

The genus *Uloma* Dejean (Coleoptera: Tenebrionidae: Tenebrioninae) in Africa south of the Sahara¹

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Abstract

The species of the genus *Uloma* Dejean, 1821 (Coleoptera: Tenebrionidae: Ulomini) from Africa south of the Sahara and adjacent islands are revised. The diagnostic characters are figured, and a species key is provided for the 15 species of continental Africa. – Lectotypes are designated for *U. collaris* Gebien, 1921, *U. parva* Gebien, 1921, *U. sjoestedti* Gebien, 1904, and *U. pachycera* Gebien, 1921 [synonym of *U. sulcipennis* (Thomson, 1858)]. – New combinations and synonyms: *Cenoscelis minuscula* (Ardoïn, 1969) **n. comb.** for *Uloma (Eutochia) pumilio* Bremer, 2001 **n. syn.**, *Cenoscelis maculipennis* (Grimm, 2002) **n. comb.** transferred from *Eutochia*. All species of *Uloma* live in red-rotten wood or under the barks of trees, even outside forests, in savannas, or in cultivated land.

Key words: Coleoptera, Tenebrionidae, *Uloma*, *Cenoscelis*, Africa, taxonomy, species key.

Zusammenfassung

Die Arten der Gattung *Uloma* Dejean, 1821 (Coleoptera: Tenebrionidae: Ulomini) aus Afrika südlich der Sahara und der angrenzenden Inseln werden revidiert. Die diagnostischen Merkmale werden abgebildet, und ein Bestimmungsschlüssel für die 15 Arten aus dem kontinentalen Afrika wird erstellt. – Lectotypen werden festgelegt für *U. collaris* Gebien, 1921, *U. parva* Gebien, 1921, *U. sjoestedti* Gebien, 1904 und *U. pachycera* Gebien, 1921 [Synonym von *U. sulcipennis* (Thomson, 1858)]. – Neue Kombinationen und Synonyme: *Cenoscelis minuscula* (Ardoïn, 1969) **n. comb.** von *Uloma (Eutochia) pumilio* Bremer, 2001 **n. syn.**, *Cenoscelis maculipennis* (Grimm, 2002) **n. comb.** von *Eutochia*. Alle *Uloma*-Arten leben in rotfaulem Holz oder unter der Rinde von Bäumen, auch außerhalb von Wäldern in Savannen oder in Kulturland.

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1 Introduction

The genus *Uloma* Dejean, 1821 (subfamily Tenebrioninae Latreille, 1802) is widespread in nearly all zoogeographical regions of the Old and New World. The genus is particularly speciose in the tropics, more than 200 species are described. All species live in red-rotten wood or under the barks of trees, even outside temperate or tropical forests in savannas, or in cultivated land.

Recent taxonomic revisions are published only for a few regions, i. e. Australia (KASZAB 1982), Japan, Korea and Taiwan (MASUMOTO & NISHIKAWA 1986), Himalayas (SCHAWALLER 1996), Borneo and Sumatra (SCHAWALLER 2000), and China (e. g. LIU et al. 2011). The species from tropical Africa south of the Sahara, and including the adjacent islands Madagascar, Seychelles etc. were summarised by GEBIEN (1921). Subsequently, several additional spe-

cies from tropical Africa were described in single papers (ARDOÏN 1958, 1962, 1963, 1965, 1969, 1976; KASZAB 1969), but a comprehensive survey was never updated. The aim of the present paper is to fill this gap, 19 species are treated, species characters are figured and newly collected material is listed.

Uloma minuscula Ardoïn, 1969 is excluded herein from *Uloma*, and transferred to the genus *Cenoscelis* Wollaston, 1867. Two other taxa were never published again after the original description, and type material was not available: *Uloma fastidiosa* Fairmaire, 1882, described from eastern Africa, is, according to GEBIEN (1921), no *Uloma* because of the undentate anterior tibiae, and probably a synonym of the widespread *Cenoscelis pulla* (Erichson, 1843). Also the identity of *Uloma owariensis* (Palisot de Beauvois, 1805), described in the genus *Phaleria* from “Oware” in western Africa, is not yet solved.

¹ Contributions to Tenebrionidae no. 127. For no. 126 see: Stuttgarter Beiträge zur Naturkunde A, Neue Serie 8 (2015).

Acronyms of depositories

CML	Collection MARTIN LILLIG, Saarbrücken, Germany
CNC	Canadian National Collection of Insects, Ottawa, Canada
CRA	Collection Dr. ROLF AALBU, Dorado Hills, USA/California
CRG	Collection Dr. ROLAND GRIMM, Neuenbürg, Germany
HNHM	Hungarian Natural History Museum, Budapest, Hungary
MNB	Museum für Naturkunde, Berlin, Germany
MRAC	Musé Royal de l'Afrique Centrale, Tervuren, Belgium
NHMB	Naturhistorisches Museum, Basel, Switzerland
SMNS	Staatliches Museum für Naturkunde, Stuttgart, Germany
TMSA	Ditsong National Museum of Natural History, Pretoria, South Africa
ZSM	Zoologische Staatssammlung, München, Germany

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2 The African species of *Uloma**Uloma basilewskyi* Ardoïn, 1976
(Figs. 7, 19–21)

Type material examined: Tanzania, Uluguru Mts., Chenzema, Ulindi Forest, 2000–2400 m, 2.–22.VII.1971, leg. L. BERGER, N. LELEUP & J. DEBECKER, 2 ♂♂, 1 ♀ paratypes HNHM.

Additional material examined: Tanzania (labelled as D. O. Afrika). Uluguru Mts., XI.–XII.1898, leg. S. GÖTZE, 4 ♀♀ MNB. – Tanzania (labelled as Tanganyika Terr.), Uluguru Mts., Bunduki, 1300 m, 7.V.1957, leg. P. BASILEWSKY & N. LELEUP, 1 ♀ SMNS.

Type locality: “Ulindi Forest”.

Distribution: Tanzania (ARDOIN 1976).

Uloma brevipennis Gebien, 1921
(Figs. 8, 22–24)

Type material examined: Tanzania, Usambara, Neu Bethel, 1903, collector unknown, ♂ holotype NHMB.

Additional material examined: Tanzania, Usambara, Neu Bethel, without date, leg. J. MOSER, 2 ♂♂ NHMB. – Tanzania, Usambara, Neu Bethel, IX.1903, collector unknown, 1 ♂ SMNS. – Tanzania (labelled as D. O. Afr.), Nguelo, without

further data, 1 ♀ ZSM, 1 ♀ HNHM (both det. GEBIEN). – Tanzania, Usambara, without further data, 4 ex. MNB.

Type locality: “Neu Bethel, Usambara”.

Distribution: Tanzania (GEBIEN 1921).

Uloma cantaloubei Ardoïn, 1962
(Figs. 6, 25–27)

Material examined: Ivory Coast, Banco NR, without date, leg. R. PAULIAN & G. DELAMARE, 1 ♂ HNHM (det. ARDOIN). – SE Cameroon (labelled as Kamerun), Lolodorf, 19.II.–7.VI.1895, leg. L. CONRADT, 1 ♂ MNB. – NW Cameroon, Moliwe near Vicoria, 7.III.–1.IV.1908, leg. Frfr. VON MALTZAN, 1 ♀ MNB.

Type locality: “Yabassi”.

Distribution: Cameroon (ARDOIN 1962); Congo (ARDOIN 1965); Ivory Coast (new record).

Uloma collaris Gebien, 1921
(Figs. 1, 28–30)

Type material examined: Is. Principe, Roca inf. D. Henrique, 200–300 m, I.1901, leg. L. FEA, 1 ♂ syntype HNHM, designated herewith as lectotype. – Same data, 1 ♂, 1 ♀ syntypes NHMB, now labelled as paralectotypes.

