

World checklist of *Baccharis* L. (Compositae-Astereae)

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Version 2013-09-03

Accepted species are numbered and bold-type. Synonyms are written in italics (the whole paragraph). Synonymy is tentative.

Invalid "names" are written in minor fonts.

Geographic record (except for Brazil) is mainly based on specimens seen by myself.

I am indebted to Gustavo Heiden for the Brazilian state records and further important suggestions. Valuable information and suggestions were given also by David Keil and John Strother.

Especially small-leaved *Baccharis* of Peru, Ecuador, Colombia, and Brazil are in need of modern revisionary studies. Those may significantly alter number of accepted species; in all I expect a lower number than that given by this preliminary checklist (354).

Illustration records are not aimed to be complete, especially for North American species.

References

Baccharis abietina Kuntze, *Rev. gen.* 3(2): 131. 1898. Type: "Chile: 1600 m Paso Cruz" (NY-162203!, NY-162203!, isotypes)
= *Baccharis grisebachii* Hieron.

Baccharis absinthoides Hook. & Arn., *Bot. Beech. voy.* 1: 57. 1832. Type: Chile, "Conception" (not seen)
≡ *Pluchea absinthoides* (Hook. & Arn.) H. Rob

1. *Baccharis acaulis* (Wedd. ex R. E. Fr.) Cabrera, *Bol. Soc. Argent. Bot.* 16: 255. 1975. *Heterothalamus acaulis* Wedd. ex R. E. Fr., *Nova Acta Reg. Soc. Sci. Upsal.*, Ser. 4, 1: 79. 1905. *Pseudobaccharis acaulis* (Wedd. ex R. E. Fr.) Cabrera, *Not. Mus. La Plata* 9: 248. 1944. Type: Argentina, Bolivia; "das in der botanischen Abteilung des Reichsmuseums zu Stockholm befindliche, mit ♀-Köpfchen versehene Mandon'sche Exemplar (N:o 109. Bolivia, Prov. Larecaja, Viciniis Sorata prope Apacheta de Logena in graminosis. *Reg. alpina* 4000 m. Aug. 1859) ... Moreno in locis salsis subhumidis, 3500 m. s. m. (23 Oct. 1901; Fr. 701)"; *Fries 701*, ♂ (S!, lectotype, Müller 2006a: 287, US!, isolectotype); *Mandon 109*, ♀ (G!, 2×, GH!, K!, NY!, P!, 4×, S!, syntypes)

Ic.: Cabrera 1978: Fig. 90; Müller 2006a: Fig. 113

Argentina (JU, SA), Bolivia (CO, LP, OR, PO, TA), Chile (TA), Peru (PU)

Baccharis juncea group

Baccharis acerosa Turcz., *Bull. Soc. Imp. Natur. Moscou* 1851(2): 66. 1851. Type: Ecuador; "In alpe Pichincha alt. 14000 ped. legit cl. Jameson", ♀ (KW!, holotype, BM!, 2×, G!, 2×, isotypes)
= *Baccharis marcetifolia* Benth.

2. *Baccharis acutata* (Alain) Borhidi, *Bot. Közlem.* 62: 27. 1975. *Baccharis orientalis* var. *acutata* Alain, *Contr. Ocas. Mus. Hist. Nat. Colegio "De La Salle"* 18: 3. 1960. Type: Cuba; "Oriente: Puntón del Cuero, Imías, Enero 11, 1956, Alain & Morton 4989" (LS, holotype, NY, isotype)

Cuba

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis acutiloba Sch. Bip. ex Baker, *Fl. bras. (Martius)* 6(3): 87. 1882 [pro syn. *Baccharis incisa* Hook. & Arn.]

Baccharis adnata Humb. & Bonpl. ex Willd., *Enum. pl. hort. berol.* 870. 1809. Type: "Habitat in America meridionali" (not seen)
= *Pluchea salicifolia* (Mill.) S. F. Blake (Malagarriga 1977)

Baccharis adscendens Juss. ex Pers., *Syn. pl.* 2: 424. 1807. Type: "Peru" (not seen)
= *Baccharis scandens* (Ruiz & Pav.) Pers. (Dillon & Hensold 1993, Giuliano 2000)

Baccharis aegyptiaca Lam., *Encycl. méth.* 1: 346. 1785. Type: "passe pour originaire de l'Egypte; on la cultive au Jardin du Roi"
= ?

Baccharis aegyptiaca (L.) Desf., *Tabl. École Bot.* 97. 1804 [non Lam. 1785]. *Erigeron aegyptiacus* L., *Mant. pl.* 112. 1767.
= *Conyza aegyptiaca* (L.) Aiton

Baccharis aegyptiaca Forsk. ex DC., *Prodr.* 5: 450. 1836 [pro syn. *Pluchea dioscoridis* (L.) DC.]

Baccharis affinis DC., *Prodr.* 5: 413. 1836. *Baccharis subopposita* var. *affinis* (DC.) Baker, *Fl. bras. (Martius)* 6(3): 91. 1882. Type: Brazil; "in Brasiliae prov. Sancti-Pauli et Rio-Grande. ... (v. s. in h. Mus. reg. Par. à Mus. imp. Bras. ... sub n. 487 et 398, ... sub n. 969 miss.)"; Sellow s.n. = M. I. B. 969, ♀ (G-DC!, lectotype, designated by Müller 2006a: 132, P!, isolectotype); Sellow s.n. = M. I. B. 398, ♂ (G-DC!, syntype)
= *Baccharis tridentata* Vahl

Baccharis affinis Spreng. ex Baker, *Fl. bras. (Martius)* 6(3): 94. 1882 [pro syn. *Baccharis retusa* DC.]

Baccharis ageratum Bojer ex DC., *Prodr.* 5: 385. 1836 [pro syn. *Conyza ageratoides* DC.]

Baccharis alamanii DC. ["alamani"], *Prodr.* 5: 402. 1836. Type: Mexico; "in Mexico legit cl. L. Alaman"; Mexico, 1831, Alaman s.n. (G-DC!: holotype)
= *Baccharis salicifolia* (Ruiz & Pav.) Pers. *subsp. salicifolia*

3. *Baccharis alamosana* S. F. Blake, *Contr. U. S. Natl. Herb.* 22(8): 595. 1924. Type: Mexico; "Sierra de los Álamos, Sonora, Mexico, March 25 to April 8, 1890, by Edward Palmer (no. 291)" (US-42951!, holotype)

Ic.: Matuda 1957: Fig. 42-43; Malagarriga 1977: dessin 258 (leaf)

Mexico

Baccharis subgen. *Pteronioides* Heering

Baccharis alata Hort. ex Steud., *Nomencl. bot., ed. 2, 1:* 176. 1840 [pro syn. *Baccharis genistelloides* (Lam.) Pers.]

4. *Baccharis alaternoides* Kunth, H. B. K., *Nov. gen. sp.* 4: 51. 1818. Type: Peru; "in alta planitie Peruviana prope Caxamarca, alt. 1470 hex."; ♂ (P-HBK!, holotype, B-Willd-15576!; F!, fragm, GH!; P!, isotypes)

Ic.: Cuatrecasas 1967: Fig. 11 (leaf); Malagarriga 1977: dessin 166, 215 (leaves)

Peru (AM, AN, CA, LL)

Baccharis subgen. *Baccharis*

5. *Baccharis albida* Hook. & Arn., J. Bot. 3: 41. 1841. Type: "Santa Fée (in the Argentine Republic?) Tweedie"; ♂ (K!, holotype)

Ic.: Cabrera 1974: Fig. 154

Argentina (BA, ER, SF)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis alboffii F. H. Hellw., Mitt. Bot. Staatssammlung 29, 369. 1990. Type: Chile; "X. Region, de los Lagos, Cordillera Pelada, Weg von La Unión nach Hueicolla, unter Fitzroya und auf offenen anmoorigen Flächen, ca. 900 - 1000 m, 12.12.1985, Hellwig 4788"; ♀ (M, holotype, JE!, SGO, isotypes)

= *Baccharis patagonica* × *zoellneri*

6. *Baccharis albilanosa* A. S. Oliveira & Deble, Balduinia 9: 4. 2007 ["albolanosa"].

Lanugothamnus albilanosus (A. S. Oliveira & Deble) Deble, Balduinia 37: 14. 2012. Type: Brazil; "Rio Grande do Sul, Sao Francisco de Assis, RS 241, para Manoel Viana, em solo arenoso, L. P. Deble & A. S. de Oliveira 5109, II.2006"; HDCF-5642; ♀♂ (MBM, holotype, CTES, HDCF, PACA, SI!, isotypes)

Ic.: Oliveira & Deble 2006: Fig. 1

Brazil (RS)

Baccharis subgen. *Tarchonanthoides* Heering

7. *Baccharis aliena* (Spreng.) Joch. Müll., Syst. Bot. Monogr. 76: 305. 2006. *Marshallia aliena* Spreng., Syst. veg. 3: 446. 1826. *Heterothalamus brunioides* Less., Linnaea 6: 504. 1831 [nom. superfl.] *Heterothalamus alienus* (Spreng.) Kuntze, Rev. gen. 3(2): 158. 1898.

Type: Uruguay; "Monte Video. Sello"; ♂ (P!, holotype, P!, isotype)

Ic.: Arechalaveta 1907: Estampa XL; Barroso 1976: Fig. 60-62 (leaf, palea, flower)

Argentina (CO, LR, SL), Brazil (RS, SC), Uruguay

Baccharis subgen. *Molina* (Pers.) Heering

8. *Baccharis alleluia* Oliveira & Deble, Bonplandia 18: 45. 2009. Type: Brazil; "Bahia: Mucugê, Alto do Morro do Pina, estrada de Mucugê a Guiné, 25 km NO de Mucugê, ... ♀, 20-VII-1981"; *Giulietti & al. s.n.* (SPF-18425, holotype)

Ic.: Deble & Oliveira 2009: Fig. 1

Brazil (BA)

Baccharis subgen. *Baccharis*

9. *Baccharis alnifolia* Meyen & Walp., Nov. Act. Acad. Caes. Leop.-Carol. Nat. Cur. 18, Suppl. 1: 264. 1843. *Pingraea alnifolia* (Meyen & Walp.) F. H. Hellw., Candollea 48: 217. 1993. Type: Peru; "Arequipa" (GH!, fragment, isotype)

?*Baccharis tridentata* var. *integrifolia* Walp., Nova Acta Acad. Caes. Leop.-Carol. Nat. Cur., Suppl. 1, 265. 1843. *Baccharis alnifolia* var. *integrifolia* (Walp.) Walp., Repert. bot. syst. 6: 136. 1847. Type: Chile; "cum priori v.s." [= "Peruvia: in planitie circa Tacoram, alt. 14-17,000 ped."] (not seen)

Ic.: Hellwig 1989: Abb. 2-4

Chile (TA), Peru (AR, MO, TA)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis alnifolia var. *integrifolia* (Walp.) Walp., Repert. bot. syst. 6: 136. 1847.

= *Baccharis alnifolia* Meyen & Walp.?

10. *Baccharis alpestris* Gardner, Lond. J. Bot. 4, 122. 1845. Type: Brazil; "Summit of the Organ Mountains. Fl. March" (K, holotype)

Ic.: Malagarriga 1977: dessin 37 (leaf)

Brazil (RJ)

Baccharis subgen. *Baccharis*

Baccharis alpestris (Baker) Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 136. 1916 [non Gardner 1845].

≡ ***Baccharis pseudoalpestris*** Malag.

11. *Baccharis alpina* Kunth, H. B. K., Nov. Gen. Sp. 4: 48. 1818. *Baccharis caespitosa* var. *alpina* (Kunth) Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13(49): 42. 1967. Type: Ecuador. "cum praecedente" [in radicibus montis Pichincha et Antisanae, alt. 1500 hex. (Regno Quitensi)]; Antisana, *Humboldt & Bonpland* 2281, ♂ (P-HBK!, holotype, B-W-15567!, F!, fragment, P!, isotypes)

Baccharis alpina var. *serpyllifolia* Wedd., *Chloris and.* 1: 168. 1856.

Baccharis alpina var. *surculosa* Wedd., *Chloris and.* 1: 168. 1856.

Baccharis alpina f. *macrocephala* Hieron., *Bot. Jahrb. Syst.* 28: 590. 1901 [p.p.].

Baccharis alpina var. *nummularioides* Heering, *Jahrb. Hamb. Wiss. Anst.* 21, Beih. 3: 35. 1904.

Ic: Weddell 1856, Pl. 28; Cuatrecasas 1967: Fig. 6 (leaves); Cuatrecasas 1969: Fig. 62, 64; Cabrera 1978: Fig. 90; Torrico 1991: Fig. 14; Müller 2006a: Fig. 75

Argentina (CA, JU, SA), Bolivia (CH, CO, LP, OR, PO, TA), Chile (TA), Colombia (CA, CU), Ecuador (AZ, CA, CH, CO, IM, NA, PI, TU), Peru (AP, AR, CU, HV, JU, PA, PU, TA)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis alpina var. *imbricatifolia* Sch. Bip., *Bull. Soc. Bot. France* 12: 81. 1865 [nom. nud.] Original material: Bolivia; Mandon "194 bis" (P!, 2x)

= *Baccharis alpina* Kunth

Baccharis alpina f. *macrocephala* Hieron., *Bot. Jahrb. Syst.* 28: 590. 1901. *Baccharis alpina* var. *macrocarpa* (Hieron.) Cuatrec., *Anales Univ. Madrid (Ci.)* 4 (2): 210. 1935. Type: Ecuador; "in solo sterili ad radicem montis vulcanici Guagua-Pichincha, alt. s. m. 4500 m, mense Januario florens (L.[ehmann] n. 426; 4. Jan. 1881)" (B†, holotype, US!, ♀♂, lectotype, designated by Cuatrecasas 1969, G!, ♂, isotype)

= ***Baccharis alpina*** Kunth (male specimens), ***B. humifusa*** Kunth (female specimens)

Baccharis alpina var. *macrocarpa* (Hieron.) Cuatrec., *Anales Univ. Madrid (Ci.)* 4 (2): 210. 1935.

= ***Baccharis alpina*** Kunth

Baccharis alpina var. *nivalis* Wedd., *Chloris and.* 1: 231. 1857. Type: not indicated (no type material found)

= ***Baccharis alpina*** Kunth or ***B. caespitosa*** (Ruiz & Pav.) Pers. *subsp. caespitosa*

Baccharis alpina var. *nummularioides* Heering, *Jahrb. Hamb. Wiss. Anst.* 21, Beih. 3: 35. 1904. *Baccharis caespitosa* var. *nummularioides* (Heering) Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13: 219. 1969. Type: Bolivia; "Ingenieur Franz Germann n. 9, Cordillera real de los Andes. Huayna potosi. 6175 m, Franz Josef-Gletscher, 4900-5200 m"; ♂ (HBG!, holotype)

= ***Baccharis alpina*** Kunth

Baccharis alpina var. *nummuloides* Malag., *Contr. Inst. Geobiol. La Salle* 2 (1952): 23 [sphalm. for *nummularioides*]

Baccharis alpina var. *serpyllifolia* Wedd., *Chloris and.* 1: 168. 1856. Type: not indicated in the protologue [Bolivia, Chile]; Potosí, d'Orbigny 1401, ♂ (P-218371!, lectotype, designated by Müller 2006a: 202.; BR!, G!, P-218372!, W!, isolectotypes); Chulunquiani, Weddell s.n. (P!, syntype), Chuquiaguillo, Weddell s.n., ♂ (P!, 2×, syntypes); Tacora, Weddell s.n., ♀ (P!, syntype)
= ***Baccharis alpina* Kunth**

Baccharis alpina var. *surculosa* Wedd., *Chloris and.* 1: 168. 1856. *Baccharis caespitosa* var. *surculosa* (Wedd.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13: 219. 1969. Type: not indicated in the protologue [no original material found]; Bolivia, viciniis Sorata, inter Choro et Pampa de Chiliata, 3300-3600 m, Feb 1859, ♀♂, Mandon 194 (P-218069!, neotype, designated by Cuatrecasas 1969, as "lectotype", BR!, G!, 2×, GH, 2×, GOET!, MICH!, P-218070, P-218071, W, 2×)
= ***Baccharis alpina* Kunth**

Baccharis altimontana G. Heiden, Baumgratz & Esteves, *J. Bot. Res. Inst. Texas* 3: 140. 2009. Type: Brazil; "Rio de Janeiro, Teresópolis, Serra dos Orgãos, 27 Nov 1933, ♀ Brade 12510" (R, holotype)
= ***Baccharis genistelloides* (Lam.) Pers.**

Baccharis altissima Bojer ex DC., *Prodr.* 5: 320. 1836 [pro syn. for *Microglossa altissima* DC.]

12. *Baccharis amambayensis* Zardini & Soria, *Candollea* 46: 535. 1991. Type: "Paraguay. Amambay: Sierra de Amambay, III. 1908, Hassler 10285a", ♀ (G!, holotype, A!, G!, 2×, W!, isotypes)

Ic.: Soria & Zardini 1991: Fig. 1

Paraguay

Baccharis subgen. *Baccharis*

Baccharis amplexicaulis Wall. ex DC., *Prodr.* 5: 439. 1836 [pro syn. for *Blumea flava* DC.]

Baccharis amygdalina Griseb., *Abh. Königl. Ges. Wiss. Göttingen* 19: 175. 1874. Type: Argentina; "Tucuman, in pratis montanis pr. Siambon"; Mar 1872, Lorentz 213 (GOET!, holotype)

= ***Baccharis punctulata* DC.**

13. *Baccharis anabelae* (Deble). *Lanugothamnus anabelae* Deble, *Balduinia* 37: 20. 2012. Type: Brazil, Rio Grande do Sul, São José dos Ausentes, Canion Monte Negro, 1000 m, 7 Nov 2005, Deble & Oliveira 4128, ♀ (MBM, holotype, SI, isotype)

Ic.: Deble 2012: Fig. 4

Brazil (RS, SC)

Baccharis subgen. *Tarchonanthes* Heering

Baccharis anceps Sch. Bip., *Bonplandia* 4: 51. 1856. *Loricaria anceps* (Sch. Bip.) Sch. Bip. Type: "Peru von Haenke gesammelt"

= ***Loricaria ferruginea* (Ruiz & Pav.) Wedd. (Cuatrecasas 1954)**

Baccharis androgyna Brandegee, *Univ. Calif. Publ. Bot.* 6(4): 77. 1914. *Hemibaccharis androgyna* (Brandegee) S. F. Blake, *Contr. U. S. Natl. Herb.* 20: 552. 1924. Type: Mexico; "Cerro del Boqueron. [Purpus] No. 6666" (UC-172268, holotype, US!, isotype)
= ***Archibaccharis androgyna*** (Brandegee) S. F. Blake

14. *Baccharis angelica* Benoist, *Bull. Soc. Bot. France* 83: 805. 1936. Type: Ecuador; "paramos de El Ángel, 19 décembre 1931 (Benoist n° 4622)" (P!, holotype, P!, isotype)
Ecuador
Baccharis subgen. *Baccharis*

Baccharis angulata Griseb., *Abh. Königl. Ges. Wiss. Göttingen* 24: 180. 1879. Type: Argentina; "C.: S."; Sierra chica, Prov. de Córdoba, zwischen La Jarilla und San Vincente, 6 Dec 1876, ♂, Hieronymus 600 (GOET!, holotype)
= ***Baccharis darwinii*** Hook. & Arn.

Baccharis angulata var. *andina* Hieron., *Bol. Acad. Nac. Ci. Córdoba* 4: 34. 1881. Type: Argentina; "Se halla en el Cerro del Tontal: en Enero"; Saile Echegaray s. n. (CORD, holotype)
= ***Baccharis darwinii*** Hook. & Arn. (Ariza Espinar 1973, Giuliano & Ariza Espinar 1999)

Baccharis angulata var. *gracilis* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 73. 1916. Type: Chile. "Santiago: La Banda (Lillo n. 6070, 4. April 1907, ♀ in Blüte)" (HBG!, holotype)
= ***Baccharis darwinii*** Hook. & Arn.

Baccharis angulata var. *patagonica* Heering ex Hauman, *Anal. Mus. Nac. Hist. Nat. Buenos Aires* 24: 429. 1913. [pro syn. *Baccharis darwinii* Hook. & Arn.]

