiov.

Perennial. Graminoid. Ht up to 1.2 m. Alt 200–300 m. M

SCLEROPOA Griseb. 9904190

rigida (L.) Griseb. = **Catapodium rigidum**

SECALE L. 9904390

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 70.

(2) Hammer *et al.* 1987. *Kulturpflanze* 35: 135–177.

(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 292.

(4) Frederiksen & Petersen. 1998. *Nordic Journal of Botany* 18: 399–420.

africanum Stapf = **S. strictum** subsp. **africanum**

strictum (C.Presl) C.Presl subsp. **africanum** (Stapf) K.Hammer

S. africanum Stapf (4)

Perennial. Graminoid. Ht up to 1 m. Alt 1400–1900 m. NC

SEHIMA Forssk. 9900130

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 489, 490.

(2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 749–752.

(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 292, 293.

galpinii Stent

Perennial. Graminoid. Ht up to 1.8 m. Alt 10–1400 m. LIM, G, M, S, KZN

ischaemoides Forssk.

Annual. Graminoid. Ht up to 0.6 m. Alt 300–1500 m. N, B, LIM

SETARIA P.Beauv.

9901280

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 338–355.

(2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 520–541.

(3) Clayton. 1989. *FZ* 10,3: 94–109.

(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 293–300.

(5) Lebrun & Stork. 1995. *Énumération des plantes à fleurs d'Afrique tropicale* 3: 277–279.

acuta Stapf & C.E.Hubb. = **S. megaphylla**

almaspicata de Wit = **S. sphacelata** var. **sericea**

anceps Stapf ex Massey = **S. sphacelata** var. **sericea**

appendiculata (Hack.) Stapf

Perennial. Graminoid. Ht up to 1 m. Alt 700–1700 m. N, NC

cana de Wit = **S. sphacelata** var. **sericea**

chevalieri Stapf ex Stapf & C.E.Hubb. = **S. megaphylla**

decipiens de Wit = **S. sphacelata** var. **sphacelata**

eylesii Stapf & C.E.Hubb. = **S. incrassata**

finita Launert

Annual. Graminoid. Ht up to 1 m. Alt 300–1600 m. N

flabellata Stapf = **S. sphacelata** var. **sphacelata**

flabellata Stapf subsp. *natalensis* de Wit = **S. sphacelata** var. **torta**

flabelliformis de Wit = **S. sphacelata** var. **sericea**

***geniculata** (Lam.) P.Beauv.

Perennial. Graminoid. Ht 0.3–0.8 m. Alt 100–400 m. WC

gerrardii Stapf = **S. incrassata**

holstii Herre = **S. incrassata**

homblei De Wild. = **S. sphacelata** var. **torta**

homonyma (Steud.) Chiov.

Annual. Graminoid. Ht up to 1 m. Alt 700–1400 m. N, B, LIM, M, KZN

incrassata (Hochst.) Hack.

S. eylesii Stapf & C.E.Hubb. (3)

S. gerrardii Stapf (3)

S. holstii Herre (3)

S. pabularis Stapf (3)

S. palustris Stapf (3)

S. perberbis de Wit (3)

S. phragmitoides Stapf (3)

S. porphyrantha Stapf (3)

S. rudifolia Stapf (3)

S. woodii Hack. (2)

S. woodii Hack. subsp. *bechuanica* de Wit (2)

S. woodii Hack. var. *fonssalutis* de Wit (2)

Perennial. Graminoid. Ht up to 2 m. Alt 9–2000 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, EC

insignis de Wit = **S. megaphylla**

***italica** (L.) P.Beauv.

Annual. Graminoid. Ht up to 1.5 m. Alt 80–1400 m. LIM, G, M, FS, KZN, WC, EC

lindenbergiana (Nees) Stapf

S. phillipsii de Wit (2)

Perennial. Graminoid. Ht up to 1.2 m. Alt 3–1900 m. B, LIM, NW, G, M, FS, NC, EC

lutescens (Weigel) F.T.Hubb. = **Pennisetum glaucum**

megaphylla (Steud.) T.Durand & Schinz

S. acuta Stapf & C.E.Hubb. (2)

S. chevalieri Stapf ex Stapf & C.E.Hubb. (2)

S. insignis de Wit (2)

Perennial. Graminoid. Ht up to 3 m. Alt 4–1600 m. LIM, NW, G, M, S, KZN, WC, EC

neglecta de Wit = **S. sphacelata** var. **sphacelata**

nigrirostris (Nees) T.Durand & Schinz

Perennial. Graminoid. Ht up to 1.2 m. Alt 150–2000 m.
LIM, NW, G, M, S, FS, KZN, L, EC

obscura de Wit

Perennial. Graminoid. Ht up to 1 m. Alt 1500–1900 m. KZN

pabularis Stapf = **S. incrassata**

pallide-fusca (Schumach.) Stapf & C.E.Hubb. = **S. pumila**

palustris Stapf = **S. incrassata**

perberbis de Wit = **S. incrassata**

perennis Hack. = **S. sphacelata** var. **sphacelata**

phillipsii de Wit = **S. lindenbergiana**

phragmitoides Stapf = **S. incrassata**

plicatilis (Hochst.) Engl.

Perennial. Graminoid. Ht up to 1.5 m. Alt 30–1600 m. LIM,
NW, G, M, S, KZN, EC

porphyrantha Stapf = **S. incrassata**

pseudaristata (Peter) Pilg.

S. tenuiseta de Wit (2)

Perennial. Graminoid. Ht up to 1.1 m. Alt 800–1000 m. N, B

pumila (Poir.) Roem. & Schult.

S. pallide-fusca (Schumach.) Stapf & C.E.Hubb. (3)

S. ustilata de Wit (3)

Annual. Graminoid. Ht 0.3–0.6 m. Alt 400–2500 m. N,
B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

rigida Stapf

Perennial. Graminoid. Ht 1–1.8 m. Alt 880–1130 m. M,
S, KZN, EC

rudifolia Stapf = **S. incrassata**

sagittifolia (A.Rich.) Walp.

Cymbosetaria sagittifolia (A.Rich.) Schweick. (3)

Annual. Graminoid. Ht 0.12–0.8 m. Alt 25–1000 m. N, B,
LIM, M, S, KZN

sphacelata (Schumach.) Moss subsp. *aquamontana* de Wit
= **S. sphacelata** var. **sphacelata**

sphacelata (Schumach.) Moss subsp. *nodosa* de Wit = **S. sphacelata** var. **sericea**

sphacelata (Schumach.) Moss subsp. *pyropea* de Wit = **S. sphacelata** var. **sericea**

sphacelata (Schumach.) Moss var. **sericea** (Stapf) Clayton

S. almaspicata de Wit (2)

S. anceps Stapf ex Massey (2)

S. cana de Wit (2)

S. flabelliformis de Wit (2)

S. sphacelata (Schumach.) Moss subsp. *nodosa* de Wit (2)

S. sphacelata (Schumach.) Moss subsp. *pyropea* de Wit (2)

Perennial. Graminoid. Ht 1–2 m. Alt 15–1800 m. N, B,
LIM, NW, G, M, S, FS, KZN, EC

sphacelata (Schumach.) Moss var. **sphacelata**

S. decipiens de Wit (2)

S. flabellata Stapf (2)

S. neglecta de Wit (2)

S. perennis Hack. (2)

S. sphacelata (Schumach.) Moss subsp. *aquamontana* de Wit (2)

S. sphacelata (Schumach.) Moss var. *stolonifera* de Wit (2)

S. stenantha Stapf (2)

Perennial. Graminoid. Ht up to 1 m. Alt 10–1900 m. N,
B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

sphacelata (Schumach.) Moss var. **splendida** (Stapf) Clayton

S. splendida Stapf (2)

Perennial. Graminoid. Ht 1.8–3 m. Alt 700–1000 m. N,
KZN

sphacelata (Schumach.) Moss var. *stolonifera* de Wit = **S. sphacelata** var. **sphacelata**

sphacelata (Schumach.) Moss var. **torta** (Stapf) Clayton

S. flabellata Stapf subsp. *natalensis* de Wit (2)

S. homblei De Wild. (2)

S. torta Stapf (2)

Perennial. Graminoid. Ht up to 1 m. Alt 5–2300 m. B, LIM,
NW, G, M, S, FS, KZN, L, NC, WC, EC

splendida Stapf = **S. sphacelata** var. **splendida**

stenantha Stapf = **S. sphacelata** var. **sphacelata**

tenuiseta de Wit = **S. pseudaristata**

torta Stapf = **S. sphacelata** var. **torta**

ustilata de Wit = **S. pumila**

verticillata (L.) P.Beauv.

Annual. Graminoid. Ht up to 1 m. Alt 30–1700 m. N, B,
LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

woodii Hack. = **S. incrassata**

woodii Hack. subsp. *bechuanica* de Wit = **S. incrassata**

woodii Hack. var. *fonssalutis* de Wit = **S. incrassata**

SORGHASTRUM Nash 9900461

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 436–468.

(2) Clayton & Renvoize. 1982. *FTEA Gramineae* (Part 3): 731–734.

(3) Hennessy. 1988. *The Flowering Plants of Africa* 50: t. 1963.

(4) Gibbs Russell et al. 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 300, 301.

friesii (Pilg.) Pilg.

Perennial. Graminoid. Ht up to 1.5 m. Alt 900–1300 m.
N, B, LIM, M

rigidifolium (Stapf) Chippind. = **S. stipoides**

stipoides (Kunth) Nash

S. rigidifolium (Stapf) Chippind. (2)

Perennial. Graminoid. Ht 1–2 m. Alt 9–920 m. M, S, KZN

SORGHUM Moench 9900460

(1) De Wet. 1978. *American Journal of Botany* 65: 477–484.

(2) Clayton & Renvoize. 1982. *FTEA Gramineae* (Part 3): 726–731.

(3) Gibbs Russell et al. 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 301, 302.

(4) Phillips. 1995. *Flora of Ethiopia and Eritrea* 7: 297–301.

(5) Henderson. 2001. *Alien weeds and invasive plants*: 18.

almum Parodi = **S. halepense****bicolor** (L.) Moench subsp. **arundinaceum** (Desv.) de Wet & Harlan

S. verticilliflorum (Steud.) Stapf (3)

Annual or perennial. Graminoid. Ht up to 4 m. Alt 15–1900
m. N, B, LIM, NW, G, M, S, FS, KZN, NC

bicolor (L.) Moench subsp. **drummondii** (Steud.) de Wet

S. sudanense (Piper) Stapf (3)

Annual. Graminoid. Ht up to 3 m. Alt 600–1900 m. N, B,
LIM, NW, G, M, FS, EC

***halepense** (L.) Pers.

S. almum Parodi (1)

Perennial. Graminoid. Ht up to 4 m. Alt 15–1400 m. N,
LIM, NW, G, M, S, FS, KZN, NC, WC, EC

sudanense (Piper) Stapf = **S. bicolor** subsp. **drummondii**

versicolor Andersson

Annual or perennial. Graminoid. Ht up to 2.5 m. Alt 350–
1400 m. N, B, LIM, NW, G, M, KZN

verticilliflorum (Steud.) Stapf = **S. bicolor** subsp. **arundinaceum**

SPARTINA Schreb. 9902930

(1) Lauenert. 1970. *FSWA* 160: 176.

(2) Gibbs Russell et al. 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 302, 303.

(3) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 232, 233.

capensis Nees = **S. maritima**

maritima (Curtis) Fernald

S. capensis Nees (2)

Perennial. Graminoid. Ht 0.2–0.8 m. Alt 1–100 m. N, WC, EC

***SPHENOPUS** Trin. 9903790

(1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 303, 304.

divaricatus (Gouan) Rchb.

Annual. Graminoid. Ht 0.07–0.3 m. Alt 2–700 m. NC, WC

SPOROBOLUS R.Br. 9902830

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 209–227.

(2) De Winter & Vorster. 1974. *Bothalia* 11: 295–297.

(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 304–313.

(4) Veldkamp. 1990. *Kew Bulletin* 45: 581, 582.

(5) Cope. 1999. *FZ* 10,2: 166–198.

acinifolius Stapf

Perennial. Graminoid. Ht 0.15–0.43 m. Alt 200–2000 m.

N, B, LIM, NW, NC

africanus (Poir.) Robyns & Tournay

S. capensis (Willd.) Kunth (3)

Perennial. Graminoid. Ht up to 1.5 m. Alt 5–2200 m. N,

B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

albicans Nees

Perennial. Graminoid. Ht 0.2–0.36 m. Alt 600–1600 m.

B, LIM, NW, M, FS, NC, WC, EC

argutus (Nees) Kunth = **S. coromandelianus**

artus Stent = **S. subulatus**

baumianus Pilg. = **S. welwitschii**

bechuanicus Gooss.

Perennial. Graminoid. Ht 0.5–0.8 m. Alt 800–1000 m. B

capensis (Willd.) Kunth = **S. africanus**

centrifugus (Trin.) Nees

S. schlechteri Schweick. (3)

Perennial. Graminoid. Ht up to 1.5 m. Alt 30–2800 m. LIM,

G, M, S, FS, KZN, L, EC

congoensis Franch.

S. eylesii Stent & J.M.Ratray (3)

S. schlechteri in sense of Chippind., not Schweick., misapplied name (5)

Perennial. Graminoid. Ht 0.38–0.92 m. Alt 600–1800 m.

NW, M

conrathii Chiov.

Perennial. Graminoid. Ht 0.2–0.48 m. Alt 300–1700 m.

N, LIM, NW, G, M, FS

consimilis Fresen.

S. robustus of Chippind., not of Kunth, concept invalid (3)

Perennial. Graminoid. Ht up to 1.6 m. Alt 5–700 m. N, B,

LIM, M, KZN

cordofanus (Steud.) Coss.

Annual. Graminoid. Ht up to 0.6 m. Alt 250–1000 m. B

coromandelianus (Retz.) Kunth

S. argutus (Nees) Kunth (3)

S. pyramidatus (Lam.) Hitchc., misapplied name by Chippind. (3)

Annual. Graminoid. Ht 0.1–0.34 m. Alt 100–1500 m. N,

B, FS, NC, EC

discosporus Nees

Annual or perennial. Graminoid. Ht 0.05–0.18 m. Alt 1200–

2200 m. NW, G, M, FS, L, NC, EC

engleri Pilg.

Annual. Graminoid. Ht 0.12–0.6 m. Alt 800–1500 m.

N, NC

eylesii Stent & J.M.Ratray = **S. congoensis**

festivus A.Rich.

S. festivus A.Rich. var. *fibrosus* Stent (3)

Perennial. Graminoid. Ht 0.1–0.55 m. Alt 300–1600 m. N,

B, LIM, NW, G, M, FS?, KZN?

festivus A.Rich. var. *fibrosus* Stent = **S. festivus**

fimbriatus (Trin.) Nees

S. fimbriatus (Trin.) Nees var. *latifolius* Stent (3)

Perennial. Graminoid. Ht up to 1.6 m. Alt 10–2200 m.

N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

fimbriatus (Trin.) Nees var. *latifolius* Stent = **S. fimbriatus**

fourcadii Stent

Perennial. Graminoid. Ht 0.25–0.7 m. Alt 600–1220 m.

KZN, WC, EC

ioclados (Trin.) Nees

S. ioclados (Trin.) Nees var. *usitatus* (Stent) Chippind. (3)

S. kentrophyllus (K.Schum.) Clayton (5)

S. marginatus Hochst. ex A.Rich. (3)

S. smutsii Stent (3)

S. usitatus Stent (3)

Perennial. Graminoid. Ht up to 1 m. Alt 150–1600 m.

N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

ioclados (Trin.) Nees var. *usitatus* (Stent) Chippind. = **S. ioclados**

kentrophyllus (K.Schum.) Clayton = **S. ioclados**

lampranthus Pilg. = **S. nervosus**

ludwigii Hochst.

Perennial. Graminoid. Ht 0.1–0.45 m. Alt 500–1500 m.

B, NW, FS, NC, WC, EC

macranthelus Chiov.

Perennial. Graminoid. Ht up to 1.7 m. Alt 300–950 m. N, B

macrothrix Pilg. = **S. welwitschii**

marginatus Hochst. ex A.Rich. = **S. ioclados**

mauritanus of author, not of (Steud.) T.Durand & Schinz,

concept invalid = **S. subulatus**

molleri Hack.

Annual. Graminoid. Ht up to 0.36 m. Alt 700–1000 m.

LIM

natalensis (Steud.) T.Durand & Schinz

Perennial. Graminoid. Ht up to 1.45 m. Alt 400–1800 m.

N, B, LIM, NW, G, M, KZN, WC, EC

nebulosus Hack.

Perennial. Graminoid. Ht up to 0.3 m. Alt 200–1200 m.

N, NC

nervosus Hochst.

S. lampranthus Pilg. (3)

S. sladenianus F.Bolus (3)

Perennial. Graminoid. Ht 0.18–0.53 m. Alt 950–1200 m.

N, FS, NC

nitens Stent

Perennial. Graminoid. Ht 0.19–0.52 m. Alt 25–1900 m. B,

LIM, NW, G, M, S, FS, KZN, EC

panicoides A.Rich.

Annual. Graminoid. Ht 0.19–0.96 m. Alt 300–1500 m. N,

B, LIM, G, M

paniculatus (Trin.) T.Durand & Schinz

S. stolzii of author, not of Mez, misapplied name (5)

Annual. Graminoid. Ht up to 0.7 m. Alt 300–1200 m. N, B

pectinatus Hack.

Perennial. Graminoid. Ht 0.24–0.74 m. Alt 200–2000 m.

LIM, NW, G, M, KZN, WC

pellucidus Hochst.

Perennial. Graminoid. Ht 0.15–0.64 m. Alt 1000–1200 m. N

pyramidalis P.Beauv.

Perennial. Graminoid. Ht up to 1.6 m. Alt 10–2000 m. N, B, LIM, G, M, S, KZN, EC

pyramidatus (Lam.) Hitchc., misapplied name by Chippind. = **S. coromandelianus****rangei** Pilg.

Perennial. Graminoid. Ht 0.35–0.46 m. Alt 900–1300 m. N, B, LIM, NW, FS, NC

rhodesiensis Stent & J.M.Rattray = **S. sanguineus***robustus* of Chippind., not of Kunth, concept invalid = **S. consimilis****salsus** Mez

Perennial. Graminoid. Ht 0.27–0.7 m. Alt 700–920 m. N, B, LIM

sanguineus Rendle*S. rhodesiensis* Stent & J.M.Rattray (3)

Perennial. Graminoid. Ht up to 1.5 m. Alt 500–700 m. LIM, M, S

schlechteri in sense of Chippind., not Schweick., misapplied name = **S. congoensis***schlechteri* Schweick. = **S. centrifugus***sladenianus* F.Bolus = **S. nervosus***smutsii* Stent = **S. ioclados****spicatus** (Vahl) Kunth

Perennial. Graminoid. Ht up to 1 m. Alt 5–1000 m. N, B, LIM

stapfianus Gand.

Perennial. Graminoid. Ht 0.15–0.55 m. Alt 90–1700 m. N, B, LIM, NW, G, M, S, KZN, EC

stolzii of author, not of Mez, misapplied name = **S. paniculatus****subtilis** Kunth

Perennial. Graminoid. Ht 0.32–0.6 m. Alt 5–2200 m. LIM, G, M, KZN, EC

subulatus Hack.*S. artus* Stent (4)*S. mauritanus* of author, not of (Steud.) T.Durand & Schinz, concept invalid (4)

Perennial. Graminoid. Ht up to 0.8 m. Alt 20–1800 m. LIM, M, KZN, EC

tenellus (Spreng.) Kunth

Perennial. Graminoid. Ht up to 0.3 m. Alt 300–1700 m. NC, WC

usitatus Stent = **S. ioclados****virginicus** (L.) Kunth

Perennial. Graminoid. Ht up to 0.77 m. Alt 1–800 m. N, LIM, KZN, NC, WC, EC

welwitschii Rendle*S. baumianus* Pilg. (3)*S. macrothrix* Pilg. (3)

Perennial. Graminoid. Ht 0.6–0.7 m. Alt 900–1300 m. N, LIM

***STEINCHISMA** Raf. 9901166(1) Zuloaga *et al.* 1998. *Annals of the Missouri Botanical Garden* 85: 647–649.**hians** (Elliott) Nash & Small*Panicum hians* Elliott (1)

Perennial. Graminoid. Ht up to 0.6 m. Alt 400–1200 m. KZN

STENOTAPHRUM Trin. 9901080(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 367.(2) Sauer. 1972. *Brittonia* 24: 202–222.(3) Clayton. 1989. *FZ* 10,3: 111–113.(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 314.**dimidiatum** (L.) Brongn.

Perennial. Graminoid. Ht 0.06–0.4 m. Alt 50–80 m. KZN, EC

secundatum (H. Walter) Kuntze

Perennial. Graminoid. Ht 0.06–0.4 m. Alt 1–900 m. N, S, KZN, WC, EC

STEREOCHLAENA Hack. 9900910(1) Clayton. 1989. *FZ* 10,3: 128–130.(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 315.**cameronii** (Stapf) Pilg.

Perennial. Graminoid. Ht up to 1 m. Alt 850–950 m. B, LIM

STIBURUS Stapf 9904000(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 186.(2) Phillips. 1982. *Kew Bulletin* 37: 147–149 (as *Eragrostis*).(3) Clayton & Renvoize. 1986. *Kew Bulletin*, Additional Series 13: 215–217.(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 315, 316.(5) Cope. 1999. *FZ* 10,2: 122–124 (as *Eragrostis*).**alopecuroides** (Hack.) Stapf [as *Eragrostis tinctoria* S.M. Phillips in (5)]

Perennial. Graminoid. Ht up to 0.7 m. Alt 1200–2900 m. LIM, G, M, S, FS, KZN, L, EC

conrathii Hack.