Type locality: “Roca inf., Ins. Principe”.

Distribution: São Thomé and Principe (Island Principe) (GEBIEN 1921).

Uloma comorensis Gebien, 1922
(Fig. 2)

Type material examined: Grande Comore, coast (labelled as “Küste”), 1903, leg. VOELTZKOW, 1 ♀ syntype HNHM. – Type series not present in MNB (pers. comm. B. JÄGER).

Additional material examined: Grande Comore, plans d'afayou, II.1984, leg. A. RAUTENSTRAUCH, 1 ♀ SMNS.

Type locality: “Gr. Comoro”.

Distribution: Comores (GEBIEN 1922).

Uloma costae Karsch, 1881
(Figs. 3, 34–36)

Type material examined: São Thomé (labelled as S. Thomé), without further data, ♂ holotype MNB (Nr. 60989).

Additional material examined: São Thomé (labelled as S. Thomé), 400–700 m, XII.1900, leg. L. FEA, 2 ex. NHMB. – São Thomé (labelled as San Thomé), without further data, 1 ♂ SMNS. – Gabon, Bas-Ogué, Lambarene, without data, 1 ♀ TMSA.

Remarks: Redescription in GEBIEN (1921).

Type locality: “Ilha de São Thomé”.

Distribution: São Thomé and Principe (Island São Thomé) (GEBIEN 1921); Gabon (new record).

Uloma crenatostriata Fairmaire, 1868
(Figs. 9, 31–33)

Material examined: Seychelles, Mahé, Cascade Estate, 800–2000 ft. (240–610 m), II.1909, collector unknown, 1 ♂ HNHM (det. GEBIEN, labelled as “plesiotype”). – Seychelles, Mahé, without data, 3 ex. NHMB (det. GEBIEN, labelled as “plesiotype”). – Zanzibar, without data, 1 ♀ TMSA (det. GEBIEN).

Type locality: “Mahé”.

Distribution: Seychelles (GEBIEN 1922); Zanzibar (new record).

Uloma foveicollis (Thomson, 1858)
(Figs. 5, 40–42)

Ceratupis foveicollis Thomson, 1858.

Uloma procerata Kolbe, 1897 syn.

Material examined: Gabon, without further data, 2 ex. SMNS. – Cameroon, N’Kongsamba, VIII.1957, leg. J. CANTALOUBE, 1 ex. HNHM (det. ARDOIN). – Cameroon, Victoria, without further data, 1 ex. HNHM (det. GEBIEN, labelled as “plesiotype”). – Cameroon, Joko, without further data, 2 ex. HNHM. – Cameroon, Yaounde, Mefou, X.1967, leg. G. NONVEILLER, 1 ex. HNHM. – Congo, Lubutu, Kakolo, 3.X.1929, leg. A. COLLART, 1 ex. HNHM. – Congo, Lefinie NR, 9.I.1964, leg. J. BALOGH & A. ZICSI, 1 ex. HNHM. – Congo, Mosanga, Tshuapa, without date, leg. MASSART, 1 ex. HNHM. – Congo, Kivu, Bukavu, 2000 m, I.2000, leg. E. KITAMBALA, 4 ex. HNHM. – Congo, Kivu, Kahuzi, IV.1966, leg. JILLY, 7 ex. SMNS. – Congo, Parc Albert (new name Virunga NP), northern part, without date, leg. P. JOLIVET, 2 ex. TMSA, 1 ex. SMNS. – Tanzania, Mufindi, X.1938, leg. F. ZUMPT, 2 ex. TMSA. – Tanzania (labelled as D. O. Afrika), Tanga, 1903, leg. S. G. VOSELER, 1 ex. HNHM. – Tanzania (labelled as D. O. Afrika), Nguru, without further data, 3 ex. HNHM. – Tanzania, Mt. Nguru, without further data, 1 ex. TMSA, 1 ex. SMNS (det. KASZAB). – Tanzania, Victoria Lake, Ukerewe Island, without date, leg. P. A. CONRADS, 1 ex. TMSA, 1 ex. SMNS.

Type localities: “Gabon” (*U. foveicollis*), “Usambara, Nguelo” (*U. procerata*).

Distribution: Gabon (type locality); Equatorial Guinea, Cameroon (GEBIEN 1921); Guinea (ARDOIN 1963); Congo (ARDOIN 1965, KASZAB 1969); Tanzania (GRIDELLI 1954, ARDOIN 1976).

Uloma intrusivocollis Fairmaire, 1868
(Figs. 13, 43–45)

Uloma hondana Kolbe, 1897 syn.

Material examined: E Congo, Albertville (= Kalemie), westbank of Tanganjika Lake, 1000–2000 m, 24.XII.1939, leg. R. VOTIEN, 1 ex. HNHM. – Comores (labelled as Gr. Comoro), coast, 3.VIII.1903, leg. S. VOELTZKOW, 2 ♀♀ MNB (det. KULZER). – Tanzania, Nguelo, Usambara, without further data, 1 ♂ HNHM, 1 ♀ TMSA (both det. GEBIEN, labelled as “plesiotype”). – Tanzania, Nguelo, Usambara, without further data, 24 ex. MNB. – Tanzania, between Dar-es-Salam and Tanganjika Lake,

without further data, 2 ex. HNHM. – Tanzania, Victoria Lake, Ukerewe Island, without date, leg. P. A. CONRADS, 4 ex. TMSA, 2 ex. SMNS. – Tanzania, Mgorogoro Prov., 10 km N Mikumi, 11.I.2007, leg. F. KANTNER, 1 ex. SMNS. – Zambia, Abercorn (= Mbala), 15.XII.1943, leg. H.-J. BRÉDO, 1 ex. HNHM. – Zambia, Western Prov., 7.6 km S Ushaa, 1050 m, degraded Zambebian *Cryptosepalum* dry forest, light trap, 2.XII.2010, leg. F. GÉNIER, 1 ex. CNC. – Zambia, Ikengele, Nchila NR, 6.XI.2002, leg. F. WACHTEL, 1 ex. CRG. – Zambia, Western Prov., 7 km S Sefula, 1060 m, 1.XII.2010, leg. S. ROJKOFF, 1 ex. SMNS. – Mozambique, Zambezia Prov., Grué, Mt. Namuli, 870 m, 9.XII.2006, leg. P. SCHÜLE, 1 ex. SMNS. – Mozambique, Massinga, 4.–15.IV.1952, leg. M. FERREIRA, 2 ex. TMSA. – Mozambique, Beira, without date, leg. A. BODONG, 1 ex. TMSA.

Type localities: “Île Mayotte” (*U. intrusivocollis*), “Mhonda in Unguu” (*U. hondana*).

Distribution: Comores (GEBIEN 1922); Tanzania (GEBIEN 1922, ARDOIN 1976); E Congo, Zambia, Mozambique (new records).