15. *Baccharis angusticeps* Heering ex Malme, *Kungl. Sv. Vetenskapsakad. Handl.* 12(2): 77. 1933. Type: Brazil; "Monte Alegre, circ. 1000 m s. m., 4/6 09 (n. 8203), 19/4 12 (s. n.). Hab. in fruticetis paludosis" [leg. Dusén]; Dusén 8203, ♀ (G!, syntype)
Ic.: Malme 1933: Fig. 14 (leaves, capitulum); Malagarriga 1977: dessin 296 (leaf); Oliveira & Marchiori 2006b: Fig. 1
Brazil (PR, SC)
Baccharis subgen. *Baccharis*

16. *Baccharis angustifolia* Michx., *Fl. bor. amer.* 2: 125. 1803. Type: USA, "in scirpetis maritimis, a Carolina ad Floridam" (P-MICH)
Ic.: Matuda 1957: Fig. 32-33
USA (AL, FL, GE, LO, MI, NC, SC)
Baccharis subgen. *Baccharis*

Baccharis angustifolia (Cass.) Desf., *Cat. hort. par., ed. 3*: 163. 1829 [non Michx. 1803].
Pingraea angustifolia Cass., in Cuvier, *Dict. sci. nat.* 41: 58. 1826. Type: Type: "un échantillon sec, que M. Desfontaines a eu la bonté de nous donner, en nous disant qu'il avoit été recueilli dans l'Isle-de-France, et que la même plante est vivante au jardin du roi, où on la cultive" (P, holotype)
= ***Baccharis glutinosa*** Pers.

Baccharis angustior (DC.) Britton ex Malag., *Contr. Inst. Geobiol. La Salle Canoas* 2: 29. 1952.
= ***Baccharis halimifolia*** var. *angustior* DC.

17. *Baccharis anomala* DC., Prodr. 5: 403. 1836. *Pingraea anomala* (DC.) F. H. Hellw., Candollea 48: 217. 1993. Type: Brazil; "in Brasiliae prov. Rio-Grande."; "in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 856 miss."; *Sellow 1934 = M. I. B. 356*, ♂ (P!, holotype, G-DC, isotype)

Baccharis anomala var. *paulopolitana* Malag., Contr. Inst. Geobiol. La Salle 3: 4. 1954. Ic.: Baker 1882, Tab. xxviii; Malagarriga 1954 (leaf); Cabrera 1974: Fig. 150; Barroso 1976: Fig. 1-5, 31 (hairs); Malagarriga 1977: dessin 19 (leaves)
Argentina, Brazil (MG, PR, RS, SC, SP), Paraguay, Uruguay
Baccharis subgen. *Molina* (Pers.) Heering

Baccharis anomala subsp. *andina* Heering, Mém. Soc. Neuchât. Sci. Nat. 5: 422. 1914. Type: Colombia. "Andes orientales; chemin de Honda à Bogota, près de l'auberge La Sensitiva, dép. Cundinamarca, alt. environ 1800 m; Mayor 110, fl. 9.X." [drawing at HBG!]
= *Baccharis mollis* Kunth subsp. *mollis*

Baccharis anomala f. *nigricans* Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 88. 1916. Type: Brazil, "Oaraná: Ypiranga auf Grasplätzen (Dusén n. 7080)" [not seen]
= *Baccharis anomala* DC.?

Baccharis anomala var. *paulopolitana* Malag., Contr. Inst. Geobiol. La Salle 3: 4. 1954. Type: Brazil; "1324 (VII)"; "1937 (IX)"; leg. W. Hoehne [not seen]
= *Baccharis anomala* DC. (Malagarriga 1977)

Baccharis anomala subsp. *paulopolitana* Malag. ex A. S. de Oliveira, Deble, A. A. Schneid. & Marchiori, Balduinia 9: 18. 2006 [pro syn. *Baccharis anomala* DC.]

Baccharis anomala subsp. *ramboana* Malag., Mem. Soc. Ci. Nat. La Salle 37: 132. 1977 [nom. inval., Art. 37.2]. Original material: Brazil; "Rambo 30783 et 31335 ... In Brasiliae-Rio Grande do Sul-Vila Oliva" (PACA)
= *Baccharis anomala* DC.

18. *Baccharis antioquiensis* Killip & Cuatrec., Mutisia 17: 1. 1953. Type: Colombia; "Antioquia: Llanos de Cuiba, páramo 2700 m. alt. ... Colect. 20-II-1942, R. D. Metcalf & Cuatrecasas 30158", ♂ (UC, holotype, G!, US!, isotypes)

Ic.: Cuatrecasas 1967: Fig. 13 (leaf), Fig. 14; Cuatrecasas 1969: Fig. 69, 70; Malagarriga 1977: dessin 228 (leaf)

Colombia (AN)

Baccharis oblongifolia group

Baccharis antucensis F. H. Hellw., Mitt. Bot. Staatssamml. München 29: 370. 1990. Type: Chile; "VIII. Region, del Biobio, Antuco, Cerro de Pilque, Nordwesthänge über der Waldgrenze, 10.2.1988, Hellwig 10208" (M, holotype, JE!, SGO, isotypes)

= *Baccharis neaei* × *obovata*

19. *Baccharis aphylla* (Vell.) DC., Prodr. 5: 424. 1836. *Chrysocoma aphylla* Vell., Fl. flum. 324. 1829. Type: Brazil; "campis mediterraneis ... Tab. 1a., T. 8" (illustration in Vellozo, Fl. flum. icon. 8: 131, neotype, designated [as "lectotype"] by Müller 2006a: 245)

Chrysocoma nuda Vell., Fl. flum. 335. 1829. *Baccharis nuda* (Vell.) DC., Prodr. 5: 424. 1836.

Ic: Vellozo 1831: Tab. 1, Tab. 50; Baker 1882, Tab. xviii; Malagarriga 1977: dessin 359; Müller 2006a: Fig. 96; Borges & Forzza 2008.: Fig. 2a

Bolivia (LP, SC), Brazil (BA, MG, PR, SP)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis aphylla var. *boliviensis* Sch. Bip., *Bull. Soc. Bot. France* 12: 81. 1865 [nom. nud.]. Original material: Bolivia; Mandon "207"; Sorata, Cerro de Cataguata, 3000 m, 1858-1859, ♂ (G!, 2×, GH!, NY!, 2×, P!, 3×, W!, 2×)

= *Baccharis aphylla* (Vell.) DC.

20 *Baccharis apicifolia* A. A. Schneid. & Boldrini, *J. Bot. Res. Inst. Texas* 2: 45. 2008. Type: Brazil; "Rio Grade do Sul: Municipio de São Francisco de Paula, rodovia RS 20, km 97 (29° 26' 31.1"S, 50° 32' 35.2"W), 20 Nov 2007, A. A. Schneider 1542" (holotype, ICN, K, MO, RB, isotypes)

Ic.: Schneider & Boldrini 2008: Fig. 1, 2

Brazil (RS, SC)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis apiculata Sch. Bip. ex Baker, *Mart. fl. bras.* 6(3): 73. 1882 [pro syn. *Baccharis trinervis* var. *rhexioides* (Kunth) Baker]

21. *Baccharis aracatubaensis* Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 137. 1977. Type: Brazil; "Guaratuba-Serra de Araçatuba (Paraná-Brasil) 1300 m alt. Collect. 24.5.1959 G. Hatschbach 5855", ♂ (G!, holotype)

Ic.: Barroso 1976: Fig. 93; Malagarriga 1977: dessin 102 (leaves), Oliveira & Marchiori 2006b: Fig. 2

Brazil

Baccharis subgen. *Baccharis*

Baccharis aracatubensis Malag. & Hatschb. ex G. M. Barroso, *Rodriguésia* 28(40), 168. 1976 [nom. inval., Art. 37.2]. Original material: Brazil. "Paraná, Guaratuba, Serra de Araçatuba a 1300 m s. m., na orla de matinha nebular, leg. Hatschbach 7078 e 7079) (9.6.1960)" [not seen]

= *Baccharis aracatubaensis* Malag. (Oliveira & Marchiori 2006b)

Baccharis araucana Phil., *Anales Univ. Chile* 87: 698. 1894. *Baccharis marginalis* var. *araucana* (Phil.) Heering, *Anales Univ. Chile* 111: 160. 1903. Type: Chile; "in litore ad flumen Tubul inter Arauco et Lebu inveni, postea ad Constitucion legit orn. Raphael Azocart" (HBG!, isotype)

= *Baccharis salicifolia* (Ruiz & Pav.) Pers. (Malagarriga 1977)

Baccharis arborea L., *Mant.* 284. 1771. Type: India; "in Ind. orient. insulae Johannaes sylvis. Koenig" (LINN-992/3!, holotype)

= *Vernonia colorata* (Willd.) Drake (Hellwig 1990)

Baccharis arborescens Decaisne, *Nouv. Ann. Mus. Hist. Nat.* 3: 412. 1834 (not seen) according to Steudel 1840 syn. of *B. arborea*

22. *Baccharis arbutifolia* Vahl, *Symb. Bot.* 3: 97. 1794. Type: "Peru. Dn. Schumacher" (C!, 3×, isotype)

Conyza arbutifolia Lam., *Encycl. méth.* 2: 92. 1786. *Baccharis arbutifolia* (Lam.) Kunth, H. B. K., *Nov. Gen. Sp.* 4: 54. 1818 [non Vahl 1794]

Baccharis arbutifolia var. *jamesonii* Cuatrec., *Caldasia* 10: 17. 1967.

Ic.: Cuatrecasas 1967: Fig. 16 (leaf); Malagarriga 1977; dessin 156 (leaf)

Ecuador (AZ, CA, CH, IM, MS, NA, PI, TU)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis arbutifolia (Lam.) Kunth, *H. B. K., Nov. Gen. Sp.* 4: 54. 1818 [non Vahl 1794].
Conyza arbutifolia Lam., *Encycl. méth.* 2: 92. 1786. Type: "trouvée au Pérou par M. Joseph de Jussieu", ♀ (P-Lam, holotype, P, P-Juss, isotypes)
= ***Baccharis arbutifolia*** Vahl

Baccharis arbutifolia var. *jamesonii* Cuatrec., *Caldasia* 10: 17. 1967. Type: Ecuador;
"Pichincha: from Pichincha at 13.000 feet of elevation, 1846-69, W. Jameson 766", ♂ (US!,
holotype, BM!, GH!, K!, isotypes)
= ***Baccharis arbutifolia*** Vahl

Baccharis arctioides Sch. Bip. ex Malag., *Contr. Inst. Geobiol. La Salle* 2: 23. 1952 [sphalm. for *Baccharis aretioides* Sch. Bip.]

Baccharis arctostaphyloides Baker, *Fl. bras. (Martius)* 6(3): 88. 1882. Type: Brazil. "inter Campos et Victoria: Sello n. 2302!" [not seen]
= ***Baccharis reticularia*** DC. (Barroso 1976)

Baccharis arcuata F. H. Hellw., *Mitt. Bot. Staatssamml. München* 29: 371. 1990. Type: Chile; "XI. Region, de Aisén, Hügel südlich Villa Cerro Castillo, 15.1.1986, Hellwig 7307" (M, holotype, JE!, SGO, isotypes)
= *Baccharis magellanica* × *obovata*

Baccharis arcuata subsp. *chamaearcuata* F. H. Hellw., *Mitt. Bot. Staatssamml. München* 29: 374. 1990. Type: Chile; "IX. Region, de la Araucanía, Straße von Currarehue zum Paso Mamuil Malal, Hänge südwestlich der Laguna Quillehue, 4.12.1985, Hellwig 8182" (M, holotype, JE!, SGO, isotypes)
= *Baccharis magellanica* × *obovata*

23. *Baccharis arenaria* Baker, *Fl. bras. (Martius)* 6(3): 62. 1882. Type: Uruguay; "ad ripas arenosas fluminis S. Luciae etc.: Sello! Capt. King! Gibert!"; Bois du Ponds, sables, Nov 1864; *Gibert 115*, ♀ (K!, syntype); Bords areneux du Río de Sta. Lucia (Banda oriental), 1 Nov 1867, *Gibert 115*, ♀ (K!, syntype); *King 156*, ♀♂ (K!, syntype); "Brasilia", *Sellow 2310*, ♀ (K!, syntype)
Ic.: Cabrera 1974: Fig. 159; Barroso 1976: Fig. 40 (pappus bristle); Malagarriga 1977: dessin 135
Argentina (ER), Brazil (RS), Uruguay
Baccharis juncea group

Baccharis aretioides Turcz., *Bull. Soc. Imp. Nat. Moscou* 1851(2): 68. 1851. Type: Ecuador; "In alpe Antisana alt. 14000 pedum legit cl. Jameson" (KW, holotype, K!, isotype)
= *Cuatrecasasiella isernii* (Cuatrec.) H. Rob.

Baccharis aretioides Sch. Bip., *Bonplandia* 4: 51. 1856 [non Turcz. 1851]. Type: Peru; "Agapata ad limit. niv. aet. Junio 1854: Lechler! n. 1823. ... Das Weib dieser auch an Moospolster erinnernden Pflanze besitze ich von Haenke, wahrscheinlich von derselben Localität" (K!, S-R!, W!, isolectotype)
≡ ***Mniodes aretioides*** (Wedd.) Cuatrec.

Baccharis argentina Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 142. 1916. *Baccharis flabellata* var. *argentina* (Heering) Ariza, *Bol. Acad. Nac. Ci. Córdoba* 50: 284. 1973. Type: Argentina; "Rioja: Sonagasta. Sierra Famatina (Hieronymus & Niederlein, *Fl. Arg. n. 678 - 2. März 1879*)" (not seen)

= *Baccharis vernicosa* Hook. & Arn.? (Giuliano 2000)

Baccharis arguta Juss. ex Steud., *Nomencl. bot.* 98. 1821. Type: France, Réunion. "in ins. Borbonis ... *Herb. Juss.* [see Persoon 1806: 423, also including the original description referred to by Steudel]

= *Psiadia balsamica* DC (de Candolle 1836)

Baccharis arguta Pers. ex DC. [pro syn. of *Psiadia balsamica* DC.]

24. *Baccharis arguta* Gillies ex Hook. & Arn., *J. Bot.* 3: 35. 1841. Type: Argentina. "Puente de Marquez, Buenos Ayres. Dr Gillies", ♀ (K!, holotype)

Baccharis pulchella Sch. Bip. ex Griseb., *Abh. Königl. Ges. Wiss. Göttingen* 24: 181. 1879.

Neomolina pulchella (Sch. Bip. ex Griseb.) F. H. Hellw., *Candollea* 48: 213. 1993.

Baccharis plucheiformis Kuntze, *Rev. gen.* 3(2): 134. 1898.

Baccharis subsculpta Hochr., *Mem. New York Bot. Gard.* 6(21): 292. 1910.

Baccharis laxiflora Rusby, *Bull. New York Bot. Gard.* 8: 129. 1912

Baccharis sternbergiana var. *pubescens* Perkins, *Bot. Jahrb. Syst.* 49: 225. 1913.

Baccharis pulchella var. *grisea* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 78. 1916.

Ic.: Müller 2006a: Fig. 105

Argentina (BA?, CA, CO, JU, ME, SA, TU), Bolivia (CH, CO, LP, SC), Peru (AP, AY, CU, PU)

Baccharis subgen. *Pteronioides* Heering

Baccharis arizonica Eastw., *Proc. Calif. Acad. Sci., Ser. 4* 20(5): 155. 1931. Type: USA; "collected by the author (staminate no. 15833, pistillate no. 15832), near Roosevelt Dam, Arizona, at Packard on the road to Payson" (CAS-160939, CAS-160938, syntypes)

= *Baccharis sarothroides* A. Gray (Ferris 1960)

25. *Baccharis artemisioides* Hook. & Arn., *J. Bot.* 3: 41. 1841. *Lanugothamnus artemisioides* (Hook. & Arn.) Deble, *Balduinia* 37: 14. 2012. Type: Argentina. "Between Rio de los Ehovillos and el Rio Quinto, province of San Luis. Dr Gillies (n. 185.) Salt Plains of Bahia Blanca, lat. 40°. in N. Patagonia, and in high and dry places of Cordova. Tweedie (n. 1126.)"; San Luis, between Río Chorillos and Río Quinto, *Gillies 185*, ♀ (K!, lectotype, designated by Heiden & Pirani 2012a: 45, E, isolectotype); *Tweedie 1126*, ♂ (K!, syntype); Bahia Blanca, *Tweedie s.n.*, ♀ (E, K!, syntypes)

Ic.: Cabrera 1963: Fig. 29; Cabrera 1971: Fig. 78; Cabrera 1974: Fig. 152

Argentina (BA, CA, CO, ER, SA, SF), Uruguay

Baccharis subgen. *Tarchonanthoides* Heering

26. *Baccharis articulata* (Lam.) Pers., *Syn. pl.* 2: 425. 1807. *Conyza articulata* Lam., *Encycl. méth.* 2: 94. 1786. *Molina articulata* (Lam.) Less., *Linnaea* 6: 140. 1831. *Pingraea articulata* (Lam.) F. H. Hellw., *Candollea* 48: 217. 1993. Type: Uruguay. "Monte-Video, dans le Paraguay, où M. Commerson l'a observé", ♀♂ (P-Lam!, holotype, B!, HBG!, fragment, P, 3×, isotypes)

Baccharis gaudichaudiana DC., *Prodr.* 5: 424. 1836.

Baccharis parvifolia DC., *Prodr.* 5: 424. 1836.

Ic: Brongniart 1826: Pl. 62; Baker 1882, Tab. xv; Arechalaveta 1907: Estampa XLI; Cabrera 1963: Fig. 28; Ariza 1973: Fig. 27; Cabrera 1974: Fig. 137; Malagarriga 1977: dessin 132; Cabrera 1978: Fig. 91; Diesel 1987: Fig. 1, Fig. 2; Soria 1993: lám. 1; Müller 2006a: Fig. 78; 2009: Fig. 3; Heiden & al. 2009a: Fig. 3a-f

Argentina (BA, CH, CO, CR, ER, JU, MI, SA, SF), Bolivia (CH, SC), Brazil (PR, RS, SC, SP), Paraguay, Uruguay
Baccharis subgen. *Molina* (Pers.) Heering

Baccharis articulata var. *gaudichaudiana* (DC.) Baker, *Fl. bras. (Martius)* 6(3): 38. 1882.
= ***Baccharis articulata*** (Lam.) Pers.

Baccharis articulata subsp. *gaudichaudiana* Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 141. 1977 [pro syn. *Baccharis gaudichaudiana* DC.]

Baccharis arunca Schrank ex Steud. 1821 [pro syn. *Conyza gouanii* (L.) Willd.]

Baccharis asparagoides Wedd. ex Malag., *Notulae Syst.* 15(3): 279. 1958 [nom. nud.]. Original material: Bolivia; "4180 Weddell", Ayopaya, ♂ (P!)
= ***Baccharis effusa*** Griseb.

Baccharis asperifolia Benth., *Pl. hartweg.* 86. 1841. *Conyza asperifolia* (Benth.) Hemsley, *Biol. centr.-amer., bot.* 2: 126. 1881. *Hemibaccharis asperifolia* (Benth.) S. F. Blake, *Contr. U. S. Natl. Herb.* 20: 552. 1924. Type: Guatemala. "In montibus Mixco"; Hartweg 589 (K, holotype)
≡ ***Archibaccharis asperifolia*** (Benth.) S. F. Blake

27. *Baccharis asperula* S. Schauer, *Linnaea* 19: 725. 1847. Type: "Prope Zimapan Mexici: Aschenb.[orn] n. 464" (HAL, holotype)
Mexico

Baccharis asperula Mutis, in *Hernández de Alba, Diario obs. Mutis* 2: 315. 1958 [non S. Schauer 1847] (not seen)
=?

Baccharis assuensis Kunth, *H. B. K., Nov. Gen. Sp.* 4: 67. 1818. *Haplopappus assuensis* (Kunth) S. F. Blake, *Amer. J. Bot.* 14: 109. 1927. Type: Ecuador. "in montibus frigidis Quitensium in Paramo de Assuaye; inter crucem Cadludensem et pagum Pomallgactam, alt. 1550 hex."; Azuay, Humboldt & Bonpland 3268 (P-HBK!, holotype)
≡ ***Llerasia assuensis*** (Kunth) Cuatrec.

Baccharis asteroides Colla, *Herb. pedem.* 3: 319. 1834. Type: Chile; "in pascuis Rancagua ex Berter." (US!, isotype)
= ***Symphyotrichum squamatum*** (Spreng.) G. L. Nesom

Baccharis attenuata D. Don ex Hook. & Arn., *J. Bot.* 3: 34. 1841. Type: Argentina, Uruguay. "Pampas of Buenos Ayres. Dr Gillies (n. 174.) Tweedie (n. 1125), Dr Baldwin (in Herb. Nostr.) Uruguay. Tweedie" [not seen]
= ***Baccharis spicata*** (Lam.) Baill. (Arechalaveta 1907, Heering 1916, Cabrera 1941, 1963, 1974, Ariza 1973, Barroso 1976, Malagarriga 1977, Giuliano & Ariza Espinar 1999, Giuliano 2000)

Baccharis attenuata Bojer ex DC., *Prodr.* 5: 385. 1836 [pro syn. *Conyza attenuata* DC.]