Perennial. Graminoid. Ht up to 0.5 m. Alt 1400–2400 m. G, M, S, FS, KZN, L

STIPA L. 9902630(1) De Winter. 1965. *Bothalia* 8: 212–219.(2) Clayton. 1970. *FTEA* Gramineae (Part 1): 114, 115.(3) Barkworth. 1990. *Taxon* 39: 597–614.(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 316–318.(5) Phillips. 1995. *Flora of Ethiopia and Eritrea* 7: 13–15.**capensis** Thunb.*S. tortilis* Desf. (1)

Annual. Graminoid. Ht up to 1 m. Alt 50–1000 m. NC, WC

clandestina Hack. = **Achnatherum clandestinum****dregeana** Steud. var. **dregeana**

Perennial. Graminoid. Ht up to 2 m. Alt 5–1800 m. WC, EC

dregeana Steud. var. **elongata** (Nees) Stapf

Perennial. Graminoid. Ht up to 1.2 m. Alt 5–1800 m. LIM, NW, G, M, FS, KZN, WC, EC

namaquensis Pilg. = **Stipagrostis anomala***neesiana* Trin. & Rupr. = **Nassella neesiana*****papposa** Nees

Perennial. Graminoid. Ht up to 0.6 m. Alt 90–100 m. WC

parvula Nees = **Aristida parvula***tenuissima* Trin. = **Nassella tenuissima***tortilis* Desf. = **S. capensis***trichotoma* Nees = **Nassella trichotoma*****variabilis** Hughes

Perennial. Graminoid. Ht up to 0.7 m. Alt 100–200 m. WC

STIPAGROSTIS Nees

9902611

- (1) De Winter. 1965. *Bothalia* 8: 309–380.
 (2) De Winter. 1990. *Bothalia* 20: 82–87.
 (3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 318–329.

amabilis (Schweick.) De Winter*Aristida amabilis* Schweick. (1)

Perennial. Shrub, dwarf shrub, graminoid. Ht 1.5–2 m. Alt 800–1200 m. N, NC

anomala De Winter*Stipa namaquensis* Pilg. (1)

Annual or perennial. Graminoid. Ht 0.1–0.6 m. Alt 300–1300 m. N, NC, WC

brevifolia (Nees) De Winter*Aristida brevifolia* (Nees) Steud. (1)

Perennial. Shrub, dwarf shrub, graminoid. Ht up to 1 m. Alt 400–1100 m. N, NC

ciliata (Desf.) De Winter var. **capensis** (Trin. & Rupr.) De Winter*Aristida ciliata* Desf. (1)*Aristida ciliata* Desf. var. *capensis* Trin. & Rupr. (1)*Aristida ciliata* Desf. var. *pectinata* Henrard (1)*Aristida ciliata* Desf. var. *tricholaena* Hack. (1)*Aristida ciliata* Desf. var. *villosa* Hack. (1)

Perennial. Graminoid. Ht up to 1 m. Alt 40–2000 m. N, B, NW, FS, NC, WC, EC

damarensis (Mez) De Winter*Aristida damarensis* Mez (1)

Perennial. Graminoid. Ht up to 1.2 m. Alt 400–1200 m. N

dinteri (Hack.) De Winter*Aristida dinteri* Hack. (1)

Perennial. Graminoid. Ht 0.35–0.4 m. Alt 100–1000 m. N

dregeana Nees*Aristida dregeana* (Nees) Trin. & Rupr. (1)

Perennial. Graminoid. Ht up to 0.3 m. Alt 50–120 m. N, NC

fastigiata (Hack.) De Winter*Aristida fastigiata* Hack. (1)

Perennial. Shrub, graminoid. Ht 0.3–0.6 m. Alt 800–1000 m. N, NC

garubensis (Pilg.) De Winter*Aristida garubensis* Pilg. (1)

Perennial. Shrub, graminoid. Ht up to 0.6 m. Alt 300–1500 m. N

geminifolia Nees*Aristida geminifolia* (Nees) Trin. & Rupr. (1)

Perennial. Shrub, graminoid. Ht 0.1–0.25 m. Alt 50–230 m. N, NC

giessii Kers

Perennial. Graminoid. Ht up to 0.8 m. Alt 300–1200 m. N

gonatostachys (Pilg.) De Winter*Aristida gonatostachys* Pilg. (1)

Perennial. Graminoid. Ht 0.1–0.2 m. Alt 400–600 m. N

hermannii (Mez) De Winter*Aristida hermannii* Mez (1)

Annual. Graminoid. Ht 0.1–0.15 m. Alt 20–500 m. N

hirtigluma (Trin. & Rupr.) De Winter subsp. **hirtigluma***Aristida hirtigluma* Trin. & Rupr. (1)

Annual. Graminoid. Ht 0.4–0.5 m. Alt 500–1300 m. N

hirtigluma (Trin. & Rupr.) De Winter subsp. **patula** (Hack.) De Winter*Aristida gracilior* Pilg. var. *gracilior* (1)

Perennial. Graminoid. Ht 0.3–0.6 m. Alt 400–2000 m. N, B, LIM, NW, M

hirtigluma (Trin. & Rupr.) De Winter subsp. **pearsonii** (Henrard) De Winter*Aristida gracilior* Pilg. var. *pearsonii* Henrard (1)

Annual. Graminoid. Ht 0.05–0.8 m. Alt 700–1200 m. N

hochstetteriana (Beck ex Hack.) De Winter var. **hochstetteriana***Aristida hochstetteriana* Beck ex Hack. (1)

Perennial. Graminoid. Ht 0.5–0.9 m. Alt 580–1200 m. N, NC

hochstetteriana (Beck ex Hack.) De Winter var. **secalina** (Henrard) De Winter*Aristida secalina* Henrard (1)

Perennial. Graminoid. Ht 0.25–0.9 m. Alt 60–1200 m. N, NC

lanipes (Mez) De Winter*Aristida lanipes* Mez (1)

Perennial. Graminoid. Ht up to 0.6 m. Alt 300–900 m. N

lutescens (Nees) De Winter var. **lutescens***Aristida lutescens* (Nees) Trin. & Rupr. (1)

Perennial. Shrub, graminoid. Ht up to 1 m. Alt 100–950 m. N, NC

lutescens (Nees) De Winter var. **marlothii** (Hack.) De Winter*Aristida marlothii* Hack. (1)

Perennial. Shrub, graminoid. Ht up to 1.5 m. Alt 90–600 m. N

namaquensis (Nees) De Winter*Aristida namaquensis* (Nees) Trin. & Rupr. (1)

Perennial. Shrub, graminoid. Ht up to 2 m. Alt 60–2000 m. N, B, FS, L, NC, WC

namibensis De Winter

Annual. Graminoid. Ht up to 0.3 m. Alt 20–300 m. N

obtusa (Delile) Nees*Aristida obtusa* Delile (1)

Perennial. Graminoid. Ht 0.02–0.6 m. Alt 80–1300 m. N, B, NW, FS, NC, WC, EC

pellytronis De Winter

Perennial. Shrub, graminoid. Ht up to 0.6 m. Alt 300–900 m. N

proxima (Steud.) De Winter*Aristida proxima* Steud. (1)

Perennial. Shrub, graminoid. Ht 0.2–0.6 m. Alt 1300–1400 m. FS, EC

ramulosa De Winter

Perennial. Graminoid. Ht 0.4–0.6 m. Alt 20–500 m. N

sabulicola (Pilg.) De Winter*Aristida sabulicola* Pilg. (1)

Perennial. Shrub, graminoid. Ht 1–2 m. Alt 100–800 m. N

schaeferi (Mez) De Winter*Aristida schaeferi* Mez var. *biseriata* Henrard (1)*Aristida schaeferi* Mez var. *schaeferi* (1)

Perennial. Graminoid. Ht 0.2–0.7 m. Alt 30–60 m. N

seelyae De Winter

Perennial. Graminoid. Ht up to 1 m. Alt 300–600 m. N

subcaulis (Nees) De Winter*Aristida subcaulis* Nees ex Steud. (1)

Annual. Graminoid. Ht 0.05–0.1 m. Alt 50–700 m. N, NC

uniplumis (Licht.) De Winter var. **intermedia** (Schweick.) De Winter*Aristida gracilior* Pilg. var. *intermedia* Schweick. (1)

Annual. Graminoid. Ht 0.2–0.6 m. Alt 700–1900 m. N

uniplumis (Licht.) De Winter var. **neesii** (Trin. & Rupr.) De Winter*Aristida uniplumis* Licht. var. *neesii* Trin. & Rupr. (1)

Perennial. Graminoid. Ht 0.38–0.9 m. Alt 400–1600 m. B, LIM, NW, G, S, FS, NC

uniplumis (Licht.) De Winter var. **uniplumis***Aristida uniplumis* Licht. var. *pearsonii* Henrard (1)*Aristida uniplumis* Licht. var. *uniplumis* (1)

Perennial, occ. annual. Graminoid. Ht 0.18–0.9 m. Alt 300–2000 m. N, B, LIM, NW, M, FS, NC

zeyheri (Nees) De Winter subsp. **barbata** (Stapf) De Winter*Aristida capensis* Thunb. var. *barbata* Stapf (1)

Perennial. Graminoid. Ht 0.5–0.9 m. Alt 3–800 m. KZN, WC, EC

zeyheri (Nees) De Winter subsp. **macropus** (Nees) De Winter*Aristida capensis* Thunb., not *Stipagrostis capensis* (1)*Aristida capensis* Thunb. var. *genuina* Henrard (1)*Aristida capensis* Thunb. var. *macropus* (Nees) Trin. & Rupr. (1)

Perennial. Graminoid. Ht 0.35–0.72 m. Alt 60–1200 m. NC, WC

zeyheri (Nees) De Winter subsp. **sericans** (Hack.) De Winter*Aristida capensis* Thunb. var. *dieterleniana* Schweick. (1)*Aristida sericans* Hack. in writings of Schinz (1)

Perennial. Graminoid. Ht 0.4–0.75 m. Alt 550–2500 m. G, M, FS, L, EC

zeyheri (Nees) De Winter subsp. **zeyheri***Aristida capensis* Thunb. var. *canescens* Trin. & Rupr. (1)

Perennial. Graminoid. Ht 0.3–0.75 m. Alt 5–1400 m. NC, WC

STREBLOCHAETE Pilg. 9901971(1) Clayton. 1970. *FTEA* Gramineae (Part 1): 74–76.(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 329, 330.**longiarista** (A.Rich.) Pilg.

Perennial. Graminoid. Ht 0.3–0.9 m. Alt 900–1900 m. KZN, EC

STYPPEIOCHLOA De Winter 9903504(1) De Winter. 1966. *Bothalia* 9: 134–137.(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 330, 331.**gynoglossa** (Gooss.) De Winter*Crinipes gynoglossa* Gooss. (1)

Perennial. Graminoid. Ht up to 0.75 m. Alt 900–2400 m. M, S, FS, KZN, EC

TARIGIDIA Stent 9900891(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 422.(2) Launert. 1970. *FSWA* 160: 202.(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 331.**aequiglumis** (Gooss.) Stent*Antheophora aequiglumis* Gooss. (2)*Digitaria otaviensis* Launert (2)

Perennial. Graminoid. Ht up to 1.5 m. Alt 800–2000 m. N, NW, FS

TETRACHNE Nees 9903270(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 188, 189.(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 331, 332.**dregei** Nees

Perennial. Graminoid. Ht 0.32–0.86 m. Alt 1400–2500 m. FS, L, NC, WC, EC

TETRAPOGON Desf. 9903220(1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 332, 333.(2) Cope. 1999. *FZ* 10,2: 207–209.*mossambicensis* (K.Schum.) Chippind. ex B.S.Fisher = **Chloris mossambicensis****tenellus** (Roxb.) Chiov.

Annual or short-lived perennial. Graminoid. Ht up to 0.75 m. Alt 200–1000 m. N, LIM

THAMNOCALAMUS Munro 9904570(1) Soderstrom & Ellis. 1982. *Bothalia* 14: 53–67.(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 333, 334.**tessellatus** (Nees) Soderstr. & R.P.Ellis*Arundinaria tessellata* (Nees) Munro (1)

Perennial. Graminoid. Ht 1–5 m. Alt 1800–2500 m. FS, KZN, L, EC

THELEPOGON Roth ex Roem. 9900110 & Schult.(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 744–746.(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 334.**elegans** Roem. & Schult.

Annual. Graminoid. Ht up to 1.5 m. Alt 800–1000 m. N

THEMEDA Forssk. 9900830(1) Killick. 1978. *The Flowering Plants of Africa* 44: t. 1741.(2) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 829–831.(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 334, 335.**triandra** Forssk.*T. triandra* Forssk. var. *burchellii* (Hack.) Stapf (2)*T. triandra* Forssk. var. *hispida* (Nees) Stapf (2)*T. triandra* Forssk. var. *imberbis* (Retz.) A.Camus (2)*T. triandra* Forssk. var. *trachyspathea* Gooss. (2)

Perennial. Graminoid. Ht 0.3–2 m. Alt 2–2500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

triandra Forssk. var. *burchellii* (Hack.) Stapf = **T. triandra***triandra* Forssk. var. *hispida* (Nees) Stapf = **T. triandra***triandra* Forssk. var. *imberbis* (Retz.) A.Camus = **T. triandra***triandra* Forssk. var. *trachyspathea* Gooss. = **T. triandra*****THINOPYRUM** A.Löve 9904348Note: see *Elymus*, an alternative genus that can be used.(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 69, 70.(2) Melderis. 1978. *Botanical Journal of the Linnean Society* 76: 383.(3) Dewey. 1984. In Gustafson, *Gene manipulation in plant improvement*: 209–279.(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 336.(5) Jarvie. 1992. *Nordic Journal of Botany* 12: 155–169.**distichum** (Thunb.) A.Löve*Agropyron distichum* (Thunb.) P.Beauv. (4)

Perennial. Graminoid. Ht 0.4–0.9 m. Alt 1–10 m. WC, EC

TRACHYPOGON Nees 9900780(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 494, 495.(2) Anderson. 1967. *The Flowering Plants of Africa* 38: t. 1512.(3) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 707–711.(4) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 336, 337.*capensis* (Thunb.) Trin. = **T. spicatus****spicatus** (L.f.) Kuntze*T. capensis* (Thunb.) Trin. (3)

Perennial. Graminoid. Ht up to 2 m. Alt 5–2500 m. N, B, LIM, NW, G, M, S, FS, KZN, L, WC, EC

TRAGUS Haller 9902740(1) Anton. 1982. *Kew Bulletin* 36: 55–61.(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 337–339.(3) Cope. 1999. *FZ* 10,2: 246–249.

berteronianus Schult.

Annual. Graminoid. Ht up to 0.6 m. Alt 6–2300 m. N, B, LIM, NW, G, M, S, FS, KZN, NC, WC, EC

koelerioides Asch.

Perennial. Graminoid. Ht up to 0.65 m. Alt 95–1900 m. N, B, NW, G, FS, L, NC, WC, EC

pedunculatus Pilg.

Annual. Graminoid. Ht up to 0.4 m. Alt 1000–1500 m. N, B

racemosus (L.) All.

Annual. Graminoid. Ht up to 0.4 m. Alt 9–2300 m. N, B, LIM, NW, G, M, FS, KZN, L, NC, WC, EC

TRIBOLIUM Desv. 9904021

- (1) Renvoize. 1985. *Kew Bulletin* 40: 795–799.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 339–341.
- (3) Linder & Davidse. 1997. *Botanische Jahrbücher* 119: 445–507.

acutiflorum (Nees) Renvoize

Plagiochloa acutiflora (Nees) Adamson & Sprague (1)
Perennial, occ. annual. Graminoid. Ht 0.1–0.3 m. Alt 1–600 m. NC, WC

alternans (Nees) Renvoize = **T. uniolae****amplexum** Renvoize = **T. uniolae****brachystachyum** (Nees) Renvoize

Plagiochloa brachystachya (Nees) Adamson & Sprague (1)
Perennial. Graminoid. Ht up to 0.3 m. Alt 900–1700 m. WC

ciliare (Stapf) Renvoize

Plagiochloa ciliaris (Stapf) Adamson & Sprague (1)
Annual. Graminoid. Ht up to 0.1 m. Alt 50–150 m. WC

echinatum (Thunb.) Renvoize

Lasiochloa echinata (Thunb.) Adamson (1)
Annual. Graminoid. Ht up to 0.3 m. Alt 1–1200 m. NC, WC

hispidum (Thunb.) Desv.

Lasiochloa longifolia (Schrad.) Kunth (1)
Perennial. Graminoid. Ht up to 0.4 m. Alt 5–2000 m. NC, WC, EC

obliterum (Hemsl.) Renvoize

Plagiochloa oblitera (Hemsl.) Adamson & Sprague (1)
Perennial. Graminoid. Ht up to 0.4 m. Alt 6–600 m. WC

obtusifolium (Nees) Renvoize

Lasiochloa obtusifolia Nees (1)
Perennial. Graminoid. Ht up to 0.5 m. Alt 10–1800 m. WC, EC

pusillum (Nees) H.P.Linder & Davidse

Urochlaena pusilla Nees (3)
Annual. Graminoid. Ht up to 0.25 m. Alt 90–1000 m. NC, WC

uniolae (L.f.) Renvoize

Plagiochloa alternans (Nees) Adamson & Sprague (3)
Plagiochloa uniolae (L.f.) Adamson & Sprague var. *uniolae* (3)
Plagiochloa uniolae (L.f.) Adamson & Sprague var. *villosa* (Stapf) Adamson (3)
T. alternans (Nees) Renvoize (3)
T. amplexum Renvoize (3)
Perennial. Graminoid. Ht 0.1–0.6 m. Alt 0–1000 m. NC, WC, EC

utriculosum (Nees) Renvoize

Lasiochloa utriculosa Nees (1)
Annual. Graminoid. Ht up to 0.9 m. Alt 150–1000 m. NC

TRICHOLAENA Schrad. in Schult. 9901330

- (1) Zizka. 1988. *Bibliotheca Botanica* 138: 36–50.
- (2) Zizka. 1989 *FZ* 10,3: 113–128.
- (3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 341, 342.

arenaria Nees = **T. capensis** subsp. **arenaria**

arenaria Nees var. *glauca* (Hack.) Stapf = **T. capensis** subsp. **arenaria**

capensis (Licht. ex Roem. & Schult.) Nees subsp. **arenaria** (Nees) Zizka

T. arenaria Nees (1)
T. arenaria Nees var. *glauca* (Hack.) Stapf (1)

Perennial. Graminoid. Ht 0.2–0.6 m. Alt 900–1500 m. N

capensis (Licht. ex Roem. & Schult.) Nees subsp. **capensis**

Perennial. Graminoid. Ht 0.2–0.6 m. Alt 150–1500 m. N, FS, NC, WC

monachne (Trin.) Stapf & C.E.Hubb.

T. monachne (Trin.) Stapf & C.E.Hubb. var. *annua* J.G.Anderson (1)
Perennial, occ. annual. Graminoid. Ht up to 1.2 m. Alt 5–2100 m. N, B, LIM, NW, G, M, S, FS, KZN, NC

monachne (Trin.) Stapf & C.E.Hubb. var. *annua* J.G.Anderson = **T. monachne**

TRICHONEURA Andersson 9903530

- (1) Launert. 1970. *FSWA* 160: 209, 210.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 342–344.
- (3) Cope. 1999. *FZ* 10,2: 43–45

eleusinoides (Rendle) Ekman

Annual. Graminoid. Ht 0.09–0.35 m. Alt 600–1200 m. N

grandiglumis (Nees) Ekman

T. grandiglumis (Nees) Ekman var. *grandiglumis* (3)
T. grandiglumis (Nees) Ekman var. *minor* (Rendle) Chippind. (3)
Perennial. Graminoid. Ht 0.22–0.63 m. Alt 100–2100 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

grandiglumis (Nees) Ekman var. *grandiglumis* = **T. grandiglumis**

grandiglumis (Nees) Ekman var. *minor* (Rendle) Chippind. = **T. grandiglumis**

TRICHOPTERYX Nees 9901750

- (1) Clayton. 1989. *FZ* 10,3: 213–216.
- (2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 344.

dregeana Nees

Perennial. Graminoid. Ht up to 900 m. Alt 30–1800 m. N, LIM, M, S, KZN, EC

ramosa Stapf = **Danthoniopsis ramosa**

TRIPOGON Roem. & Schult. 9903180

- (1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 345.
- (2) Cope. 1999. *FZ* 10,2: 29–32.

abyssinicus in sense of Chippind., not of Nees ex Steud., misapplied name = **T. minimus**

minimus (A.Rich.) Steud.

T. abyssinicus in sense of Chippind., not of Nees ex Steud., misapplied name (1)
Perennial. Graminoid. Ht 0.08–0.22 m. Alt 100–1600 m. N, B, LIM, NW, G, M, S, KZN

TRIRAPHIS R.Br. 9903500

- (1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 124–127.
- (2) Launert. 1970. *FSWA* 160: 210–213.
- (3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 345–347.
- (4) Cope. 1999. *FZ* 10,2: 20–23.

andropogonoides (Steud.) E.Phillips

T. rehmannii Hack. (4)
Perennial. Graminoid. Ht up to 1.22 m. Alt 70–1900 m. B?, LIM, NW, G, M, FS, KZN, NC, WC, EC

elliottii Rendle = **T. ramosissima**

fleckii Hack. = **T. purpurea**

pumilio R.Br.