Uloma laesicollis Thomson, 1858
(Figs. 11, 37–39)

Material examined: Equatorial Guinea, Fernando Poo, 1900, leg. L. CONRADT, 5 ex. MNB. – Guinea, Kindia, 21.–28.III.1964, leg. ŠABACKÝ, 3 ex. HNHM, 1 ex. SMNS. – Guinea, Coyah, 1968, leg. K. FERENCZ, 1 ex. HNHM. – Liberia, 11.IX.1977, leg. ZIMMERMANN, 1 ex. SMNS. – Liberia, Montserrado County, Peter Town, 26.III.1988, leg. F.-T. KRELL, 1 ex. SMNS. – Nigeria, Ile-Ife, 8.VII.1988, leg. F.-T. KRELL, 1 ex. SMNS. – Togo, Sokodé, Kpangalam, 7.VI.1988, leg. F.-T. KRELL, 2 ex. SMNS. – Ghana, Ashanti, Kumasi, 330 m, 16.VI.1966, leg. S. ENDRÖDY-YOUNGA, 1 ex. HNHM. – Congo, Brazzaville, Kindamba, Méya, 2.XI.1963, leg. S. ENDRÖDY-YOUNGA, 1 ex. HNHM. – Congo, Kivu, Irangi, 850 m, 20.IX.–7.X.1993, leg. C. LEIDENROTH, 1 ex. SMNS. – Congo, Katanga, Kinda, without further data, 1 ex. TMSA (det. GEBIEN). – Congo, Mayidi, 1943, leg. P. VAN EYEN, 1 ex. TMSA, 1 ex. SMNS. – Congo, Bambesa, VII.1937, leg. J. VRYDAGH, 6 ex. HNHM, 2 ex. TMSA. – Congo, Elisabethville, 15.XII.1938, leg. H.-J. BRÉDO, 1 ex. HNHM. – Congo, Stanleyville, 4.VI.1929, leg. A. COLLART, 1 ex. HNHM. – Congo, Lubuto (= Masua), 5.IX.1929, leg. A. COLLART, 4 ex. HNHM. – NW Cameroon, Moliwe near Victoria, XI.1907–I.1908, leg. Frfr. VON MALTZAN, 8 ex. MNB. – Cameroon, Joko, without further data, 7 ex. HNHM. – Cameroon, N’Kongsamba, VII.1957, collector unknown, 3 ex. HNHM, 3 ex. TMSA. – Cameroon, 7 miles S Ebolowa, 580 m, 15.–17.X.1966, leg. E. S. ROSS & K. LORENZEN, 1 ex. CRA. – Cameroon, Yaounde, Centre Agron, 710 m, 8.XI.1966, leg. E. S. ROSS & K. LORENZEN, 1 ex. CRA. – Cameroon, Mbalmayo, 640 m, 16.VII.1980, leg. R. AALBU, 1 ex. CRA. – Central African Republic, 90 km N Carnot, 820 m, 23.III.2010, leg. J. HALADA, 1 ♀ CRG. – Angola, Huila Prov., 10 km S Kakula, 1560 m, 4.XI.2011, leg. R. MÜLLER, 1 ex. TMSA.

Type locality: “Gabon”.

Distribution: Gabon (type locality); Equatorial Guinea, Congo (GEBIEN 1921, KASZAB 1969); Ivory Coast (ARDOIN 1969); Cameroon, Guinea (GRIDELLI 1954); Liberia, Ghana, Central African Republic, Angola (new records).

Uloma obscurina Ardoïn, 1962
(Figs. 15, 46–48)

Material examined: Cameroon, N’Kongsamba, IV.–V.1957, leg. J. CANTALOUPE, 2 ex. HNHM, 4 ex. TMSA (erroneously labelled as paratypes). – Cameroon, Abong-Mbang, 1959, leg. R. LENCZY, 2 ex. HNHM. – Cameroon, Nanga Eboko, VII.–X.1959, leg. R. LENCZY, 1 ex. HNHM. – Cameroon, North West Prov., Big Babanki, 1200 m, 5.–13.III.2008, leg. M. ŘIHA, 2 ex. SMNS. – Cameroon, Bamenda, 28.IX.1973, leg. R. TREMPER, 2 ex. CRA. – Congo, Bambesa, II.1940, leg. J. VRYDAGH, 7 ex. HNHM, 2 ex. TMSA. – Congo, Eala, VI.1935, leg. J. GHESQUIÈRE, 2 ex. HNHM. – Congo, Brazzaville, Loudima, XII.1963, leg. S. ENDRÖDY-YOUNGA, 3 ex. HNHM. – Congo, Semliki Forest, VIII.1959, leg. C. KOCH, 3 ex. NHMB. – W Kenya, Kakamega Forest NR, Buyango Hill, 1600–1670 m, 18.–20.I.2004, leg. F. HAAS, J. HOLSTEIN & A. ZAHM, 3 ex. SMNS. – W Kenya, Kakamega Forest NR, 1600 m, 21.IX.–10.X.2005, leg. D. BARTSCH & J. HOLSTEIN, 1 ex. SMNS.

Remarks: The original description of *U. obscurina* by ARDOIN (1962) specified only a holotype and a single “allotype”, i. e. paratype. The specimens in HNHM, NHMB and TMSA, originating from the type locality, are labelled by ARDOIN as paratypes, but are not listed as paratypes in the publication and so do not belong to the type series.

Type locality: “N’Kongsamba”.

Distribution: Cameroon (ARDOIN 1962); Guinea (ARDOIN 1963); Congo (ARDOIN 1965, KASZAB 1969).

Uloma parva Gebien, 1921
(Figs. 17, 18, 49–51)

Type material examined: Fernando Poo, Basilé, 400–600 m, VIII.–IX.1901, leg. L. FEA, 1 ♂ syntype HNHM, designated herewith as lectotype.

Additional material examined: Equatorial Guinea (labelled as Span. Guinea), Nkolentangan, XI.1907–V.1908, leg. G. TESSMANN, 4 ex. MNB. – Togo, Bismarckburg, without date, leg. L. CONRADT, 4 ex. MNB. – Cameroon, Duala, IX.1912, leg. VON ROTHKIRCH, 8 ex. MNB. – NW Cameroon, Moliwe near Victoria, 18.–30.XI.1907, leg. Frfr. VON MALTZAN, 1 ex. MNB. – Equatorial Guinea (labelled as Span. Guinea), Sereidou, IV.–V.1975, leg. ZOTT, 13 ex. MNB. – S Cameroon, Joko, no date, 1 ex. TMSA (det. GEBIEN). – Cameroon, Yaounde, IV.–X.1980, leg. R. AALBU, 6 ex. CRA, 1 ex. SMNS. – Cameroon, Kumba Station, 31.VII.1988, leg. F.-T. KRELL, 1 ex. SMNS. – Cameroon, Buea, 4.–11.II.1980, leg. M. SCHLEGEL & H. SCHMALFUSS, 1 ex. SMNS, 5 ex. CRG. – Congo, Brazzaville, Orstom, 19.X.1963, leg. S. ENDRÖDY-YOUNGA, 2 ex. HNHM. – Congo, Brazzaville, Lefinie NR, I.1964, leg. J. BALOGH & A. ZICSI, 4 ex. HNHM. – Congo, Libenge, Savane Liki-Bembe, 27.II.1948, leg. R. CREMER & M. NEUMAN, 7 ex. HNHM. – Congo, Masanga, 10.XI.1927, leg. A. COLLART, 1 ex. SMNS. – Congo, Stanleyville, 15.–18.IV.1928, leg. A. COLLART, 1 ex. TMSA. – Congo, Yangambi, 27.–31.VIII.1954, leg. H. FRANZ, 2 ex. NHMB. – Congo, Semliki Forest, VIII.1959, leg. C. KOCH, 1 ex. NHMB.

Type locality: “Fernando-Poo” (= Bioko).

Distribution: Equatorial Guinea (GEBIEN 1921); Cameroon, Guinea (ARDOIN 1963); Congo (ARDOIN 1965, KASZAB 1969); Togo (new record).

Uloma polita (Wiedemann, 1821)
(figures see SCHAWALLER 1996)

Phaleria polita Wiedemann, 1821.

Uloma scita Fairmaire, 1894 (not *Uloma scita* Walker, 1858).

Material examined: Rodrigues Island, Anse aux Anglais, Port Mathurin, 22.IX.1995, leg. R. FRICKE, 1 ex. SMNS. – Madagascar, Antsiranana (labelled as Diego Suarez), without further data, 2 ex. SMNS.