Baccharis auriculata Wall. ex DC., *Prodr.* 5: 442. 1836 [pro syn. *Conyza macrostachya* Wall. ex DC.]

28. *Baccharis auriculigera* Hieron., *Bot. Jahrb. Syst.* 36: 478. 1905. Type: Peru; "crescit prope Cutervo (J.[elski] n. 685, m. Aprili 1879)" (B†!)

Ecuador (CH, CN, LO), Peru (CA, CU, PI)
Baccharis subgen. *Molina* (Pers.) Heering

Baccharis australis, F. H. Hellw., *Mitt. Bot. Staatssamml. München* 29: 376. 1990. Type: Falkland Islands. "*Baccharis magellanica* Pers. East Falkland Island. Apr. 13, 1842. R. M'Cormack, H.M.S. Erebus Exped.", ♀ (BM, holotype)
= *Baccharis magellanica* × *zoellneri*

Baccharis australis subsp. *minutifolia* F. H. Hellw., *Mitt. Bot. Staatssamml. München* 29: 378. 1990. Type: Chile, "IX. Region: Cordillera de Nahuelbuta, Waldlichtung nahe Piedra del Aguila, ca. 1400 m, 18.11.1985, Hellwig 6998" (M, holotype, JE!, SGO, isotypes)
= *Baccharis magellanica* × *zoellneri*

Baccharis avicenniifolia DC., *Prodr.* 5: 414. 1836 ["*avicenniaefolia*"]. Type: Brazil: "in Brasiliae prov. Minarum Generalium ad Mariannam legit cl. Vauthier (pl. exs. n. 276)" (G-DC!, holotype, US!, isotype)
= *Gochnatia aviceniifolia* (DC.) Cabrera

29. *Baccharis axillaris* DC., *Prodr.* 5: 407. 1836. Type: "in Brasiliae prov. Sancti-Pauli"; in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 481 miss."; *Sellow s.n.* = M. I. B. 481, ♂ (P!, holotype, G-DC!, isotype)
Ic.: Barroso 1976: Fig. 80 (leaf); Malagarriga 1977: dessin 255; Oliveira & Marchiori 2006b: Fig. 3a-e
Brazil (MG, PR, RS, SC, SP)
Baccharis subgen. *Baccharis*

Baccharis axillaris var. *acutiloba* DC., *Prodr.* 5: 407. 1836. Type: Brazil; "in Bras. prov. Sancti-Pauli"; "sub n. 417, 418, 419"; *Sellow s.n.* = M. I. B. 419, ♂ (P!, ; *Sellow d602* = M. I. B. 967, ♀ (P!, lectotype, designated by Malagarriga 1958: 285); *Sellow s.n.* = M. I. B. 417, ♂ (G-DC!, P!, syntypes); *Sellow s.n.* = M. I. B. 418, ♀ (G-DC!, P!, syntypes)
= *Baccharis incisa* Hook. & Arn. (Baker 1882; Arechavaleta 1907; Barroso 1976; Malagarriga 1977; Oliveira & Marchiori 2006b)

Baccharis axillaris var. *dentata* DC., *Prodr.* 5: 407. 1836. *Baccharis incisa* var. *dentata* (DC.) Baker, *Fl. bras. (Martius)* 6(3): 88. 1882. Type: Brazil; "in prov. Rio-Grande"; "sub n. 956, ... sub n. 953"; *Sellow 2976* = M. I. B. 956, ♂ (P!, lectotype, designated by Malagarriga 1958: 285, GH!, isolectotype); *Sellow 3152* = M. I. B. 953, ♀ (G-DC!, P!, WU!, syntypes)
= *Baccharis incisa* Hook. & Arn. (Barroso 1976)

Baccharis axilliflora Steud. ex Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 141. 1977 [pro syn. *Baccharis dracunculifolia*]

30. *Baccharis ayacuchensis* Cuatrec., *Phytologia* 49: 69. 1981. Type: Peru; "Dep. Ayacucho, Prov. La Mar: eastern Massif of Cordillera Central opposing the Cord. Vilcabamba, between Tambo Sn. Miguel and Hacienda Luisiana; ... 3400-3600 m, ... 10 km from Tambo; ... 24 Aug 1968, T.R. Dudley 12005" (USNA, holotype, US!, isotype)
Peru
Baccharis subgen. *Molina*

Baccharis bahiensis Baker, *Fl. bras. (Martius)* 6(3): 88. 1882. Type: Brazil. "in prov. Bahia: Sello n. 554!" (K)
= *Baccharis reticularia* DC. (Barroso 1976)

Baccharis bairdii Hook. & Arn., *J. Bot.* 3: 30. 1841. Type: "Uruguay. Baird" (K)
= *Baccharis caprariifolia* DC. (Baker 1882; Arechavaleta 1907; Malagarriga 1977)

Baccharis bakeri Heering, *Jahrb. Hamb. Wiss. Anst.* 21, Beih. 3: 39. 1904. Type: Brazil; "Reineck & Czermak n. 106. Rio Grande do Sul. Belém Vélho an bebuschten Hängen", 12 Sep 1894, ♀♂ (HBG!, 2 sheets, holotype, P!, S, isotypes)
= *Baccharis patens* Baker

Baccharis baldwinii Hook. & Arn., *J. Bot.* 3: 28. 1840. Type: Argentina, Brazil. "M. prostrata. Herb. Baldw. (non R. et P.) Maldonado. Dr Baldwin. Tweedie. Shores of Lagoa and Los Moranhos, S. Brazil. Tweedie, (n. 982.) La Reducion do la puerta del Sauce, Pampas of Buenos Ayres. Dr Gillies. (n. 169.)" (K)
= *Baccharis linearifolia* (Lam.) Pers.

31. *Baccharis balnearia* Benoist, *Bull. Soc. Bot. France* 83: 806. 1936. Type: Ecuador; "Banos, 9 avril 1931 (Benoist n° 4185)", ♂ (P!, holotype)
Ic.: Malagarriga 1977: dessin 158 (leaf)
Ecuador (BO, CH, CN, CO, LO, MS)
Baccharis subgen. *Baccharis*

Baccharis balsamifera Benth., *Pl. hartweg.* 202. 1845. *Baccharis odorata* var. *balsamifera* (Benth.) Wedd., *Chlor. and.* 1: 169. 1856. Type: Ecuador. "In declivitate montis Pichincha", Hartweg 1121, ♂ (K, holotype, BM!, GH!, NY, P, 3×, W!, isotypes)
= *Baccharis buxifolia* (Lam.) Pers.

Baccharis banksiifolia Bert., *Merc. Chil.* 1829. Type: Chile, leg. Bertero.
= *Pluchea absinthoides* (Hook. & Arn.) H. Rob. (De Candolle 1836; Malagarriga 1977)

Baccharis barragensis Cuatrec., *Mutisia* 17: 2. 1953. Type: Colombia; "Dep. Valle: Cordillera Central, hoya del río Bugalagrande: Barragán, páramo de Bavayo, 3680-3600 m. alt., Colect. 16-III-1946 J. Cuatrecasas 20082", ♀ (F, holotype, P!, isotype)
= *Baccharis rupicola* Kunth

Baccharis barrosoana Mattos, *Loefgrenia* 45: 1. 1970. Type: Brazil; "Estado de Santa Catarina: Urubici, Vacas Gordas, Mundo Novo, 12-XI-1964, J. Mattos 12130" (HBR, holotype, RB, SPF, isotypes)
= *Baccharis nummularia* Heering (Barroso 1976)

32. *Baccharis beckii* Joch. Müll., *Syst. Bot. Monogr.* 76: 232. 2006. Type: Bolivia; "Potosí: Prov. Sud Chichas, Cerro Cieneguillas NE Tupiza, 3600-3700 m, 21°24'S, 65°41'W, 17 Feb 2002, ♀ and ♂, Müller 9061" (JE!, holotype, BR!, E!, G!, GH!, GOET!, HBG!, LPB!, MICH!, MO!, NY!, P!, UPS!, isotypes)
Ic.: Müller 2006a: Fig. 90
Bolivia (CH, PO, TA)
Baccharis subgen. *Molina* (Pers.) Heering

Baccharis berberidifolia Kunth, *H. B. K., Nov. Gen. Sp.* 4: 57. 1818 ["berberifolia"]. Type: Ecuador? "cum praecedente?" [in alta planitie Quitensi ad radices montis ignivomi Rucu-Pichincha, alt. 1500 hex.], ♀ (P-Humb!, holotype, B-Willd-15595!, P!, 2×, isotypes)
= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.

Baccharis berberidifolia Walp., *Linnaea* 14: 314. 1840 [non Kunth 1818]. *Baccharis walpersiana* D. Dietr., *Syn. pl.* 4: 1447. 1847. Type: Brazil; Bahia, "in Brasiliae campis prope St. Annam legit Lhotsky", Lhotsky 90, ♀ (KIEL†, holotype, BR!, 2×, isotypes)
= *Baccharis singularis* (Vell.) G. M. Barroso

Baccharis beyrichii Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 142. 1977 [pro syn. of *B. brachystachys* (Baker) Malag. & Vidal]

Baccharis bezanilleana Remy, in Gay, *Fl. chil.* 4: 98. 1849. Type: Chile; "Secria en las hendiduras de los penascos de las altas cordilleras de Talcalegue, y florece en el mes de febrero"; in fissuris editioribus talcalegue, Feb 1831, Gay 262b (P, lectotype, designated by Malagarriga 1958: 293)
= *Baccharis neaei* DC.

Baccharis bezanilleana var. *solisii* (Phil.) Reiche, *Anales Univ. Chile* 111: 172. 1903.
= *Baccharis neaei* DC.

Baccharis bicolor (Joch. Müll.) G. Heiden, *Phytotaxa* 60: 45. 2012.
= *Baccharis coridifolia* subsp. *bicolor* Joch. Müll.

33. *Baccharis bifrons* Baker, *Fl. bras. (Martius)* 6(3): 54. 1882. Type: "in Brasilia sine designatione loci: Herb. Martius", ♀ (BR!, 2×, isotypes)
Ic.: Malagarriga 1977: dessin 136 (leaves)
Brazil (RJ)
Baccharis subgen. *Molina* (Pers.) Heering

34. *Baccharis bigelovii* A. Gray, in Torr., *Bot. boundary* 84. 1859. *Neomolina bigelovii* (A. Gray) F. H. Hellw., *Candollea* 48: 212. 1993. Type: Mexico; "Mountain ravine, Santa Cruz, Sonora; Wright (1200, male). Puerto de Paysano; Bigelow (both sexes). Oak woods between Babocomori and Santa Cruz; Thurber" (GH)
Ic.: Matuda 1957: Fig. 24-25; Malagarriga 1977: dessin 259 (leaves)
Mexico (CH, DU, SO), USA (AR, NM, TX)
Baccharis subgen. *Pteronioides* Heering

Baccharis blanchetiana DC., *Prodr. Syst. Nat.* 7: 281. 1838. Type: Brazil. "in montibus Jacobinae propè Bahiam legit cl. Blanchet! (pl. exs. n. 2569)" (G-DC!, holotype, G!, isotype)
≡ *Gochnatia blanchetiana* (DC.) Cabrera

35. *Baccharis bogotensis* Kunth, H. B. K., *Nov. Gen. Sp.* 4: 61. 1818. *Neomolina bogotensis* (Kunth) F. H. Hellw., *Candollea* 48: 212. 1993. Type: Colombia. "in alta planitie Bogotensi juxta urbem Sanctae Fidei: item Suacham inter et Chipó, alt. 1370 hex.", ♀♂ (P-HBK!, holotype, P, 2×, isotypes)
Baccharis elegans Kunth, H. B. K., *Nov. gen. sp.* 4: 60. 1818. *Neomolina elegans* (Kunth) F. H. Hellw., *Candollea* 48: 212. 1993.
Ic.: Kunth 1818: Tab. 324; Matuda 1957: Fig. 38-39; Cuatrecasas 1967: Fig. 16 (leaf); Cuatrecasas 1969: Fig. 72; Malagarriga 1977: dessin 260 (leaf)
Colombia (CU, NS)
Baccharis subgen. *Pteronioides* Heering

Baccharis bogotensis var. *seemannii* Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 142. 1977 [nom. inval., Art. 32.5].
= *Archibaccharis schiedeana* (Oersted) J. D. Jackson (Jackson 1974, 1975, Nash 1976)

36. *Baccharis boliviensis* (Wedd.) Cabrera, Bol. Soc. Argent. Bot. 16: 256. 1975. *Heterothalamus boliviensis* Wedd., Chlor. and. 1: 179. 1856. *Pseudobaccharis boliviensis* (Wedd.) Cabrera, Not. Mus. La Plata 9: 249. 1944. *Psila boliviensis* (Wedd.) Cabrera, Bol. Soc. Argent. Bot. 5: 210. 1955. Type: Bolivia; "punas du département de Oruro!, et environs de La Paz! (d'Orbigny, n. 1389 et 1545; Pentland)"; *d'Orbigny 1389*, ♀♂ (P!, lectotype, designated by Müller 2006a: 218, BR!, F!, G!, P!, isolectotypes); *d'Orbigny 1545*, ♀ (P!, 2×, syntypes); *Pentland 13*, ♀ (P, syntype)

Baccharis boliviensis var. *latifolia* (R. E. Fr.) Cabrera, Bol. Soc. Argent. Bot. 16: 256. 1975. *Heterothalamus boliviensis* var. *latifolius* R. E. Fr., Nova Acta Reg. Soc. Sci. Upsal., Ser. 4, 1: 78. 1905. *Pseudobaccharis boliviensis* var. *latifolia* (R. E. Fr.) Cabrera, Not. Mus. La Plata 9: 250. 1944. *Psila boliviensis* var. *latifolia* (R. E. Fr.) Cabrera, Bol. Soc. Argent. Bot. 5: 210. 1955.

Ic: Weddell 1856, Pl. 31; Cabrera 1978: Fig. 97; Müller 2006a: Fig. 83

Argentina (CA, JU, SA), Bolivia (CO, LP, OR, PO, TA), Chile (AN, TA), Peru (AR, CU, LL, PU, TA)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis boliviensis var. *latifolia* (R. E. Fr.) Cabrera, Bol. Soc. Argent. Bot. 16: 256. 1975. *Heterothalamus boliviensis* var. *latifolius* R. E. Fr., Nova Acta Reg. Soc. Sci. Upsal., Ser. 4, 1: 78. 1905. *Pseudobaccharis boliviensis* var. *latifolia* (R. E. Fr.) Cabrera, Not. Mus. La Plata 9: 250. 1944. *Psila boliviensis* var. *latifolia* (R. E. Fr.) Cabrera, Bol. Soc. Argent. Bot. 5: 210. 1955. Type: Argentina, "Prov. Jujuy: Moreno in monte saxoso, 3500 m. s. m. (16 Nov. 1901; Fr. 784. - 26 Nov. 1901; Fr. 784 a)"; Fries 784, ♂ (S!, syntype); Fries 784a, ♂ (S!, UPS!, 2×, syntypes)

= *Baccharis boliviensis* (Wedd.) Cabrera

37. *Baccharis boyacensis* Cuatrec., Mutisia 17: 3. 1953. Type: Dep. Boyacá: Páramo de Guantiva, Alto de Canutos, vert. sur 3200-3400 m. alt., Colect. 3-VIII-1940 J. Cuatrecasas 10432" (F, holotype, COL, isotype)

Ic.: Cuatrecasas 1967: Fig. 5, Fig 6 (leaves); Cuatrecasas 1969: Fig. 61, 63; Malagarriga 1977: dessin 186 (leaf)

Colombia

Baccharis subgen. *Baccharis*

Baccharis brachachnoides Rusby, Mem. Torrey Bot. Club 6: 61. 1896 [sphalm. fot *B. brachylaenoides* DC.]

Baccharis brachylaenoides DC., Prodr. 5: 421. 1836. *Psila brachylaenoides* (DC.) Aristeg., Fl. Venezuela 10(1): 316. 1964. Type: Brazil; "in Brasiliae monte Cercovado augusto flor. legit cl. Lund"; Lund 609, ♀♂ (G-DC!, holotype)

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.

Baccharis brachylaenoides var. *ligustrina* (DC.) Maguire & Wurdack, Mem. New York Bot. Gard. 9(3): 368. 1957.

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.

Baccharis brachylaenoides var. *matthewsii* Cuatrec., Calsasia 10: 13. 1967. Type: Peru; "Dept. Amazonas: prov. Chachapoyas, collect. Matthews, 1838" (K!, holotype, K!, isotype)

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.

Baccharis brachylaenoides var. *oblanceolata* (Hieron.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 66. 1967.

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.

Baccharis brachylaenoides subsp. *occigranatensis* (Cuatrec.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 69. 1967.

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.

Baccharis brachylaenoides var. *occigranatensis* (Cuatrec.) Cuatrec., *Webbia* 24(1): 287. 1969.

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.

Baccharis brachylaenoides var. *parvifolia* Baker ex Glaz., *Mém. Soc. Bot. France* 3: 402. 1910 [nom. nud.]
Original material: Brazil; "Campos da Bocaina, au Sobrado, Sao Paulo, n°s 2615, 11111; Serra do Palmital et Ouro, Preto, Minas, n° 15088"; Glaziou 2615, ♂ (BR!, P!); Glaziou 11111, ♂ (BR!, P!); Glaziou 15088 (BR!, P!)

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.

Baccharis brachylaenoides var. *polycephala* G. M. Barroso, *Rodriguésia* 28(40): 71. 1976 ["based" on *B. polycephala* Sch. Bip., nom. nud.]

Baccharis brachylaenoides var. *rufidula* An. S. de Oliveira & Marchiori, *Balduinia* 5: 4. 2005.

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.

Baccharis brachylaenoides f. *tergopilosa* Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 69. 1967. Type: Colombia; "Cundinamarca: Sibaté, Alto de San Miguel, 2800 m., selva andina, arbusto 1 m., inflorescencia color tinto, 7-II-62, Uribe-Uribe & Jaramillo M. 3984" (COL, holotype)

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.

38. *Baccharis brachyphylla* A. Gray, *Smiths. Contr. Knowl.* 5(6): 83. 1853. *Neomolina brachyphylla* (A. Gray) F. H. Hellw., *Candollea* 48: 212. 1993. Type: USA, "Between Conde's Camp and the Chiricahui Mountains, in stony soil; Sept. [Wright] (1199.)" (G!, K!, isotypes)

Ic.: Ferris 1960: Fig. 5658

Mexico (BC, CH, SO), USA (AR, CA, NE, NM)

Baccharis subgen. *Pteronioides* Heering

Baccharis brachystachys (Baker) Malag. & Vidal, *Contr. Inst. Geobiol. La Salle* 2: 47. 1952.

= *Baccharis genistelloides* subsp. *crispa* (Spreng.) Joch. Müll.

Baccharis bracteata Hook. & Arn., *J. Bot.* 3: 35. 1841. Argentina. "Rio Grande. Tweedie" (K)
= *Baccharis dracunculifolia* DC. (Baker 1882; Arechavaleta 1907; Heering 1916; Cabrera 1974, 1978; Barroso 1976; Malagarriga 1977; Giuliano & Ariza Espinar 1999; Giuliano 2000)

Baccharis bracteolata DC., *Prodr.* 5: 418. 1836 (≡ *B. parviflora* Poir.)

Baccharis brasiliensis L., *Sp. Pl., ed. 2*, 2: 1205. 1763. Type: "Brasilia ... Tremate Marsgr. bras. 81" [not seen]

≡ *Vernonanthura brasiliensis* (L.) H. Rob.

Baccharis brasiliensis DC., *Prodr.* 5: 429. 1836 [sphalm. for *B. brasiliana* L.]

Baccharis braunii (Polakovsky) Standl., *Field Mus. Nat. Hist. Bot. Ser.* 18: 1433. 1938. *Eupatorium braunii* Polakovsky, *Linnaea* 41: 576. 1877. Type: Costa Rica; "In declivibus arenosis. Angostura. November. (No. 508 coll.)" [B†, holotype, BM, GH, GOET, isotypes]
= ***Baccharis pedunculata*** (Mill.) Cabrera

Baccharis brevifolia DC., *Prodr.* 5: 409. 1836. Type: Brazil; "in campis editis prov. Sancti-Pauli Brasiliae legit cl. Lund"; Lund 849, ♀ (G-DC!, holotype)
= ***Baccharis linearifolia*** (Lam.) Pers.