Annual. Graminoid. Ht 0.04–0.22 m. Alt 0–500 m. N

purpurea Hack.

T. fleckii Hack. (3)

Annual. Graminoid. Ht 0.09–0.77 m. Alt 100–1200 m. N, B, NW, NC

ramosissima Hack.

T. elliottii Rendle (3)

Perennial. Graminoid. Ht 0.25–0.81 m. Alt 400–2000 m. N, NC

rehmannii Hack. = **T. andropogonoides**

schinzii Hack.

T. schlechteri Pilg. ex Stent (3)

Perennial. Graminoid. Ht up to 1.5 m. Alt 20–1400 m. N, B, LIM, NW, KZN

schlechteri Pilg. ex Stent = **T. schinzii**

TRisetARIA Forssk. 9902590

pumila (Desf.) Maire = **Lophochloa pumila**

TRisetUM of author 9901930

pumilum (Desf.) Kunth = **Lophochloa pumila**

TRISTACHYA Nees 9901740

(1) Chippindall. 1955. In Meredith, *The grasses and pastures of South Africa*: 275–279.

(2) Conert. 1957. *Botanische Jahrbücher* 77: 295–319.

(3) Phipps. 1964. *Kirkia* 4: 87–124.

(4) Clayton. 1989. *FZ* 10,3: 204–211.

(5) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 347, 348.

(6) Lebrun & Stork. 1995. *Énumération des plantes à fleurs d'Afrique tropicale* 3: 289, 290.

biseriata Stapf

Perennial. Graminoid. Ht 0.3–0.9 m. Alt 1200–1900 m. LIM, NW, G, M

eylesii Stent & J.M.Ratray = **T. nodiglumis**

hispida (L.f.) K.Schum. = **T. leucothrix**

hitchockii (C.E.Hubb.) Conert = **T. lualabaensis**

leucothrix Nees

Apochaete hispida (L.f.) J.B.Phipps (5)

T. hispida (L.f.) K.Schum. (5)

Perennial. Graminoid. Ht up to 1.2 m. Alt 70–2400 m. LIM, NW, G, M, S, FS, KZN, L, WC, EC

longispiculata C.E.Hubb. = **T. nodiglumis**

lualabaensis (De Wild.) J.B.Phipps

T. hitchockii (C.E.Hubb.) Conert (4)

Perennial. Graminoid. Ht up to 1.4 m. Alt 900–1000 m. N, B

nodiglumis K.Schum.

T. eylesii Stent & J.M.Ratray (4)

T. longispiculata C.E.Hubb. (4)

Perennial. Graminoid. Ht up to 2 m. Alt 180–1000 m. N, B

rehmannii Hack.

Dolichochaete rehmannii (Hack.) J.B.Phipps (4)

Perennial. Graminoid. Ht 0.2–0.9 m. Alt 30–2000 m. N, B, LIM, NW, G, M, FS, KZN

superba (De Not.) Schweinf. & Asch.

Loudetia superba De Not. (4)

Perennial. Graminoid. Ht 1–3 m. Alt 900–1200 m. N, B

URELYTRUM Hack. 9900170

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 832–835.

(2) Gibbs Russell. 1982. *The Flowering Plants of Africa* 47: t. 1841.

(3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 349.

agropyroides (Hack.) Hack.

U. squarrosus Hack. (1)

Perennial. Graminoid. Ht up to 2 m. Alt 45–1800 m. N, B, LIM, NW, G, M, FS, KZN, NC, EC

squarrosus Hack. = **U. agropyroides**

UROCHLAENA Nees 9903680

pusilla Nees = **Tribolium pusillum**

UROCHLOA P.Beauv. 9901100

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 600–607.

(2) Burt *et al.* 1980. *Australian Journal of Botany* 28: 343–356.

(3) Webster. 1987. *The Australian Paniceae (Poaceae)*: 229–254.

(4) Clayton. 1989. *FZ* 10,3: 79–84.

(5) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 350–352.

bolbodes (Steud.) Stapf = **U. oligotricha**

brachyura (Hack.) Stapf

Annual. Graminoid. Ht up to 1.2 m. Alt 100–1800 m. N, B, LIM, NW, G, FS

engleri Pilg. = **U. trichopus**

mosambicensis (Hack.) Dandy

U. pullulans Stapf (4)

U. rhodesiensis Stent (4)

Perennial. Graminoid. Ht up to 1.7 m. Alt 30–2100 m. B, LIM, NW, G, M, S, FS, KZN

oligotricha (Fig. & De Not.) Henrard

U. bolbodes (Steud.) Stapf (4)

Perennial. Graminoid. Ht up to 1.2 m. Alt 300–1600 m. N, B, LIM, G, M, S

panicoides P.Beauv.

U. ruschii Pilg (1)

Annual. Graminoid, erect or prostrate and spreading. Ht/length up to 1 m. Alt 140–2200 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, EC

pullulans Stapf = **U. mosambicensis**

rhodesiensis Stent = **U. mosambicensis**

ruschii Pilg. = **U. panicoides**

stolonifera (Gooss.) Chippind.

Perennial. Graminoid. Ht up to 0.3 m. Alt 200–800 m. B, LIM, NC

trichopus (Hochst.) Stapf

U. engleri Pilg. (4)

Annual. Graminoid. Ht up to 1.7 m. Alt 300–1600 m. N, B, LIM, G, M

VETIVERIA Bory 9900490

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 739–741.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 352, 353.

(3) Veldkamp. 1999. *Austrobaileya* 5: 526.

nigritana (Benth.) Stapf

Perennial. Graminoid. Ht 1.5–3 m. Alt 300–1000 m. N, B

VOSSIA Wall. & Griff. 9900160

(1) Clayton & Renvoize. 1982. *FTEA* Gramineae (Part 3): 830–832.

(2) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 353.

cuspidata (Roxb.) Griff.

Perennial. Graminoid. Ht up to 2.5 m or floating. Alt 950–1200 m. N, B

***VULPIA C.C.Gmel.** 9904180

- (1) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 354, 355.
 (2) Sell & Murrell. 1996. *Flora of Great Britain and Ireland* 5: 152–154.

bromoides (L.) Gray

Annual. Graminoid. Ht 0.05–0.6 m. Alt 200–3000 m. M, FS, KZN, L, NC, WC, EC

fasciculata (Forssk.) Samp.

Annual. Graminoid. Ht 0.1–0.45 m. Alt 10–700 m. WC

muralis (Kunth) Nees

Perennial. Graminoid. Ht 0.06–0.7 m. Alt 150–2500 m. LIM, FS, NC, WC

myuros (L.) C.C.Gmel.

Annual. Graminoid. Ht 0.05–0.7 m. Alt 100–2900 m. FS, KZN, L, NC, WC, EC

WILLKOMMIA Hack. 9903100

- (1) Launert. 1970. *FSWA* 160: 49, 50 (under *Craspedorhachis*).
 (2) Clayton & Renvoize. 1986. *Kew Bulletin*, Additional Series 13: 239, 240.
 (3) Gibbs Russell *et al.* 1990. *Memoirs of the Botanical Survey of South Africa* No. 58: 355, 356.

annua Hack.

Annual. Graminoid. Ht up to 0.6 m. Alt 200–900 m. N

newtonii Hack.

Perennial, occ. annual. Graminoid. Ht up to 0.5 m. Alt 900–1200 m. N

sarmentosa Hack.

Craspedorhachis sarmentosa (Hack.) Pilg. (3)

Perennial. Graminoid. Ht up to 0.8 m. Alt 300–2000 m. N, B

PONTEDERIACEAE

Compiled by R.P. Glen & C.D.K. Cook

EICHHORNIA Kunth 0921000

- (1) Brown. 1902. *FTA* 8: 4, 5.
 (2) Wild. 1961. *Kirkia* 2: 6–11.
 (3) Hepper. 1968. *FWTA* 3,1: 110.
 (4) Obermeyer. 1985. *FSA* 4: 63–68.

***crassipes** (Mart.) Solms

Perennial. Herb, hydrophyte: pleustophyte. Ht 0.2–0.5 m. Alt 1–1650 m. LIM, NW, G, M, KZN, WC, EC

natans (P.Beauv.) Solms

Perennial. Herb, hydrophyte: epiphydate. Ht 0.2–1 m. Alt ± 1030 m. N, B

HETERANTHERA Ruiz & Pav. 0924000

- (1) Brown. 1902. *FTA* 8: 2–4.
 (2) Hepper. 1968. *FWTA* 3,1: 110, 111.
 (3) Obermeyer. 1985. *FSA* 4: 68, 69.

callifolia Rchb. ex Kunth

H. kotschyana Fenzl ex Solms (2)

Annual or perennial. Herb, hydrophyte: tenogophyte. Ht 0.2–0.4 m. Alt 900–1250 m. N, B, LIM, NW, G

kotschyana Fenzl ex Solms = **H. callifolia**

MONOCHORIA C.Presl 0920000

- (1) De Candolle & De Candolle. 1883. *Monographiae phanerogamarum* 4: 525.

- (2) Brown. 1902. *FTA* 8: 5, 6.
 (3) Verdcourt. 1961. *Kirkia* 1: 80, 81.
 (4) Obermeyer. 1985. *FSA* 4: 61–63.

africana (Solms) N.E.Br.

M. vaginalis (L.) C.Presl var. *africana* Solms (4)

Annual or perennial. Herb, hydrophyte: tenogophyte. Ht 0.3–0.75 m. Alt ± 450 m. LIM, M

vaginalis (L.) C.Presl var. *africana* Solms = **M. africana**

***PONTEDERIA L.** 0922000

- (1) Lowden. 1973. *Rhodora* 75: 426–487.
 (2) Obermeyer. 1985. *FSA* 4: 66–68.

cordata L. var. **ovalis** Solms

P. lanceolata Nutt. forma *ovalis* (Mart.) Castell. (1)

P. lanceolata Nutt. var. *vichadensis* Herman (1)

P. ovalis Mart. (1)

Perennial. Herb, hydrophyte: hyperphydate. Ht ± 1.2 m. Alt 20–1620 m. G, M, KZN

lanceolata Nutt. forma *ovalis* (Mart.) Castell. = **P. cordata** var. **ovalis**

lanceolata Nutt. var. *vichadensis* Herman = **P. cordata** var. **ovalis**

ovalis Mart. = **P. cordata** var. **ovalis**

POTAMOGETONACEAE

Compiled by R.P. Glen & C.D.K. Cook

POTAMOGETON L. 0058000

- (1) Bennett. 1895. *FC* 7: 45–49.
 (2) Obermeyer. 1966. *FSA* 1: 60–70.
 (3) Wiegand & Kaplan. 1998. *Folia Geobotanica* 33: 241–316.

crispus L.

Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 9–1200 m. LIM, NW, G, S, FS, KZN, EC

natans in sense of Thunb., not of L., misapplied name = **P. thunbergii**

octandrus Poir.

Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 5–1400 m. N, B, LIM, G, M, KZN

panormitanus Biv. = **P. pusillus**

pectinatus L.

Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 1–1740 m. N, NW, G, M, FS, KZN, NC, WC, EC

pusillus L.*P. panormitanus* Biv. (2)

Annual, occ. perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 300–2740 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

richardii Solms = **P. thunbergii****schweinfurthii** A.W.Benn.

Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 20–1560 m. N, B, LIM, NW, G, M, S, KZN, L, NC, WC, EC

thunbergii Cham. & Schldl.*P. natans* in sense of Thunb., not of L., misapplied name (2)*P. richardii* Solms (1, 3)

Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 300–2500 m. N, B, LIM, NW, G, M, S, FS, KZN, WC, EC

trichoides Cham. & Schldl.

Annual, occ. perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 300–2225 m. B, LIM, G, M, FS, KZN, WC, EC

PRIONIACEAE

Compiled by R.P. Glen & C.D.K. Cook

PRIONIUM E.Mey.

0930000

- (1) Baker. 1897. *FC* 7: 16–28.
- (2) Adamson & Salter. 1950. *Flora of the Cape Peninsula*: 161.
- (3) Obermeyer. 1985. *FSA* 4,2: 71–73.
- (4) Munro & Linder. 1998. *Systematic Botany* 23,1: 43–55.

palmita E.Mey. = **P. serratum****serratum** (L.f.) Drège ex E.Mey.*P. palmita* E.Mey. (2)

Perennial. Herb, hydrophyte: hyperhydate. Ht 0.33–2.13 m. Alt 35–830 m. KZN, WC, EC

RESTIONACEAE

Compiled by C. Archer

ANTHOCHORTUS Nees

0804170

- (1) Linder. 1984. *Bothalia* 15: 66.
- (2) Linder. 1985. *Bothalia* 15: 484–487.
- (3) Linder. 1990. *South African Journal of Botany* 56: 450–457.
- (4) Esterhuysen. 1990. In Linder in *South African Journal of Botany* 56: 454, 456.

capensis Esterh.

Perennial. Herb, restioid. Ht up to 0.2 m. Alt ?–760 m. WC

crinalis (Mast.) H.P.Linder*Hypolaena crinalis* (Mast.) Pillans (2)*Hypolaena tabularis* Pillans (2)*Restio crinalis* Mast. (2)*Restio oblongus* Mast. (2)

Perennial. Herb, restioid. Ht up to 0.6 m. Alt 670–1830 m.

WC

ecklonii Nees*Calorophus tenuis* (Mast.) Kuntze (2)*Hypolaena tenuis* Mast. (2)*Willdenowia ecklonii* (Nees) T.Durand & Schinz (2)

Perennial. Herb, restioid. Ht up to 0.3 m. Alt 670–1860 m.

WC, EC

graminifolius (Kunth) H.P.Linder*Hypolaena foliosa* Mast. (2)*Hypolaena graminifolia* (Kunth) Pillans (2)*Mastersiella foliosa* (Mast.) Gilg-Ben. (2)*Restio graminifolius* Kunth (2)

Perennial. Herb, restioid. Ht up to 0.2 m. Alt 335–1280 m.

WC

insignis (Mast.) H.P.Linder*Phyllocomos insignis* Mast. (2)

Perennial. Herb, restioid. Ht 0.5–0.7 m. Alt 450–1000 m.

WC

laxiflorus (Nees) H.P.Linder*Calorophus laxiflorus* (Nees) Kuntze (2)*Hypolaena laxiflora* Nees (2)*Hypolaena stokoei* Pillans (2)*Mastersiella laxiflora* (Nees) Gilg-Ben. (2)

Perennial. Herb, restioid. Ht 0.3–0.75 m. Alt 455–1005 m. WC

singularis Esterh.

Perennial. Herb, restioid. Ht 0.15–0.3 m. Alt ?–1000 m.

WC

ASKIDIOSPERMA Steud.

0804070

(1) Linder. 1985. *Bothalia* 15: 431–434.(2) Esterhuysen. 1985. In Linder in *Bothalia* 15: 432, 434.(3) Linder. 2001. *Nordic Journal of Botany* 21: 195–199.**albo-aristatum** (Pillans) H.P.Linder*Chondropetalum albo-aristatum* Pillans (1)

Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt ?–1370 m. WC

alticolum (Esterh.) H.P.Linder*A. chartaceum* (Pillans) H.P.Linder subsp. *alticolum* Esterh. (3)

Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt ?–1600 m. WC

andreaeanum (Pillans) H.P.Linder*Chondropetalum andreaeanum* Pillans (1)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.9–1.5 m. Alt ?–1830 m. WC

capitatum Steud.*Chondropetalum capitatum* (Steud.) Pillans (1)

Perennial. Dwarf shrub, restioid. Ht 0.3–0.4 m. Alt ?–1465 m. WC

chartaceum (Pillans) H.P.Linder*Chondropetalum chartaceum* (Pillans) Pillans (1)*Dovea chartacea* Pillans (1)

Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt ?–1065 m. WC

chartaceum (Pillans) H.P.Linder subsp. *alticolum* Esterh.= **A. alticolum**

delicatulum H.P.Linder

Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 1300–1600 m. WC

esterhuyseniae (Pillans) H.P.Linder

Chondropetalum esterhuyseniae Pillans (1)

Perennial. Dwarf shrub, restioid. Ht up to 0.75 m. Alt ?–1220 m. WC

insigne (Pillans) H.P.Linder

Chondropetalum insigne Pillans (1)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.7–1.82 m. Alt 1300–1800 m. WC

longiflorum (Pillans) H.P.Linder

Chondropetalum longiflorum Pillans (1)

Perennial. Dwarf shrub, restioid. Ht up to 0.5 m. Alt ?–1000 m. WC

nitidum (Mast.) H.P.Linder

Chondropetalum nitidum (Mast.) Pillans (1)

Dovea nitida Mast. (1)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.4–0.93 m. Alt 205–1675 m. WC

paniculatum (Mast.) H.P.Linder

Chondropetalum paniculatum (Mast.) Pillans (1)

Dovea paniculata Mast. (1)

Perennial. Dwarf shrub, restioid. Ht 0.6–0.8 m. Alt 245–1675 m. WC

rugosum Esterh.

Perennial. Dwarf shrub, restioid. Ht 0.6–1 m. Alt 200–700 m. WC

BOECKHIA Kunth

0804162

laevigata Kunth = **Hypodiscus laevigatus**

striata Kunth = **Hypodiscus striatus**

CALOPSIS P.Beauv. ex Desv.

0804100

(1) Linder. 1985. *Bothalia* 15: 464–471.

(2) Esterhuysen. 1985. In Linder in *Bothalia* 15: 464–471.

(3) Esterhuysen 1990. In Linder in *South African Journal of Botany* 56: 454.

adpressa Esterh.

Perennial. Dwarf shrub, restioid. Ht 0.2–0.7 m. Alt 20–500 m. WC

andreaeana (Pillans) H.P.Linder

Leptocarpus andreaeanus Pillans (1)

Perennial. Dwarf shrub, restioid. Ht 0.4–0.8 m. Alt 915–1540 m. WC

aspera (Mast.) H.P.Linder

Calorophus asper Kuntze (1)

Hypolaena aspera Mast. (1)

Leptocarpus asper (Mast.) Pillans (1)

Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt 0–450 m. WC

burchellii (Mast.) H.P.Linder

Leptocarpus burchellii Mast. (1)

Perennial. Dwarf shrub, restioid. Ht up to 0.5 m. Alt 75–490 m. WC, EC

clandestina Esterh.

Perennial. Dwarf shrub, restioid. Ht 0.2–0.3 m. Alt 0–1000 m. WC

dura Esterh.

Perennial. Dwarf shrub, restioid. Ht 0.15–0.3 m. Alt 900–1500 m. WC

esterhuyseniae (Pillans) H.P.Linder

Leptocarpus esterhuyseniae Pillans (1)

Perennial. Dwarf shrub, restioid. Ht 0.3–0.4 m. Alt 765–1770 m. WC

festucacea Kunth = **C. viminea****filiformis** (Mast.) H.P.Linder

Calorophus filiformis (Mast.) Kuntze (1)

Hypolaena filiformis Mast. (1)

Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt 75–610 m. WC

fruticosa (Mast.) H.P.Linder

Leptocarpus fruticosus Mast. (1)

Perennial. Dwarf shrub, restioid. Ht 0.17–0.75 m. Alt 8–200 m. WC

gracilis (Mast.) H.P.Linder

Calorophus gracilis (Mast.) Kuntze (1)

Hypolaena gracilis Mast. (1)

Leptocarpus gracilis (Mast.) Pillans (1)

Leptocarpus ramosissimus Pillans (1)

Perennial. Dwarf shrub, restioid. Ht up to 0.5 m. Alt 45–1100 m. WC

hirtella Kunth = **C. viminea****hyalina** (Mast.) H.P.Linder

Hypolaena hyalina Mast. (1)

Leptocarpus hyalinus (Mast.) Pillans (1)

Mastersiella hyalina (Mast.) Gilg-Ben. (1)

Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 50–610 m. WC

impolita (Kunth) H.P.Linder

Hypolaena impolita (Kunth) Mast. (1)

Leptocarpus impolitus (Kunth) Pillans (1)

Restio impolitus Kunth (1)

Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 200–210 m. WC

incurvata Pillans, illegitimate name = **C. viminea**

incurvata (Thunb.) Kunth, illegitimate name = **Willdenowia**

incurvata**levynsiae** (Pillans) H.P.Linder

Leptocarpus levynsiae Pillans (1)

Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt 900–1200 m. WC

marlothii (Pillans) H.P.Linder

Leptocarpus marlothii Pillans (1)

Perennial. Dwarf shrub, restioid. Ht 0.5–0.76 m. Alt 780–1370 m. WC

membranacea (Pillans) H.P.Linder

Calorophus burchellii (Mast.) Kuntze (1)

Hypolaena burchellii Mast. (1)

Leptocarpus membranaceus Pillans (1)

Perennial. Dwarf shrub, restioid. Ht up to 0.8 m. Alt 90–1220 m. WC

monostylis (Pillans) H.P.Linder

Leptocarpus monostylis Pillans (1)

Perennial. Dwarf shrub, restioid. Ht up to 0.45 m. Alt 900–1145 m. WC

muirii (Pillans) H.P.Linder

Leptocarpus muirii Pillans (1)

Perennial. Dwarf shrub, restioid. Ht up to 0.55 m. Alt ?–125 m. WC

neglecta Hochst. = **Restio multiflorus**

nudiflora (Pillans) H.P.Linder

Leptocarpus nudiflorus Pillans (1)

Perennial. Dwarf shrub, restioid. Ht 0.2–0.3 m. Alt 900–1500 m. WC

oxylepis Kunth = **C. viminea****paniculata** (Rottb.) Desv.