Remarks: GEBIEN (1912) redescribed the type.

Type locality: “Bengalia”.

Distribution: Widespread in the Oriental Region, Mauritius, Rodrigues Island, Madagascar.

Uloma pusilla Gerstaecker, 1871
(Figs. 14, 52–54)

Material examined: Ethiopia (labelled as Abyssinia), Urso (= Hoorsa, Ourso), without further data, 1 ex. HNHM. – Ethiopia, Kaffa Prov., Mui Game Reserve, 700 m, 10.IV.1972, leg. R. CLARKE, 2 ex. MRAC. – Zanzibar, without date, leg. A. RAFFRAY, 1 ex. ZSM. – Congo, Kivu, Butembu, I./V.1956, leg. R. CÉLIS, 2 ex. TMSA. – Tanzania, 100 km on Kahama Road, 1200 m, 24.XII.2006, leg. F. KANTNER, 1 ex. SMNS. – Tanzania, Pwani Prov., 70 km E Morogoro, 300 m, 12.XII.2006, leg. F. KANTNER, 1 ex. SMNS. – Tanzania, Vomoro Distr., Wami, 8.–30.XII.2007, leg. C. JOROM, 3 ex. SMNS. – Tanzania (labelled as Tanganyika), Usa River, 3900 ft. (1190 m), 15.IX.–25.XI.1965, leg. J. SZUNYOGHY, 1 ex. HNHM. – Tanzania, E shore of Sereri Lake, 3150 ft. (960 m), 11.–27.VIII.1965, leg. J. SZUNYOGHY, 3 ex. HNHM. – Tanzania, Morogoro, II.1970, leg. T. PÖCS, 8 ex. HNHM. – Tanzania, Morogoro, University Campus, 2.VII.1988, leg. T. PÖCS, 1 ex. HNHM. – Tanzania (labelled as D. O. Afrika), Tanga, without date, leg. VOSSELER, 3 ex. MNB. – Tanzania, (labelled as D. O. Afrika), Daressalam, without date, leg. G. REGNER, 1 ex. MNB. – Kenya, Witu, Kipini, without date, leg. F. THOMAS & G. DENHARDT, 3 ex. MNB. – Kenya (labelled as Afr. or.), Shirati, 1909, leg. KATONA, 15 ex. HNHM. – Kenya, Kilifi Distr., Arabuko Sokoke Forest Reserve, 20 km S Malindi, 21.V.–7.VI.1994, leg. L. BARTOLOZZI et al., 1 ex. HNHM. – Kenya, Simba Hills, 8.–9.III.2002, leg. S. & L. MAHUNKA, 1 ex. HNHM. – Kenya, Voi, 20.XI.1972, leg. H. WALKER, 1 ex. CRA. – Kenya, Tsavo, Voi, 8.–18.XI.1996, leg. M. SNIŽEK, 8 ex. ZSM, 1 ex. SMNS. – Zambia, Ikengele, Nchila NR, 6.XI.2002, leg. F. WACHTEL, 1 ex. CRG. – South Africa, Limpopo, Krüger NP, Punda Milla, 21.–23.XI.1961, leg. L. VÁRI & RORKE, 6 ex. TMSA. – South Africa, Limpopo, Krüger NP, Letaba Camp, 14.–18.XI.1961, leg. L. VÁRI & RORKE, 7 ex. TMSA. – South Africa, Limpopo, Krüger NP, Skukuza Research Camp, 1.–16.XII.2010, leg. J. HARRISON, 2 ex. TMSA. – South Africa, Limpopo, Nylsvley NR, 1975/1976, leg. S. ENDRÖDY-YOUNGA, 10 ex. TMSA, 1 ex. SMNS. – South Africa, Limpopo, Thabaphaswa, 14.XII.2003, leg. R. MÜLLER, 1 ex. TMSA. – South Africa, Limpopo, Combretum Park, 9.XI.2002, leg. R. MÜLLER, 1 ex. TMSA. – South Africa, Limpopo, Mapungubwe, Little Muck NR, 500 m, 6.–9.XII.2008, leg. W. SCHAWALLER, 1 ex. SMNS. – South Africa, Transvaal, Nelsshoogte Galery Forest, 4.III.1986, leg. S. ENDRÖDY-YOUNGA, 2 ex. TMSA. – South Africa, Transvaal, Nelspruit Distr., Farm de Hoop, 20.–21.XI.1972, leg. A. STRYDOM, 1 ex. TMSA. – South Africa, Transvaal, Barberton Distr., Farm Alfa, no. 448, 22.–26.XI.1972, leg. S. ENDRÖDY-YOUNGA, 1 ex. TMSA.

– South Africa, Transvaal, Pretoria, Soutpan, 19.XI.1983, leg. S. ENDRÖDY-YOUNGA, 8 ex. TMSA. – South Africa, Transvaal, Pretoria, Roodeplat, 17.–18.X.1980, leg. NEUBECKER, 2 ex. SMNS (det. KASZAB), 1 ex. TMSA. – South Africa, Transvaal, Waterval Farm, XI.–XII.1991, leg. R. DIXON, 3 ex. TMSA. – South Africa, Mpumalanga, Ezemvelo NR, 27.I.2004, leg. TMSA staff, 1 ex. TMSA. – South Africa, Mpumalanga, Steelpoort, Didingwe Lodge, 15.X.2002, leg. TMSA staff, 1 ex. TMSA. – South Africa, Mpumalanga, Richmond Farm, 950 m, XI.–XII.2001, leg. TMSA staff, 2 ex. TMSA. – South Africa, Mpumalanga, Helena Farm, 1090 m, 11.II.2002, leg. TMSA staff, 1 ex. TMSA. – South Africa, Mpumalanga, Der Brochen, 7.XII.2005, leg. J. HARRISON, 1 ex. TMSA. – South Africa, KwaZulu-Natal, Itala NR, 24.XI.2002, leg. J. HARRISON & A. FROLOV, 1 ex. TMSA. – South Africa, KwaZulu-Natal, St. Lucia, Mission Rocks, 9.XII.1975, leg. S. ENDRÖDY-YOUNGA, 2 ex. TMSA. – South Africa, KwaZulu-Natal, Sodwana Bay, 23.XI.1992, leg. S. ENDRÖDY-YOUNGA, 4 ex. TMSA. – South Africa, KwaZulu-Natal, Ndumo NR, 23.XI.2001, leg. P. SCHÜLE, 2 ex. SMNS. – South Africa, KwaZulu-Natal, Ndumo NR, 20.–22.XI.2002, leg. W. SCHAWALLER, 1 ex. SMNS. – South Africa, KwaZulu-Natal, SW Magudu, 4.–5.I.2009, leg. R. MÜLLER & P. SCHÜLE, 1 ex. TMSA, 1 ex. SMNS. – South Africa, KwaZulu-Natal, Hluhluwe, 100 m, 1.I.2009, leg. R. MÜLLER & S. GUSSMANN, 1 ex. TMSA. – South Africa, KwaZulu-Natal, Eshowe, 22.–27.XII.1997, leg. I. JENIŠ, 1 ex. ZSM. – South Africa, Northern Cape, 10 km SE Kimberley, Benfontein NR, 6.II.2009, leg. D. MACFADYEN & R. MÜLLER, 10 ex. TMSA. – South Africa, Northern Cape, 10 km N Kimberley, Dronfield NR, 1300 m, 8.–12.II.2012, leg. R. MÜLLER & W. SCHAWALLER, 3 ex. TMSA, 2 ex. SMNS. – South Africa, Northern Cape, 70 km S Olifantshoek, Witsand NR, 1200 m, 4.–7.II.2012, leg. R. MÜLLER & W. SCHAWALLER, 1 ex. TMSA, 2 ex. SMNS. – Angola, Huila Prov., 10 km SW Cacula, 4.–6.XI.2011, leg. P. SCHÜLE, 14 ex. SMNS. – Angola, Huila Prov., 20 km S Caluquembe, 6.–7.XI.2011, leg. P. SCHÜLE, 1 ex. SMNS.