Baccharis brevifolia var. *parvifolia* Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 143. 1977 [nom. nud.]
= *Baccharis linearifolia* (Lam.) Pers.?

Baccharis brevifolia var. *tridentata* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, *Beih.* 3: 139. 1916. Type: Brazil; "Paraná: Itaperusú im Kamp (Dusén n. 7132). Sao Paulo: Villa Marianna (Usteri). Minas Geraes: Laguna Santa (Lund). Caldas, im trockenen Kamp (Mosén n. 583, 584), ebenda (Widgren n. 277) und andere Exemplare"; Widgren 277, ♀ (BR!, syntype)
= ***Baccharis linearifolia*** (Lam.) Pers.

Baccharis brevifolia var. *tucumanensis* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, *Beih.* 3: 140. 1916. Type: Argentina. "Tucuman: Dep. Tafí, Jacochulla, 1800 m ü. d. M., Wiesen, zwischen den Gräsern (Lillo n. 3777 - 15. April 1904)"; ♂ (HBG!, holotype)
= ***Baccharis linearifolia*** (Lam.) Pers.

39. *Baccharis brevipappa* (McVaugh) G. L. Nesom, *Phytologia* 84: 46. 1998. *Baccharis multiflora* var. *brevipappa* McVaugh, *Contr. Univ. Michigan Herb.* 9:363. 1972. Type: Mexico; "Jalisco: Headwaters of Rio Mascota south of El Rincón, 20-25 km SE of Talpa de Allende, elev. 1700-1900 m, 3-4 Apr 1965, McVaugh 23463" (MICH, holotype)

Mexico

Baccharis subgen. *Pteronioides* Heering

Baccharis breviseta DC., *Prodr.* 5: 402. 1836. Type: Brazil; "in Brasiliae prov. Rio-Grande."; "in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 781 miss."; Sellow s.n., M. I. B. 781 (P, holotype, G-DC!, isotype)
= ***Baccharis glutinosa*** Pers.

Baccharis breviseta var. *colombiana* (Cuatrec.) G. L. Nesom, *Phytologia* 65: 171. 1988. *Baccharidastrum argutum* var. *colombianum* Cuatrec., *Webbia* 24: 232. 1969. Type: Colombia; "Antioquia, San José de Cuerquia, alrededores de la población, 2600 m alt., 2-VII-1958, Miguel de Garganta 2159" (US, holotype)
= ***Baccharis glutinosa*** Pers.

Baccharis bryoides (Lam.) Pers., *Syn. pl.* 2: 425. 1807. *Conyza bryoides* Lam., *Encycl. Méth.* 2: 91. 1786. Type: Argentina/Chile: "M. Commerson a trouvé cette plante au Magellan; sur la côte des Patagons"
≡ ***Nardophyllum bryoides*** (Lam.) Cabrera

40. *Baccharis buchtienii* H. Rob., *Phytologia* 65: 38. 1988. Type: Bolivia; "La Paz: Unduavi. Nordyungas. 3250 m. Oct. 1931. Male plant. Buchtien 9082"; ♂ (US!, holotype [NY, ♀♂, isotype is *B. pentlandii* DC. subsp. *pentlandii*])

Ic.: Robinson 1988: 44, 46; Müller 2006a: Fig. 7

Bolivia (CO, LP, SC), Peru (CU)

Baccharis subgen. *Baccharis*

41. *Baccharis buddlejoides* Kunth, H. B. K., *Nov. Gen. Sp.* 4: 64. 1818. Type: "in Peruvia?"; Humboldt & Bonpland s.n., ♂ (P-HBK!, holotype, B-Willd-15569!, P!, isotypes)

Baccharis sodiroi Hieron., *Bot. Jahrb. Syst.* 29: 25. 1900.

Ic.: Cuatrecasas 1969: Fig. 69; Malagarriga 1977: dessin 162 (leaf)

Colombia (VA), Ecuador (IM, NA, PA, PI, TU, ZC)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis bupleuroides Gardner, *London J. Bot.* 7: 86. 1848. Type: Brazil. "4915". "In marshy bushy places, Diamond District. July, 1840"; ♂ (K, holotype, G!, 2×, P!, 2×, US!, W!, isotypes)

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.?

42. *Baccharis burchellii* Baker, *Fl. bras. (Martius)* 6(3): 44. 1882. Type: Brazil. "in prov. S. Paulo ad marginem silvulae prope Morumbi: Burchell n. 4471!"; ♂ (K, holotype, P!, isotype)

Baccharis regnellii var. *subalata* Heering, in Usteri, *Fl. Stadt S. Paulo*: 258. 1911.

Brazil

Baccharis subgen. *Molina* (Pers.) Heering

43. *Baccharis buxifolia* (Lam.) DC., *Syn. pl.* 2: 424. 1807. *Conyza buxifolia* Lam., *Encycl. méth.* 2: 92. 1786. Type: "observé au Pérou par M. Joseph de Jussieu"; ♀ (P-Lam!, holotype, C!, 2×, P!, 2×, P-Juss!, isotypes)

Baccharis polygalifolia Kunth, H. B. K., *Nov. gen. sp.* 4: 49. 1818 ["*polygalaefolia*"].

Baccharis balsamifera Benth., *Pl. hartweg.* 202. 1845. *Baccharis odorata* var. *balsamifera* (Benth.) Wedd., *Chlor. and.* 1: 169. 1856.

Baccharis variifolia Hieron., *Bot. Jahrb. Syst.* 28: 591. 1901. *Baccharis tricuneata* var. *variifolia* (Hieron.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13: 214. 1969.

?*Baccharis prostrata* var. *lineata* Cuatrec., *Anales Univ. Madrid (Ci.)* 4(2): 212. 1935.

Baccharis tricuneata var. *lineata* (Cuatrec.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(50): 214. 1969.

?*Baccharis tricuneata* f. *callaensis* Cuatrec., *Proc. Biol. Soc. Wash.* 77: 140. 1964. *Baccharis tricuneata* var. *callaensis* (Cuatrec.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(50): 218. 1969.

?*Baccharis tricuneata* var. *robusta* Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(50): 215. 1969.

Baccharis peruviana Cuatrec., *Caldasia* 10(46): 23. 1967.

Ic.: Cuatrecasas 1969, Fig. 64; Malagarriga 1977: dessin 159 (leaves), dessin 301 (leaves), dessin 328 (leaves)

Colombia (NA), Ecuador (AZ, CA, CH, CN, CO, IM, LO, NA, PI, TU), Peru (AP, CA, CU, JU, LI, SM)

Baccharis subgen. *Baccharis*

44. *Baccharis cabreræ* Ariza, *Kurtziana* 7: 187. 1973. Type: Argentina; "Prov. Salta: Dpto. Cafayate: Cuesta del Alisal, Cerro del Cajón, Rodríguez 1276, 8-I-1914" (SI!, holotype, LIL, LP, SI!, isotypes)

Ic.: Ariza Espinar 1973b
Argentina (CA?, SA, TU)
Baccharis subgen. *Molina* (Pers.) Heering

Baccharis cacalioides Spreng., *Nachtr. Bot. Gart. Halle 14*. 1801. Type: Botanical Garden Halle (not seen)
= ?

45. *Baccharis caespitosa* (Ruiz & Pav.) Pers., *Syn. pl.* 2: 425. 1807. *Molina caespitosa* Ruiz & Pav., *Syst. veg.* 203. 1798. Type: Peru; "in Peruviae alpibus, Punas de Bombom dictis in Tarmae Provincia"; Punas de Bombom, *Ruiz & Pavón s.n.*, ♀♂ (MA!, lectotype, designated by Müller 2006a: 83, B!, 2×, G!, 4×, MA!, P!, isotypes)
Baccharis stuebelii Hieron., *Bot. Jahrb. Syst.* 21: 341. 1895.
Baccharis subgen. *Baccharis*

Baccharis caespitosa (Ruiz & Pav.) Pers. **subsp. caespitosa**
Baccharis odorata var. *spathulata* Wedd., *Chlor. and.* 1: 169. 1856. *Baccharis incarum* f. *spathulata* (Wedd.) Cuatrec., *Caldasia* 10: 8. 1967.
Baccharis incarum f. *prostrata* Cuatrec., *Caldasia* 10: 8. 1967
Baccharis tricuneata var. *minifolia* Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(50): 217. 1969.
Ic.: Torrico 1991: Fig. 15; Müller 2006a: Fig. 24
Bolivia (CO, LP, PO, TA), Peru (AR, CU, HU, HV, JU, LI, PA, PU)

Baccharis caespitosa var. *alpina* (Kunth) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 42. 1967.
≡ ***Baccharis alpina*** Kunth

Baccharis caespitosa var. *nummularioides* (Heering) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13: 219. 1969.
= ***Baccharis alpina*** Kunth

***Baccharis caespitosa* subsp. procumbens** (Hieron.) Joch. Müll., *Syst. Bot. Monogr.* 76: 305. 2006. *Baccharis procumbens* Hieron., *Bot. Jahrb. Syst.* 36: 479. 1905. Type: Peru; "crescit inter Chota et Cutervo, m. Junio florens (J[elski]. n. 757 specimen femineum et n. 758 specimen masculum [seu hermaphroditum sterile], m. Junio 1879"; Jelski 758, ♂ (B!, lectotype, designated by Müller 2006a: 306); Jelski 757, ♀ (B!, syntype)
Ic.: Malagarriga 1977: dessin 210 (leaf)
Peru (CA, LL)

Baccharis caespitosa var. *surculosa* (Wedd.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13: 219. 1969.
= ***Baccharis alpina*** Kunth

Baccharis calaminthifolia Malag. *Mem. Soc. Ci. Nat. La Salle* 37: 143. 1977 [pro syn. *Eupatorium calaminthifolium* Kunth)

46. *Baccharis caldasiana* Cuatrec., *Mutisia* 17: 3. 1953. Type: Colombia; "Dep. Caldas: vert. sudoeste del Nevado del Ruiz, páramos en El Aprisco 3500-3600 m. alt. ... Colect. 5-V-1940 J. Cuatrecasas 9320"; ♀ (US!, holotype)
Ic.: Cuatrecasas 1967: Fig. 14, Fig. 16 (leaf); Cuatrecasas 1969: Fig. 70, 72; Malagarriga 1977: dessin 285 (leaves)

Colombia

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis callistemoides Meyen & Walp., *Nov. Act. Acad. Caes. Leop.-Carol. Nat. Cur.* 18, *Suppl.* 1: 265. 1843. *Baccharis rosmarinifolia* var. *callistemoides* (Meyen & Walp.) Heering, *Anales Univ. Chile* 111: 173. 1903. Type: Chile; "Rio Maipú, alt. 4-5000 pedum"; ♀ (GH!, fragment, isotype)

= *Baccharis linearis* (Ruiz & Pav.) Pers.

47. *Baccharis calvescens* DC., *Prodr.* 5: 413. 1836. Type: Brazil; "in Brasiliae prov. Minas-Geraes ad Mariannam legit cl. Vauthier (pl. exs. n. 332) et circa Bahiam cl. Blanchet (n. 1972 et 1973!)" ; Blanchet 1972, ♀ (G!, 2×, G-DC!, P!, WU-Keck!, syntypes); Blanchet 1973, ♂ (G!, G-DC!, syntype); Vauthier 332, ♀ (G!, P!, 2×, syntypes)

Baccharis oleifolia Gardner, *London J. Bot.* 7: 86. 1848.

Baccharis calvescens var. *villosa* Baker, *Fl. bras. (Martius)* 6(3): 54. 1882.

Baccharis calvescens f. *ferruginea* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, *Beih.* 3: 146. 1916.

Baccharis calvescens f. *glutinosa* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, *Beih.* 3: 146. 1916.

Baccharis calvescens f. *rufidula* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, *Beih.* 3: 146. 1916.

Ic.: Malagarriga 1954 (leaf); Barroso 1976: Fig. 9 (hairs); Malagarriga 1977: dessin 252 (leaf)
Brazil (BA, ES, MG, PE, PR, RJ, RS, SC, SP)

Baccharis subgen. *Baccharis*

Baccharis calvescens f. *ferruginea* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, *Beih.* 3: 146. 1916.
Type: Brazil; "Ohne nähere Angabe: Glaziou n. 11085, ♂ (als *B. tomentosa* Schulz-Bip.)" (HBG!, fragment, holotype)

= *Baccharis calvescens* DC.

Baccharis calvescens f. *glutinosa* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, *Beih.* 3: 146. 1916.
Type: Brazil; "Ohne nähere Angabe: Glaziou n. 11084, ♂ (als *B. disticha* Schulz-Bip.)" (HBG!, fragment, holotype)

= *Baccharis calvescens* DC.

Baccharis calvescens f. *rufidula* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, *Beih.* 3: 146. 1916.
Type: Brazil; "Ohne nähere Angaben: Glaziou - ♀ (in Blüte)" (HBG!, fragment, holotype)

= *Baccharis calvescens* DC.

Baccharis calvescens var. *villosa* Baker, *Fl. bras. (Martius)* 6(3): 54. 1882. Type: Brazil. "in prov. Minas Geraes ad Caldas; Regnell III n. 749"; ♀ (BR!, 2×, HBG!, fragm, isotypes)

= *Baccharis calvescens* DC.

Baccharis camporum DC., *Prodr.* 5: 399. 1836. Type: Brazil. "in campis editis prov. Sancti-Pauli Brasiliae legit cl. Lund"; Lund 850, ♀ (G-DC!, holotype, P!, isotype)

= *Baccharis sessiliflora* Vahl

Baccharis camporum var. *glaucescens* Chodat & Hassl., *Bull. Herb. Boissier, Sér.* 2, 3: 716. 1903. *Baccharis camporum* f. *glaucescens* (Chodat & Hassl.) Heering, *Jahrb. Hamb. Wiss. Anst.* 31, *Beih.* 3: 133. 1916. *Baccharis glaucescens* (Chodat & Hassl.) Soria & Zardini, *Candollea* 46: 539. 1991. Type: Paraguay; "in campis in regione cursus superioris fluminis Apa, Dec., n. 8306"; ♀♂ (G!, lectotype, designated by Soria & Zardini 1991: 539, G!, 3×, P!, isotypes)

= *Baccharis sessiliflora* Vahl

Baccharis camporum var. *integrifolia* Baker, *Fl. bras. (Martius)* 6(3): 80. 1882. *Baccharis camporum* f. *integrifolia* (Baker) Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3, 133: 1916. Type: Brazil. "in Minas Geraes in campis prope S. João d'el Rey: Martius!; ad Lagoa Santa: Warming! Riedel n. 770!"; Riedel 770 (P!, lectotype, designated by Malagarriga 1958: 280)
= *Baccharis sessiliflora* Vahl

Baccharis camporum f. *parvifolia* Heering, *Jahrb. Hamb. Wiss. Anst.* 31(3), 133: 1916. Type: Brazil; [Glaziou] "12836"; São Paulo: "Ipiranga, Lapa (Usteri)"; Glaziou 12836, ♂ (P, lectotype, designated by Malagarriga 1958: 280, HBG!, fragment, isolectotype)
= *Baccharis sessiliflora* Vahl

48. *Baccharis campos-portoana* Malag., *Mem. Soc. Ci. Nat. La Salle* 37:138. 1977. Type: Brazil; "Typus in Herbario Horti Fluminensis No. 32048. Leg. Campos Porto 20.2.1937. No. 3137. Campos do Jordan (Sao Paulo-Brasil)" (not seen)
Brazil (SP)

49. *Baccharis cana* Joch. Müll., *Syst. Bot. Monogr.* 76: 151. 2006. Type: Bolivia; "Chuquisaca: Prov. Tomina, El Rosal, Padilla-Monteagudo, 2200 m, 24 Aug 1997, ♀, Wood 12601" (LPB!, holotype)
Ic.: Müller 2006a: Fig. 54
Bolivia (CH)
Baccharis subgen. *Molina* (Pers.) Heering

Baccharis candida (L.) Desf., *Tabl. École Bot.* 97. 1804. *Conyza candida* L., *Sp. pl.* 2: 862. 1753
= *Inula candida* (L.) Cass.

Baccharis candolleana Steud., *Nomencl. bot., ed. 2* 1, 177. 1840.
= *Nothobaccharis candolleana* (Steud.) King & H. Rob.

Baccharis canescens Spreng., *Syst. veg.* 3: 466. 1826. Type: Uruguay. "Monte Video. Sello" (P, holotype)
= *Conyza* sp.?

50. *Baccharis capitalensis* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 91. 1916. Type: Argentina, Bolivia; "Argentinien. Tucuman: Dep. Capital, Saladillo, 600 m ü. d. M. in matorrales (Lillo n. 7173 - 10. Nov. 1907). Bolivien. Padcaya, steiniger Hang, 2000 m ü. d. M. (K. Fiebrig n. 2872); Chiquiacá (K. Fiebrig n. 3493)"; Lillo 7173, ♂ (HBG!, lectotype, designated by Müller 2006a: 145, G!, GH!, isolectotypes)
Ic.: Cabrera 1978: Fig. 105; Müller 2006a: Fig. 51
Argentina (SA, TU), Bolivia (SC, TA)
Baccharis subgen. *Molina* (Pers.) Heering

Baccharis capitata Kunth, *H. B. K., Nov. gen. sp.* 4: 53. 1818. Type: "cum praecedente?" [in *America meridionali*]; ♀; (P-HBK!, holotype, P!, 2×, isotypes)
= *Baccharis teindalensis* Kunth

Baccharis capitata var. *entera* Cuatrec., *Anales Univ. Madrid (Ci.)* 4(2): 210. 1935. Type: Ecuador; Isen "(núm. 330)" (MA, holotype)
= *Baccharis teindalensis* Kunth?

Baccharis capitoides Cuatrec., *Trab. Mus. Ci. Nat. Jard. Bot. Madrid* 29: 28. 1935. Type: Colombia; "Cordillera Centralis Colombiae; in "paramo" montis Tolima, 4.000 m. alt., 15-V-32 legi (n.o 2912)"

= *Baccharis rupicola* Kunth (Malagarriga 1952; Cuatrecasas 1967, 1969)

51. *Baccharis caprariifolia* DC., *Prodr.* 5: 416. 1836. Type: Brazil; "in Brasiliae prov. Rio-Grande (h. Mus. imp. Bras. n. 966 et 968)"; Sellow d488 = *M. I. B.* 966 (P!, lectotype, designated by Malagarriga 1958: 280, G-DC!, isolectotype); Sellow s.n. = *M. I. B.* 968, ♀ (F!, fragment, G-DC!, syntypes)

Baccharis bairdii Hook. & Arn., *J. Bot.* 3: 30. 1841.

Baccharis recurvata Gardner, *London J. Bot.* 7: 86. 1848.

Baccharis grisea Baker, *Fl. bras. (Martius)* 6(3): 65. 1882.

Baccharis recurvata var. *integrifolia* Chodat, *Bull. Herb. Boissier, Sér. 2, 2:* 385. 1902.

Ic.: Cabrera 1974: Fig. 143; Malagarriga 1977: dessin 302 (leaves), dessin 303 (leaves)

Argentina (MI), Brazil (MG, PR, RJ, RS, SC, SP), Paraguay, Uruguay

Baccharis subgen. *Baccharis*

Baccharis caprariifolia subsp. *recurvata* Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 144. 1977 [nom. inval., Art. 32.5]

= *Baccharis caprariifolia* DC.

Baccharis caramavidensis F. H. Hellw., *Mitt. Bot. Staatssamml. München* 29: 379. 1990. Type: Chile; "VIII. Region: Tal des Río Caramávida, Weg nach San Alfonso, ca. 800 m, Gebüsche am Wegrand, 3.11.1985, Hellwig 8169" (M, holotype, JE!, isotype)

= *Baccharis obovata* × *zoellneri*

Baccharis caramavidensis subsp. *maior* F. H. Hellw., *Mitt. Bot. Staatssamml. München* 29: 382. 1990. Type: Chile; "R. A. Philippi, *Pl. chilens. Ed. R. F. Hohenacker, 630a, Baccharis prostrata* Pers. C. H. Schultz B. in *pl. Lechler. - Griseb., Corral cum Fitzroya, 1859*"; ♀ (G-DC, holotype)

= *Baccharis obovata* × *zoellneri*

Baccharis cassinifolia DC., *Prodr.* 5: 412. 1836. Type: Brazil; "in Brasilia circa Rio-Janeiro (Lund!), Bahia (Blanch.)"; *Jacobina, 1834, Blanchet 1601*, ♀ (P!, lectotype, designated by Malagarriga 1958: 280, G-DC!, isolectotype); 1834, *Blanchet 1591*, ♀♂ (G!, G-DC!, P!, 2×, W!, syntypes); 1834, *Lund 128*, ♀♂ (G-DC!, syntype)

= *Baccharis singularis* (Vell.) G. M. Barroso

Baccharis cassinifolia var. *riedelii* Baker ex Glaz., *Mém. Soc. Bot. France* 3: 403. 1910 [nom. nud.] Original material: Brazil; "Floresta da Tijuca, Serra do Tingua, Rio-Jan., n°s 531, 8776, 8777, 8778"; Glaziou 531, ♂ (BR, 2×); Glaziou 8776, ♀ (BR!, G!, S!)