C. ramiflora (Nees) Kunth (1)

Leptocarpus paniculatus (Rottb.) Mast. (1)

Restio paniculatus Rottb. (1)

Restio pondoensis Mast. (1)
Restio ramiflorus Nees (1)
 Perennial. Shrub, restioid. Ht 0.2–2.43 m. Alt 18–1525 m.
 KZN, WC, EC

peronata Kunth = **C. viminea**

pulchra Esterh.

Perennial. Dwarf shrub, restioid. Ht 0.15–0.5 m. Alt 75–420 m. WC

ramiflora (Nees) Kunth = **C. paniculata**

rigida (Mast.) H.P.Linder

Leptocarpus rigidus Mast. (1)

Perennial. Dwarf shrub, restioid. Ht 0.4–0.8 m. Alt 915–1400 m. WC

rigorata (Mast.) H.P.Linder

Leptocarpus rigoratus Mast. (1)

Leptocarpus rigoratus Mast. var. *simulans* Pillans (1)

Perennial. Dwarf shrub, restioid. Ht up to 0.15 m. Alt 120–975 m. WC

sparsa Esterh.

Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt ?–300 m. WC

triticea (Rottb.) Kunth = **Restio triticeus**

viminea (Rottb.) H.P.Linder

C. festucacea Kunth (1)

C. hirtella Kunth (1)

C. incurvata Pillans, illegitimate name (1)

C. oxylepis Kunth (1)

C. peronata Kunth (1)

Leptocarpus festucaceus (Kunth) Mast. (1)

Leptocarpus incurvatus Pillans, illegitimate name (1)

Leptocarpus oxylepis (Kunth) Mast. (1)

Leptocarpus peronatus (Kunth) Mast. (1)

Leptocarpus peronatus (Kunth) Mast. var. *hirtellus* (Kunth) Mast. (1)

Leptocarpus vimineus (Rottb.) Pillans (1)

Leptocarpus vimineus (Rottb.) Pillans var. *hirtellus* (Kunth) Pillans (1)

Restio ecklonii Mast. (1)

Restio incurvatus Pillans, illegitimate name (1)

Restio pauciflorus Poir. (1)

Restio vimineus Rottb. (1)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.15–1 m.
 Alt 30–1755 m. NC, WC

CALOROPHUS Labill. 0804181

anceps (Mast.) Kuntze = **Platycaulos anceps**

asper Kuntze = **Calopsis aspera**

burchellii (Mast.) Kuntze = **Calopsis membranacea**

digitatus (Thunb.) Kuntze = **Mastersiella digitata**

filiformis (Mast.) Kuntze = **Calopsis filiformis**

gracilis (Mast.) Kuntze = **Calopsis gracilis**

laxiflorus (Nees) Kuntze = **Anthochortus laxiflorus**

tenuis (Mast.) Kuntze = **Anthochortus ecklonii**

virgatus (Mast.) Kuntze = **Restio debilis**

CANNOMOIS P.Beauv. ex Desv. 0804140

(1) Linder. 1985. *Bothalia* 15: 480–482.

(2) Linder. 1990. *South African Journal of Botany* 56: 453, 454.

acuminata (Kunth) Pillans, illegitimate name = **C. parviflora**

aristata Mast.

Perennial. Shrub, restioid. Ht up to 1 m. Alt 1000–1435 m.
 WC

cephalotes Desv. = **C. virgata**

complanatus Mast. = **C. parviflora**

congesta Mast.

C. scirpoides (Kunth) Mast. var. *minor* Pillans (1)

C. scirpoides (Kunth) Mast. var. *primosii* Pillans (1)

Perennial. Dwarf shrub, restioid. Ht up to 0.45 m. Alt 300–1450 m. WC

dregei Pillans = **C. scirpoides**

nitida (Mast.) Pillans

Perennial. Shrub, restioid. Ht 0.9–1 m. Alt 1000–1890 m.
 WC

parviflora (Thunb.) Pillans

C. acuminata (Kunth) Pillans, illegitimate name (1)

C. complanatus Mast. (1)

C. schlechteri Mast. (1)

C. simplex Kunth (1)

C. spicatus Mast. (1)

Elegia parviflora (Thunb.) Kunth (1)

Mesanthus macrocarpus Nees, illegitimate name (1)

Restio acuminatus Kunth, illegitimate name (1)

Restio parviflorus Thunb. (1)

Thamnochortus strictus Kunth (1)

Willdenowia compressa Thunb. (1)

Perennial. Dwarf shrub, restioid. Ht 0.4–1.1 m. Alt 90–1525 m. NC, WC

schlechteri Mast. = **C. parviflora**

scirpoides (Kunth) Mast.

C. dregei Pillans (1)

Thamnochortus scirpoides Kunth (1)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.9–1.52 m.
 Alt 245–1525 m. WC, EC

scirpoides (Kunth) Mast. var. *minor* Pillans = **C. congesta**

scirpoides (Kunth) Mast. var. *primosii* Pillans = **C. congesta**

simplex Kunth = **C. parviflora**

spicatus Mast. = **C. parviflora**

taylorii H.P.Linder

Perennial. Shrub, restioid. Ht 0.6–1.5 m. Alt 850–1450 m.
 WC

virgata (Rottb.) Steud.

C. cephalotes Desv. (1)

Elegia paniculata Pers., illegitimate name (1)

Restio elegans Poir. (1)

Restio scopa Thunb. (1)

Restio virgatus Rottb. (1)

Thamnochortus robustus Kunth (1)

Thamnochortus virgatus (Rottb.) Kunth (1)

Perennial. Shrub, restioid. Ht 0.75–3.96 m. Alt 185–1800 m. NC, WC, EC

CERATOCARYUM Nees 0804130

(1) Linder. 1985. *Bothalia* 15: 479, 480.

(2) Linder. 1995. *South African Journal of Botany* 61: 222–225.

(3) Linder. 2001. *Kew Bulletin* 56: 465–477.

argenteum Kunth

Willdenowia argentea (Kunth) Hieron. (1)

Perennial. Shrub, restioid. Ht 0.76–3 m. Alt 7–1100 m.
 WC

caespitosum H.P.Linder

Perennial. Shrub, restioid. Ht up to 1 m. Alt 100–500 m.
 WC

decipiens (N.E.Br.) H.P.Linder

Willdenowia decipiens N.E.Br. (1)

Perennial. Shrub, restioid. Ht 0.91–1.52 m. Alt 305–2000 m. WC

fimbriatum (Kunth) H.P.Linder

Willdenowia esterhuyseniae Pillans (1)

Willdenowia fimbriata Kunth (1)

Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 30–1370 m. WC

fistulosum Mast.

Willdenowia fistulosa (Mast.) Pillans (1)

- Perennial. Dwarf shrub, restioid. Ht 0.6–1.5 m. Alt 600–750 m. WC
- persistens** H.P.Linder
Perennial. Shrub, restioid. Ht 1–1.5 m. Alt 300–500 m. WC
- pulchrum** H.P.Linder
Perennial. Dwarf shrub, restioid. Ht 0.5–0.7 m. Alt ?–200 m. WC
- xerophilum** (Pillans) H.P.Linder
Willdenowia xerophila Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.4–0.6 m. Alt 1000–2000 m. WC
- CHONDROPETALUM** Rottb. 0804050
(1) Linder. 1985. *Bothalia* 15: 427–430.
- acockii** Pillans
Perennial. Shrub or dwarf shrub, restioid. Ht 0.6–1.5 m. Alt ?–105 m. WC
- aggregatum** (Mast.) Pillans
Dovea aggregata Mast. (1)
Perennial. Shrub, dwarf shrub, restioid. Ht 0.6–1.1 m. Alt ?–1560 m. WC
- albo-aristatum* Pillans = **Askidiosperma albo-aristatum**
andreaeanum Pillans = **Askidiosperma andreaeanum**
capitatum (Steud.) Pillans = **Askidiosperma capitatum**
chartaceum (Pillans) Pillans = **Askidiosperma chartaceum** subsp. **chartaceum**
- decipiens** Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.3–0.7 m. Alt 300–900 m. WC
- deustum** Rottb.
Elegia deusta (Rottb.) Kunth (1)
Restio chondropetalum Nees, illegitimate name (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.3 m. Alt 250–1000 m. WC
- ebracteatum** (Kunth) Pillans
Dovea ebracteata Kunth (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.4–0.9 m. Alt 460–1770 m. WC
- esterhuyseniae* Pillans = **Askidiosperma esterhuyseniae**
- hookerianum** (Mast.) Pillans
Dovea bolusii Mast. (1)
Dovea hookeriana Mast. (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.25–1 m. Alt 10–1770 m. WC
- insigne* Pillans = **Askidiosperma insigne**
longiflorum Pillans = **Askidiosperma longiflorum**
macrocarpum (Kunth) Pillans = **Dovea macrocarpa**
- marlothii** (Pillans) Pillans
Dovea marlothii Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.6–0.7 m. Alt ?–1000 m. WC
- microcarpum** (Kunth) Pillans
Dovea microcarpa Kunth (1)
Dovea rigens Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.1–0.4 m. Alt 5–500 m. WC, EC
- mucronatum** (Nees) Pillans
Dovea mucronata (Nees) Mast. (1)
Elegia mucronata (Nees) Kunth (1)
Elegia panicoides Kunth (1)
Restio mucronatus Nees (1)
Perennial. Shrub, restioid. Ht 0.6–2 m. Alt 120–1465 m. WC

- nitidum* (Mast.) Pillans = **Askidiosperma nitidum nudum** Rottb.
Cucullifera dura Nees, illegitimate name (1)
Dovea nuda (Rottb.) Pillans (1)
Elegia elongata Mast. (1)
Elegia nuda (Rottb.) Kunth (1)
Restio acuminatus Thunb., illegitimate name (1)
Restio nudus (Rottb.) Nees (1)
Perennial. Dwarf shrub, restioid. Ht 0.4–0.6 m. Alt 5–500 m. WC
- paniculatum* (Mast.) Pillans = **Askidiosperma paniculatum rectum** (Mast.) Pillans
Dovea recta Mast. (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.45 m. Alt 15–155 m. WC
- tectorum** (L.f.) Raf.
Dovea cylindrostachya Mast. (1)
Dovea tectorum (L.f.) Mast. (1)
Restio tectorum L.f. (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.45–2.28 m. Alt 5–120 m. WC, EC
- CRASPEDOLEPIS** Steud. 0804092
verreauxii Steud. = **Restio filiformis**
- CUCULLIFERA** Nees 0804055
dura Nees, illegitimate name = **Chondropetalum nudum**
- DOVEA** Kunth 0804060
(1) Linder. 1985. *Bothalia* 15: 431.
aggregata Mast. = **Chondropetalum aggregatum**
binata Steud. = **Hypodiscus laevigatus**
bolusii Mast. = **Chondropetalum hookerianum**
chartacea Pillans = **Askidiosperma chartaceum**
cylindrostachya Mast. = **Chondropetalum tectorum**
ebracteata Kunth = **Chondropetalum ebracteatum**
hookeriana Mast. = **Chondropetalum hookerianum**
macrocarpa Kunth
Chondropetalum macrocarpum (Kunth) Pillans (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.45–1.5 m. Alt 335–1100 m. WC
- marlothii* Pillans = **Chondropetalum marlothii**
microcarpa Kunth = **Chondropetalum microcarpum**
mucronata (Nees) Mast. = **Chondropetalum mucronatum**
nitida Mast. = **Askidiosperma nitidum**
nuda (Rottb.) Pillans = **Chondropetalum nudum**
paniculata Mast. = **Askidiosperma paniculatum**
racemosa (Poir.) Mast. = **Elegia racemosa**
recta Mast. = **Chondropetalum rectum**
rigens Mast. = **Chondropetalum microcarpum**
tectorum (L.f.) Mast. = **Chondropetalum tectorum**
thyrsoidea Mast. = **Elegia thyrsoidea**
- ELEGIA** L. 0804040
(1) Pillans. 1928. *Transactions of the Royal Society of South Africa* 16: 313–342.
(2) Pillans. 1942. *Transactions of the Royal Society of South Africa* 29: 343–346.
(3) Pillans. 1944. *Transactions of the Royal Society of South Africa* 30: 257–265.
(4) Linder. 1985. *Bothalia* 15: 418–427.
(5) Esterhuysen. 1985. In Linder in *Bothalia* 15: 421, 423.

acuminata Mast. = **E. thyrsoifera**

altigena Pillans

Perennial. Dwarf shrub, restioid. Ht up to 0.5 m. Alt ?–1800 m. WC

amoena Pillans = **E. racemosa**

asperiflora (Nees) Kunth

E. asperiflora (Nees) Kunth var. *lacerata* (Pillans) Pillans (4)

E. ciliata Mast., illegitimate name (1)

E. dregeana Kunth (1)

E. glauca Mast. (4)

E. lacerata Pillans (4)

Restio asperiflorus Nees (1)

Perennial. Dwarf shrub, restioid. Ht 0.38–1 m. Alt 30–1740 m. M, WC, EC

asperiflora (Nees) Kunth var. *lacerata* (Pillans) Pillans = **E. asperiflora**

atratiflora Esterh.

Perennial. Dwarf shrub, restioid. Ht 0.4–0.7 m. Alt 300–900 m. WC

bella Pillans = **E. racemosa**

caespitosa Esterh.

Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 70–250 m. WC

capensis (Burm.f.) Schelpe

E. verticillaris (L.f.) Kunth (4)

Equisetum capense Burm.f. (4)

Restio verticillaris L.f. (4)

Perennial. Shrub, restioid. Ht 0.2–2.5 m. Alt 155–1295 m. WC, EC

ciliata Mast., illegitimate name = **E. asperiflora**

coleura Mast.

E. exilis Mast. (1)

Perennial. Dwarf shrub, restioid. Ht 0.3–0.7 m. Alt 215–610 m. WC, EC

cuspidata Mast.

Perennial. Dwarf shrub, restioid. Ht 0.3–0.75 m. Alt 75–120 m. WC

deusta (Rottb.) Kunth = **Chondropetalum deustum**

dregeana Kunth = **E. asperiflora**

elongata Mast. = **Chondropetalum nudum**

equisetacea (Mast.) Mast.

E. propinqua (Nees) Kunth var. *equisetacea* Mast. (4)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.6–1.2 m. Alt 90–1145 m. WC, EC

esterhuyseniae Pillans

E. esterhuyseniae Pillans var. *dispar* Pillans (4)

Perennial. Dwarf shrub, restioid. Ht 0.3–0.4 m. Alt 1000–2075 m. WC

esterhuyseniae Pillans var. *dispar* Pillans = **E. esterhuyseniae**

exilis Mast. = **E. coleura**

extensa Pillans

Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt ± 50–300 m. WC

fastigiata Mast.

Perennial. Dwarf shrub, restioid. Ht 0.2–0.5 m. Alt ?–460 m. WC

fenestrata Pillans

Perennial. Shrub, restioid. Ht up to 1.8 m. Alt ?–100 m. WC

filacea Mast.

E. gracilis N.E.Br. (4)

E. parviflora Pillans, illegitimate name (4)

E. parviflora Pillans var. *filacea* (Mast.) Pillans (4)

E. rehmannii Mast. (4)

Perennial. Dwarf shrub, restioid. Ht 0.2–0.8 m. Alt 15–2100 m. WC, EC

fistulosa Kunth

E. fistulosa Kunth var. *parviflora* Pillans (4)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.6–1.5 m. Alt 15–765 m. WC, EC

fistulosa Kunth var. *parviflora* Pillans = **E. fistulosa**

fucata Esterh.

Perennial. Dwarf shrub, restioid. Ht 0.15–0.3 m. Alt ?–1525 m. WC

fusca N.E.Br. = **E. racemosa**

galpinii N.E.Br.

Perennial. Shrub or dwarf shrub, restioid. Ht 0.5–1.8 m. Alt 490–1400 m. WC

glauca Mast. = **E. asperiflora**

gracilis N.E.Br. = **E. filacea**

grandis (Nees) Kunth

Lamprocaulis grandis (Nees) Nees (1)

Restio grandis Nees (1)

Perennial. Shrub, restioid. Ht up to 1 m. Alt 475–1620 m. WC

grandispicata H.P.Linder

Perennial. Shrub, restioid. Ht 0.8–1.5 m. Alt 1200–1800 m. WC

hutchinsonii Pillans

Perennial. Dwarf shrub, restioid. Ht up to 0.45 m. Alt 90–1770 m. WC

intermedia (Steud.) Pillans

E. membranacea (Nees) Kunth (1)

Restio intermedius Steud. (1)

Restio membranaceus Nees (1)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.6–1.5 m. Alt 670–1370 m. WC

juncea L.

E. juncea L. var. *geniculata* Pillans (4)

E. propinqua (Nees) Kunth (1)

E. propinqua (Nees) Kunth var. *minor* Mast. (4)

Restio elegia Murray, illegitimate name (1)

Restio junceus (L.) Nees (1)

Restio propinquus Nees (1)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.5–2 m. Alt 40–1525 m. WC, EC

juncea L. var. *geniculata* Pillans = **E. juncea**

lacerata Pillans = **E. asperiflora**

membranacea (Nees) Kunth = **E. intermedia**

mucronata (Nees) Kunth = **Chondropetalum mucronatum**

muirii Pillans

Perennial. Shrub or dwarf shrub, restioid. Ht 0.45–1.5 m. Alt 10–500 m. WC

neesii Mast.

Lamprocaulis neesii (Mast.) Mast. (1)

Lamprocaulis schlechteri Gilg-Ben. (1)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.3–2 m. Alt 115–2000 m. WC, EC

nuda (Rottb.) Kunth = **Chondropetalum nudum**

obtusiflora Mast. = **E. rigida**

panicoides Kunth = **Chondropetalum mucronatum**

paniculata Pers., illegitimate name = **Cannomois virgata**

parviflora Pillans, illegitimate name = **E. filacea**

parviflora Pillans var. *filacea* (Mast.) Pillans = **E. filacea**

parviflora Pillans var. *rigida* (Mast.) Pillans = **E. rigida**
parviflora (Thunb.) Kunth = **Cannomois parviflora**
pectinata Pillans = **E. squamosa**

persistens Mast.

Perennial. Shrub, restioid. Ht up to 1 m. Alt 35–1220 m. WC

prominens Pillans

Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt ?–50 m. WC

propinqua (Nees) Kunth = **E. juncea**

propinqua (Nees) Kunth var. *equisetacea* Mast. = **E. equisetacea**

propinqua (Nees) Kunth var. *minor* Mast. = **E. juncea**

racemosa (Poir.) Pers.

Dovea racemosa (Poir.) Mast. (1)

E. amoena Pillans (4)

E. bella Pillans (4)

E. fusca N.E.Br. (1)

Restio racemosus Poir. (1)

Perennial. Dwarf shrub, restioid. Ht 0.6–1 m. Alt 305–1830 m. WC, EC

rehmannii Mast. = **E. filacea**

rigida Mast.

E. obtusiflora Mast. (4)

E. parviflora Pillans var. *rigida* (Mast.) Pillans (4)

E. spathacea Mast. var. *attenuata* Pillans (4)

Perennial. Dwarf shrub, restioid. Ht 0.2–0.6 m. Alt 300–900 m. WC

spathacea Mast.

Perennial. Shrub or dwarf shrub, restioid. Ht 0.3–1.5 m. Alt 50–1525 m. WC

spathacea Mast. var. *attenuata* Pillans = **E. rigida**

squamosa Mast.

E. pectinata Pillans (1)

Perennial. Dwarf shrub, restioid. Ht 0.1–0.2 m. Alt 120–155 m. WC

stipularis Mast.

Perennial. Shrub or dwarf shrub, restioid. Ht 0.3–1 m. Alt 15–500 m. WC

stokoei Pillans

Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 914–1070 m. WC

thyrsifera (Rottb.) Pers.

E. acuminata Mast. (1)

Restio thyrsifer Rottb. (1)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.9–2 m. Alt 30–1000 m. WC, EC

thyrsoidea (Mast.) Pillans

Dovea thyrsoidea Mast. (1)

Perennial. Shrub, restioid. Ht 1.3–1.8 m. Alt 200–1220 m. WC, EC

vaginulata Mast.

Perennial. Dwarf shrub, restioid. Ht 0.2–0.55 m. Alt 100–1525 m. WC, EC

verreauxii Mast.

Perennial. Dwarf shrub, restioid. Ht up to 0.3 m. Alt 100–120 m. WC

verticillaris (L.f.) Kunth = **E. capensis**

HYDROPHILUS H.P.Linder 0804160

(1) Linder. 1984. *Bothalia* 15: 66.

(2) Linder. 1985. *Bothalia* 15: 484.

rattrayi (Pillans) H.P.Linder

Leptocarpus rattrayi Pillans (1)

Perennial. Dwarf shrub, restioid. Ht 0.6–0.76 m. Alt 765–1980 m. WC, EC

HYPODISCUS Nees

0804190

(1) Pillans. 1928. *Transactions of the Royal Society of South Africa* 16: 399–410.

(2) Pillans. 1942. *Transactions of the Royal Society of South Africa* 29: 353–355.

(3) Pillans. 1952. *Journal of South African Botany* 18: 121, 122.

(4) Linder. 1985. *Bothalia* 15: 488–493.

(5) Esterhuysen. 1985. In Linder in *Bothalia* 15: 489, 490, 492.

albo-aristatus (Nees) Mast.