Type locality: “Insel Sansibar”.

Distribution: Tanzania (type locality); Ethiopia, E Congo, Kenya, Angola, Zambia, South Africa (new records).

Uloma rufonotata Ardoïn, 1958

(Fig. 4)

Material examined: Congo, Parc National Albert Nord [= North], without date, leg. P. JOLIVET, 1 ♀ SMNS.

Remarks: Male unknown, holotype and a single paratype are said to be females.

Type locality: “N’Kongsamba”.

Distribution: Cameroon, Gabon (ARDOIN 1958); Congo (new record).

Uloma scita Walker, 1858 (figures see SCHAWALLER 1996)

Material examined: Seychelles, without further data, leg. A. MERIAN, 1 ex. MNB (det. GEBIEN).

Type locality: “Ceylon”.

Distribution: Sri Lanka, Seychelles (GEBIEN 1922); Pakistan, Nepal, N India (SCHAWALLER 1996).

Uloma simplicollis Ardoïn, 1962

(Figs. 16, 55–57)

Material examined: Cameroon, Douala, Bois des Singes, XI.1958, leg. J. CANTALOUBE, 1 ex. HNHM, 2 ex. TMSA (erroneously labelled as paratypes). – Cameroon, N’Kongsamba, XI.1958, leg. J. CANTALOUBE, 1 ex. HNHM, 1 ex. TMSA (erroneously labelled as paratypes). – Cameroon, Boumba, Ngoko, Yaounde, X.1962, leg. G. NONVEILLER, 1 ex. HNHM. – Cameroon, Yaounde, Mefou, X.1967, leg. G. NONVEILLER, 1 ex. HNHM. – Ghana, Ashanti Region, Kwadaso, II.–VIII.1969, leg. S. ENDRÖDY-YOUNGA, 5 ex. HNHM, 1 ex. SMNS, 1 ex. TMSA. – Ghana, Ashanti Region, Kumasi, Nhasu, 330 m, 1967/1968, leg. S. ENDRÖDY-YOUNGA, 2 ex. HNHM. – Ghana, Northern Region, Banda-Nkwanta, 150 m, 1.–7.III.1967, leg. S. ENDRÖDY-YOUNGA, 1 ex. SMNS. – Liberia, Bong Town, 23.III.1988, leg. F.-T. KRELL, 1 ex. SMNS. – Nigeria, Calabar, 5.XI.1955, leg. J. BECHYNÉ, 1 ex. HNHM. – Nigeria, Ile-Ife, 7.–13.VII.1988, leg. F.-T. KRELL, 3 ex. SMNS. – Nigeria, Nsukka, 22.VII.1988, leg. F.-T. KRELL, 1 ex. SMNS. – Togo, Avétonou, 130–150 m, 14.–15.VI.1988, leg. F.-T. KRELL, 2 ex. SMNS. – Congo, Brazzaville, Loudima, 5.XII.1963, leg. S. ENDRÖDY-YOUNGA, 3 ex. HNHM. – Congo, Brazzaville, Orstom Park, 19.XI.1963, leg. S. ENDRÖDY-YOUNGA, 1 ex. HNHM. – Tanzania, Viwenge, Mazombe Ward, 6.–11.I.2009, leg. K. ANGELUS, 1 ♂ CML.

Remarks: ARDOIN (1962) named the species “*simplicollis*”, but used in the figure legend “*simplicicollis*”. According to ICZN, *simplicollis* is the valid name for this species. The original description specified only a holotype and a single “allotype”, i. e. paratype. Some specimens in HNHM, NHMB and TMSA, originating from the type locality, are labelled by ARDOIN as paratypes of “*simplicicollis*”, but are not listed as paratypes in the publication, and so do not belong to the type series.

Type locality: “Douala, Bois des Singes”.

Distribution: Cameroon, Guinea (ARDOIN 1962, 1963); Congo (KASZAB 1969 under *U. “simplicicollis”*); Ghana, Liberia, Nigeria, Togo, Tanzania (new records).

Uloma sjoestedti Gebien, 1904

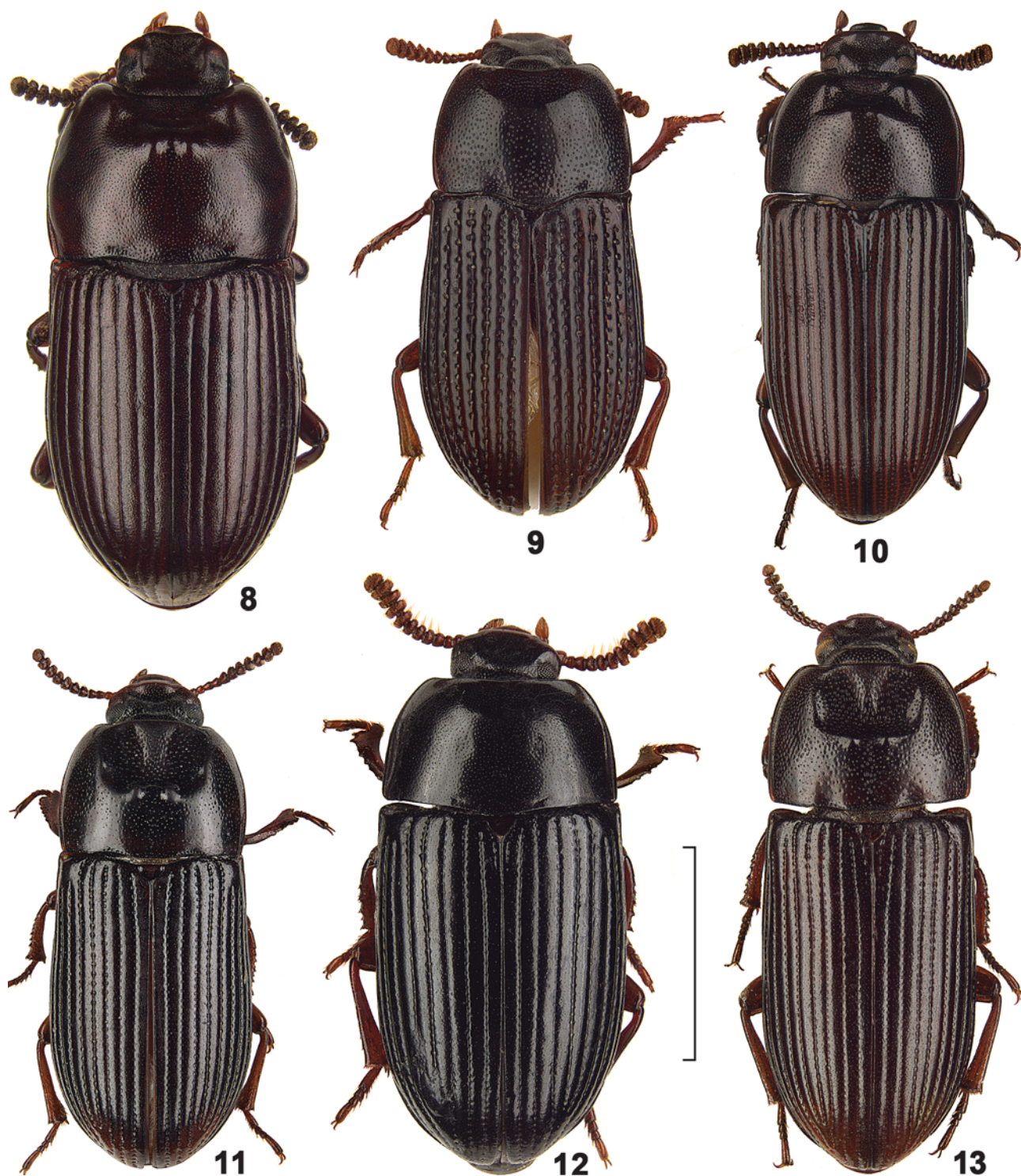
(Figs. 10, 58–60)

Type material examined: Cameroon, Moliwe near Victoria, without date, leg. Y. SJÖSTEDT, 1 ♂ syntype NHMB, designated herewith as lectotype.