= *Baccharis malmei* Joch. Müll. (8776) and *B. singularis* (Vell.) G. M. Barroso (531)

Baccharis cassinoides DC., *Prodr.* 5: 412. 1836. Type: Brazil; "in Brasiliae prov. Sancti-Pauli. ... (v. s. ... in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 477 miss.)"; Sellow s.n. = *M. I. B.* 477, ♀ (P!, holotype, G-DC!, fragment, isotype)

= *Baccharis singularis* (Vell.) G. M. Barroso

Baccharis cataphracta Spreng., *Syst. veg.* 3: 462. 1826. Type: "Peru. Humb." (GH!, fragment)

= *Loricaria ferruginea* (Ruiz & Pav.) Wedd. (*Schultz Bipontinus 1856, Weddell 1856*)

Baccharis catharinensis Sch. Bip. ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 144. 1977 [nom. nud.] Original material: "St. Catherine, d'Urville" [obviously mislabelled, should be from Chile], ♂ (P!)
= ***Baccharis linearis*** Ruiz & Pav.

Baccharis cephalotes DC., Prodr. 5: 421. 1836. Type: Brazil; "in Brasiliae prov. Sancti-Pauli. ... (v. s. in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 476 miss"; Sellow s.n. = M. I. B. 476, ♂ (P!, holotype, G-DC!, fragment, isotype)
= ***Baccharis sessiliflora*** Vahl

52. *Baccharis chachapoyasensis* Cuatrec., Proc. Biol. Soc. Washington 77: 138. 1964. Type: Peru; "Dept. Amazonas, Prov. Chachapoyas: Rocky slopes of Cano Santa Lucía just E of Chachapoyas, 2000-2400 m alt.: shrub 0.7-2 m, male, flowers white; frequent; 28 May 1962, J. J. Wurdack 597"; ♂ (US!, holotype, K!, P!, isotypes)
Peru (AM, CA)
Baccharis subgen. *Baccharis*

Baccharis chilcaura Hieron., Bot. Jahrb. Syst. 36: 477. 1905. Type: Peru; "crescit prope Tambillo (J[elski]. n. 740, 16. m. Aug. 1878 et n. 771, 4. m. Aug. 1878)" (lost?)
= ***Baccharis trinervis*** Pers.

Baccharis chilco Kunth, H. B. K., Nov. gen. sp. 4: 56. 1818.
= ***Baccharis linearifolia* subsp. *chilco*** (Kunth) Joch. Müll.

Baccharis chilensis Weinm., Syll. pl. nov. 2: 27. 1828. Type: "In regno chilensi", not seen
= ***Podanthus ovalifolius*** Lag. (Reiche 1905; Malagarriga 1977)

Baccharis chillanensis F. H. Hellw., Mitt. Bot. Staatssamml. München 29: 384. 1990. Type: Chile; "VIII. Region, del Biobio, Termas de Chillán, an der Waldgrenze, ca. 2000 m, 12.3.1985, F. Hellwig 1892" (M, holotype, JE!, isotype)
= ***Baccharis magellanica* × *poepigiana***

Baccharis chillanensis subsp. *procumbens* F. H. Hellw., Mitt. Bot. Staatssamml. München 29: 388. 1990. Type: Chile; "Plantas de Chile, 1981/82, VII. Región del Maule, Provincia de Talca, Straße zur Laguna del Maule, etwa 1 km westl. der obersten Polizeistation, 2140 m, Fundort Nr. 125, 26.1.1982, Bayer 612" (M, holotype)
= ***Baccharis magellanica* × *poepigiana***

Baccharis chiloensis Sch. Bip. ex Lechl., Berber. amer. austr. 53. 1854 [nom. nud.] Original material: Chile; Lechler "232"
= ***Baccharis elaeoides*** Remy

Baccharis chiloensis Sch. Bip., Bonplandia 4: 55. 1856 [nom. nud.] Original material: Chile; Lechler "232a" (not seen)
= ***Baccharis elaeoides*** Remy (Hellwig 1990)

Baccharis chiloensis var. *subsINUATA* Sch. Bip., Bonplandia 4: 55. 1856 [nom. nud.] Original material: Chile; Lechler "232b" (not seen)
= ***Baccharis elaeoides*** Remy (Hellwig 1990)

Baccharis chilquilla DC., Prodr. 5: 419. 1836. Type: Chile; "in dumetis et sylvaticis secus flumina ad Quillota Chilensium octob. flor. legit cl. Bertero"; Bertero 830, ♀ (G-DC!, holotype, GH!, 2×, M!, P!, 3×, W!, isotypes)

= *Baccharis salicifolia* (Ruiz & Pav.) Pers.

Baccharis chinensis Lour., *Fl. cochinch.* 1: 494. 1790. Type: China; "inculta prope Cantonem Sinarum" (not seen)

= *Blumea chinensis* (L.) DC. (Malagarriga 1977)

Baccharis chinensis (L.) Desf., *Tabl. École Bot.* 97. 1804 [non Lour. 1790]. *Conyza chinensis* L., *Sp. pl.* 2: 862. 1753.

= *Blumea chinensis* (L.) DC.

53. *Baccharis chionolaenoides* D. B. Falkenb. & Deble, *Darwiniana* 48: 64. 2010. *Lanugothamnus chionolaenoides* (D. B. Falkenb. & Deble) Deble, *Balduinia* 37: 16. 2012. Type: Type: Brazil; "Santa Catarina, Urubici: extremo sul do topo do Morro da Igreja, 06-XII-1996" *Falkenberg 8961*, ♀ (FLOR, holotype, CTES, SI, MBM, UEC, isotypes).

Baccharis subgen. *Tarchonanthoides*

Baccharis chubutensis Speg., *Rev. Fac. Agron. Veter. La Plata* 3: 611. 1897. Type: Argentina; "Non communis in pratis uliginosis montanis secus Carrenleofú" (not seen)

= *Baccharis sagittalis* (Less.) DC. (Cabrera 1971; Malagarriga 1977; Giuliano & Ariza Espinar 1999; Giuliano 2000)

54. *Baccharis ciliata* Gardner, *Lond. J. Bot.* 4: 122. Type: Brazil; "Bare rocky places, on the very summit of the Organ Mountains. Fl. March"; *Gardner 5783*, ♀ (G!, W!, isotypes)

Ic.: Malagarriga 1977: dessin 120 (leaf)

Brazil (RJ)

Baccharis oblongifolia group

55. *Baccharis cinerea* DC., *Prodr.* 5: 400. 1836. *Baccharis trinervis* var. *cinerea* (DC.) Baker, *Fl. bras. (Martius)* 6(3): 73. 1882. Type: Brazil; "in Brasilia circa Bahiam leger. cl. Salzmann et Blanchet"; Moritiba, *Blanchet 3487*, ♀♂ (P!, lectotype, designated by Malagarriga 1958: 280, BR!, G!, isolectotypes); 1831, *Blanchet 77*, ♀ (G-DC!, syntype); 1834, *Blanchet 1564*, ♂ (G-DC!, syntype); Bahia, in collibus, *Salzmann s.n.*, ♀♂ (G-DC!, 2×, GH!, P!)

Ic.: Malagarriga 1977: dessin 4 (leaf)

Brazil (BA, CE, ES, MG, PB, PE, RJ)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis cinnamomifolia Kunth, *H. B. K., Nov. gen. sp.* 4: 65. 1818. *Psila cinnamomifolia* (Kunth) Aristeg., *Fl. Venez. Comp.* 1: 315. 1964. Type: Ecuador? "cum praecedente?" [in convallibus Regni Quitensis prope Guamote et rio Chambo, alt. 1300-1600 hex.]; ♀♂ (P-HBK!, holotype, B-Willd-15570!, P!, 3×, isotypes)

= *Baccharis pedunculata* (Mill.) Cabrera

56. *Baccharis clausenii* Baker, *Fl. bras. (Martius)* 6(3): 99. 1882. Type: Brazil; "Habitat in prov. Minas Geraes, in campis ad Cachoeira do Campo: Clausen n. 511a!; in Serra de Caraca: Mart. Herb. Fl. Bras. n. 764!; praeterea: Riedel"; *Martius Herb. Fl. Bras.* 764, ♂ (P, lectotype, designated by Malagarriga 1958: 287, G!, HBG!, fragment, JE!, M!, 3×, W!, isolectotypes); *Clausen 511a* (BR!, M!, syntypes); Itacolumi, Aug 1824, *Riedel 402*, ♂ (P!, 2×, syntypes)

Ic.: Malagarriga 1977: dessin 43 (leaf)

Brazil (MG)

Baccharis subgen. *Baccharis*

Baccharis clavellata Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 145. 1977 [pro syn. *Mikania clavellata* DC.]

57. *Baccharis cochensis* Hieron., *Bot. Jahrb. Syst.* 21: 343. 1895. Type: "Colombia; crescit in Páramo de la Cocha ([Stuebel] coll. columb. n. 373a; specimina mascula)" (B, holotype, destroyed)

Ic.: Cuatrecasas 1967: Fig. 11 (leaf); Cuatrecasas 1969: Fig. 64, 68; Malagarriga 1977: dessin 165 (leaves)

Colombia

Baccharis subgen. *Baccharis*

Baccharis cochinchinensis Spreng., *Syst. veg.* 3: 466. 1826. *Placus tomentosus* Lour., *Fl. cochinch.* 1: 497. 1790. Type: "Habitat agrestis, cultusque in Cochinchinâ"
=?

Baccharis coerulescens DC., *Prodr.* 5: 402. 1836. *Baccharis marginalis* var. *coerulescens* (DC.) Heering, *Schr. Naturwiss. Ver. Schleswig-Holstein* 13: 46. 1906. Type: Mexico; "in Mexico circa Matamoros legit cl. Berlandier (pl. exs. n. 2343)"; May & Sep 1831, Berlandier 2343, ♀♂ (G!, G-DC!, 2 sheets, US, W, syntypes)

= ***Baccharis salicifolia*** (Ruiz & Pav.) Pers. *subsp. salicifolia*

Baccharis cognata DC., *Prodr.* 5: 413. 1836. Type: Brazil; "in Brasiliae prov. Rio-Grande. ... (v. s. in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 985, 946 et 975 miss.)"; Sellow 1930 = M. I. B. 975, ♀ (P!, lectotype, designated by Malagarriga 1958: 280)

= ***Baccharis linearifolia*** (Lam.) Pers.

Baccharis collina Mart. ex Baker, *Fl. bras. (Martius)* 6(3): 75. 1882 [pro syn. *Baccharis lundii* DC.]

Baccharis complanata Sch. Bip., *Bonplandia* 4: 51. 1856. Type: Colombia; "Nov. Granat., prov. Pamplona, in summo Paramo de San Urban, alt. 13000', Dec. 1842: Linden! n. 720 und ebendasselbst 12,000', Jan. 1847: Funk et Schlimm! n. 1292" (not seen)

= ***Loricaria complanata*** (Sch. Bip.) Wedd.

Baccharis concava (Ruiz & Pav.) Pers., *Syn. pl.* 2: 424. 1807. *Molina concava* Ruiz & Pav., *Syst. veg.* 206. 1798. Type: Chile; "in silvis Conceptionis"; ♀♂ (MA!, lectotype, designated by Hellwig 1990, L!, MA!, 3×, OXF!, isotypes)

= ***Baccharis obovata* × *rhomboidalis***

Baccharis concava var. *floribunda* Heering, *Jahrb. Hamb. Wiss. Anst. 31, Beih.* 3: 124. 1916. Type: Chile. "Valparaiso (Gaudichaud n. 141). Colchagua: Banos de Cauquenes (Herb. Dessauer in Herb. München)" (not seen)

= ***Baccharis vernalis*** F. H. Hellw. (Hellwig 1990)

Baccharis concava var. *intermedia* Heering ex F. H. Hellw., *Mitt. Bot. Staatssamml. München* 29: 411. 1990 [pro syn. *Baccharis septentrionalis* F. H. Hellw.]

Baccharis concavoides F. H. Hellw., *Mitt. Bot. Staatssamml. München* 29: 392. 1990. Type: Chile, "S. José, Abhang mit Gesträuch, 80 m, 1.10.1926, Hollermayer 301" (M, holotype)

= ***Baccharis elaeoides* × *obovata* × *rhomboidalis***

58. *Baccharis concinna* G. M. Barroso, *Rodriguésia* 28(40): 162. 1976. Type: Brazil. "Minas Gerais, Serra do Cipó km 132 a 1150 m s. m., Palácio, campo em formacao de quartzito, leg. A. P. Duarte 2096 (5. 12. 1949)" (RB, holotype, JE!, isotype)

Ic.: Oliveira & Marchiori 2006b: Fig. 4 a-c

Brazil (MG)

Baccharis subgen. *Baccharis*

Baccharis condensata Rusby, *Descr. S. Amer. pl.* 148. 1920. Type: "A shrub, 6 feet, near Ingles-Ingles, 6000 feet altitude, Bolivia, August 16, 1902. (R. S. Williams, No. 1445)"; ♂ (NY!, holotype)

= *Baccharis platypoda* DC.

59. *Baccharis conferta* Kunth, H. B. K., *Nov. gen. sp.* 4: 55. 1818. Type: Mexico; "in temperatis Regni Mexicani prope Cuernavaca, alt. 860 hex."; ♀ (P-HBK!, holotype, B-Willd-15578!, P!, isotypes)

?*Baccharis philipensis* Kunth, H. B. K., *Nov. gen. sp.* 4: 55. 1818.

Baccharis vaccinioides Kunth, H. B. K., *Nov. gen. sp.* 4: 50. 1818.

Baccharis xalapensis Kunth, H. B. K., *Nov. gen. sp.* 4: 56. 1818.

Baccharis lancifolia Less., *Linnaea* 9: 266. 1834.

Baccharis congesta DC., *Prodr.* 410. 1836.

Ic.: Matuda 1957: Fig. 1-2, 5-6, Fig. 18-19; Malagarriga 1977: dessin 263 (leaf), dessin 280 (leaf)

Mexico (DF, OA, PU, TL, VE)

Baccharis subgen. *Baccharis*

Baccharis conferta Baker ex Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 145. 1977 [pro syn. *Baccharis sebastianopolitana* Baker]

Baccharis confertifolia Colla, *Herb. pedem.* 3: 319. 1834. Type: Chile; "ad ripas flum: Concoa"; Bertero 830 (P, isotype)

= *Baccharis salicifolia* (Ruiz & Pav.) Pers.

Baccharis confertifolia var. *incisa* Kuntze ex Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 145. 1977 (pro syn. *Baccharis salicifolia* (Ruiz & Pav.) Pers.)

Baccharis confertifolia var. *latifolia* Heering, *Anales Univ. Chile* 111: 159. 1903. Type: Chile; "en la provincia de Coquimbo (Ovalle)" (not seen)

= *Baccharis salicifolia* (Ruiz & Pav.) Pers.

60. *Baccharis confertoides* G. L. Nesom., *Phytologia* 68: 35. 1990. Type: Mexico; "Chiapas: Mpio. San Cristóbal Las Casas, E side of Zonthehuitz near summit, evergreen cloud forest, Drimys, Clethra, Quercus, and Cleyera, 2800 m, 19 Dec 1972, D. E. Breedlove 30436" (LL, holotype)

Ic.: Nash 1976: Fig. 32 (as *Baccharis vaccinioides* Kunth)

Guatemala, Mexico (CH)

Baccharis subgen. *Baccharis*

Baccharis congesta DC., *Prodr.* 410. 1836. Type: Mexico; "ad Mexico et Real del Monte legit cl. Haenke"; ♂ (G-DC!, holotype, P!, 2×, isotypes)

= *Baccharis conferta* Kunth

Baccharis conoclidea Sch. Bip. ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 145. 1977 [pro syn. *Baccharis medullosa* DC.]

Baccharis consanguinea DC., Prodr. 408. 1836. *Baccharis pilularis* var. *consanguinea* (DC.) Kuntze, Rev. gen. 1: 319. 1891. *Baccharis pilularis* subsp. *consanguinea* (DC.) C. B. Wolf, Occas. Pap. Rancho Santa Ana Bot. Gard. 1: 21. 1935.

Type: USA; "in California legit cl. Douglas"; 1833, Douglas 63, ♀ (G-DC!, holotype)
= ***Baccharis pilularis* DC.**

Baccharis conwayi Rusby, Bull. New York Bot. Gard. 8: 130. 1912. Type: Bolivia. "Rusby's No. 1727 from Unduavi, 8000 ft., Oct. 1885"; ♀ (NY-162221, lectotype, designated by Müller 2006a: 148, NY, 2×, US!, isotypes)

= ***Baccharis densiflora* Wedd.**

61. *Baccharis conyzoides* (Less.) DC., Prodr. Prodr. 5: 403. 1836. *Molina conyzoides* Less., Linnaea 6: 139. 1831. *Pingraea conyzoides* (Less.) F. H. Hellw., Candollea 48: 217. 1993. Type: Brazil, "Cel. de Chamisso ad fretum St. Catharinae" (not seen)

Baccharis quinquenervis DC., Prodr. 5: 399. 1836.

Ic.: Malagarriga 1954 (leaf); Malagarriga 1977: dessin 108 (leaf)

Brazil (MG, PR, RS, SC, SP)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis cordata Malag., Contr. Inst. Geobiol. Canoas 8: 37-38. 1957. Type: Brazil; "Campinas (Estado de Sao Paulo-Brasil) - Leg Joao Theisen (26.v.1944)"; (IAC-7469, holotype)

= ***Baccharis junciformis* (Less.) DC.** (Heiden 2009)

Baccharis cordobensis Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 132. 1916. Type: Argentina. "Córdoba: Ohne genauere Standortsangabe (Stuckert n. 2462 - Dez. 1896 ♂). Entrerios: Arroyito (Lorentz, Fl. Entrer. n. 1306 - Köpfchen noch nicht entwickelt (als *B. cuneifolia* DC.)); Stuckert 2462 (HBG!, lectotype, designated by Müller 2006a: 101, G!, isolectotype)

= ***Baccharis linearifolia* (Lam.) Pers.**

Baccharis coriacea Glaz., Mém. Soc. Bot. France 3: 403. 1909 [nom. nud.] Original material: Brazil; "Itatiaia, dans le campo Rangel, Minas, n°s 4844, 8771"; Glaziou 8771 (G!)

= ***Baccharis macrophylla* Dusén**

62. *Baccharis coridifolia* DC., Prodr. 5: 422. 1836. Type: Brazil; "in Brasiliae prov. Rio-Grande et fortè Sancti-Pauli. ... (v. s. in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 810, 826, 837, 855 et fortè 510 miss.)"; Rio Grande, *Sellow s.n.* = *M. I. B.* 826, ♀ (P!, lectotype, designated by Müller 2006a: 273, G-DC!, isolectotype); Rio Grande, *Sellow d616* = *M. I. B.* 810, ♀ (P!, syntype); Rio Grande, *Sellow d2067* = *M. I. B.* 855, ♀ (P!, syntype); São Paulo, *Sellow s.n.* = *M. I. B.* 510, ♀♂ (P!, syntype); Rio Grande, *Sellow s.n.* = *M. I. B.* 837 (P!, syntype)

Baccharis subgen. *Tarchonanthoides* Heering

Baccharis coridifolia* DC. subsp. *coridifolia

Eupatorium montevidense Spreng., Syst. veg. 3: 417. 1826. *Lanugothamnus montevidensis* (Spreng.) Deble, Balduinia 37: 15. 2012.