H. albo-aristatus (Nees) Mast. var. *oliverianus* (Mast.) Pillans (4)

H. capitatus Mast. (1)

H. duplicatus Hochst. (1)

H. oliverianus Mast. (4)

Restio albo-aristatus Nees (1)

Perennial. Dwarf shrub, restioid. Ht 0.3–0.76 m. Alt 20–3400 m. WC, EC

albo-aristatus (Nees) Mast. var. *oliverianus* (Mast.) Pillans = **H. albo-aristatus**

alternans Pillans

Perennial. Dwarf shrub, restioid. Ht 0.3–0.55 m. Alt ?–300 m. WC

argenteus (Thunb.) Mast.

Restio argenteus Thunb. (1)

Thamnochortus argenteus (Thunb.) Kunth (4)

Willdenowia simplex N.E.Br. (1)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.45–1.5 m. Alt 75–2300 m. WC, EC

aristatus (Thunb.) C.Krauss

H. aristatus (Thunb.) C.Krauss var. *bicolor* Mast. (1)

H. aristatus (Thunb.) C.Krauss var. *protractus* (Mast.) Pillans (4)

H. protractus Mast. (4)

Restio aristatus Thunb. (1)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.4–1.2 m. Alt 50–1450 m. WC, EC

aristatus (Thunb.) C.Krauss var. *bicolor* Mast. = **H. aristatus**
aristatus (Thunb.) C.Krauss var. *protractus* (Mast.) Pillans = **H. aristatus**

binatus (Steud.) Mast. = **H. laevigatus**

capitatus Mast. = **H. albo-aristatus**

dodii Mast. = **Willdenowia humilis**

duplicatus Hochst. = **H. albo-aristatus**

eximius Mast. = **H. neesii**

gracilis Mast. = **H. striatus**

laevigatus (Kunth) H.P.Linder

Boeckhia laevigata Kunth (4)

Dovea binata Steud. (4)

H. binatus (Steud.) Mast. (4)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.6–1 m. Alt 260–1370 m. WC, EC

montanus Esterh.

Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt 1500–1630 m. WC

neesii Mast.

H. eximius Mast. (1)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.5–0.9 m. Alt 45–1800 m. WC

oliverianus Mast. = **H. albo-aristatus**

paludosus Pillans = **H. rugosus**

parkeri Pillans = **H. rugosus**

procurrens Esterh.

Perennial. Dwarf shrub, restioid. Ht 0.15–0.2 m. Alt ?–60 m. WC

protractus Mast. = **H. aristatus**

rigidus Mast.

Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 20–600 m. WC

rugosus Mast.

H. paludosus Pillans (4)

H. parkeri Pillans (4)

H. tristachyus Mast. (4)

H. zeyheri Mast. (4)

Perennial. Dwarf shrub, restioid. Ht 0.2–0.3 m. Alt ?–245 m. WC

squamosus Esterh.

Perennial. Dwarf shrub, restioid. Ht 0.15–0.6 m. Alt 900–1220 m. WC

striatus (Kunth) Mast.

Boeckhia striata Kunth (1)

H. gracilis Mast. (1)

Perennial. Dwarf shrub, restioid. Ht 0.3–0.76 m. Alt 45–1900 m. NC, WC, EC

sulcatus Pillans

Perennial. Dwarf shrub, restioid. Ht 0.2–0.4 m. Alt ?–945 m. WC

synchroolepis (Steud.) Mast.

Restio synchroolepis Steud. (1)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.4–0.6 m. Alt 330–1570 m. WC, EC

tristachyus Mast. = **H. rugosus**

willdenowia (Nees) Mast.

Lepidanthus willdenowia Nees (1)

Restio sulcatus Kunth, illegitimate name (1)

Perennial. Shrub or dwarf shrub, restioid. Ht up to 0.4 m. Alt 70–1370 m. WC, EC

zeyheri Mast. = **H. rugosus**

HYPOLAENA R.Br. 0804182

anceps Mast. = **Platycaulos anceps**

aspera Mast. = **Calopsis aspera**

bachmannii Mast. = **Restio triticeus**

browniana Mast. = **Restio debilis**

burchellii Mast. = **Calopsis membranacea**

conspicua Mast. = **Restio dispar**

crinalis (Mast.) Pillans = **Anthochortus crinalis**

decipiens N.E.Br. = **Restio decipiens**

diffusa Mast. = **Restio versatilis**

digitata (Thunb.) Pillans = **Mastersiella digitata**

eckloniana Mast. = **Mastersiella digitata**

filiformis Mast. = **Calopsis filiformis**

foliola Mast. = **Anthochortus graminifolius**

gracilis Mast. = **Calopsis gracilis**

graminifolia (Kunth) Pillans = **Anthochortus graminifolius**

hyalina Mast. = **Calopsis hyalina**

impolita (Kunth) Mast. = **Calopsis impolita**

incerta Mast. = **Mastersiella digitata**

laxiflora Nees = **Anthochortus laxiflorus**

membranacea Mast. = **Restio dodii**

purpurea Pillans = **Mastersiella purpurea**

schlechteri Mast. = **Restio occultus**

spathulata Pillans = **Mastersiella spathulata**

stokoei Pillans = **Anthochortus laxiflorus**

subtilis Mast. = **Restio debilis**

tabularis Pillans = **Anthochortus crinalis**

tenuis Mast. = **Anthochortus ecklonii**

tenuissima Pillans = **Ischyrolepis tenuissima**

virgata Mast. = **Restio debilis**

ISCHYROLEPIS Steud. 0804030

(1) Linder. 1985. *Bothalia* 15: 397–418.

(2) Esterhuysen. 1985. In Linder in *Bothalia* 15: 397–418.

(3) Linder. 1990. *South African Journal of Botany* 56: 456, 457.

affinis Esterh.

Perennial. Dwarf shrub, restioid. Ht 0.5–0.7 m. Alt ?–1050 m. WC

arida (Pillans) H.P.Linder

Restio aridus Pillans (1)

Perennial. Dwarf shrub, restioid. Ht 0.3–0.4 m. Alt ?–1980 m. NC, WC

caespitosa Esterh.

Perennial. Dwarf shrub, restioid. Ht 0.1–0.2 m. Alt ?–600 m. WC

capensis (L.) H.P.Linder

Restio cuspidatus Thunb. (1)

Restio dichotomus L., illegitimate name (1)

Restio sprengelii Mast. (1)

Restio squarrosus Poir. (1)

Schoenus capensis L. (1)

Thamnochortus dichotomus (L.) Spreng., illegitimate name (1)

Perennial. Dwarf shrub, restioid. Ht 0.25–0.68 m. Alt 2–1555 m. NC, WC, EC

cincinnata (Mast.) H.P.Linder

Restio cincinnatus Mast. (1)

Perennial. Dwarf shrub, restioid. Ht 0.2–0.5 m. Alt 25–610 m. NC, WC

coactilis (Mast.) H.P.Linder

Restio coactilis Mast. (1)

Perennial. Dwarf shrub, restioid. Ht 0.15–0.3 m. Alt ?–600 m. WC

curvibracteata Esterh.

Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt 1200–1595 m. WC

curviramis (Kunth) H.P.Linder

Restio curviramis Kunth (1)

Perennial. Dwarf shrub, restioid. Ht 0.2–0.5 m. Alt 305–1830 m. WC

distracta (Mast.) H.P.Linder

Restio distractus Mast. (1)

Restio laniger Kunth var. *distractus* (Mast.) Pillans (1)

Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt ?–2000 m. WC, EC

duthieae (Pillans) H.P.Linder

Restio duthieae Pillans (1)

Perennial. Dwarf shrub, restioid. Ht up to 0.5 m. Alt 40–400 m. WC

eleocharis (Mast.) H.P.Linder

Restio eleocharis Mast. (1)

Perennial. Dwarf shrub, restioid. Ht 0.15–0.4 m. Alt 5–230 m. WC, EC

- esterhuyseniae** (Pillans) H.P.Linder
Restio esterhuyseniae Pillans (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt ?–1800 m. WC
- feminea** Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.15–0.3 m. Alt ?–50 m. WC
- fraterna** (Kunth) H.P.Linder
Restio fraternus Kunth (1)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.4 m. Alt 625–1675 m. WC
- fuscidula** (Pillans) H.P.Linder
Restio fusciculatus Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt 900–1700 m. WC
- gaudichaudiana** (Kunth) H.P.Linder
Restio cirratus Mast. (1)
Restio elatus Mast. (1)
Restio ferruginosus Kunth (1)
Restio gaudichaudianus Kunth var. *gaudichaudianus* (1)
Restio gaudichaudianus Kunth var. *luxurians* Pillans (1)
Restio gaudichaudianus Kunth var. *microstachyus* Mast., illegitimate name (1)
Restio luceanus Kunth (1)
Perennial. Dwarf shrub, restioid. Ht 0.35–1.5 m. Alt 20–2100 m. WC, EC
- gossypina** (Mast.) H.P.Linder
Restio gossypinus Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–1.4 m. Alt 460–1830 m. NC, WC
- helenae** (Mast.) H.P.Linder
Restio helenae Mast. (1)
Restio procurrentis Mast. (1)
Restio productus Mast. (1)
Perennial. Dwarf shrub, restioid. Ht up to 2 m. Alt 200–670 m. KZN, WC, EC
- hystrix** (Mast.) H.P.Linder
Restio hystrix Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.5–1.5 m. Alt 305–1950 m. WC, EC
- karooica** Esterh.
Perennial. Dwarf shrub, restioid. Ht up to 0.3 m. Alt ?–1000 m. WC
- laniger** (Kunth) H.P.Linder
Restio laniger Kunth var. *laniger* (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 305–2100 m. NC, WC
- leptoclados** (Mast.) H.P.Linder
Restio leptoclados Mast. (1)
Restio penicillatus Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 10–250 m. WC
- longiaristata** H.P.Linder
Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 450–1000 m. NC, WC
- macer** (Kunth) H.P.Linder
Restio macer Kunth (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 60–1370 m. NC, WC
- marlothii** (Pillans) H.P.Linder
Restio marlothii Pillans (1)
Restio marlothii Pillans var. *parviflorus* Pillans (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt ?–1525 m. NC, WC
- monanthos** (Mast.) H.P.Linder
Restio monanthos Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–1 m. Alt 200–1160 m. NC, WC
- nana** Esterh.
Perennial. Dwarf shrub, restioid. Ht up to 0.2 m. Alt ?–1950 m. WC
- nubigena** Esterh.
Perennial. Dwarf shrub, restioid. Ht up to 1 m. Alt 1650–2010 m. WC
- ocreata** (Kunth) H.P.Linder
Restio ocreatus Kunth (1)
Perennial. Dwarf shrub, restioid. Ht 0.4–1.5 m. Alt 700–1830 m. NC, WC
- paludosa** (Pillans) H.P.Linder
Restio paludosus Pillans (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt ?–1200 m. WC
- papillosa** Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.15–0.5 m. Alt 0–300 m. WC, EC
- pratensis** Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.15–0.2 m. Alt 0–300 m. WC
- pygmaea** (Pillans) H.P.Linder
Restio pygmaeus Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.07–0.2 m. Alt 1500–2200 m. WC
- rivula** Esterh.
Perennial. Dwarf shrub, restioid. Ht up to 0.8 m. Alt 900–1300 m. WC
- rottboellioides** (Kunth) H.P.Linder
Restio rottboellioides Kunth (1)
Perennial. Dwarf shrub, restioid. Ht up to 0.2 m. Alt 800–1200 m. NC, WC
- sabulosa** (Pillans) H.P.Linder
Restio sabulosus Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.4 m. Alt ?–50 m. WC
- saxatilis** Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.15–0.3 m. Alt 300–1200 m. WC
- schoenoides** (Kunth) H.P.Linder
Restio schoenoides Kunth (1)
Restio sieberi Kunth var. *schoenoides* (Kunth) Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.6 m. Alt 125–2475 m. LIM, M, FS, KZN, L, WC, EC
- setiger** (Kunth) H.P.Linder
Restio fiurenoides Kunth (1)
Restio setiger Kunth (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 900–1200 m. WC
- sieberi** (Kunth) H.P.Linder
Restio consimilis Mast. (1)
Restio divaricatus Mast. (1)
Restio intermedius Kunth, illegitimate name (1)
Restio neesii Mast. (1)
Restio pycnostachyus Mast.
Restio scoparius Kunth (1)
Restio sieberi Kunth (1)
Restio sieberi Kunth var. *venustus* (Kunth) Pillans (1)
Restio spiculatus Mast. (1)
Restio subfalcatus Mast. (1)
Restio venustus Kunth (1)

- Perennial. Shrub or dwarf shrub, restioid. Ht 0.3–1.5 m.
Alt 200–2010 m. NC, WC, EC
- sporadica** Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.15–0.25 m. Alt? WC
- subverticillata** Steud.
Restio ameles Steud. (1)
Restio subverticillatus (Steud.) Mast. (1)
Perennial. Shrub, restioid. Ht 1.5–2 m. Alt 275–1250 m. WC
- tenuissima** (Kunth) H.P.Linder
Hypolaena tenuissima Pillans (1)
Restio ludwigii Steud. (1)
Restio nutans Steud. (1)
Restio tenuissimus Kunth (1)
Perennial. Dwarf shrub, restioid. Ht 0.15–0.3 m. Alt 30–1525 m. WC
- triflora** (Rottb.) H.P.Linder
Restio araneosus Mast. (1)
Restio kunthii Steud. (1)
Restio triflorus Rottb. (1)
Perennial. Dwarf shrub, restioid. Ht 0.6–0.9 m. Alt 100–760 m. WC, EC
- unispicata** H.P.Linder
Perennial. Dwarf shrub, restioid. Ht 0.2–0.6 m. Alt ?–950 m. WC
- vilis** (Kunth) H.P.Linder
Restio vilis Kunth (1)
Perennial. Dwarf shrub, restioid. Ht up to 1 m. Alt ?–1700 m. NC
- virgea** (Mast.) H.P.Linder
Restio virgeus Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 765–1920 m. WC
- wallichii** (Mast.) H.P.Linder
Restio humilis Pillans (1)
Restio wallichii Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.6 m. Alt ?–1525 m. NC, WC
- wittebergensis** Esterh.
Perennial. Dwarf shrub, restioid. Ht up to 0.5 m. Alt ?–1830 m. WC
- LAMPROCAULIS** Mast. 0804045
grandis (Nees) Nees = **Elegia grandis**
neesii (Mast.) Mast. = **Elegia neesii**
schlechteri Gilg-Ben. = **Elegia neesii**
- LEPIDANTHUS** Nees 0804165
willdenowia Nees = **Hypodiscus willdenowia**
- LEPTOCARPUS** R.Br. 0804105
andreaeanus Pillans = **Calopsis andreaeana**
asper (Mast.) Pillans = **Calopsis aspera**
burchellii Mast. = **Calopsis burchellii**
cymosus Mast. = **Restio cymosus**
distichus (Rottb.) Pillans = **Restio distichus**
divaricatus Mast. = **Restio tuberculatus**
ejuncidus (Mast.) Pillans = **Restio ejuncidus**
esterhuyseniae Pillans = **Calopsis esterhuyseniae**
festucaceus (Kunth) Mast. = **Calopsis viminea**
fruticosus Mast. = **Calopsis fruticosa**
gracilis (Mast.) Pillans = **Calopsis gracilis**
hyalinus (Mast.) Pillans = **Calopsis hyalina**
- impolitus* (Kunth) Pillans = **Calopsis impolita**
incurvatus Pillans, illegitimate name = **Calopsis viminea**
incurvatus (Thunb.) Mast., illegitimate name = **Willdenowia incurvata**
intermedius Pillans = **Restio degenerans**
levynsiae Pillans = **Calopsis levynsiae**
marlothii Pillans = **Calopsis marlothii**
membranaceus Pillans = **Calopsis membranacea**
monostylis Pillans = **Calopsis monostylis**
muirii Pillans = **Calopsis muirii**
neglectus (Hochst.) Mast. = **Restio multiflorus**
nudiflorus Pillans = **Calopsis nudiflora**
oxylepis (Kunth) Mast. = **Calopsis viminea**
paniculatus (Rottb.) Mast. = **Calopsis paniculata**
parkeri Pillans = **Restio festuciformis**
peronatus (Kunth) Mast. = **Calopsis viminea**
peronatus (Kunth) Mast. var. *hirtellus* (Kunth) Mast. = **Calopsis viminea**
ramosissimus Pillans = **Calopsis gracilis**
rattrayi Pillans = **Hydrophilus rattrayi**
rigidus Mast. = **Calopsis rigida**
rigoratus Mast. = **Calopsis rigorata**
rigoratus Mast. var. *simulans* Pillans = **Calopsis rigorata**
secundus Pillans = **Restio secundus**
stokoei Pillans = **Restio pillansii**
vimineus (Rottb.) Pillans = **Calopsis viminea**
vimineus (Rottb.) Pillans var. *hirtellus* (Kunth) Pillans = **Calopsis viminea**
- MASTERSIELLA** Gilg-Ben. 0804180
(1) Linder. 1985. *Bothalia* 15: 487, 488.
browniana (Mast.) Gilg-Ben. = **Restio debilis**
diffusa (Mast.) Gilg-Ben. = **Restio versatilis**
digitata (Thunb.) Gilg-Ben.
Calorophus digitatus (Thunb.) Kuntze (1)
Hypolaena digitata (Thunb.) Pillans (1)
Hypolaena eckloniana Mast. (1)
Hypolaena incerta Mast. (1)
Restio digitatus Thunb. (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.25–1 m.
Alt 15–1220 m. WC, EC
- foliosa* (Mast.) Gilg-Ben. = **Anthochortus graminifolius**
hyalina (Mast.) Gilg-Ben. = **Calopsis hyalina**
laxiflora (Nees) Gilg-Ben. = **Anthochortus laxiflorus**
purpurea (Pillans) H.P.Linder
Hypolaena purpurea Pillans (1)
Perennial. Shrub or dwarf shrub, restioid. Ht 0.75–1 m.
Alt 730–1400 m. WC, EC
- spathulata** (Pillans) H.P.Linder
Hypolaena spathulata Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–1 m. Alt 20–1950 m. WC, EC
- MESANTHUS** Nees 0804145
macrocarpus Nees, illegitimate name = **Cannomois parviflora**

- NEMATANTHUS** Nees 0804205
ecklonii Nees = **Willdenowia incurvata**
- NEVILLEA** Esterh. & H.P.Linder 0804150
 (1) Linder. 1984. *Bothalia* 15: 66.
 (2) Linder. 1985. *Bothalia* 15: 482–484.
 (3) Esterhuysen. 1985. In Linder in *Bothalia* 15: 484.
- obtusissima** (Steud.) H.P.Linder
Restio obtusissimus Steud. (1)
 Perennial. Dwarf shrub, restioid. Ht 0.4–0.9 m. Alt 400–1220 m. WC
- singularis** Esterh.
 Perennial. Dwarf shrub, restioid. Ht 0.2–0.6 m. Alt 1000–1200 m. WC
- PHYLLOCOMOS** Mast. 0804185
insignis Mast. = **Anthochortus insignis**
- PLATYCAULOS** H.P.Linder 0804080
 (1) Linder. 1984. *Bothalia* 15: 64.
 (2) Linder. 1985. *Bothalia* 15: 434–437.
 (3) Esterhuysen. 1985. In Linder in *Bothalia* 15: 434, 436.
- acutus** Esterh.
 Perennial. Herb, restioid. Ht up to 0.5 m. Alt 1350–1595 m. WC
- anceps** (Mast.) H.P.Linder
Calorophus anceps (Mast.) Kuntze (2)
Hypolaena anceps Mast. (2)
Restio anceps (Mast.) Pillans (2)
Restio aspericaulis Pillans (2)
 Perennial. Herb, restioid. Ht 0.25–0.3 m. Alt 455–1220 m. WC
- callistachyus** (Kunth) H.P.Linder
Restio callistachyus Kunth (2)
Restio concolor Steud. (2)
Restio fastigiatus Mast., illegitimate name (2)
Restio mastersii F.Muell., illegitimate name (2)
Restio polystachyus Kunth (2)
Restio spinulosus Kunth (2)
 Perennial. Shrub or dwarf shrub, restioid. Ht 1.2–2.5 m. Alt 75–1675 m. WC, EC
- cascadensis** (Pillans) H.P.Linder
Restio cascadensis Pillans (2)
 Perennial. Dwarf shrub or herb, restioid. Ht 0.3–0.9 m. Alt ?–1220 m. WC
- compressus** (Rottb.) H.P.Linder
Restio compressus Rottb. (1)
Restio praefixus Mast. (2)
 Perennial. Shrub or dwarf shrub, restioid. Ht 0.8–1 m. Alt 10–1220 m. WC, EC
- depauperatus** (Kunth) H.P.Linder
Restio depauperatus Kunth (2)
 Perennial. Herb, restioid. Ht 0.2–0.4 m. Alt 155–1065 m. WC
- major** (Mast.) H.P.Linder
Restio compressus Rottb. var. *major* Mast. (2)
Restio major (Mast.) Pillans (2)
 Perennial. Shrub or dwarf shrub, restioid. Ht up to 1.8 m. Alt 155–1000 m. WC, EC
- subcompressus** (Pillans) H.P.Linder
Restio subcompressus Pillans (2)
 Perennial. Dwarf shrub, restioid. Ht 0.2–0.3 m. Alt ?–765 m. WC
- RESTIO** Rottb. 0804090
 (1) Pillans. 1928. *Transactions of the Royal Society of South Africa* 16: 210–297.
 (2) Pillans. 1942. *Transactions of the Royal Society of South Africa* 29: 339–342.
- (3) Pillans. 1944. *Transactions of the Royal Society of South Africa* 30: 245–255.
 (4) Pillans. 1952. *Journal of South African Botany* 18: 101–106.
 (5) Linder. 1985. *Bothalia* 15: 437–464.
 (6) Esterhuysen. 1985. In Linder in *Bothalia* 15: 437–464.
- acockii** Pillans
 Perennial. Dwarf shrub, restioid. Ht up to 0.8 m. Alt 100–120 m. WC
- acuminatus* Kunth, illegitimate name = **Cannomois parviflora acuminatus** Thunb., illegitimate name = **Chondropetalum nudum**
- albo-aristatus* Nees = **Hypodiscus albo-aristatus**
- alticola** Pillans
 Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 1500–1800 m. WC
- ambiguus** Mast.
 Perennial. Dwarf shrub, restioid. Ht 0.4–0.6 m. Alt ?–600 m. WC
- ameles* Steud. = **Ischyrolepis subverticillata**
- anceps* (Mast.) Pillans = **Platycaulos anceps**
- araneosus* Mast. = **Ischyrolepis triflora**
- arcuatus** Mast.
 Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 320–1180 m. WC
- argenteus* Thunb. = **Hypodiscus argenteus**
- aridus* Pillans = **Ischyrolepis arida**
- aristatus* Thunb. = **Hypodiscus aristatus**
- aspericaulis* Pillans = **Platycaulis anceps**
- asperiflorus* Nees = **Elegia asperiflora**
- aureolus** Pillans
 Perennial. Dwarf shrub, restioid. Ht 0.15–0.2 m. Alt ?–1676 m. WC
- bifarius** Mast.
 Perennial. Shrub or dwarf shrub, restioid. Ht 0.5–1 m. Alt 200–1525 m. WC
- bifidus** Thunb.
R. pseudoleptocarpus Kunth (1)
 Perennial. Shrub or dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 15–1525 m. WC
- bifurcus** Mast.
 Perennial. Dwarf shrub, restioid. Ht 0.45–1 m. Alt 5–1525 m. WC
- bigeminus* Mast., illegitimate name = **R. micans**
- bolusii** Pillans
 Perennial. Dwarf shrub, restioid. Ht 0.5–0.7 m. Alt ?–1630 m. WC
- brachiatus** (Mast.) Pillans
 Perennial. Shrub or dwarf shrub, restioid. Ht up to 1 m. Alt 245–1890 m. NC, WC
- brownianus* (Mast.) Pillans = **R. debilis**
- brunneus** Pillans
 Perennial. Shrub or dwarf shrub, restioid. Ht up to 1 m. Alt ?–1425 m. WC
- burchellii** Pillans
 Perennial. Shrub or dwarf shrub, restioid. Ht 0.25–0.5 m. Alt 75–1220 m. WC
- callistachyus* Kunth = **Platycaulos callistachyus**
- capillaris** Kunth
R. implexus Mast. (1)
R. perplexus Kunth var. *gracilis* Mast. (1)