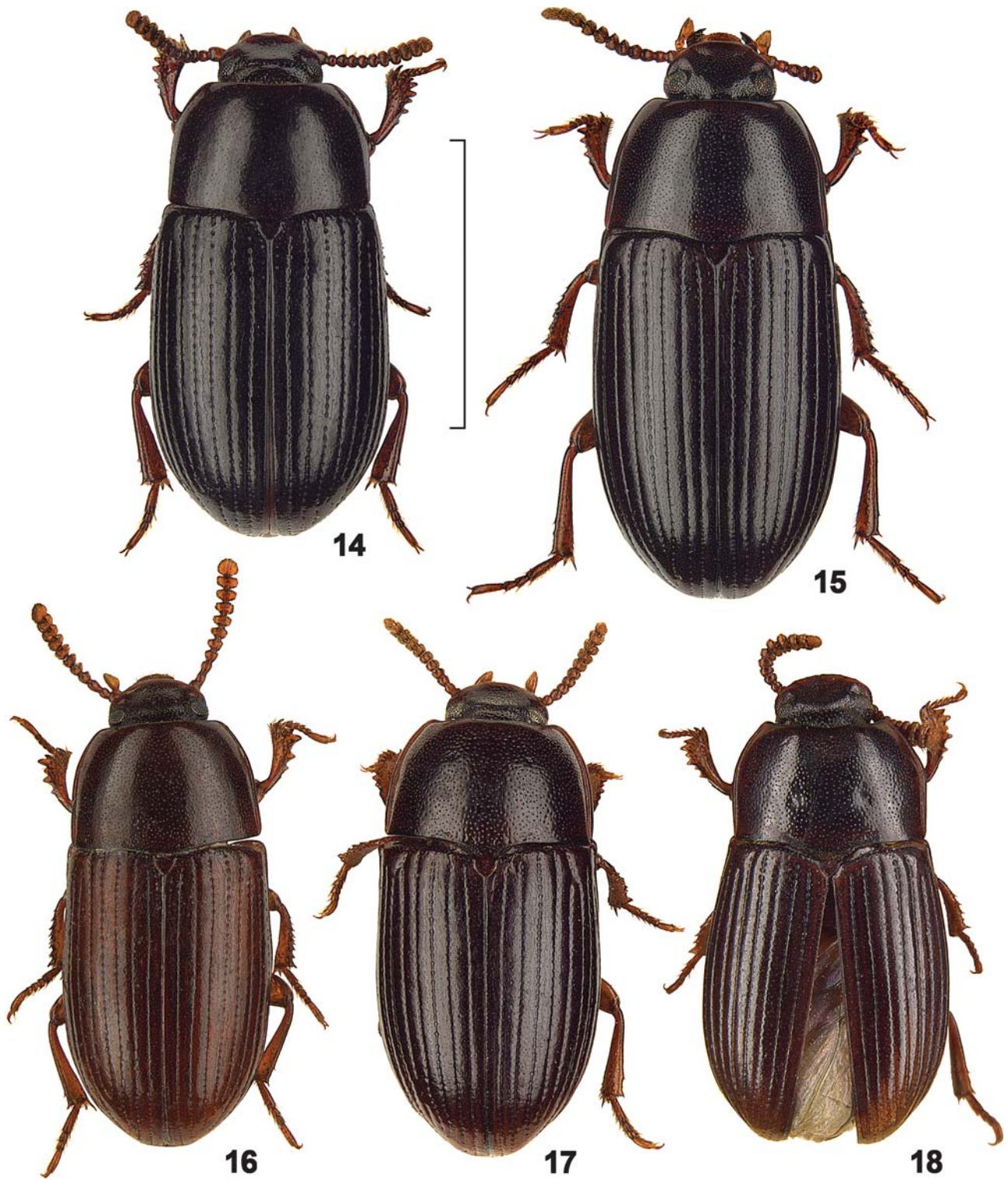
Additional material examined: Congo, W Ruwenzori, Fort Beni, Exped. Herzog A. FRIEDRICH ZU MECKLENBURG, 1 ex. TMSA (det. GEBIEN). – Congo, Kangu Mayombe, without date, leg. PEREGI, 1 ex. SMNS (det. KASZAB). – Congo, Parc Albert (new name: Virunga NP), northern part, without date, leg. P. JOLIVET, 2 ex. TMSA. – Congo, Mayidi, 1945, leg. P. VAN EYEN, 1 ex. SMNS. – Congo, Brazzaville, Lefinie, Mbékoka Forest, 10.I.1964, leg. J. BALOGH & A. ZICSI, 3 ex. HNHM. – Congo, Kangu Mayombe, without date, leg. PEREGI, 1 ex. HNHM. – Congo, Buhunde, Matenda, 28.IX.1929, leg. A. COLLART, 1 ex. HNHM. – Cameroon (labelled as Kamerun), Soppo, II.1912, leg. VON ROTHKIRCH, 7 ex. MNB. – Cameroon (labelled as Kamerun), Soppo, 800 m, XII.1912, leg. VON ROTHKIRCH, 7 ex. MNB. – NW Cameroon, Moliwe near Victoria,