Ic.: Ariza 1973: Fig. 37; Cabrera 1974: Fig. 151; Cabrera 1978: Fig. 101; Bartels 1994: Abb. 1; Müller 2006a: Fig. 108

Argentina (BA, CA, CO, CR, ER, JU, SA, SF, TU), Bolivia (CH, SC, TA), Brazil (PR, RS, SC, SP), Paraguay, Uruguay (subsp. *coridifolia*)

Baccharis coridifolia subsp. bicolor Joch. Müll., Syst. Bot. Monogr. 76: 276. 2006. *Baccharis bicolor* (Joch. Müll.) G. Heiden, Phytotaxa 60: 45. 2012. *Lanugothamnus montevidensis* subsp. *bicolor* (Joch. Müll.) Deble, Balduinia 37: 15. 2012. Type: Bolivia; "Cochabamba: Prov. Ayopaya, Independencia-Kami, 3670 m, 29 Nov 1981, ♀ and ♂, Beck 7467" (JE!, holotype, G!, LPB!, SI!, US!, USZ!, isotypes)
Ic.: Müller 2006a: Fig. 109
Bolivia (CO, LP)

63. Baccharis coronata Giuliano, Novon 16: 490. 2006. Type: Brazil; "Santa Catarina: Mun. Bom Retiro, Campo dos Padres, 2000 m, 16 Dec. 1948, R. Reitz 2422" (LP, holotype)
Ic.: Giuliano 2006: Fig. 1
Brazil (RS, SC)
Baccharis oblongifolia group

Baccharis corydalis DC. ex Sch. Bip., Linnaea 30: 181. 1859-1860 [nom. nud.] Original material: Brazil, Regnell "II. 154", "I. 216" [not seen]
=?

64. Baccharis corymbosa (Ruiz & Pav.) Pers., Syn. pl. 2, 425. 1807. *Molina corymbosa* Ruiz & Pav., Syst. veg. 210. 1798. Type: Peru; "in Peruviae alpebus versus Pillao"; 1787, ♀♂ (MA!, lectotype, designated by Cabrera 1960: 197, B!, 2×, E!, G!, 5×, K!, MA!, 2×, P!, 3×, isotypes)
Ic.: Malagarriga 1977: dessin 307 (leaves)
Peru
Baccharis subgen. *Baccharis*

Baccharis corymbosa Meyen, Reise 1: 311. 1834 [non (Ruiz & Pav.) Pers. 1807]. Type: Chile; "Plateau von Gualtatas" (not seen)
= ***Baccharis salicifolia*** (Malagarriga 1977)

Baccharis cotinifolia (Willd.) Urb., Symb. antill. 3: 406. 1903. *Eupatorium cotinifolium* Willd., Phytogr. 11. 1794. *Pseudobaccharis cotinifolia* (Willd.) Malag., Contr. Inst. Geobiol. La Salle 2: 47. 1952. Type: "Habitat in Martinica. ... Isert" (not seen)
= ***Baccharis pedunculata*** (Mill.) Cabrera

65. Baccharis crassicuneata G. L. Nesom, Phytologia 84: 43, 45. 1998. Type: Mexico; "Coahuila: Sierra de la Madera, high crest of main ridge about 2 km E of Picacho de Zozaya, 13 Sep 1941, I.M. Johnston 9034" (LL, holotype, GH, isotype)
Mexico
Baccharis subgen. *Pteronioides* Heering

66. Baccharis crassipappa Deble & An. S. de Oliveira, Bonplandia 17: 14. 2008. Type: Brazil; "Minas Gerais: Joaquim Felício, Serra do Cabral, ... ♀, 10-IV-2004, G. Hatschbach, M. Hatschbach & O. S. Ribas 77696" (MBM, holotype)
Ic.: Oliveira & Deble 2008: Fig. 1
Brazil (MG)
Baccharis subgen. *Tarchonanthoides* Heering [according to illustration]

Baccharis crenatolycioides F. H. Hellw., *Mitt. Bot. Staatssamml. München* 29: 394. 1990. Type: Chile; "VIII. Region: An der Straße nach Diguillin, unweit Recinto 9.12.1985, Hellwig 4692" (M, holotype, JE!, isotype)
= *Baccharis lycioides* × *obovata*

Baccharis crenulata Spreng., *Syst. veg.* 3: 465. 1826. Type: "Brasil. Sello" (not seen)
= *Eupatorium polystachyum* DC. (Giuliano & Ariza Espinar 1999)

Baccharis crispa Spreng., *Syst. veg.* 3: 466. 1826.
≡ *Baccharis genistelloides* subsp. *crispa* (Spreng.) Joch. Müll.

Baccharis cuervii Phil., *Anales Univ. Chile* 87: 703. 1894. Type: Chile, "in valle fluminis Pilmaiquen provinciae Valdiviae invenit ornat. David Cuervo" (not seen)
= *Baccharis salicifolia* (Ruiz & Pav.) Pers. (Malagarriga 1977)

67. *Baccharis cultrata* Baker, *Fl. bras. (Martius)* 6(3): 93. 1882. Type: Brazil. "prope Montevideo: Sello n. 2895!"; according to Urban, *Bot. Jahrb. Syst.* 17: 196. 1893, from Rio Grande do Sul, between Porto Alegre and Encrusilhada, Sep-Oct 1825 (not seen)
Ic.: Malagarriga 1977: dessin 109 (leaf); Oliveira & Marchiori 2006b: Fig. 5
Brazil (RS, SC), Uruguay
Baccharis subgen. *Baccharis*

Baccharis cundinamarcensis Cuatrec., *Mutisia* 17: 4. 1953. *Baccharis macrantha* subsp. *cundinamarcensis* (Cuatrec.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 62. 1967. Type: Colombia; "Cundinamarca: Páramo de Zipaquirá entre Zipaquirá y Pacho 3100-3200 m. alt. ... Colect. 16-vi-1940 J. Cuatrecasas 9535-B" (F, holotype)
= *Baccharis lloensis* Hieron.?

Baccharis cuneata DC., *Prodr.* 5: 408. 1836. Type: "in Mexico"; "comm. á cl. Alaman et Mairet"; 1833, Mairet de la Champdefond s.n., ♀ (syntype); 1831, Alaman s.n. (G-DC!, P!, syntypes)
= *Baccharis heterophylla* Kunth

Baccharis cuneifolia Moench, *Meth. pl.* 574. 1794 [nom. superfl.]
≡ *Baccharis halimifolia* L.

Baccharis cuneifolia (Lam.) DC., *Prodr.* 406. 1836 [non Moench 1794]. *Conyza cuneifolia* Lam., *Encycl. méth.* 2: 91. 1786. Type: "M. Commerson a trouvé cette plante près du Montevideo, & dans le Magellan"; Magellan, ♂ (P-Lam!, holotype, G!, P!, P-Juss!, isotypes)
= *Baccharis patagonica* Hook. & Arn.

Baccharis cuneifolia Wendl. ex Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 146. 1977 [pro syn. *Baccharis wendlandii* Steud.]

Baccharis cupressiformis (Lam.) Pers., *Syn. pl.* 2: 425. 1807. *Conyza cupressiformis* Lam., *Encycl. méth.* 2: 91. 1786. Type: Argentina/Chile; "découverte dans les terres de Magellan par M. Commerson" (P!, holotype)
≡ *Lepidophyllum cupressiforme* (Lam.) Cass.

68. *Baccharis curitybensis* Heering ex Malme, *Kungl. Svenska Vetenskapsakad. Handl.* 12(2): 69. 1933. *Lanugothamnus curitybensis* (Heering ex Malme) Deble, *Balduinia* 37: 16. 2012. Type: Brazil; "Curityba 20/10 08 (n. 6906), Serrinha 14/10 09 (n. 8539). Hab. in

campo" [both leg. Dusén]; "Glaziou n. 7715 (in Serra da Bocaina civit. Sao Paulo lecta)"; *Dusén* 6906, ♀ (S, lectotype, designated by Heiden & Pirani 2012a: 47, F, G!, GH, K, LD, MO, NY, US!, isolectotypes); *Dusén* 8539, ♂ (S, syntype); *Glaziou* 7715, ♂ (S, syntype)
Ic.: Malme 1933: Tab. 5; Malagarriga 1977: dessin 68 (leaf)
Brazil (MG, PR, SC, SP)

Baccharis subgen. *Tarchonanthes* Heering

Baccharis curtifolia S. Moore, *J. Bot.* 42: 37. 1904. Type: Brazil, Mato Grosso do Sul. "Porto Murtinho; January [Robert] 880" (BM, holotype, K!, isotype)
= *Baccharis notoserigila* Griseb.

Baccharis curvifolia Gardner, *London J. Bot.* 7: 87. 1848. Type: Brazil. "4903". "Elevated rocky tracks in the Diamond District. July, 1840" (not seen)
= *Baccharis linearifolia* (Lam.) Pers.?

69. *Baccharis cutervensis* Hieron., *Bot. Jahrb. Syst.* 36: 479. 1905. Type: Peru; "prope Cutervo mense Majo florens (J[elski]. n. 690, m. Majo 1879, specimen femineum et masculum [hermaphroditum sterile]; J[elski]. n. 689, m. Febrero 1879, specimen fortasse femineum capitulis non evolutis, ...)" (not seen)

Baccharis spathulata Klatt, *Abh. Naturf. Ges. Halle* 15: 326. 1881 [non S. Schauer 1847].
Baccharis pseudospathulata Malag., *Contr. Inst. Geobiol. La Salle* 2: 46. 1952.
Peru (AM)

Baccharis oblongifolia group

Baccharis cyanosa Durand & Jackson, *Index kew., suppl.* 1: 49. 1902 [sphalm. for *Baccharis cymosa* Phil.]

Baccharis cylindrica (Less.) DC., *Prodr.* 5: 426. 1836. *Molina cylindrica* Less., *Linnaea* 6: 141. 1831. *Baccharis genistelloides* var. *cylindrica* (Less.) Baker, *Fl. bras. (Martius)* 6(3): 41. 1882. Type: not indicated in the protologue; Sellow 161 (GH!, K!, possible types); Sellow s.n., ♀♂ (G-DC!, p.p. = *Baccharis microcephala*, P!, W!)
= *Baccharis genistelloides* subsp. *crispa* (Spreng.) Joch. Müll.

70. *Baccharis cymosa* Phil., *Anales Univ. Chile* 87: 703. 1894. *Pingraea cymosa* (Phil.) F. H. Hellw., *Candollea* 48: 217. 1993. Type: Chile, "habitat in Cordillera pelada provinciae Valdivia. Frid. Philippi" (not seen)

Chile

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis czermakii Hochr., *Ann. Conserv. Jard. Bot. Genève* 3: 173. 1899. Type: Brazil; "Campos pierreux des montagnes de la Rua de Independencia près de Porto Alegre; buissons sphériques hauts de 1/2-1 m. et très visqueux; trouvé seulement ca el lá et pas fréquent, 10 Oct. 1897 ([Reineck & Czermak] n. 30)"; 30(a), ♂ (G!, holotype, JE!, isotype)
= *Baccharis psiadioides* (Less.) Joch. Müll.

Baccharis czermakii var. *corymbosa* Hochr., *Ann. Conserv. Jard. Bot. Genève* 3: 173. 1899. Type: not indicated in the protologue; 30b, ♂ (G!, holotype)
= *Baccharis psiadioides* (Less.) Joch. Müll.

Baccharis daphnoides Hook. & Arn., *J. Bot.* 3: 34. 1841. Type: "Uruguay. Baird" (K!, holotype)
= *Baccharis singularis* (Vell.) G. M. Barroso

Baccharis daphnoides subsp. *schomburgkii* (Baker) Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 137. 1977.

≡ *Baccharis schomburgkii* Baker

71. *Baccharis darwinii* Hook. & Arn., *J. Bot.* 3: 39. 1841. *Neomolina darwinii* (Hook. & Arn.) F. H. Hellw., *Candollea* 48: 212. 1993. Type: Argentina. "Port Desire, lat. 47°. C. Darwin, Esq. (n. 397)" (K!, holotype)

Baccharis angulata Griseb., *Abh. Königl. Ges. Wiss. Göttingen* 24: 180. 1879

Baccharis angulata var. *andina* Hieron., *Bol. Acad. Nac. Ci. Córdoba* 4: 34. 1881

Baccharis heterothalamoides Britton, *Bull. Torrey Bot. Club* 19: 4. 1892

Baccharis ulicina var. *subintegrifolia* Kuntze, *Rev. gen.* 3(2): 135. 1898.

Baccharis angulata var. *gracilis* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 73. 1916

Baccharis grossidentata Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 73. 1916

Ic.: Cabrera 1971: Fig. 77; Ariza 1973a: Fig. 36; Cabrera 1974: Fig. 161; Malagarriga 1977: dessin 316 (leaves); Müller 2006a: Fig. 100

Argentina (BA, CC, CR, ER, FO, LP, ME, NE, RN, SA, SC, TU), Bolivia (CO, LP, PO)

Baccharis subgen. *Pteronioides* Heering

72. *Baccharis davidsonii* Cuatrec., *Phytologia* 49: 71. 1981. Type: Peru; "Dept. Junin, route 20A trans-Andean from Linea to La Oroya km 125 E of Casapalca; cold boggy seepage and small stream in limestone and red clay; ... 14250 ft ... 11 Nov 1979, Ch Davidson a J. Jones 9000" (US!, holotype)

Peru

Baccharis juncea group

Baccharis debilis Rusby, *Mem. Torrey Bot. Club* 6: 60. 1896.

≡ *Baccharis trinervis* var. *debilis* (Rusby) Joch. Müll.

73. *Baccharis deblei* An. S. De Oliverira & Marchiori, *Balduinia* 3: 1. 2005. Type: Brazil; "Santa Catarina, Bom Jardim da Serra, Serra do Rio do Rastro, em turfeira, ... L. P. Deble, An. S. de Oliveira & Marchiori, 5. XI. 2004"; HDCF-5640; ♀♂ (MBM, holotype, HDCF, ICN, PACA, SI!, isotypes)

Ic.: Oliveira & Marchiori 2005a

Brazil (RS, SC)

Baccharis subgen. *Molina* (Pers.) Heering

74. *Baccharis decurrens* (Vell.) Stellfeld, *Trib. Farm., Bras.* 20: 90. 1952. *Cacalia decurrens* Vell., *Fl. flum.* 340. 1829. Type: Brazil; "campis apricis, fruticetisque mediterraneis transalpinis ... Tab. 72^a, T. 8"

Ic.: Vellozo 1831: Tab. 72

Brazil (RJ, RS, SC)

Baccharis subgen. *Molina* (Pers.) Heering

75. *Baccharis decussata* (Klatt) Hieron., *Bot. Jahrb. Syst.* 28: 589. 1901. *Pluchea decussata* Klatt, *Bot. Jahrb. Syst.* 8: 39. 1887. Type: Colombia; "Cundinamarca, ad margines silvarum pr. Anolamia et Fusagasuga, alt. 1800-2300 m (Lehmann n. 2496). - Febr. 1883"; ♀ (GH!, holotype, K!, US, isotypes)

Baccharis moritziana var. *subcrenatoserrata* Hieron., *Bot. Jahrb. Syst.* 29: 23. 1901.

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis decussata (Klatt) Hieron. **subsp. decussata**

Baccharis moritziana Hieron., Bot. Jahrb. Syst. 19: 50. 1894. *Baccharis decussata* f. *moritziana* (Hieron.) Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13 (49): 46. 1967.

Ic.: Cuatrecasas 1967: Fig. 9 (leaf); Cuatrecasas 1969: Fig. 66; Malagarriga 1977: dessin 181, 187 (leaves)

Colombia (CA, CU, HU, NS, VA), Ecuador (LO, MS), Peru (AM, CA), Venezuela (TR)

Baccharis decussata subsp. jelskii (Hieron.) Joch. Müll., Syst. Bot. Monogr. 76: 182. 2006.

Baccharis jelskii Hieron., Bot. Jahrb. Syst. 29: 24. 1900. Type: Ecuador, Peru "In silvis montis Corazon, alt. s. m. 2400 m (S.[odiro] n. 16/20, specimen masculum); in Peruvia crescit prope Tambillo (Jelski n. 772, 5. Aug. 1878, specimen masculum; n. 770, 5. Aug. 1878, specimen femineum)"; Jelski 770 (B!, lectotype, designated by Müller 2006a: 182, BR!, MO!, US!, isolectotypes); Jelski 772 (B!, L!, US!, syntypes)

Ic.: Cuatrecasas 1935b: Fig. 1; Cuatrecasas 1967: Fig. 9 (leaves), Fig. 14; Cuatrecasas 1969: Fig. 66;; Malagarriga 1977: dessin 183 (leaf), dessin 312; Müller 2006a: Fig. 67

Bolivia (CO, LP), Colombia (CA, HU, NA, VA), Ecuador (AZ, BO, CH, LO, NA, PA, PI, TU, ZC), Peru (AM, CA, PA)

Baccharis decussata f. *moritziana* (Hieron.) Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13 (49): 46. 1967.

= ***Baccharis decussata*** (Klatt) Hieron. **subsp. decussata**

Baccharis delicata Malag. & Hatschb. ex G. M. Barroso, *Rodriguésia* 28(40): 152. 1976 [pro syn. *Baccharis cultrata* Baker]

Baccharis delicatula Heering ex G. M. Barroso, *Rodriguésia* 28(40): 167. 1976 [pro syn. *Baccharis xiphophylla* Baker]

Baccharis deltoidea Baker, *Fl. bras. (Martius)* 6(3): 90. 1882. *Baccharis tridentata* var. *deltoidea* (Baker) Heering, *Jahrb. Hamb. Wiss. Anst.* 31, *Beih.* 3: 134. 1916. Type: Uruguay; "prope Montevideo: Sello n. 2875!" (GH!, fragment, isotype)

= ***Baccharis tridentata*** Vahl

Baccharis demissa F. H. Hellw., *Mitt. Bot. Staatssamml. München* 29: 396. 1990. Type: Chile; "XII. Region, de Magallanes, vor der Cueva del Milodón, 31.1.1986, Hellwig 7786" (M, holotype, JE!, isotype)

= ***Baccharis magellanica*** × ***mylodontis***

76. *Baccharis densa* (N. E. Br.) V. M. Badillo, *Ernstia* 16: 16. 1983. *Heterothalamus densus* N. E. Br., *Trans. Linn. Soc., Bot.* 6: 39. 1901. *Pseudobaccharis densa* (N. E. Br.) V. M. Badillo, *Bol. Soc. Venez. Ci. Nat.* 10: 306. 1946. *Psila densa* (N. E. Br.) V. M. Badillo, *Bol. Soc. Venez. Ci. Nat.* 23: 293. 1963. Type: Guayana. "Summit of Mount Roraima, 8600 ft., McConnell & Quelch, 631"; ♀♂ (K!, holotype)

Ic.: Malagarriga 1977: dessin 229 (leaves)

Guyana, Venezuela

Baccharis oblongifolia group

77. *Baccharis densiflora* Wedd., *Chlor. and.* 1: 175. 1856. Type: Bolivia; "montagnes des environs de Potosi! (Wedd.)"; *Weddell* 4090, ♀♂ (P-218142!, lectotype, designated by Müller 2006a: 148, P!, isotype)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis densiflora Malag., *Contr. Inst. Geobiol. La Salle* 2: 24. 1952 [non Wedd. 1856, sphalm. for *Baccharis densifolia* Rusby]

Baccharis densiflora* Wedd. subsp. *densiflora

Baccharis conwayi Rusby, *Bull. New York Bot. Gard.* 8: 130. 1912

Ic.: Malagarriga 1977: dessin 177 (leaf); Müller 2006a: Fig. 53

Bolivia (CH, CO, LP)

***Baccharis densiflora* subsp. *perulata* (Kuntze) Joch. Müll., *Syst. Bot. Monogr.* 76: 306. 2006. *Baccharis perulata* Kuntze, *Rev. gen.* 3(2): 133. 1898. Type: Argentina; "Jujuy" (NY!, holotype, US!, isotype)**

Ic.: Cabrera 1978: Fig. 102; Malagarriga 1977: dessin 175 (leaf)

Argentina (JU, SA, TU)

Baccharis densifolia Rusby, *Descr. S. Amer. pl.* 149. 1920. Type: Colombia; "A shrub 3 to 5 feet high in open lands, San Lorenzo Ridge, 6750 to 7300 feet. January 26. (Herbert Smith, Colombia, No. 1997.); ♂ (NY!, holotype, BR!, F!, G!, K!, MICH!, US!, isotypes)

= *Baccharis prunifolia* Kunth

78. *Baccharis dentata* (Vell.) G. M. Barroso, *Rodriguésia* 28(40): 123. 1976. *Chrysocoma dentata* Vell., *Fl. flum.* 334. 1829. Type: Brazil; "silvis maritimis Pharmacopolitanis ... Tab. 47^a. T. 8"

Chrysocoma maritima Vell., *Fl. flum.* 329. 1829.