Perennial. Herb, restioid. Ht 0.3–0.6 m. Alt ?–245 m. WC
cascadensis Pillans = **Platycaulos cascadensis**
cernuus L.f. = **Staberoha cernua**
chondropetalum Nees, illegitimate name = **Chondropetalum deustum**
cincinnatus Mast. = **Ischyrolepis cincinnata**
cirratus Mast. = **Ischyrolepis gaudichaudiana**
coactilis Mast. = **Ischyrolepis coactilis**
colliculospermus H.P.Linder
 Perennial. Dwarf shrub, restioid. Ht up to 0.3 m. Alt 600–1500 m. WC
communis Pillans
 Perennial. Dwarf shrub, restioid. Ht 0.3–0.7 m. Alt ?–275 m. WC
comosus N.E.Br. = **Rhodocoma gigantea**
compressus Rottb. = **Platycaulos compressus**
compressus Rottb. var. *major* Mast. = **Platycaulos major**
concolor Steud. = **Platycaulos callistachyus**
confusus Pillans
 Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 450–1065 m. WC
consimilis Mast. = **Ischyrolepis sieberi**
conspicuus (Mast.) Pillans = **R. dispar**
corneolus Esterh.
 Perennial. Dwarf shrub, restioid. Ht 0.15–0.9 m. Alt 305–1555 m. WC
crinalis Mast. = **Anthochortus crinalis**
curviramis Kunth = **Ischyrolepis curviramis**
cuspidatus Thunb. = **Ischyrolepis capensis**
cymosus (Mast.) Pillans
Leptocarpus cymosus Mast. (1)
 Perennial. Dwarf shrub, restioid. Ht 0.5–1.5 m. Alt ?–1615 m. NC, WC
debilis Nees
Calorophus virgatus (Mast.) Kuntze (5)
Hypolaena browniana Mast. (5)
Hypolaena subtilis Mast. (5)
Hypolaena virgata Mast. (5)
Mastersiella browniana (Mast.) Gilg-Ben. (5)
R. brownianus (Mast.) Pillans (5)
R. debilis Nees var. *subulatus* (Mast.) Pillans (5)
R. subulatus Mast. (5)
 Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt 305–1500 m. WC
debilis Nees var. *subulatus* (Mast.) Pillans = **R. debilis**
decipiens (N.E.Br.) H.P.Linder
Hypolaena decipiens N.E.Br. (5)
 Perennial. Herb, restioid. Ht 0.3–0.5 m. Alt ?–1524 m. WC
degenerans Pillans
Leptocarpus intermedius Pillans (5)
 Perennial. Dwarf shrub, restioid. Ht up to 0.25 m. Alt 915–1770 m. WC
depauperatus Kunth = **Platycaulos depauperatus**
dichotomus L., illegitimate name = **Ischyrolepis capensis**
digitatus Thunb. = **Mastersiella digitata**
dimorphostachyus Mast. = **R. pachystachyus**
dispar Mast.
Hypolaena conspicua Mast. (1)
R. conspicuus (Mast.) Pillans (1)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.53–1 m. Alt 45–1525 m. WC
distachyos Rottb. = **Staberoha distachyos**
distans Pillans
 Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt 915–1220 m. WC
distichus Rottb.
Leptocarpus distichus (Rottb.) Pillans (5)
R. punctulatus Mast. (5)
Staberoha disticha (Rottb.) T.Durand & Schinz (5)
Thamnochortus distichus (Rottb.) Mast. (5)
Thamnochortus membranaceus Mast. (5)
 Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt 110–1525 m. WC
distractus Mast. = **Ischyrolepis distracta**
divaricatus Mast. = **Ischyrolepis sieberi**
dodii Pillans
Hypolaena membranacea Mast. (1)
R. dodii Pillans var. *purpureus* Pillans (5)
 Perennial. Shrub or dwarf shrub, restioid. Ht 0.6–1 m. Alt 20–245 m. WC
dodii Pillans var. *purpureus* Pillans = **R. dodii**
duthieae Pillans = **Ischyrolepis duthieae**
echinatus Kunth
 Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt 915–1675 m. WC
ecklonii Mast. = **Calopsis viminea**
egregius Hochst.
R. egregius Hochst. var. *nutans* Mast. (1)
 Perennial. Shrub or dwarf shrub, restioid. Ht 0.8–1.5 m. Alt 10–1800 m. WC
egregius Hochst. var. *nutans* Mast. = **R. egregius**
ejuncidus Mast.
Leptocarpus ejuncidus (Mast.) Pillans (5)
 Perennial. Dwarf shrub, restioid. Ht up to 0.5 m. Alt ?–915 m. WC
elatus Mast. = **Ischyrolepis gaudichaudiana**
elegans Poir. = **Cannomois virgata**
elegia Murray, illegitimate name = **Elegia juncea**
eleocharis Mast. = **Ischyrolepis eleocharis**
elongatus Thunb. = **Thamnochortus erectus**
erectus Thunb. = **Thamnochortus erectus**
esterhuyseniae Pillans = **Ischyrolepis esterhuyseniae**
exilis Mast.
 Perennial. Dwarf shrub, restioid. Ht up to 0.5 m. Alt ?–825 m. WC
fastigiatus Mast., illegitimate name = **Platycaulos callistachyus**
ferruginosus Kunth = **Ischyrolepis gaudichaudiana**
festuciformis Mast.
Leptocarpus parkeri Pillans (5)
 Perennial. Dwarf shrub, restioid. Ht 0.35–0.6 m. Alt 25–765 m. WC
filicaulis Pillans
 Perennial. Dwarf shrub, restioid. Ht up to 0.3 m. Alt ?–1200 m. WC
filiformis Poir.
Craspedolepis verreauxii Steud. (1)
R. filiformis Poir. var. *monostachyus* (Mast.) Mast. (1)

- R. filiformis* Poir. var. *oligostachyus* (Mast.) Mast. (1)
R. garnotianus Kunth (1)
R. garnotianus Kunth var. *monostachyus* Mast. (1)
R. garnotianus Kunth var. *oligostachyus* Mast. (1)
R. monostachyus Steud. (1)
R. multicurvus N.E.Br. (1)
R. oligostachyus Kunth (1)
 Perennial. Dwarf shrub, restioid. Ht 0.2–0.75 m. Alt 45–1675 m. NC, WC
- filiformis* Poir. var. *monostachyus* (Mast.) Mast. = **R. filiformis**
- filiformis* Poir. var. *oligostachyus* (Mast.) Mast. = **R. filiformis**
- foliosus* N.E.Br. = **Rhodocoma gigantea**
- fourcadei** Pillans
 Perennial. Dwarf shrub, restioid. Ht up to 1 m. Alt ?–900 m. WC, EC
- fragilis** Esterh.
 Perennial. Dwarf shrub, restioid. Ht 0.2–0.4 m. Alt ?–915 m. WC
- fraternus* Kunth = **Ischyrolepis fraterna**
- fruticosus* Thunb. = **Rhodocoma fruticosa**
- fuirenooides* Kunth = **Ischyrolepis setiger**
- furcatus* Mast. = **R. pachystachyus**
- fuscidulus* Pillans = **Ischyrolepis fuscidula**
- fusiformis** Pillans
 Perennial. Dwarf shrub, restioid. Ht 0.4–0.5 m. Alt 450–900 m. WC
- galpinii** Pillans
 Perennial. Shrub or dwarf shrub, restioid. Ht up to 0.2–0.5 m. Alt 305–2560 m. KZN, EC
- garnotianus* Kunth = **R. filiformis**
- garnotianus* Kunth var. *monostachyus* Mast. = **R. filiformis**
- garnotianus* Kunth var. *oligostachyus* Mast. = **R. filiformis**
- gaudichaudianus* Kunth var. *gaudichaudianus* = **Ischyrolepis gaudichaudiana**
- gaudichaudianus* Kunth var. *luxurians* Pillans = **Ischyrolepis gaudichaudiana**
- gaudichaudianus* Kunth var. *microstachyus* Mast., illegitimate name = **Ischyrolepis gaudichaudiana**
- giganteus* (Kunth) N.E.Br. = **Rhodocoma gigantea**
- glomeratus* Thunb. = **Willdenowia glomerata**
- gossypinus* Mast. = **Ischyrolepis gossypina**
- graminifolius* Kunth = **Anthochortus graminifolius**
- grandis* Nees = **Elegia grandis**
- harveyi** Mast.
 Perennial. Dwarf shrub, restioid. Ht 0.1–0.15 m. Alt ± 50–200 m. WC
- helenae* Mast. = **Ischyrolepis helenae**
- humilis* Pillans = **Ischyrolepis wallichii**
- hystrix* Mast. = **Ischyrolepis hystrix**
- imbricatus* Thunb. = **Staberoha distachyos**
- implexus* Mast. = **R. capillaris**
- implicatus** Esterh.
 Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 675–1570 m. WC
- impolitus* Kunth = **Calopsis impolita**
- inconspicuus** Esterh.
 Perennial. Dwarf shrub, restioid. Ht up to 1 m. Alt 600–1400 m. WC
- incurvatus* Pillans, illegitimate name = **Calopsis viminea**
- incurvatus* Thunb. = **Willdenowia incurvata**
- ingens** Esterh.
 Perennial. Dwarf shrub, restioid. Ht up to 1 m. Alt 900–1370 m. WC
- insignis** Pillans
 Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt ?–1700 m. WC
- intermedius* Kunth, illegitimate name = **Ischyrolepis sieberi**
- intermedius* Steud. = **Elegia intermedia**
- intricatus* Mast. = **R. patens**
- inveteratus** Esterh.
 Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 915–1525 m. WC
- involutus** Pillans
 Perennial. Dwarf shrub, restioid. Ht 0.5–0.6 m. Alt ?–1200 m. WC
- junceus* (L.) Nees = **Elegia juncea**
- kunthii* Steud. = **Ischyrolepis triflora**
- laniger* Kunth var. *distractus* (Mast.) Pillans = **Ischyrolepis distracta**
- laniger* Kunth var. *laniger* = **Ischyrolepis laniger**
- leptocladus* Mast. = **Ischyrolepis leptocladus**
- leptostachyus** Kunth
R. pusillus Pillans (5)
 Perennial. Dwarf shrub, restioid. Ht 0.2–0.7 m. Alt 455–760 m. WC
- luceanus* Kunth = **Ischyrolepis gaudichaudiana**
- lucens* Poir. = **Thamnochortus lucens**
- lucens* Poir. var. *minor* Mast. = **Thamnochortus lucens**
- ludwigii* Steud. = **Ischyrolepis tenuissima**
- macer* Kunth = **Ischyrolepis macer**
- macowanii* Pillans = **Rhodocoma fruticosa**
- major* (Mast.) Pillans = **Platycaulos major**
- marlothii* Pillans = **Ischyrolepis marlothii**
- marlothii* Pillans var. *parviflorus* Pillans = **Ischyrolepis marlothii**
- mastersii* F.Muell., illegitimate name = **Platycaulos callistachyus**
- membranaceus* Nees = **Elegia intermedia**
- micans** Nees
R. bigeminus Mast., illegitimate name (1)
Thamnochortus micans (Nees) Kunth (1)
 Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt ?–30 m. WC
- miser** Kunth
 Perennial. Dwarf shrub, restioid. Ht 0.25–0.5 m. Alt 990–1525 m. WC
- monanthos* Mast. = **Ischyrolepis monanthos**
- monostachyus* Steud. = **R. filiformis**
- montanus** Esterh.
 Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 1200–1350 m. WC
- mucronatus* Nees = **Chondropetalum mucronatum**
- multicurvus* N.E.Br. = **R. filiformis**
- multiflorus** Spreng.
Calopsis neglecta Hochst. (1)
Leptocarpus neglectus (Hochst.) Mast. (1)
R. multiflorus Spreng. var. *tuberculatus* Pillans (5)
R. protractus Mast. (1)

- Perennial. Dwarf shrub, restioid. Ht up to 1 m. Alt 365–1590 m. WC
- multiflorus* Spreng. var. *tuberculatus* Pillans = **R. multiflorus**
- neesii* Mast. = **Ischyrolepis sieberi**
- nodosus** Pillans
Perennial. Dwarf shrub, restioid. Ht 0.35–0.45 m. Alt 1500–1920 m. WC
- nudus* (Rottb.) Nees = **Chondropetalum nudum**
- nutans* Steud. = **Ischyrolepis tenuissima**
- nutans* Thunb. = **Thamnochortus nutans**
- nuwebergensis** Esterh.
Perennial. Dwarf shrub, restioid. Ht up to 0.45 m. Alt 800–900 m. WC
- oblongus* Mast. = **Anthochortus crinalis**
- obscurus** Pillans
Perennial. Dwarf shrub, restioid. Ht 0.2–0.8 m. Alt 990–1830 m. WC
- obtusissimus* Steud. = **Nevillea obtusissima**
- occultus** (Mast.) Pillans
Hypolaena schlechteri Mast. (1)
R. schlechteri (Mast.) Pillans (1)
Thamnochortus occultus Mast. (1)
Perennial. Shrub or dwarf shrub, restioid. Ht up to 1.5 m. Alt 700–1220 m. WC
- ocreatus* Kunth = **Ischyrolepis ocreata**
- oligostachyus* Kunth = **R. filiformis**
- pachystachyus** Kunth
R. dimorphostachyus Mast. (1)
R. furcatus Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.4–1 m. Alt 250–1525 m. WC
- paludosus* Pillans = **Ischyrolepis paludosa**
- paniculatus* Rottb. = **Calopsis paniculata**
- pannosus* Mast. = **R. triticeus**
- papyraceus** Pillans
Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 1800–2000 m. WC
- parviflorus* Thunb. = **Cannomois parviflora**
- patens** Mast.
R. intricatus Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt ?–1830 m. WC
- pauciflorus* Poir. = **Calopsis viminea**
- peculiaris** Esterh.
Perennial. Dwarf shrub, restioid. Ht up to 0.45 m. Alt 1350–1585 m. WC
- pedicellatus** Mast.
R. sonderianus Mast. (5)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.4 m. Alt 455–1675 m. WC
- penicillatus* Mast. = **Ischyrolepis leptoclados**
- perplexus** Kunth
R. scopula Mast. (1)
R. trichocaulis Mast. (1)
Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 5–1675 m. WC
- perplexus* Kunth var. *gracilis* Mast. = **R. capillaris**
- perseverans** Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.2–0.4 m. Alt 915–1220 m. WC
- pillansii** H.P.Linder
Leptocarpus stokoei Pillans (5)
Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt 1000–1585 m. WC
- polystachyus* Kunth = **Platycaulos callistachyus**
- pondoensis* Mast. = **Calopsis paniculata**
- praeacutus** Mast.
Perennial. Dwarf shrub, restioid. Ht up to 1 m. Alt ?–210 m. WC
- praefixus* Mast. = **Platycaulos compressus**
- procurrens* Mast. = **Ischyrolepis helenae**
- productus* Mast. = **Ischyrolepis helenae**
- propinquus* Nees = **Elegia juncea**
- protractus* Mast. = **R. multiflorus**
- pseudoleptocarpus* Kunth = **R. bifidus**
- pulvinatus** Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.2–0.3 m. Alt 1350–1900 m. WC
- pumilis** Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.15–0.25 m. Alt 0–1300 m. WC
- punctulatus* Mast. = **R. distichus**
- purpurascens** Mast.
Perennial. Shrub, restioid. Ht 0.6–1.2 m. Alt 490–1220 m. WC
- pusillus* Pillans = **R. leptostachyus**
- pycnostachyus* Mast. = **Ischyrolepis sieberi**
- pygmaeus* Pillans = **Ischyrolepis pygmaea**
- quadratus** Mast.
Perennial. Shrub or dwarf shrub, restioid. Ht 0.8–2 m. Alt 50–1430 m. WC
- quinquefarius** Nees
R. xyridioides Kunth (1)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.8 m. Alt 5–350 m. WC
- racemosus* Poir. = **Elegia racemosa**
- ramiflorus* Nees = **Calopsis paniculata**
- rarus** Esterh.
Perennial. Dwarf shrub, restioid. Ht 0.2–0.4 m. Alt ?–1675 m. WC
- rhodocoma* Mast. = **Rhodocoma capensis**
- rottboellioides* Kunth = **Ischyrolepis rottboellioides**
- rupicola** Esterh.
Perennial. Dwarf shrub, restioid. Ht up to 1 m. Alt ?–1220 m. WC
- sabulosus* Pillans = **Ischyrolepis sabulosa**
- sarocladus** Mast.
R. tabularis Pillans (1)
Perennial. Dwarf shrub, restioid. Ht 0.2–0.5 m. Alt 455–1370 m. WC
- scaber** Mast.
Perennial. Dwarf shrub, restioid. Ht 0.3–0.4 m. Alt ?–600 m. WC
- scaberulus** N.E.Br.
Perennial. Shrub or dwarf shrub, restioid. Ht 0.3–1 m. Alt 90–610 m. WC
- scariosus* Thunb., illegitimate name = **Thamnochortus fruticosus**
- schlechteri* (Mast.) Pillans = **R. occultus**