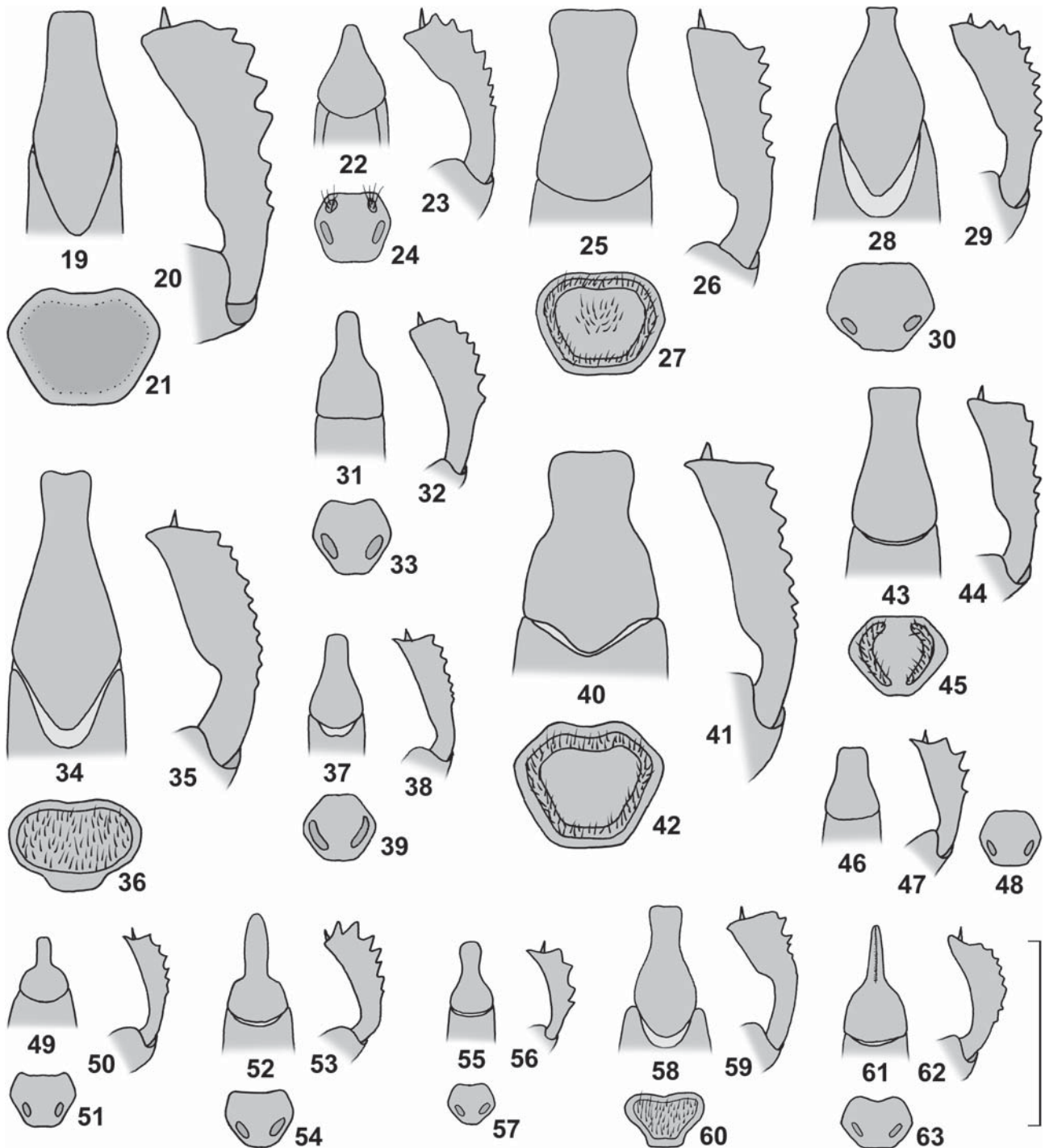
Figs. 1–7. *Uloma* spp., dorsal views. – 1. *U. collaris*, São Thomé, ♂ lectotype HHNM. 2. *U. comorensis*, ♀ non-type SMNS. 3. *U. costae*, São Thomé, ♂ non-type SMNS. 4. *U. rufonotata*, Congo, ♀ non-type SMNS. 5. *U. foveicollis*, Congo, ♂ non-type SMNS. 6. *U. cantaloubei*, Ivory Coast, ♂ non-type HHNM. 7. *U. basilewskyi*, ♂ paratype HHNM. – Scale: 2 mm.



Figs. 8–13. *Uloma* spp., dorsal views. – 8. *U. brevipennis*, Tanzania, ♂ non-type SMNS. 9. *U. crenatostriata*, Seychelles, ♂ non-type HNHM. 10. *U. sjoestedti*, Togo, ♂ non-type SMNS. 11. *U. laesicollis*, Togo, ♂ non-type SMNS. 12. *U. sulcipennis*, Congo, ♂ non-type SMNS. 13. *U. intrusicollis*, Tanzania, ♂ non-type SMNS. – Scale: 2 mm.



Figs. 14–18. *Uloma* spp., dorsal views. – **14.** *U. pusilla*, South Africa, ♂ non-type SMNS. **15.** *U. obscurina*, Cameroon, ♂ paratype HNHM. **16.** *U. simplicollis*, Ghana, ♂ non-type SMNS. **17.** *U. parva*, Cameroon, ♀ non-type SMNS. **18.** *U. parva*, Congo, ♂ non-type SMNS. – Scale: 2 mm.



Figs. 19–63. *Uloma* spp., apicale of aedeagus, male right anterior tibia, and male mentum. – 19–21. *U. basilewskyi*, ♂ paratype HNHM. 22–24. *U. brevipennis*, Tanzania, ♂ non-type SMNS. 25–27. *U. cantaloubei*, Ivory Coast, ♂ non-type HNHM. 28–30. *U. collaris*, São Thomé, ♂ lectotype HNHM. 31–33. *U. crenatostriata*, Seychelles, ♂ non-type HNHM. 34–36. *U. costae*, São Thomé, ♂ non-type SMNS. 37–39. *U. laesicollis*, Togo, ♂ non-type SMNS. 40–42. *U. foveicollis*, Tanzania, ♂ non-type SMNS. 43–45. *U. intrusicollis*, Mozambique, ♂ non-type TMSA. 46–48. *U. obscurina*, Cameroon, ♂ non-type HNHM. 49–51. *U. parva*, Cameroon, ♂ non-type SMNS. 52–54. *U. pusilla*, South Africa, ♂ non-type SMNS. 55–57. *U. simplicollis*, Ghana, ♂ non-type SMNS. 58–60. *U. sjoestedti*, Togo, ♂ non-type SMNS. 61–63. *U. sulcipennis*, Congo, ♂ non-type HNHM. – Scales: 1 mm (apicale, mentum), 0.5 mm (tibia).

XI.1907–I.1908, leg. Frfr. VON MALTZAN, 2 ex. MNB. – Cameroon, Joh.-Albrechtshöhe, V.–VIII.1898, leg. L. CONRADT, 3 ex. MNB. – Cameroon, N’Kongsamba, VI./VII.1957, collector unknown, 6 ex. HNHM, 6 ex. TMSA. – Cameroon, South West Prov., Mt. Cameroon, Buea, hut 1 region, 1800 m, 28.II.–3.III.2008, leg. M. ŘIHA, 16 ex. SMNS. – Togo, Plareaux Region, Kloto, Forêt Classée de Missahoe, 2.II.–17.III.2012, leg. A. MENSAH, 1 ex. SMNS. – Ghana, Ashanti Region, Mampong, 600 m, 8.VIII.1965, leg. S. ENDRÖDY-YOUNGA, 2 ex. HNHM. – Ghana, Volta Region, Amedzofe, 1.IX.1967, leg. S. ENDRÖDY-YOUNGA, 1 ex. TMSA. – Rwanda, Shangugu, 1960, leg. L. BIRARI, 18 ex. HNHM. – Rwanda, Ithembe, 10.III.1960, leg. P. DONIS, 4 ex. HNHM. – Rwanda, Nyakabuye, 15.VII.1984, leg. H. MÜHLE, 1 ex. HNHM.

Type locality: “Moliwe”.

Distribution: Cameroon (GEBIEN 1904); Congo (ARDOIN 1965, KASZAB 1969); Guinea (ARDOIN 1963); Ivory Coast (GRIDELLI 1954, ARDOIN 1969); Togo, Ghana, Rwanda (new records).

Uloma sulcipennis (Thomson, 1858)
(Figs. 12, 61–63)

Heterophaga sulcipennis Thomson, 1858.

Alphitobius sulcipennis (Thomson, 1858) (ARDOIN 1963).

Uloma pachycera Gebien, 1921 syn. (ARDOIN 1963).

Type material examined: Fernando-Poo, Musola, 500–800 m, I.–III.1902, leg. L. FEA, 1 ♂ syntype of *pachycera* NHMB, designated herewith as lectotype.