Baccharis macrodonta DC., *Prodr.* 5: 416. 1836.

Baccharis orgyialis DC., *Prodr.* 5: 416. 1836.

Baccharis fuchsiifolia Gardner, *London J. Bot.* 7: 88. 1848. *Baccharis orgyialis* f. *fuchsiifolia* (Gardner) Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 128. 1916. *Baccharis orgyialis* var. *fuchsiifolia* (Gardner) Malag., *Contr. Inst. Geobiol. La Salle* 2: 32. 1953.

Ic.: Vellozo 1831: Tab. 47; Malagarriga 1954 (leaf); Malagarriga 1977: dessin 89 (leaf), dessin 97 (leaf)

Argentina, Brazil (ES, MG, PR, RJ, RS, SC, SP), Paraguay

Baccharis subgen. *Baccharis*

Baccharis denticulata D. Don ex DC., *Prodr.* 7: 282. 1838. Type: Argentina; "in Patagoniâ boreali ... comm. à cl. Arnott"; ♀♂ (G-DC!, holotype)

= *Baccharis linearifolia* (Lam.) Pers.

Baccharis dentifolia Mart. ex Baker, *Fl. bras. (Martius)* 6(3): 66. 1882 [pro syn. *Baccharis recurvata* Gardner]

Baccharis dentosa Mart. ex Baker, *Fl. bras. (Martius)* 6(3): 91. 1882 [pro syn. *Baccharis subopposita* DC.]

Baccharis denudata Glaz. ex Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 146. 1977 [pro syn. *Baccharis gracilis* DC.]

Baccharis depauperata Gardner, *Lond. J. Bot.* 4: 120. 1845. Type: Brazil; "Open bushy places, Organ Mountains, at an elevation of about 3000 feet. Fl. February"; 1838, Gardner 496, ♀♂ (G!, 2×, P!, 2×, US!, W!, isotypes)

= *Baccharis serrulata* (Lam.) Pers.

79. *Baccharis dependens* (Ruiz & Pav.) Pers., *Syn. pl.* 2: 424. 1807. *Molina dependens* Ruiz & Pav., *Syst. veg.* 202. 1798. Type: Peru; "in Andium nemoribus ad Cuchero Casape et Casapillo tractus" (not seen)

Peru

Baccharis subgen. *Baccharis*

80. *Baccharis dichotoma* Heiden & L. D. Meireles, *Brittonia* 62: 215. 2010. Type: Brazil; "Minas Gerais/São Paulo, Passa Quatro/Queluz, Serra Fina, Pedra da Mina, 2664–2792 m, 22°25'33.7"S, 44°50'31.8"W, 7 Jun 2007 (♂)", *Meireles 2400* (RB, holotype: BHCb, HECT, JE!, NY, UEC, isotypes:).

Brazil (MG, SP)

Baccharis subgen. *Baccharis*

81. *Baccharis dioica* Vahl, *Symb. bot.* 3: 98, t. 74. 1794. *Baccharis vahlii* DC., *Prodr.* 5: 411. 1836 [nom. superfl.] *Baccharis rohriana* Spreng., in *Ersch & Gruber, Allg. Encycl.* 7: 27. 1821 [nom. superfl.] Type: "Habitat in Montserrat"; ♀♂ (C!, holotype, L!, P-Juss!, isotypes) Ic.: Malagarriga 1977: dessin 151 (leaves); Liogier 1997: Fig. 143-7

Bahamas, Cuba, Dominican Republic, Haiti, Jamaica, Mexico, Montserrat, USA (FL), U. S. Virgin Islands

Baccharis subgen. *Baccharis*

Baccharis dioscoridis L., *Amoen. Acad.* 4: 289. 1759. Type: "Habitat in Syria, Aegypto. D. Hasselquist" (LINN-992/6, LINN-992/7, syntypes)

≡ ***Pluchea dioscoridis*** (L.) DC.

Baccharis diptera Sch. Bip. ex Baker, *Fl. bras. (Martius)* 6(3): 38. 1882 [pro syn. *Baccharis articulata* var. *gaudichaudiana* (DC.) Baker]

Baccharis discolor Baker, *Fl. bras. (Martius)* 6(3): 48. 1882. Brazil. "in prov. Minas Geraes, ad Serra de Itatiaia: Glaziou n. 4850! 5902! 6591!"; Glaziou 4850, ♀ (P, lectotype, designated by Malagarriga 1958: 281, K!, isolectotype); Glaziou 5902 (K!, syntype); Glaziou 6591, ♂ (K!, syntype)

= ***Baccharis uncinella*** DC.

Baccharis discolor Sch. Bip. ex Baker, *Fl. bras. (Martius)* 6(3): 54. 1882 [pro syn. *Baccharis lychnophora* Gardner]

Baccharis disticha Sch. Bip. ex Baker, *Fl. bras. (Martius)* 6(3): 53. 1882 [pro syn. *Baccharis calvescens* DC.]

82. *Baccharis divaricata* Hauman, *Anal. Mus. Nac. Hist. Nat. Buenos Aires* 24: 429. 1913. Type: Argentina; "Cette espèce croissait en abondance dans les dunes près de l'emboucure du Río Negro en février-mars 1912"; Carmen de Patagones, Feb 1912, *Hauman s.n.*, ♀ (SI!, type)

Ic: Hauman 1913: Fig. 19; Cabrera 1971: Fig. 68; Malagarriga 1977: dessin 250

Argentina (BA, RN)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis divergens DC., *Prodr.* 5: 400. 1836. Type: "in Mexico ex h. Haenke"; ♀ (G-DC!, holotype)

= ***Baccharis trinervis* var. *rhexioides*** (Kunth) Baker

Baccharis diversifolia Spreng. ex Walp., *Repert. bot. syst.* 2: 958. 1843 [pro syn. *Erigeron sprengelii* Sch. Bip. ex Walp.]

Baccharis doniana Hook. & Arn., *J. Bot.* 3: 26. 1840. Type: Brazil; "S. Brazil. Tweedie (n. 975.) Rio grande do Sul. Isabelle" (not seen)
= *Baccharis semiserrata* DC. (Dietrich 1847; Baker 1882; Barroso 1976; Malagarriga 1977)

Baccharis douglasii DC., *Prodr.* 5: 400. 1836. Type: United States. "in California legit cl. Douglas"; 1833, Douglas 41, ♂ (G-DC!, holotype, W!, isotype)
= *Baccharis glutinosa* Pers.

83. *Baccharis dracunculifolia* DC., *Prodr.* 421. 1836. Type: Brazil; "in Brasiliae prov. Rio-Grande, ad Sanctam-Catharinam et Rio-Janeiro. ... comm à cl. Lund et in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 817 et 819 miss."); Rio Grande, *Sellow s.n.* = *M. I. B.* 817, ♀♂ (P!, lectotype, designated by Malagarriga 1958: 280, G-DC!, fragment, GH!, isolectotypes); 1834, *Lund 127*, ♂ (G-DC!, syntype)

Baccharis pulverulenta Klatt, *Abh. Naturf. Ges. Halle* 15: 327. 1881.

Baccharis dracunculifolia var. *integerrima* Kuntze, *Rev. gen.* 3(2): 132. 1898. *Baccharis dracunculifolia* f. *subviscosa* Kuntze, *Rev. gen.* 3(2): 132. 1898

Baccharis tandilensis Speg., *Contrib. fl. Tandil* 26. 1901.

Baccharis dracunculifolia f. *spectabilis* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 143. 1916.

Ic.: Malagarriga 1954 (leaf); Cabrera 1974: Fig. 144; Malagarriga 1977: dessin 72, dessin 73, dessin 236 (leaves); Cabrera 1978: Fig. 93; Torrico 1991: Fig. 9; Müller 2006a: Fig. 11

Argentina (BA, CR, ER, JU, MI, SA, TU), Bolivia (CH, CO, LP, PO, SC, TA), Brazil (BA, DF, ES, GO, MG, MS, PR, RJ, RS, SC, SP), Paraguay, Uruguay

Baccharis subgen. *Baccharis*

Baccharis dracunculifolia var. *integerrima* Kuntze, *Rev. gen.* 3(2): 132. 1898. *Baccharis dracunculifolia* f. *subviscosa* Kuntze, *Rev. gen.* 3(2): 132. 1898. Type: Bolivia, Paraguay; "Bolivia: 2000-4000 m Challapass, Santa Cruz, Tunarigebirge. Paraguay: Concepcion"; Santa Cruz, May 1892, Kuntze s.n. (NY!, lectotype, designated by Müller 2006a: 58)
= *Baccharis dracunculifolia* DC.

Baccharis dracunculifolia f. *spectabilis* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 143. 1916. Type: Argentina. "Tucuman: Dep. Tafi, Jacochulla, 1800 m ü. d. M., matorrales der Gipfel (Lillo n. 3772)"; ♀♂ (HBG!, holotype, P!, isotype)
= *Baccharis dracunculifolia* DC.

Baccharis dracunculifolia var. *spectabilis* Hassl. ex Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 147. 1977 [pro syn. *Baccharis erioclada* DC.]

Baccharis dracunculifolia var. *subdentata* Kuntze, *Rev. gen.* 3(2): 132. 1898. Type: Argentina, Paraguay; "Argentina: Tucuman (1024 Lor. & Hier.). Paraguay: Concepcion. Uruguay: rio Santa Lucia"; Lorentz & Hieronymus 1024 (NY!, lectotype, designated by Müller 2006a: 114); Concepción, Kuntze s.n. (NY!, syntype)
= *Baccharis microdonta* DC.

Baccharis dracunculifolia f. *subviscosa* Kuntze, *Rev. gen.* 3(2): 132. 1898.
= *Baccharis dracunculifolia* DC.

84. *Baccharis dubia* Deble & An. S. de Oliveira, *Balduinia* 9: 10. 2007. Type: Brazil; "Minas Gerais, Serra do Caparaó, 2500 m.s.m., ... 19.IX.1941, A. C. Brade 16970" (RB, holotypus, HD CF, JE!, isotypes)

Ic.: Deble & Oliveira 2006: Fig. 1

Brazil (ES, MG)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis dudleyi Cuatrec., *Phytologia* 49: 70. 1981. Type: Peru; "Huánuco, southeastern slope of Rio Llulla Picris watershed, on the ascent of Cerros del Sira, in open and drier ridges and banks in cloud forest about halfway between Laguna and Peligroso, 1450 m, 23 Jul 1969, T.R.Dudley 13183" (NA, holotype)

= *Critoniopsis boliviana* (Britton) H. Rob. (Robinson 1999)

85. *Baccharis dunensis* A. A. Schneid. & G. Heiden, *Rodriguésia* 61: 73. 2010. Type: Brazil; Rio Grande do Sul, Capão da Canoa, entre Noiva do Mare Atlântida, 12 Apr 1978, *Pfadenhauer* 250 (ICN, holotype)

Ic.: Schneider & al. 2010: Fig. 1

Brazil (RS)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis dupreana Sch. Bip. ex Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 147. 1977 [pro syn. *Baccharis brevifolia* DC.]

Baccharis dusenii O. Hoffm., in *Dusén, Sv. exp. Magell.* 3: 244. 1901. Type: Argentina; "Hab. ad Puerto Madryn" (not seen)

= *Baccharis melanopotamica* Speng. (Macloskie 1914; Heering 1916; Cabrera 1941, 1971; Ariza 1973; Malagarriga 1977; Giuliano & Ariza Espinar 1999; Giuliano 2000)

Baccharis dusenii G. M. Barroso, *Rodriguésia* 28(40): 166. 1976 [non O. Hoffm. 1901].

Baccharis grazielae An. S. de Oliveira & Marchiori, *Balduinia* 5: 4. 2005. *Baccharis perdusenii* Giuliano, *Novon* 15: 539. 2005 [nom. superfl.] Type: Brazil. "Rio de Janeiro, Itatiaia, leg. Dusén 660 (17.1902)" (R, holotype)

= *Baccharis parvidentata* Malag. (Oliveira & al. 2006)

Baccharis dutaillyana Glaz., *Mém. Soc. Bot. France* 3: 402. 1910 [nom. nud.] Original material: Brazil; "Campos da Bocaina, Sao Paulo, n° 11110"

= *Vernonia* sp. (Malagarriga 1977)

Baccharis echegeyayi Hieron. ex Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 105. 1916 [nom. nud. et non acc.]

= *Baccharis glutinosa* Pers.

86. *Baccharis effusa* Griseb., *Abh. Königl. Ges. Wiss. Göttingen* 19: 177. 1874. Type: Argentina; "Tucuman, frequens in ripis pr. Juntas"; 28 Mar 1872, *Lorentz* 140 (GOET!, holotype)

Ic.: Malagarriga 1977: dessin 82; Cabrera 1978: Fig. 101; Müller 2006a: Fig. 99

Argentina (CA, JU, SA), Bolivia (CO, PO, TA)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis eggersii Hieron., *Bot. Jahrb. Syst.* 28: 588. 1901. Type: Ecuador; "crescit prope Hacienda El Recreo prov. Manabi (Eggers n. 14919; 27. Jun. 1893); in campis sábana dictis prope Balao (Eggers n. 14341, Jan. et 19. Mart. 1892)"; Eggers 14341; ♂ (M!, lectotype, designated by Müller 2006a: 169, A!, L!, 2×, US!, WU!, isolectotypes); Eggers 14919, ♀ (K!, M!, P!, syntypes)

= *Baccharis trinervis* Pers.

Baccharis elaeagnoides Steud. ex Baker, *Fl. bras. (Martius)* 6(3): 53. 1882. *Baccharis semiserrata* var. *elaeagnoides* (Steud. ex Baker) Govaerts, *World checkl. seed pl.* 2 (1): 9. 1996. Type: Brazil, Paraguay; "in silvis Brasiliae orientalis et australis, e. gr. in prov. Minas Geraes ad Cachoeira do Campo, Caldas, Serra da Piedade etc.: Claussen! Regnell I. n. 246! Warming!; in S. Paulo: inter urbem et Jundiahy; prope S. Carlos: Lund!; prope Rio de Janeiro, in Serra dos Orgãos, ad Canta Gallo etc.: Martius! Peckolt! Glaziou n. 540! 1050!!; in prov. S. Catharina: F. Mueller n. 113!; in Paraguay, in silvis ad Caaguazu: Balansa n. 744!"; Balansa 744, ♂ (BR!, G!, 3×, P!, syntypes); Glaziou 540 (BR!, 2×, P!, syntypes); Glaziou 1050, ♀ (BR!, 2×, P!, syntype); Regnell 1-246, ♂ (BR!, 3×, syntypes)
= *Baccharis montana* DC.

87. *Baccharis elaeoides* Remy, in Gay, *Fl. Chile* 4: 88. 1849. Type: Chile; "campos de Valdivia" (P!, holotype, P!, 2×, isotypes)
Ic.: Cabrera 1971: Fig. 74; Malagarriga 1977: dessin 75 (leaf); Hellwig 1990: Abb. 27-30
Argentina, Chile
Baccharis subgen. *Baccharis*

Baccharis elaeoides var. *concolor* Heering ex F. H. Hellw., *Mitt. Bot. Staatssamml. München* 29: 123. 1990 [pro syn. *Baccharis elaeoides* Remy]

Baccharis elegans Kunth, *H. B. K., Nov. gen. sp.* 4: 60. 1818. *Neomolina elegans* (Kunth) F. H. Hellw., *Candollea* 48: 212. 1993. Type: Colombia; "in Nova Hispania?"; ♀ (P-HBK!, holotype, B-Willd.-15597!, P!, isotypes).
= *Baccharis bogotensis* Kunth

Baccharis elegans var. *seemannii* Sch. Bip., in Seemann, *Bot. Voy. Herald* 303. 1856. Type: Seemann 2015 (K, holotype, GH, K, isotypes)
= *Archibaccharis schiedeana* (Oersted) J. D. Jackson (Jackson 1974, 1975, Nash 1976)

88. *Baccharis elliptica* Gardner, *London J. Bot.* 7: 83. 1848. Type: Brazil; "4908", "Upland Campos, Diamond District. July, 1840"; ♀ (G!, 3×, P!, 2×, US!, W!, isotypes)
Ic.: Malagarriga 1977: dessin 77 (leaf)
Brazil (BA, MG)
Baccharis subgen. *Baccharis*

89. *Baccharis emarginata* (Ruiz & Pav.) Pers., *Syn. pl.* 2: 424. 1807. *Molina emarginata* Ruiz & Pav., *Syst. veg.* 202. 1798. Type: Peru; "in Peruviae collibus, copiosè in Tarmae Provincia" (MA!, lectotype, designated by Cabrera 1960, B!, fragment, FI, G!, MA!, isotypes)
Ic.: Malagarriga 1977: dessin 78 (leaf)
Peru
Baccharis subgen. *Baccharis*

Baccharis emoryi A. Gray, in Torr., *Bot. boundary* 83. 1859. Type: USA; "Very common on the Gila; Emory, coll. in 1846, etc. Fort Yuma, E. California; Major Thomas. Sterile plant not seen"; Emory 531a (P, lectotype, designated by Malagarriga 1958: 283)
= *Baccharis salicina* Torr. & A. Gray (Cronquist 1994)

90. *Baccharis erectifolia* Steyerl., *Fieldiana, Bot.* 28: 620. 1953. Type: Venezuela. "on north-facing steep sandstone slopes, Cerro Turumiquire, from beginning of sandstone to summit of cerro, state of Sucre, alt. 2360-2500 m., May 6, 1945, Julian A. Steyermark 62583"; ♀ (F, holotype, G!, US!, isotypes)
Ic.: Malagarriga 1977: dessin 311 (leaves)

Venezuela

Baccharis subgen. *Baccharis*

Baccharis ericoides (Lam.) Pers., *Syn. pl.* 2: 425. 1807. *Conyza ericoides* Lam., *Encycl.* 2: 92. 1786. Type: Peru; "M. Joseph de Jussieu a observé cet arbuste au Pérou" (P-Lam!, holotype, P-Juss!, isotype)

≡ *Diplostephium ericoides* (Lam.) Cabrera

91. *Baccharis erigeroides* DC., *Prodr.* 5: 418. 1836. *Lanugothamnus erigeroides* (DC.) Deble, *Balduinia* 37: 14. 2012. Type: Brazil; "in campis editis prov. Sancti-Pauli Brasiliae legit cl. Lund"; *Lund* 845, ♀ (G-DC!, holotype, 2 sheets)

Baccharis puberula DC., *Prodr.* 5: 401. 1836.

Baccharis erigeroides var. *dusenii* Heering, *Ark. Bot.* 9(15): 23. 1910.

Ic.: Dusén 1910: Taf. 7; Malagarriga 1977: dessin 313 (leaves)

Brazil (DF, GO, MS, PR, RS, SC, SP)

Baccharis subgen. *Tarchonanthoides* Heering

Baccharis erigeroides var. *dusenii* Heering, *Ark. Bot.* 9(15): 23. 1910. Type: Brazil. "Gesammelt auf den Campos bei Capao grande am 18. Dez. 1903 (Nr. 2766), und bei Capivari am 21. Okt. 1908 [Dusén]"; *Dusén* 2766 (R, lectotype, designated by Heiden & Pirani 2012a, S, isolectotype)

= *Baccharis erigeroides* DC.

92. *Baccharis erioclada* DC., *Prodr.* 5: 415. 1836. Type: Brazil; "in Brasiliae prov. Sancti-Pauli. ... (v. s. ... in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 469 miss.)"; *Sellow s.n.*, ♀ (P!, holotype, G-DC!, fragment, isotype)

Ic.: Malagarriga 1954 (leaf); Malagarriga 1977: dessin 24 (leaves)

Brazil (MG, PR, RJ, RS, SC, SP), Paraguay

Baccharis subgen. *Baccharis*

Baccharis erioclada var. *latifolia* Sch. Bip., *Linnaea* 30: 181. 1859-1860 [nom. nud.] Original material: Brazil; Regnell "I. 238"; ♀♂ (BR!, 4×, GOET!, M!)

= *Baccharis capariifolia* DC. (p.p.), *B. erioclada* DC. (p.p.)

Baccharis erioclada var. *villosa* Mart. ex Heering, *Bot. Jahrb. Syst.* 27: 461. 1899. Type: Brazil, not designated (not seen)

= *Baccharis erioclada* DC.?

Baccharis erioptera Benth., *Ann. Nat. Hist.* 2: 441. 1839. Type: Guyana; "Dry Savannahs on the Upper Rupunoony. Schomburgk, n. 709" (US!, isotype)

= *Pterocaulon alopecuroides* (Lam.) DC.