- schoenoides* Kunth = **Ischyrolepis schoenoides**
scopa Thunb. = **Cannomois virgata**
scoparius Kunth = **Ischyrolepis sieberi**
scopula Mast. = **R. perplexus**
secundus (Pillans) H.P.Linder
Leptocarpus secundus Pillans (5)
 Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt ?–1220 m. WC
sejunctus Mast.
 Perennial. Dwarf shrub, restioid. Ht 0.25–0.76 m. Alt 665–1980 m. KZN, WC, EC
setiger Kunth = **Ischyrolepis setiger**
sieberi Kunth = **Ischyrolepis sieberi**
sieberi Kunth var. *schoenoides* (Kunth) Pillans = **Ischyrolepis schoenoides**
sieberi Kunth var. *venustus* (Kunth) Pillans = **Ischyrolepis sieberi**
similis Pillans
 Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 50–575 m. WC
singularis Esterh.
 Perennial. Dwarf shrub, restioid. Ht up to 0.5 m. Alt 1650–1890 m. WC
sonderianus Mast. = **R. pedicellatus**
sparsus Mast. = **R. strobolifer**
spicifer Poir. = **Staberoha vaginata**
spicigerus Thunb. = **Thamnochortus spicigerus**
spiculatus Mast. = **Ischyrolepis sieberi**
spinulosus Kunth = **Platycaulos callistachyus**
sprengelii Mast. = **Ischyrolepis capensis**
squarrosus Poir. = **Ischyrolepis capensis**
stereocaulis Mast.
 Perennial. Dwarf shrub, restioid. Ht 0.2–0.4 m. Alt 670–1705 m. WC
stokoei Pillans
 Perennial. Dwarf shrub, restioid. Ht 0.6–1 m. Alt 460–1220 m. WC
strictus N.E.Br.
 Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 855–1220 m. WC
strobolifer Kunth
R. sparsus Mast. (1)
 Perennial. Dwarf shrub, restioid. Ht 0.4–0.8 m. Alt 350–1980 m. WC
subcompressus Pillans = **Platycaulos subcompressus**
subfalcatus Mast. = **Ischyrolepis sieberi**
subtilis Mast.
 Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt ?–1065 m. WC
subulatus Mast. = **R. debilis**
subverticillatus (Steud.) Mast. = **Ischyrolepis subverticillata**
sulcatus Kunth, illegitimate name = **Hypodiscus willdenowia**
synchroolepis Steud. = **Hypodiscus synchroolepis**
tabularis Pillans = **R. sarocladus**
tectorum L.f. = **Chondropetalum tectorum**
tenuissimus Kunth = **Ischyrolepis tenuissima**
tetragonus Thunb.
 Perennial. Shrub or dwarf shrub, restioid. Ht up to 1.5 m. Alt 50–185 m. WC, EC
tetrasepalus Steud. = **Staberoha aemula**
thamnochortus Thunb. = **Thamnochortus lucens**
thyrsifer Rottb. = **Elegia thyrsifera**
trichocaulis Mast. = **R. perplexus**
triflorus Rottb. = **Ischyrolepis triflora**
triticeus Rottb.
Calopsis triticea (Rottb.) Kunth (1)
Hypolaena bachmannii Mast. (1)
R. pannosus Mast. (1)
 Perennial. Shrub or dwarf shrub, restioid. Ht 0.3–1 m. Alt 5–1525 m. KZN, WC, EC
tuberculatus Pillans
Leptocarpus divaricatus Mast. (1)
 Perennial. Dwarf shrub, restioid. Ht up to 0.7 m. Alt 60–1160 m. WC
umbellatus Thunb. = **Staberoha distachyos**
vaginatus Thunb. = **Staberoha vaginata**
vallis-simius H.P.Linder
 Perennial. Dwarf shrub, restioid. Ht 0.5–1 m. Alt ?–1000 m. EC
venustus Kunth = **Ischyrolepis sieberi**
verrucosus Esterh.
 Perennial. Dwarf shrub, restioid. Ht 0.15–0.4 m. Alt 450–600 m. WC
versatilis H.P.Linder
Hypolaena diffusa Mast. (5)
Mastersiella diffusa (Mast.) Gilg-Ben. (5)
 Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt ?–915 m. WC
verticillaris L.f. = **Elegia capensis**
vilis Kunth = **Ischyrolepis vilis**
vimineus Rottb. = **Calopsis viminea**
virgatus Rottb. = **Cannomois virgata**
virgeus Mast. = **Ischyrolepis virgea**
wallichii Mast. = **Ischyrolepis wallichii**
xyridioides Kunth = **R. quinquefarius**
zuluensis H.P.Linder
 Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt 5–50 m. KZN
zwartbergense Pillans
 Perennial. Dwarf shrub, restioid. Ht 0.1–0.3 m. Alt 455–760 m. WC, EC

RHODOCOMA Nees 0804120(1) Linder. 1985. *Bothalia* 15: 478, 479.(2) Linder & Vlok. 1991. *Plant Systematics & Evolution* 175: 139–160.**alpina** H.P.Linder & Vlok

Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt ?–2000 m. WC

arida H.P.Linder & Vlok

Perennial. Shrub, restioid. Ht 0.8–2 m. Alt 550–940 m. WC

capensis Steud.*Restio rhodocoma* Mast. (1)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.3–2 m. Alt 600–1700 m. WC, EC

fruticosa (Thunb.) H.P.Linder*Restio fruticosus* Thunb. (1)*Restio macowanii* Pillans (1)*Thamnochortus modestus* Kunth (1)

Perennial. Dwarf shrub, restioid. Ht 0.4–0.6 m. Alt 100–1980 m. KZN, WC, EC

gigantea (Kunth) H.P.Linder*Restio comosus* N.E.Br. (1)*Restio foliosus* N.E.Br. (1)*Restio giganteus* (Kunth) N.E.Br. (1)*Thamnochortus giganteus* Kunth (1)

Perennial. Shrub, restioid. Ht 1.5–3 m. Alt 10–1220 m. WC, EC

gracilis H.P.Linder & Vlok

Perennial. Dwarf shrub, restioid. Ht 0.5–0.7 m. Alt 500–1400 m. WC

STABEROHA Kunth

0804020

(1) Pillans. 1928. *Transactions of the Royal Society of South Africa* 16: 384–390.(2) Pillans. 1942. *Transactions of the Royal Society of South Africa* 29: 351, 352.(3) Pillans. 1952. *Journal of South African Botany* 18: 117–119.(4) Linder. 1985. *Bothalia* 15: 396, 397.(5) Esterhuysen. 1985. In Linder in *Bothalia* 15: 396, 397.**aemula** (Kunth) Pillans*Restio tetrasepalus* Steud. (1)*S. imbricata* (Thunb.) Kunth var. *stenoptera* (Kunth) T.Durand & Schinz (1)*S. stenoptera* Kunth (1)*Thamnochortus aemulus* Kunth (1)*Thamnochortus imbricatus* (Thunb.) Mast. var. *stenopterus* (Kunth) Mast. (1)

Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 600–1800 m. WC

banksii Pillans

Perennial. Dwarf shrub, restioid. Ht 0.4–0.8 m. Alt 0–1600 m. WC

caricina (Mast.) T.Durand & Schinz = **Thamnochortus erectus****cernua** (L.f.) T.Durand & Schinz*Restio cernuus* L.f. (1)*Thamnochortus cernuus* (L.f.) Kunth (1)

Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 45–1370 m. WC

distachyos (Rottb.) Kunth*Restio distachyos* Rottb. (1)*Restio imbricatus* Thunb. (1)*Restio umbellatus* Thunb. (1)*S. imbricata* (Thunb.) Kunth (1)*Thamnochortus imbricatus* (Thunb.) Mast. (1)*Thamnochortus umbellatus* (Thunb.) Kunth (1)

Perennial. Dwarf shrub, restioid. Ht 0.15–0.75 m. Alt 0–1890 m. WC

disticha (Rottb.) T.Durand & Schinz = **Restio distichus****gracilis** (Mast.) T.Durand & Schinz = **Thamnochortus gracilis****imbricata** (Thunb.) Kunth = **S. distachyos****imbricata** (Thunb.) Kunth var. *stenoptera* (Kunth) T.Durand& Schinz = **S. aemula****multispicula** Pillans

Perennial. Dwarf shrub, restioid. Ht 0.4–0.6 m. Alt ?–300 m. WC

ornata Esterh.

Perennial. Dwarf shrub, restioid. Ht 0.15–0.4 m. Alt 600–1200 m. WC

remota Pillans

Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 1200–2100 m. WC

stenoptera Kunth = **S. aemula****stokoei** Pillans

Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt ?–2055 m. WC

vaginata (Thunb.) Pillans*Restio spicifer* Poir. (1)*Restio vaginatus* Thunb. (1)

Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 450–1920 m. WC

THAMNOCHORTUS P.J.Bergius 0804110(1) Pillans. 1928. *Transactions of the Royal Society of South Africa* 16: 358–384.(2) Pillans. 1942. *Transactions of the Royal Society of South Africa* 29: 349–351.(3) Pillans. 1944. *Transactions of the Royal Society of South Africa* 30: 264.(4) Pillans. 1952. *Journal of South African Botany* 18: 110–117.(5) Linder. 1985. *Bothalia* 15: 471–478.(6) Esterhuysen. 1985. In Linder in *Bothalia* 15: 472, 473, 477.(7) Linder. 1990. *South African Journal of Botany* 56: 450–452.**acuminatus** Pillans

Perennial. Dwarf shrub, restioid. Ht up to 0.3 m. Alt 1200–1980 m. WC

aemulus Kunth = **Staberoha aemula****amoena** H.P.Linder

Perennial. Dwarf shrub, restioid. Ht up to 1 m. Alt ?–500 m. WC

arenarius Esterh.

Perennial. Dwarf shrub, restioid. Ht 0.3–0.8 m. Alt 0–610 m. WC

argenteus (Thunb.) Kunth = **Hypodiscus argenteus****argenteus** Pillans, illegitimate name = **T. cinereus****bachmannii** Mast.*T. sulcatus* Mast. (1)

Perennial. Dwarf shrub, restioid. Ht 0.7–0.8 m. Alt 2–400 m. NC, WC

bromoides Kunth = **T. lucens****burchellii** Mast. = **T. erectus****canescens** Mast. = **T. dumosus****caricinus** Mast. = **T. erectus****cernuus** (L.f.) Kunth = **Staberoha cernua****cinereus** H.P.Linder*T. argenteus* Pillans, illegitimate name (5)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.5–1 m. Alt 30–2100 m. WC, EC

comptonii Pillans = **T. platypteris****consanguineus** Kunth = **T. nutans****dichotomus** (L.) Spreng., illegitimate name = **Ischyrolepis capensis****dichotomus** Mast. = **T. lucens****dichotomus** Mast. var. *hyalinus* Pillans = **T. lucens****distichus** (Rottb.) Mast. = **Restio distichus****dumosus** Mast.*T. canescens* Mast. (1)

Perennial. Dwarf shrub, restioid. Ht 0.2–0.4 m. Alt 30–225 m. WC

ecklonianus Kunth = **T. lucens****ellipticus** Pillans

Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt ?–500 m. WC

elongatus (Thunb.) Mast. = **T. erectus**

erectus (Thunb.) Mast.

Restio elongatus Thunb. (1)

Restio erectus Thunb. (1)

Staberoha caricina (Mast.) T.Durand & Schinz (1)

T. burchellii Mast. (1)

T. caricinus Mast. (1)

T. elongatus (Thunb.) Mast. (1)

T. floribundus Kunth (1)

T. scirpiformis Mast. (1)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.8–1.5 m.
Alt 15–1370 m. WC

floribundus Kunth = **T. erectus**

fraternus Pillans

Perennial. Dwarf shrub, restioid. Ht up to 1 m. Alt 15–110 m. WC

fruticosus P.J.Bergius

Restio scariosus Thunb., illegitimate name (1)

T. scariosus (Thunb.) Spreng. (1)

Perennial. Dwarf shrub, restioid. Ht 0.2–0.6 m. Alt 10–1525 m. WC

fruticosus P.J.Bergius var. *glaber* Mast. = **T. glaber**

giganteus Kunth = **Rhodocoma gigantea**

glaber (Mast.) Pillans

T. fruticosus P.J.Bergius var. *glaber* Mast. (1)

Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 15–245 m. WC, EC

gracilis Mast.

Staberoha gracilis (Mast.) T.Durand & Schinz (1)

Perennial. Dwarf shrub, restioid. Ht 0.4–0.76 m. Alt 60–1010 m. WC

guthrieae Pillans

T. lewisiae Pillans (5)

T. nervosus Pillans (5)

T. plumosus Pillans (5)

Perennial. Dwarf shrub, restioid. Ht 0.3–0.75 m. Alt 70–670 m. WC

imbricatus (Thunb.) Mast. = **Staberoha distachyos**

imbricatus (Thunb.) Mast. var. *stenopterus* (Kunth) Mast.
= **Staberoha aemula**

insignis Mast.

Perennial. Shrub, restioid. Ht 0.7–2.4 m. Alt 10–245 m. WC

karoocia H.P.Linder

Perennial. Dwarf shrub, restioid. Ht up to 1 m. Alt 500–575 m. WC

levynsiae Pillans

Perennial. Dwarf shrub, restioid. Ht 0.8–1 m. Alt ?–610 m. WC

lewisiae Pillans = **T. guthrieae**

lucens (Poir.) H.P.Linder

Restio lucens Poir. (5)

Restio lucens Poir. var. *minor* Mast. (5)

Restio thamnochortus Thunb. (5)

T. bromoides Kunth (5)

T. dichotomus Mast. (5)

T. dichotomus Mast. var. *hyalinus* Pillans (5)

T. ecklonianus Kunth (5)

T. papillosus Pillans (5)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.3–0.6 m.
Alt 5–1525 m. WC

maximus Kuntze = **T. spicigerus**

membranaceus Mast. = **Restio distichus**

micans (Nees) Kunth = **Restio micans**

modestus Kunth = **Rhodocoma fruticosa**

muirii Pillans

Perennial. Shrub or dwarf shrub, restioid. Ht up to 0.6 m.
Alt ?–170 m. WC

muticus Pillans = **T. sporadicus**

nervosus Pillans = **T. guthrieae**

nutans (Thunb.) Pillans

Restio nutans Thunb. (1)

T. consanguineus Kunth (1)

Perennial. Dwarf shrub, restioid. Ht up to 0.6 m. Alt 960–1000 m. WC

obtusus Pillans

Perennial. Dwarf shrub, restioid. Ht up to 0.3 m. Alt 20–90 m. WC

occultus Mast. = **Restio occultus**

paniculatus Mast.

Perennial. Shrub or dwarf shrub, restioid. Ht 0.4–1.5 m.
Alt 25–500 m. WC

papillosus Pillans = **T. lucens**

papyraceus Pillans

Perennial. Dwarf shrub, restioid. Ht 0.5–0.6 m. Alt 1800–2057 m. WC

pellucidus Pillans

Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt ?–30 m. WC

piketbergensis Pillans = **T. sporadicus**

platypteris Kunth

T. comptonii Pillans (5)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.3–0.6 m.
Alt 600–1220 m. NC, WC

plumosus Pillans = **T. guthrieae**

pluristachyus Mast.

Perennial. Dwarf shrub, restioid. Ht 0.6–1 m. Alt 15–120 m. WC

pulcher Pillans

Perennial. Dwarf shrub, restioid. Ht 0.3–0.4 m. Alt 300–915 m. WC

punctatus Pillans

Perennial. Shrub or dwarf shrub, restioid. Ht up to 0.6 m.
Alt 20–765 m. NC, WC

rigidus Esterh.

Perennial. Shrub or dwarf shrub, restioid. Ht 0.6–1 m. Alt 500–1500 m. WC, EC

robustus Kunth = **Cannomois virgata**

scabridus Pillans

Perennial. Dwarf shrub, restioid. Ht up to 0.5 m. Alt ?–1220 m. WC

scariosus (Thunb.) Spreng. = **T. fruticosus**

schlechteri Pillans

Perennial. Dwarf shrub, restioid. Ht 0.2–0.3 m. Alt 1200–1890 m. WC

scirpiformis Mast. = **T. erectus**

scirpoides Kunth = **Cannomois scirpoides**

similis Pillans = **T. sporadicus**

spicigerus (Thunb.) Spreng.

Restio spicigerus Thunb. (1)

T. maximus Kuntze (1)

T. striatus Hochst. (1)

Perennial. Shrub, restioid. Ht 0.75–1.5 m. Alt 10–60 m. WC

sporadicus Pillans

T. muticus Pillans (5)
T. piketbergensis Pillans (5)
T. similis Pillans (5)

Perennial. Dwarf shrub, restioid. Ht 0.25–0.5 m. Alt 25–975 m. WC

stokoei Pillans

Perennial. Dwarf shrub, restioid. Ht up to 0.4 m. Alt 1200–1830 m. WC

striatus Hochst. = **T. spicigerus***strictus* Kunth = **Cannomois parviflora***sulcatus* Mast. = **T. bachmannii***umbellatus* (Thunb.) Kunth = **Staberoha distachyos***virgatus* (Rottb.) Kunth = **Cannomois virgata****WILLDENOWIA** Thunb. 0804200

- (1) Pillans. 1928. *Transactions of the Royal Society of South Africa* 16: 419–431.
- (2) Pillans. 1942. *Transactions of the Royal Society of South Africa* 29: 355, 356.
- (3) Pillans. 1944. *Transactions of the Royal Society of South Africa* 30: 265, 266.
- (4) Pillans. 1952. *Journal of South African Botany* 18: 122.
- (5) Linder. 1985. *Bothalia* 15: 493–497.

affinis Pillans

Perennial. Dwarf shrub, restioid. Ht 0.6–0.8 m. Alt ?–1800 m. WC

arescens Kunth

W. brevis Mast. (1)

Perennial. Dwarf shrub, restioid. Ht 0.4–1 m. Alt 50–1065 m. NC, WC

argentea (Kunth) Hieron. = **Ceratocaryum argenteum****bolusii** Pillans

Perennial. Dwarf shrub, restioid. Ht 0.5–1 m. Alt ?–1065 m. WC

brevis Mast. = **W. arescens***compressa* Thunb. = **Cannomois parviflora***cuspidata* Mast. = **W. incurvata***decipiens* N.E.Br. = **Ceratocaryum decipiens***ecklonii* (Nees) Kunth = **W. incurvata***ecklonii* (Nees) T.Durand & Schinz = **Anthochortus ecklonii***esterhuyseniae* Pillans = **Ceratocaryum fimbriatum***fimbriata* Kunth = **Ceratocaryum fimbriatum***fistulosa* (Mast.) Pillans = **Ceratocaryum fistulosum***fraterna* N.E.Br. = **W. teres***galpinii* N.E.Br. = **W. teres****glomerata** (Thunb.) H.P.Linder

Restio glomeratus Thunb. (5)
W. lucaeana Kunth (5)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.25–1 m. Alt 60–1500 m. NC, WC, EC

humilis Mast.

Hypodiscus dodii Mast. (1)

Perennial. Dwarf shrub, restioid. Ht 0.2–0.35 m. Alt 60–1220 m. WC

incurvata (Thunb.) H.P.Linder

Calopsis incurvata (Thunb.) Kunth, illegitimate name (5)
Leptocarpus incurvatus (Thunb.) Mast. (5)
Nematanthus ecklonii Nees (5)
Restio incurvatus Thunb. (5)
W. cuspidata Mast. (5)
W. ecklonii (Nees) Kunth (5)
W. neglecta Steud. (5)
W. striata Thunb. (5)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.35–2 m. Alt 10–1525 m. NC, WC

lucaeana Kunth = **W. glomerata***neglecta* Steud. = **W. incurvata***peninsularis* N.E.Br. = **W. teres****purpurea** Pillans

Perennial. Dwarf shrub, restioid. Ht 0.3–0.5 m. Alt ?–900 m. WC

rugosa Esterh.

Perennial. Dwarf shrub, restioid. Ht 0.25–0.35 m. Alt 300–600 m. WC

simplex N.E.Br. = **Hypodiscus argenteus****stokoei** Pillans

Perennial. Dwarf shrub, restioid. Ht 0.3–0.6 m. Alt 1200–1675 m. WC

striata Thunb. = **W. incurvata****sulcata** Mast.

Perennial. Shrub or dwarf shrub, restioid. Ht 0.4–0.6 m. Alt 60–1675 m. WC

teres Thunb.

W. fraterna N.E.Br. (1)
W. galpinii N.E.Br. (1)
W. peninsularis N.E.Br. (1)

Perennial. Shrub or dwarf shrub, restioid. Ht 0.5–1 m. Alt 15–1525 m. WC, EC

xerophila Pillans = **Ceratocaryum xerophilum****RUPPIACEAE**

Compiled by R.P. Glen & C.D.K. Cook

RUPPIA L.

0059000

- (1) Obermeyer. 1966. *FSA* 1: 70–72.
- (2) Gamera. 1968. *Darwiniana* 14: 575–608.
- (3) Jacobs & Brock. 1982. *Aquatic Botany* 14: 325–337.

cirrhosa (Petagna) Grande

R. spiralis L. ex Dumort. (2)

Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 1–250 m. N, KZN, WC, EC

maritima L.

R. rostellata Koch ex Rchb. (3)

Perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 1–200 m. N, FS, KZN, NC, WC, EC

rostellata Koch ex Rchb. = **R. maritima***spiralis* L. ex Dumort. = **R. cirrhosa**

SMILACACEAE

Compiled by R.P. Glen

SMILAX L.

- (1) Baker. 1896. *FC* 6: 256.
 (2) Cowley. 1989. *FTEA Smilacaceae*: 1–4.

anceps Willd.

1151000

S. kraussiana Meisn. (2)

Perennial. Shrub, climber. Ht 0.8–? m. Alt 5–1700 m.

LIM, M, S, KZN, EC

kraussiana Meisn. = **S. anceps**

STRELITZIACEAE

Compiled by C. Archer

HELICONIA L. in part

1321000

Perennial. Herb. Ht up to 2.13 m. Alt ?–300 m. EC

alba L.f. = **Strelitzia alba***bihai* J.S.Mill. = **Strelitzia reginae****nicolai** Regel & Körn.*S. augusta* in sense of authors, not of Thunb., in part (5)*S. quensonii* Lem. (7)*strelitzia* J.F.Gmel. = **Strelitzia reginae**

Perennial. Shrub. Ht 3–6 m. Alt 5–520 m. KZN, EC

STRELITZIA Aiton

1319000

ovata W.T.Aiton = **S. reginae**

- (1) Schumann. 1900.
- Das Pflanzenreich*
- 1: 31.

- (2) Wright. 1913.
- FC*
- 5,3: 316–319.

- (3) Phillips. 1925.
- The Flowering Plants of South Africa*
- 5: t. 186.

- (4) Dyer. 1945.
- The Flowering Plants of Africa*
- 25: t. 995.

- (5) Dyer. 1945.
- The Flowering Plants of Africa*
- 25: t. 996.

- (6) Dyer. 1945.
- The Flowering Plants of Africa*
- 25: t. 997.