Additional material examined: NW Cameroon, Moliwe near Victoria, XI.–XII.1907, leg. Frfr. VON MALTZAN, 6 ex. MNB. – Cameroon, Bibundi, 1.–15.IX.1904, leg. G. TESSMANN, 3 ex. MNB. – Cameroon, Johann-Albrechtshöhe, 1895, leg. L. CONRADT, 1 ex. MNB. – Cameroon, Yabassi, V.1957, leg. J. CANTALOUPE, 1 ex. HNHM (*pachycera* det. KULZER). – Cameroon, Nanga Eboko, III.–IV.1959, leg. R. LENCZY, 1 ex. HNHM. – Cameroon, without further data, 2 ex. HNHM. – Congo, Kindamba, Méya, Bangou Forest, 4. & 9.XI.1963, leg. S. ENDRÖDY-YOUNGA, 2 ex. HNHM. – Congo, Sibiti, 29.XI.1963, leg. J. BALOGH & A. ZICSI, 1 ex. HNHM. – Congo, Yangambi, 1.–5.IX.1954, leg. H. FRANZ, 1 ex. SMNS.

Type localities: “Gabon” (*U. sulcipennis*), “Fernando-Poo” (= Bioko) (*U. pachycera*).

Distribution: Gabon (type locality); Equatorial Guinea, Cameroon (GEBIEN 1921); Guinea (ARDOIN 1963); Congo (KASZAB 1969).

3 Key to the African species of *Uloma* (without islands)

The following key is suitable for males only (to be recognised by dissection of the aedeagus). The male of *U. rufonotata* is unknown, but the species is nevertheless included. Not included in this key are four species (from Madagascar, Mauritius, Rodrigues Island, Seychelles, Comores and Zanzibar in the Indian Ocean) which can easily be identified by their distributional pattern [*U. comorensis* Gebien, 1922, *U. crenostriata* Fairmaire, 1868, *U. polita* (Wiedemann, 1821), and *U. scita* Walker, 1858]. Also omitted are two taxa of doubtful status [*U. fastidiosa* Fairmaire, 1882, and *U. owariensis* (Palisot de Beauvois, 1805)].

- 1 Last abdominal ventrite distinctly bordered, larger species (body length 13–16 mm)..... 2
- Last abdominal ventrite unbordered, smaller species (body length 12 mm or less)..... 3
- 2 Body blackish, male mentum with a complete garland of setae but disc bare, apicale of aedeagus shorter. – Figs. 5, 40–42..... *foveicollis*
- Body brownish, male mentum with a complete garland of setae and also disc with setation, apicale of aedeagus longer. – Figs. 6, 25–27..... *cantaloubei*
- 3 Elytra bicoloured dark with reddish spots in the humeral region and at tip. – Fig. 4 (male unknown). *rufonotata*
- Dorsal surface of pronotum and elytra completely unicoloured brownish or blackish..... 4
- 4 Male pronotum anteriorly without any excavation, or at most with a weak median impression, elytra ovate (five similar species, to be identified only by examination of the aedeagus). 5
- Male pronotum anteriorly with distinct excavation, elytra ovate or elongate parallel. 9
- 5 Male pronotum anteriorly with a weak median impression. 6
- Male pronotum without any impression..... 7
- 6 Body length around 5 mm, finger-like process of aedeagal apicale shorter and without longitudinal keel. – Figs. 17, 18, 49–51..... *parva*
- Body length around 8 mm, finger-like process of aedeagal apicale long and with longitudinal keel. – Figs. 12, 61–63.... *sulcipennis*
- 7 Apicale of aedeagus with a broad base and a finger-like process. – Figs. 14, 52–54. *pusilla*
- Apicale of aedeagus of different shape (Figs. 46, 55). 8
- 8 Apicale of aedeagus prolonged and with a rounded tip. – Figs. 16, 55–57. *simplicollis*
- Apicale of aedeagus short and with a truncate tip. – Figs. 15, 46–48..... *obscurina*
- 9 Male anterior tibia with the inner margin distinctly and abruptly widened in the distal half (Figs. 23, 59). 10
- Male anterior tibia with the inner margin at most on distal two-thirds widened (Figs. 29, 35, 38)..... 11
- 10 Body elongate parallel, apicale of aedeagus with truncate tip, male mentum nearly completely covered with denser setation. – Figs. 10, 58–60. *sjoestedti*
- Body ovate, apicale of aedeagus with rounded tip, male mentum only with a few setae in impressions. – Figs. 8, 22–24. *brevipennis*
- 11 Body length around 7–8 mm, elytra elongate parallel (Figs. 11, 13)..... 12
- Body length 9–14 mm, elytra ovate (Figs. 1, 3, 7). 13
- 12 Apicale of aedeagus with a truncate tip, male mentum with an interrupted garland of setae. – Figs. 13, 43–45. *intrusicollis*
- Apicale of aedeagus with a rounded tip, male mentum with two impressions without setae. – Figs. 11, 37–39. *laesicollis*
- 13 Body length 11.5–14.0 mm, apicale of aedeagus with a parallel-sided truncate tip, male mentum with a median impression without setae. – Figs. 7, 19–21. *basilewskyi*
- Body length 9–11 mm, apicale of aedeagus with a widened truncate tip, male mentum different. 14
- 14 Male mentum with two small impressions without setae. – Figs. 1, 28–30. *collaris*
- Male mentum nearly completely covered with denser setation. – Figs. 3, 34–36. *costae*

4 New combinations

Cenoscelis maculipennis (Grimm, 2002) **n. comb.**

Eutochia maculipennis Grimm, 2002.

Type material examined: Gambia, Kololi, 6.–19.VII.2000, leg. R. GRIMM, holotype ZSM.

Additional material examined: Ghana, Ashanti Region, Kwadaso, 320 m, 26.II.1969, leg. S. ENDRÖDY-YOUNGA, 9 ex. HNHM (det. KASZAB as “*Uloma platydemoides* Ardoin”, unpublished name). – Cameroon, Nanga Eboko, VII.–X.1959, leg. R. LENCZY, 1 ex. HNHM. – Benin, 15 km N Tangueta, 28.–29.VI.2001, leg. F. & L. KANTNER, 1 ex. SMNS. – Benin, Save, 18.–20.VI.2001, leg. F. & L. KANTNER, 1 ex. SMNS.

Remarks: DOYEN (1985) showed, that *Eutochia* applies only to the New World species, and that the Old World species belong to *Cenoscelis*. GRIMM (2002) compared *maculipennis* with *Eutochia pumilio* Bremer, 2001 (see below as synonym of *Cenoscelis minuscula*), and with the widespread *C. pulla* (Erichson, 1843) (SCHAWALLER et al. 2013).

Distribution: Gambia (type locality); Ghana, Benin, Cameroon (new records).

Cenoscelis minuscula (Ardoin, 1969) **n. comb.**

Uloma minuscula Ardoin, 1969.

Eutochia pumilio Bremer, 2001 **n. syn.**

Type material examined: Ivory Coast, Ferkessédougou, 10.–20.V.1964, leg. J. DECELLE, ♀ holotype of *minuscula* MRAC. – Sudan, North Dafur Prov., El Geneina, 13.IX.1979, leg. I. M. ABUZINID, 1 paratype of *pumilio* SMNS.

Additional material examined: Ivory Coast, Kafolo/Comoé, 27.IV.1988, leg. F.-T. KRELL, 1 ex. SMNS.

Remarks: ARDOIN (1969) placed his *Uloma minuscula* only preliminarily to *Uloma* because of the small body size, the long antennae, and the undentate anterior tibiae. However, these characters fully coincide with the genus *Cenoscelis* Wollaston, 1867, thus *U. minuscula* is excluded herein from *Uloma* and transferred to *Cenoscelis*. BREMER (2001) described *Eutochia pumilio* from Sudan and other countries. Reexamination of type specimens revealed its junior synonymy with *Cenoscelis minuscula* (Ardoin 1969).

Type localities: “Ferkessédougou” (*U. minuscula*), “El Geneina” (*E. pumilio*).

Distribution: Ivory Coast, Chad, Senegal (ARDOIN 1969); Mali, Sudan, Ghana, Gambia (BREMER 2001).

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