- (7) Moore & Hyypio. 1970.
- Baileya*
- 17: 65–74.

- (8) Dyer. 1972.
- Bothalia*
- 10: 575–578.

- (9) Dyer. 1975.
- Bothalia*
- 11: 519, 520.

- (10) Moore. 1975.
- Baileya*
- 19: 171.

- (11) Dyer. 1979.
- The Flowering Plants of Africa*
- 46: t. 1804.

- (12) Small et al. 1980.
- Journal of South African Botany*
- 46: 167–171.

alba (L.f.) Skeels*Heliconia alba* L.f. (7)*S. augusta* Thunb., illegitimate name (7)

Perennial. Shrub. Ht up to 6 m. Alt ?–120 m. WC

angustifolia W.T.Aiton = **S. reginae***augusta* in sense of authors, not of Thunb., in part = **S. nicolai***augusta* Thunb., illegitimate name = **S. alba****caudata** R.A.Dyer

Perennial. Shrub. Ht up to 6 m. Alt 1060–1370 m. LIM, M, S

farinosa W.T.Aiton = **S. reginae***gigantea* J.Kern. = **S. reginae***glauca* Rich. = **S. reginae***humilis* Link = **S. reginae****juncea** Link*S. parvifolia* W.T.Aiton var. *juncea* Ker Gawl. (10)*S. reginae* Aiton var. *juncea* (Ker Gawl.) H.E.Moore (12)**parvifolia** W.T.Aiton (insufficiently known) (9)*parvifolia* W.T.Aiton var. *juncea* Ker Gawl. = **S. juncea***quensonii* Lem. = **S. nicolai***regalis* Salisb., illegitimate name = **S. reginae****reginae** Aiton*Heliconia bihai* J.S.Mill. (1)*Heliconia strelitzia* J.F.Gmel. (1)*S. angustifolia* W.T.Aiton (7)*S. farinosa* W.T.Aiton (7)*S. gigantea* J.Kern. (7)*S. glauca* Rich. (7)*S. humilis* Link (7)*S. ovata* W.T.Aiton (7)*S. regalis* Salisb., illegitimate name (7)*S. reginae* Aiton var. *farinosa* (W.T.Aiton) Baker (7)*S. reginae* Aiton var. *glauca* (Rich.) Baker (7)*S. reginae* Aiton var. *humilis* (Link) Baker (7)*S. reginae* Aiton var. *ovata* (W.T.Aiton) Baker (7)*S. reginae* Aiton var. *rutilans* (C.Morren) K.Schum. (7)*S. rutilans* C.Morren (7)

Perennial. Herb. Ht up to 2.6 m. Alt 155–600 m. KZN, EC

reginae Aiton var. *farinosa* (W.T.Aiton) Baker = **S. reginae***reginae* Aiton var. *glauca* (Rich.) Baker = **S. reginae***reginae* Aiton var. *humilis* (Link) Baker = **S. reginae***reginae* Aiton var. *juncea* (Ker Gawl.) H.E.Moore = **S. juncea***reginae* Aiton var. *ovata* (W.T.Aiton) Baker = **S. reginae***reginae* Aiton var. *rutilans* (C.Morren) K.Schum. = **S. reginae***rutilans* C.Morren = **S. reginae**

TECOPHILAEACEAE

Compiled by R.H. Archer

CYANELLA L.

1233000

amboensis Schinz

- (1) Baker. 1896.
- FC*
- 6: 6, 7.

- (2) Bullock. 1953.
- Kew Bulletin*
- 8: 553.

- (3) Scott. 1991.
- South African Journal of Botany*
- 57: 34–54.

Perennial. Geophyte. Ht 0.01–0.03 m. Alt 50–800 m. N

alba L.f.

Perennial. Geophyte. Ht 0.1–0.25 m. Alt 600–1200 m. NC, WC

aquatica Oberm. ex G.Scott

Perennial. Geophyte, hydrophyte. Ht 0.1–0.4 m. Alt ± 600

m. NC

capensis L. = **C. hyacinthoides**

cygnea G.Scott

Perennial. Geophyte. Ht 0.1–0.4 m. Alt ± 950 m. NC

hyacinthoides L.*C. capensis* L. (2)*C. pentheri* Zahlbr. (3)

Perennial. Geophyte. Ht 0.25–0.4 m. Alt 10–2000 m. NC, WC

krauseana Dinter & G.M.Schulze = **C. ramosissima***lineata* Burch. = **C. lutea****lutea** L.f.*C. lineata* Burch. (3)*C. lutea* L.f. var. *angustifolia* Schinz (3)*C. lutea* L.f. var. *rosea* Baker (3)*C. racemosa* Schinz (3)

Perennial. Geophyte. Ht 0.15–0.35 m. Alt 50–1150 m. NW, NC, EC

lutea L.f. var. *angustifolia* Schinz = **C. lutea***lutea* L.f. var. *rosea* Baker = **C. lutea****orchidiformis** Jacq.

Perennial. Geophyte. Ht ± 0.3 m. Alt 150–850 m. NC, WC

pentheri Zahlbr. = **C. hyacinthoides***racemosa* Schinz = **C. lutea****ramosissima** (Engl. & K.Krause) Engl. & K.Krause*C. krauseana* Dinter & G.M.Schulze (3)

Perennial. Geophyte. Ht ± 0.15 m. Alt 650–800 m. N, NC

WALLERIA J.Kirk

1231000

(1) Dyer. 1961. *The Flowering Plants of Africa* 34: t. 1321.(2) Carter. 1962. *Kew Bulletin* 16: 187–189.(3) Manning *et al.* 2001. *Flowering Plants of Africa* 57: 44–47, t. 2168.(4) Cowley & Brummitt. 2001. *FZ* 12, 3: 18–20.*armata* Schltr. & K.Krause = **W. gracilis****gracilis** (Salisb.) S.Carter*W. armata* Schltr. & K.Krause (3)

Perennial. Geophyte. Ht 0.1–0.7 m. Alt 850–1200 m. N, NC, WC

muricata N.E.Br. = **W. nutans****nutans** J.Kirk*W. muricata* N.E.Br. (4)

Perennial. Geophyte. Ht 0.1–0.3 m. Alt 950–1700 m. N, B, LIM, G, NW, M, NC

TYPHACEAE

Compiled by R.P. Glen & C.D.K. Cook

TYPHA L.

0049000

(1) Anderson. 1966. *FSA* 1: 53–56.(2) Napper. 1971. *FTEA* Typhaceae: 1–5.Note: this genus is in urgent need of a revision to establish whether *T. capensis* is a hybrid or not and whether the present species names are correctly applied or not.*australis* Schumach. = **T. domingensis****capensis** (Rohrb.) N.E.Br.*T. latifolia* L. subsp. *capensis* Rohrb. (2)

Perennial. Herb, hydrophyte: hyperhydate. Ht ± 2 m. Alt 3–1950 m. N, B, LIM, NW, G, M, S, FS, KZN, L, NC, WC, EC

domingensis Pers.*T. australis* Schumach. (2)

Perennial. Herb, hydrophyte: hyperhydate. Ht ± 2 m. Alt 900–1900 m. B

latifolia L. subsp. *capensis* Rohrb. = **T. capensis**

VELLOZIACEAE

Compiled by R.H. Archer

BARBACENIA Vand.

1247000

elegans (Balf.) Pax = **Talbotia elegans***hereroensis* Schinz = **Xerophyta viscosa***humilis* (Baker) Pax ex Burtt Davy = **Xerophyta humilis***minuta* (Baker) Dinter = **Xerophyta humilis***naegelsbachii* Dinter ex Friedr.-Holzh. = **Xerophyta equisetoides** var. **pauciramosa***retinervis* (Baker) Pax ex Burtt Davy = **Xerophyta retinervis***rosea* (Baker) Pax ex Burtt Davy = **Xerophyta schlechteri***villosa* (Baker) Pax ex Burtt Davy = **Xerophyta villosa***viscosa* (Baker) Pax ex Burtt Davy = **Xerophyta viscosa***wentzeliana* Harms = **Xerophyta equisetoides** var. **pauciramosa****TALBOTIA** Balf.

1247020

(1) Hilliard & Burtt. 1971. *Notes from the Royal Botanic Garden Edinburgh* 31: 32, 33.(2) Smith & Ayensu. 1974. *Kew Bulletin* 29: 182–184.**elegans** Balf.*Barbacenia elegans* (Balf.) Pax (1)*Vellozia elegans* (Balf.) Oliv. ex Hook.f. (2)*Vellozia elegans* (Balf.) Oliv. ex Hook.f. var. *minor* Baker (2)*Vellozia talbotii* Balf. (2)*Xerophyta elegans* (Balf.) Baker (2)*Xerophyta minuta* Baker (2)

Perennial. Herb. Ht 0.1–0.3 m. Alt 1500–2000 m. M, KZN

VELLOZIA Vand.

1246000

clavata (Baker) Baker = **Xerophyta retinervis***elegans* (Balf.) Oliv. ex Hook.f. = **Talbotia elegans***elegans* (Balf.) Oliv. ex Hook.f. var. *minor* Baker = **Talbotia elegans***equisetoides* (Baker) Baker = **Xerophyta equisetoides** var. **equisetoides***hereroensis* (Schinz) Baker = **Xerophyta viscosa***humilis* Baker = **Xerophyta humilis***minuta* Baker = **Xerophyta humilis**

monroi Greves = **Xerophyta villosa**
retinervis (Baker) Baker = **Xerophyta retinervis**
rosea Baker = **Xerophyta schlechteri**
schlechteri Baker = **Xerophyta schlechteri**
squarrosa (Baker) Baker = **Xerophyta squarrosa**
suaveolens Greves = **Xerophyta suaveolens** var. **suaveolens**
talbotii Balf. = **Talbotia elegans**
villosa Baker = **Xerophyta villosa**
violacea Baker = **Xerophyta villosa**
viscosa (Baker) Baker = **Xerophyta viscosa**

XEROPHYTA Juss. 1247010

- (1) Dyer. 1942. *The Flowering Plants of South Africa* 22: t. 856.
- (2) Coetzee *et al.* 1973. *Dinteria* 9: 3–17.
- (3) Coetzee & Van der Schijff. 1973. *Journal of South African Botany* 39: 269.
- (4) Coetzee. 1974. *Dinteria* 10: 19–33.
- (5) Smith & Ayensu. 1974. *Kew Bulletin* 29: 181–203.
- (6) Hilliard. 1986. *Notes from the Royal Botanic Garden Edinburgh* 43: 405.

clavata Baker = **X. retinervis**
elegans (Balf.) Baker = **Talbotia elegans**
equisetoides Baker var. **equisetoides**
Vellozia equisetoides (Baker) Baker (5)
X. melleri Baker (5)
X. retinervis Baker var. *equisetoides* (Baker) Coetzee (5)
 Perennial. Herb. Ht 0.2–1 m. Alt 600–900 m. LIM, M
equisetoides Baker var. **pauciramosa** L.B.Sm. & Ayensu
Barbacenia naegelsbachii Dinter ex. Friedr.-Holzh. (5)
Barbacenia wentzeliana Harms (5)
X. retinervis Baker var. *wentzeliana* (Harms) Coetzee (5)
X. wentzeliana (Harms) Sölch (5)
 Perennial. Herb. Ht 0.2–1.2 m. Alt 600–800 m. N, LIM
humilis (Baker) T.Durand & Schinz
Barbicenia humilis (Baker) Pax ex Burtt Davy (5)
Barbicenia minuta (Baker) Dinter (5)
Vellozia humilis Baker (4)
Vellozia minuta Baker (5)
 Perennial. Herb. Ht 0.01–0.1 m. Alt 800–1600 m. N, B,
 LIM, NW, G
longicaulis Hilliard

Perennial. Herb. Ht 0.3–0.6 m. Alt ± 2025 m. KZN
melleri Baker = **X. equisetoides** var. **equisetoides**
minuta Baker = **Talbotia elegans**
retinervis Baker
Barbacenia retinervis (Baker) Pax ex Burtt Davy (5)
Vellozia clavata (Baker) Baker (5)
Vellozia retinervis (Baker) Baker (5)
X. clavata Baker (5)
 Perennial. Herb. Ht 0.3–2 m. Alt 1100–1800 m. B, LIM,
 NW, G, M, S, KZN
retinervis Baker var. *equisetoides* (Baker) Coetzee = **X. equisetoides** var. **equisetoides**
retinervis Baker var. *wentzeliana* (Harms) Coetzee = **X. equisetoides** var. **pauciramosa**
schlechteri (Baker) N.L.Menezes
Barbacenia rosea (Baker) Pax ex Burtt Davy (5)
Vellozia rosea Baker (5)
Vellozia schlechteri Baker (3)
 Perennial. Herb. Ht 0.1–0.3 m. Alt 1250–1700 m. LIM, M
squarrosa Baker
Vellozia squarrosa (Baker) Baker (5)
 Perennial. Herb. Ht 0.2–1.2 m. Alt 800–1200 m. N
suaveolens (Greves) N.L.Menezes var. **suaveolens**
Vellozia suaveolens Greves (5)
 Perennial. Herb. Ht? Alt? B
villosa (Baker) L.B.Sm. & Ayensu
Barbacenia villosa (Baker) Pax ex Burtt Davy (5)
Vellozia monroi Greves (5)
Vellozia villosa Baker (5)
Vellozia violacea Baker (5)
 Perennial. Herb. Ht 0.2–1.2 m. Alt 1450–1800 m. S, KZN
viscosa Baker
Barbacenia hereroensis Schinz (5)
Barbacenia viscosa (Baker) Pax ex Burtt Davy (5)
Vellozia hereroensis (Schinz) Baker (5)
Vellozia viscosa (Baker) Baker (5)
 Perennial. Herb. Ht 0.02–0.4 m. Alt 850–1800 m. N, B,
 LIM, NW, G, M, FS, KZN, L, EC
wentzeliana (Harms) Sölch = **X. equisetoides** var. **pauciramosa**

XYRIDACEAE

Compiled by R.P. Glen & C.D.K. Cook

XYRIS L. 0826000

- (1) Brown. 1897. *FC* 7: 2–7.
- (2) Malme. 1912. *Botanische Jahrbücher* 48: 287–308.
- (3) Lewis & Obermeyer. 1985. *FSA* 4: 1–8.
- (4) Lebrun & Stork. 1995. *Énumération des plantes à fleurs d'Afrique tropicale*. 3: 28–30.
- (5) Lock. 1998. *Kew Bulletin* 53: 883–895.
- (6) Lock. 1999a. *Kew Bulletin* 54: 301–326.
- (7) Lock. 1999b. *FTEA Xyridaceae*: 1–24.
- (8) Lisowski *et al.* 2001. *Flore d'Afrique Centrale*: Xyridaceae: 1–119.

Notes: the taxon *X. capensis* is very variable and has been regarded as a complex of several species. Lock (1998, 1999a) reinstated *X. huillensis*, *X. rubella* and *X. straminea* as separate species for tropical East Africa, while Lisowski *et al.* (2001) recognised *X. straminea* but not *X. huillensis* for the Floras of Congo, Rwanda and Burundi. The southern African Xyridaceae are in need of a comprehensive revision. We recognise *X. rubella* and *X. huillensis*. *X. straminea* requires further investigation before a decision can be made as to whether this taxon should be recognised as distinct, and if so, at what level.

anceps Lam.
 Perennial. Herb, hydrophyte/helophyte. Ht 0.35–0.91 m.
 Alt 5–900 m. B, M, KZN
capensis Thunb.
 Perennial. Herb, hydrophyte/helophyte. Ht 0.07–0.91
 m. Alt 5–1350 m. N, B, LIM, NW, G, M, S, FS,
 KZN, L, WC, EC
capensis Thunb. var. *medullosa* N.E.Br. = **X. huillensis**
congensis Büttner
X. umbilicis Nilsson (3)
 Perennial. Herb, hydrophyte/helophyte. Ht 0.25–0.8 m.
 Alt 10–1700 m. LIM, NW, G, M, S, KZN
gerrardii N.E.Br.
 Perennial. Herb, hydrophyte/helophyte. Ht 0.16–0.55 m.
 Alt 1600–2134 m. LIM, NW, M, FS, KZN
huillensis Rendle
X. capensis Thunb. var. *medullosa* N.E.Br. (6, 7)

- Perennial or annual? Herb, hydrophyte/helophyte. Ht 0.14–0.4 m. Alt ± 900 m. B
- natalensis** Nilsson
Perennial. Herb, hydrophyte/helophyte. Ht 0.1–1 m. Alt 5–275 m. KZN, EC
- nivea* in sense of J.Lewis & Oberm., not of Welw. ex Rendle = **X. obscura**
- obscura** N.E.Br.
X. nivea in sense of J.Lewis & Oberm., not of Welw. ex Rendle (3, 6, 8)
- Perennial. Herb, hydrophyte/helophyte. Ht 0.1–0.5 m. Alt 1200–2000 m. G, M
- rehmannii** Nilsson
Perennial. Herb, hydrophyte/helophyte. Ht 0.15–1.21 m. Alt 825–1555 m. LIM, M, S
- rubella** Malme
Annual. Herb, hydrophyte/helophyte. Ht up to 200 mm. Alt 900–1500 m. N, B, NW, G, M
- umbilonis* Nilsson = **X. congensis**

ZANNICHELLIACEAE

Compiled by R.P. Glen & C.D.K. Cook

- ALTHENIA** F.Petit 0063000
(1) Obermeyer. 1966. *FSA* 1: 79–81.
Annual, occ. perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 0–200 m. WC
- filiformis** F.Petit 0062015
Annual. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 0–200 m. N, NC, WC, EC
- PSEUDALTHENIA** Nakai 0062010
(1) Obermeyer. 1966. *FSA* 1: 79.
(2) Tomlinson & Posluszny. 1976. *Taxon* 25: 273–279.
(3) Den Hartog. 1980. *Aquatic Botany* 9: 95.
aschersoniana (Graebn.) Hartog
Vleisia aschersoniana (Graebn.) Toml. & Posl. (3)
Zannichellia aschersoniana Graebn. (2)
- ZANNICHELLIA** L. 0062000
(1) Obermeyer. 1966. *FSA* 1: 77–79.
aschersoniana Graebn. = **Pseudalthenia aschersoniana**
palustris L.
Annual, occ. perennial. Herb, hydrophyte: vittate. Ht depending on depth of water. Alt 50–1610 m. N, B, LIM, NW, G, FS, NC, WC, EC

ZINGIBERACEAE

Compiled by C. Archer

- ***ALPINIA** Roxb. 1353000
(1) Smith. 1998. *Bothalia* 28: 35–39.
speciosa (J.C.Wendl.) K.Schum. = **A. zerumbet**
zerumbet (Pers.) B.L.Burt & R.M.Sm.
A. speciosa (J.C.Wendl.) K.Schum. (1)
Perennial. Herb. Ht up to 3 m. Alt? KZN
- ***HEDYCHIUM** J.König 1324000
(1) Smith. 1998. *Bothalia* 28: 35–39.
coronarum J.König
Perennial. Herb. Ht up to 3 m. Alt ?–800 m. M, KZN, EC
- flavescens** Roscoe
Perennial. Herb. Ht 2–3 m. Alt? KZN
- gardnerianum** Ker Gawl.
Perennial. Herb. Ht 2–3 m. Alt? KZN
- KAEMPFERIA** L. in part 1329000
aethiopica (Schweinf.) Benth. = **Siphonochilus aethiopicus**
ethelae J.M.Wood = **Siphonochilus aethiopicus**
- montagui** F.M.Leight. = **Siphonochilus kirkii**
natalensis Schltr. & K.Schum. = **Siphonochilus aethiopicus**
rosea Baker = **Siphonochilus kirkii**
- SIPHONOCILUS** J.M.Wood & Franks 1329010
(1) Smith. 1998. *Bothalia* 28: 35–39.
(2) Crouch *et al.* 2003. *Flowering Plants of Africa* 58: 56–68, t. 2190.
aethiopicus (Schweinf.) B.L.Burt
Kaempferia aethiopica (Schweinf.) Benth. (1)
Kaempferia ethelae J.M.Wood (1)
Kaempferia natalensis Schltr. & K.Schum. (1)
S. natalensis (Schltr. & K.Schum.) J.M.Wood & Franks (1)
Perennial. Herb, geophyte. Ht 0.15–0.45 m. Alt 610–915 m. LIM, M, S, KZN, EC
- kirkii** (Hook.) B.L.Burt
Kaempferia montagui F.M.Leight. (1)
Kaempferia rosea Baker (1)
Perennial. Herb, geophyte. Ht 0.2–0.4 m. Alt ?–910 m. N
natalensis (Schltr. & K.Schum.) J.M.Wood & Franks = **S. aethiopicus**

ZOSTERACEAE

Compiled by R.P. Glen & C.D.K. Cook

ZOSTERA L.

0055000

(1) Obermeyer. 1966. *FSA* 1: 57–60.

(2) Den Hartog. 1970. *The sea-grasses of the world*: 39–42, 63, 64, 77–81.

Note: Tomlinson & Posluzny (2001, in *Taxon* 50,2: 429–437) raised the two subgenera of *Zostera*, namely *Zostera* L. and *Zosterella* (Aschers.) Ostenf., to generic level: *Zostera* L. and *Nanozostera*

(Ostenf.) Toml. & Posl. *Z. capensis* Setch. would then become *Nanozostera capensis* (Setch.) Toml. & Posl.

capensis Setch.

Perennial. Herb, hydrophyte: rosulate. Ht 0.38–1.15 m.

Alt up to 5 m. KZN, WC, EC

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