93. *Baccharis erosoricola* Rzed., *Bol. Soc. Bot. Méx.* 45: 111. 1984. Type: Mexico; "Estado de México. Vertiente sur inferior del Cerro Sincoque, cerca de Huehuetoca, alt. 2 300 m, terrenos fuertemente erosionados, 10.V.1981, planta femenina, Rzedowski 37253" (ENCB, holotype)

Ic.: Rzedowski 1984: Fig. 1

Mexico

Baccharis subgen. *Pteronioides* Heering

Baccharis espadae Cuatrec., *Anales Univ. Madrid (Ci.)* 4(2): 210. 1935. Type: Peru; "inter Vitoc et Altos de Palca, Juan Isern 4-XI-1863 legit. (núm. 463)" (MA, holotype)

= *Baccharis decussata* subsp. *jelskii* (Hieron.) Joch. Müll.

Baccharis eupatorioides Hook. & Arn., *J. Bot.* 3: 22. 1840. *Baccharis racemosa* var. *eupatorioides* (Hook. & Arn.) Kuntze, *Rev. gen.* 3(2): 134. 1898. Type: Chile; "Isle la Moche, South Pacific Ocean. Dr Eights"; Eights 8, ♂ (K!, holotype)

= *Baccharis racemosa* (Ruiz & Pav.) Pers.

Baccharis exspectata F. H. Hellw., *Mitt. Bot. Staatssamml. München* 29: 398. 1990. Type: Chile; "X. Region, de los Lagos, Straße von Argentinien nach Futaleufú, etwa 2 km hinter der Grenze, 12.1.1986, HELLWIG 4756" (M, holotype, JE!, isotype)

= *Baccharis obovata* × *patagonica*

Baccharis exspectata subsp. *crenatopalenae* F. H. Hellw., *Mitt. Bot. Staatssamml. München* 29: 400. 1990. Type: Chile; "X. Region: Kiesbänke des Río Caunahue bei der Brücke an der Straße von Futrono nach Llifén, 28.9.1985, HELLWIG 7678" (M, holotype, JE!, isotype)

= *Baccharis obovata* × *patagonica*

Baccharis exyngioides Larrañaga, *Escritos Damaso Antonio Larrañaga* 1: 11. 1922. Type: ?
= ?

Baccharis fallax Kuntze, *Rev. gen.* 3(2): 132. 1898. Type: Bolivia; "3500 m zwischen Cochabamba und Rio Juntas" (NY!, holotype)

= *Baccharis pentlandii* DC. subsp. *pentlandii*

94. *Baccharis famatinensis* Ariza, *Lorentzia* 2: 5. 1973. Type: Argentina; "Prov. La Rioja: Dpto. Famatina: La Mariposa (Los Ramblones), Kurtz 13434, 10/12-II-1906. 2100 m.s.m. In arenos. raro; ad 1,2 m alt. Pie femenino" (CORD, holotype)

Ic.: Ariza 1973c

Argentina (LR)

Baccharis subgen. *Baccharis*

Baccharis farinosa Pers. ex Spreng., in Ersch & Gruber, *Allg. Encycl.* 7: 27. 1821 [nom. superfl.].

≡ *Baccharis glutinosa* Pers.

Baccharis fasciculata Klatt, *Leopoldina* 20: 91. 1884 [nom. nud.] Original material: Mexico?; "Liebmann Nr. 244" [not seen]

= *Baccharis pteronioides* DC. (Mahler & Waterfall 1964)

Baccharis fasciculosa Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 148. 1977. [sphalm. for *Baccharis fasciculata* Klatt]

Baccharis fastigiata Baker, *Fl. bras. (Martius)* 6(3): 39. 1882. Type: Brazil; "in prov. Minas Geraes prope Cachoeira do Campo; Claussen! Martius Hb. Fl. Bras. n. 746! 747!"; Martius Herb. Fl. Bras. 747, ♀ (P!, 2×, lectotype, designated by Malagarriga 1958: 283, BR!, 3×, G!, K!, M!, W!, syntypes); Claussen 48? (G!, syntype)

= *Baccharis pentaptera* (Less.) DC. (Schneider & al. 2009)

Baccharis fastigiata Phil. ex Reiche, *Anales Univ. Chile* 111: 157. 1903 [non Baker 1882]. Type: Chile; "Provincia de Valdivia (Cordillera Pelada)" (not seen)

= *Baccharis cymosa* Phil. (Heering 1916, Malagarriga 1977)

Baccharis ferruginea (Ruiz & Pav.) Pers., *Syn. pl.* 2: 425. 1807. *Molina ferruginea* Ruiz & Pav., *Syst. veg.* 211. 1798. Type: Peru; "in Peruviae alpebus, vulgò Cordilleras et Punas, per Tarmae, Cantae et Huarocherí Provincias" (MA!, lectotype, designated by Cabrera 1960, isotype)

≡ *Loricaria ferruginea* (Ruiz & Pav.) Wedd.

Baccharis ferruginea var. *thyopsis* DC., *Prodr.* 5: 426. 1836. Type: "in Amer. merid. cl. Bonpland olim comm. sub nomine Conyzae" (G-DC!, holotype)

= *Loricaria* sp.

Baccharis fevillei DC., *Prodr.* 5: 403. 1836. *Baccharis lanceolata* var. *fevillei* (DC.) Hieron. ex Cuatrec., *Anales Univ. Madrid (Ci.)* 4: 210. 1935. Type: Peru; "in Peruviae (Gaud.), ripis (R. et Pav.), ad sinum Chorillo (Mac-Rae!), et circa Limam (Abadia!)"; Gaudichaud s.n., ♂ (G-DC!, lectotype, designated by Cuatrecasas 1967b: 6); 1833, Abadia s.n., ♂ (G-DC!, syntype); Dombey s.n., ♂ (P!, 2×, syntypes); 1825, Macrae s.n. (G-DC!, syntype)

= *Baccharis salicifolia* (Ruiz & Pav.) Pers.

Baccharis filifolia Sch. Bip. ex Baker, *Fl. bras. (Martius)* 6(3): 69. 1882 [pro syn. *Baccharis polyphylla* Gardner]

Baccharis filipedicellata Sch. Bip. ex Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 148. 1977 [nom. nud. et non acc.]
= ?

95. *Baccharis flabellata* Hook. & Arn., *J. Bot.* 3: 28. 1840. Type: Argentina. "Aguadita, province of San Luis. Dr Gillies (n. 170)" (not seen)

Ic.: Ariza 1973: Fig. 38 C-D (leaves); Malagarriga 1977 (leaves)

Argentina (CO, LR)

Baccharis subgen. *Baccharis*

Baccharis flabellata var. *argentina* (Heering) Ariza, *Bol. Acad. Nac. Ci. Córdoba* 50: 284. 1973.

= *Baccharis vernicosa* Hook. & Arn.

Baccharis flexuosa Baker, *Fl. bras. (Martius)* 6(3): 83. 1882. *Pingraea flexuosa* (Baker) F. H. Hellw., *Candollea* 48: 217. 1993. Type: Brazil. "in prov. Minas Geraes, in silvis ad Lagoa Santa: Warming!"; ♀♂ (K!, holotype, HBG!, fragment, P!, isotypes)

= *Baccharis quitensis* Kunth

96. *Baccharis flexuosiramosa* A. A. Schneid. & Boldrini, *J. Bot. Res. Inst. Texas* 2: 48. 2008. Type: Brazil; "Rio Grade do Sul: Municipio de Cambará do Sul, Parque Nacional dos Aparados da Serra, Canyon Itaimbezinho, 7 Dec 2006, A. A. Schneider 1419" (holotype, ICN, K, MO, RB, isotypes)

Ic.: Schneider & Boldrini 2008: Fig. 3, 4

Brazil (RS, SC)

Baccharis subgen. *Molina* (Pers.) Heering

97. *Baccharis floccosa* Deble & A. S. Oliveira, *Balduinia* 37: 27. 2012. Type: Brazil; Rio Grande do Sul, São José dos Ausentes, Canion Monte Negro, 1200 m, 7 Nov 2005, Deble & Oliveira-Deble 4999 (SI, holotype).

Ic.: Deble & Oliveira 2012: Fig. 1

Brazil (RS, SC)

Baccharis subgen. *Baccharis*

Baccharis flocculosa Schldl. ex Baker, *Fl. bras. (Martius)* 6(3): 53. 1882 [pro syn. *Baccharis calvescens* DC.]

Baccharis floribunda Kunth, *H. B. K., Nov. gen. sp.* 4: 64. 1818. Type: Colombia. "in Andibus Novo-Garanatensium prope Almaguer et in convalli fluminis Yacanatacu, alt. 830-1200 hex."; ♀♂; (P-HBK!, holotype, B-Willd-15594!, F!, P!, 4×, isotypes)
= *Baccharis latifolia* (Ruiz & Pav.) Pers.

Baccharis floribunda Phil., *Linnaea* 33: 145. 1864-1865 [non Kunth 1818]. Type: Chile, "in regione litorali prov. Santiago crescit" (not seen)
= *Baccharis paniculata* DC. (Reiche 1903, 1905, Heering 1916, Malagarriga 1977, Hellwig 1990)

98. *Baccharis floribundioides* Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 42. 1967. Type: Colombia; "Valle: Cordillera Occidental, filo de la Cordillera al N de Las Brisas, Gibraltar, 2100-2200 m. alt., ... 25-X-1946, Cuatrecasas 22534"; ♀ (US!, holotype)
Ic.: Cuatrecasas 1967: Fig. 9 (leaf); Cuatrecasas 1969: Fig. 66; Malagarriga 1977: dessin 40 (leaf)

Colombia

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis fluminensis Glaz., *Mém. Soc. Bot. France* 3: 400. 1910 [nom. nud.] Original material: Brazil; "Morro da Babylonia, à Botafogo, Rio-Jan., n° 11006"; ♀ (P!, 3×)
= *Baccharis linearifolia* (Lam.) Pers.

Baccharis foetida L., *Sp. pl.* 861. 1753. USA. "Virginia ... *Baccharis foliis lanceolatis serrato dentatis, corymbis foliosis. Gron. virg.* 96." (not seen)
= *Pluchea camphorata* (L.) DC. (Malagarriga 1977, Hellwig 1990)

Baccharis foliosa Gillies ex Hook. & Arn., *J. Bot.* 3: 30. 1841. Type: Chile. "Cordillera of the Andes. Dr Gillies, (n. 167.)" (K, lectotype, designated by Hellwig 1990)
= *Baccharis obovata* Hook. & Arn. (Cabrera 1971, Hellwig 1990, Giuliano & Ariza Espinar 1999, Giuliano 2000)

Baccharis fontanicola Phil. ex Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 110. 1916 [pro syn. *Baccharis pingraea* DC.]

99. *Baccharis fraterna* Cuatrec., *Mutisia* 17: 5. 1953. Type: Colombia; "Dep. Antioquia: San Pedro. ... Colect. Oct. 1939 Hno. Tomás 376 m"; ♀ (US!, holotype)
Ic.: Cuatrecasas 1967: Fig. 14, Fig. 16 (leaf); Cuatrecasas 1969: Fig. 70, 72; Malagarriga 1977: dessin 289 (leaf)

Colombia

Baccharis subgen. *Pteronioides* Heering

Baccharis fraudulenta Malag., *Contr. Inst. Geobiol. La Salle* 3: 5. 1954. Type: Brazil; "2298 (IV)"; "2297 (IV)" [leg. W. Hoehne] (not seen)
= hybr.?

100. *Baccharis frenguelli* Cabrera, *Darwiniana* 16: 409. 1970. Type: Argentina; "Prov. Entre Ríos, Paraná, leg. A. L. Cabrera 6485" (LP, holotype, isotype)

Baccharis hassleriana Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 134. 1977

Ic.: Cabrera 1974: Fig. 142; Malagarriga 1977: dessin 371

Argentina

Baccharis subgen. *Baccharis*

101. *Baccharis friburgensis* G. Heiden, Baumgratz & Esteves, J. Bot. Res. Inst. Texas 3: 143. 2009. Type: Brazil; "Rio de Janeiro, Nova Friburgo, Macaé de Cima, 16 Aug 1989, ♂, Vieira 48" (RB, holotype)

Ic.: Heiden & al. 2009b: Fig. 2

Brazil (RJ)

Baccharis oblongifolia group

Baccharis frigida Kunth, H. B. K., Nov. gen. sp. 4: 49. 1818. Type: Peru; "in frigidis Peruviae"; ♂ (P-HBK!, holotype)

= *Baccharis gnidiifolia* Kunth

Baccharis frigida Neger, Villaricca 12, 58. 1899 [nom. nud.] Original material?

= *Baccharis obovata* subsp. *umbelliformis* (DC.) F. H. Hellw. (Hellwig 1990)

Baccharis fuchsiifolia Gardner, London J. Bot. 7: 88. 1848. *Baccharis orgyalis* f. *fuchsiifolia* (Gardner) Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 128. 1916. *Baccharis orgyalis* var. *fuchsiifolia* (Gardner) Malag., Contr. Inst. Geobiol. La Salle 2: 32. 1953. Type: Brazil. "4917". "Near Japinhacanga, Province of Minas Geraes. Aug., 1840"; ♂ (P!, W!, isotypes)

= *Baccharis dentata* (Vell.) G. M. Barroso

Baccharis fuegiana Phil. ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 149. 1977. [pro syn. *Baccharis magellanica* (Lam.) Pers.]

Baccharis fuliginea Kunth, H. B. K., Nov. gen. sp. 4: 68. 1818. Type: Ecuador? "cum praecedente?" [in montibus frigidis Quitensium in Paramo de Assuaye; inter crucem Cadludensem et pagum Pomallgactam, alt. 1550 hex.] (P-HBK!, holotype)

= *Llerasia fuliginea* (Kunth) Cuatrec.

Baccharis fuliginosa D. Dietr., Syn. pl. 4: 1455. 1847 [sphalm. for *Baccharis fuliginea* Kunth]

Baccharis fusca Turcz., Bull. Soc. Imp. Nat. Mosc. 1851(2): 67. 1851. Type: Ecuador; "In Andibus Quitensibus. Jameson coll. n. 882-884"; ♂ (KW!, holotype, BM!, isotype)

= *Baccharis grandiflora* Kunth

Baccharis gaudichaudiana DC., Prodr. 5: 424. 1836. *Baccharis articulata* var. *gaudichaudiana* (DC.) Baker, Fl. bras. (Martius) 6(3): 38. 1882. Type: Brazil; "ad Sanctam-Catharinam legit cl. Gaudichaud. ... à cl. Lund"; Santa Catarina, Gaudichaud 198, ♀ (G-DC!, syntype); São Paulo, Lund s.n., ♂ (G-DC!, syntype)

= *Baccharis articulata* (Lam.) Pers. (Gaudichaud syntype)

Baccharis gaudichiana Heering, Jahrb. Hamb. Wiss. Anst. 21, Beih. 3, 12: 24. 1906 [sphalm. for *Baccharis gaudichaudiana* DC.]

Baccharis gayana Phil., Anales Univ. Chile 87: 706. 1894. Type: Chile, "prope Algarrobo Aprili 1881 legi" (SGO, holotype, HBG!, fragment, isotype)

= *Baccharis linearis* × *macraei* (Hellwig 1990)

Baccharis gayana Remy ex Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 100. 1916 [pro syn. *Baccharis sphaerocephala* Hook. & Arn.]

102. Baccharis genistelloides (Lam.) Pers., Syn. pl. 2: 425. 1807. *Conyza genistelloides* Lam., Encycl. 2: 93. 1786. Type: Ecuador; "Perou; elle est commune dans la province de Tacunga, où M. Joseph de Jussieu l'a observée"; ♂ (P-Lam!, holotype, P!, P-Juss!, isotypes)
Baccharis altimontana G. Heiden, Baumgratz & Esteves, J. Bot. Res. Inst. Texas 3: 140. 2009.

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis genistelloides (Lam.) Pers. **subsp. genistelloides**

Baccharis venosa (Ruiz & Pav.) Pers., Syn. pl. 2: 425. 1807. *Molina venosa* Ruiz & Pav., Syst. veg. 212. 1798. *Baccharis genistelloides* var. *venosa* (Ruiz & Pav.) Cuatrec., Anales Univ. Madrid (Ci.) 4(2): 211. 1935.

Baccharis genistelloides var. *resinosa* Hook., Bot. Misc. 2: 224. 1831.

Baccharis genistelloides var. *alpina* Ball, J. Linn. Soc., Bot. 22: 44. 1885.

Baccharis genistelloides var. *angusta* Hieron., Bot. Jahrb. Syst. 29: 28. 1900.

Baccharis venosa var. *apiciflora* Hieron., Bot. Jahrb. Syst. 36: 483. 1905.

Ic.: Hooker 1831: tab. xciv; Baker 1882, Tab. xvi; Cuatrecasas 1967: Fig. 16 (part of stem); Cuatrecasas 1969: Fig. 64, 72; Malagarriga 1977: dessin 355; Müller 2006a: Fig. 72

Bolivia (CO, LP, OR), Chile, Colombia (CA, CL, NA, TO), Ecuador (AZ, BO, CA, CH, CN, CO, IM, LO, MS, NA, OR, PA, PI, TU, ZC), Peru (AM, AN, AR, CU, HU, HV, PI)

Baccharis genistelloides var. *alpina* Ball, J. Linn. Soc., Bot. 22: 44. 1885. Type: Peru; "Above Casapalta!"; ♂ (K!, holotype)

= ***Baccharis genistelloides* (Lam.) Pers. subsp. genistelloides**

Baccharis genistelloides var. *angusta* Hieron., Bot. Jahrb. Syst. 29: 28. 1900. Type: Ecuador, Peru; "Crescit in pascuis andinis superioribus montium Altar, Corazón etc. (S.[odiro] n. 16/2?). Specimen sterile in Peruvia in montibus prope urbem Arequipa, alt. s. m. 5000 m (Meyen, Aprili 1831)" (not seen)

= ***Baccharis genistelloides* (Lam.) Pers. subsp. genistelloides**

Baccharis genistelloides var. *brachystachys* Baker, Fl. bras. (Martius) 6(3): 41. 1882.

Baccharis brachystachys (Baker) Malag. & Vidal, Contr. Inst. Geobiol. La Salle 2: 47. 1952.

Type: Brazil, Uruguay. "in prov. Rio de Janeiro: A. Richard!; in S. Paulo: Burchell n. 4705-17!; prope Montevideo: Gaudichaud!"; Burchell 4507-17, ♀ (P!, syntype); Apr 1836, Gaudichaud s.n., ♀ (P!, 2×, syntypes); Herb. Richard, ♂ (P!, syntype)

= ***Baccharis genistelloides* subsp. *crispa* (Spreng.) Joch. Müll.**

Baccharis genistelloides f. *capitata* Baker, Fl. bras. (Martius) 6(3): 41. 1882 [nom. nud.] Original material: Brazil; "in Minas Geraes Martius (typus cum forma capitata)" (not seen)

= ***Baccharis sagittalis* (Less.) DC.?**

Baccharis genistelloides subsp. *crispa* (Spreng.) Joch. Müll., Syst. Bot. Monogr. 76: 198.

2006. *Baccharis crispa* Spreng., Syst. veg. 3: 466. 1826. *Molina crispa* (Spreng.) Less.,

Linnaea 6: 141. 1831. *Baccharis genistelloides* var. *crispa* (Spreng.) Baker, Fl. bras. (Martius)

6(3): 41. 1882. *Pingraea crispa* (Spreng.) F. H. Hellw., Candollea 48: 217. 1993. Type: Uruguay; "Monte Video. Sello"; Sellow d397 = M. I. B. 736, ♂ (P!, holotype, BR!, G!, G-DC!, P!, W!, isotypes)

Cacalia sessilis Vell., Fl. flum. 8: tab. 73. 1831.

Molina cylindrica Less., Linnaea 6: 141. 1831. *Baccharis cylindrica* (Less.) DC., Prodr. 5: 426. 1836. *Baccharis genistelloides* var. *cylindrica* (Less.) Baker, Fl. bras. (Martius) 6(3): 41.

1882.

Molina trimera Less., *Linnaea* 6: 141. 1831. *Baccharis trimera* (Less.) DC., *Prodr.* 5: 425. 1836. *Baccharis genistelloides* var. *trimera* (Less.) Baker, *Fl. bras. (Martius)* 6(3): 40. 1882.
Baccharis myriocephala DC., *Prodr.* 5: 426. 1836.
Baccharis trimera var. *carqueja* DC., *Prodr.* 7: 282. 1838.
Baccharis triptera Mart., *Mat. med. bras.* 43. 1843.
Baccharis genistelloides var. *brachystachys* Baker, *Fl. bras. (Martius)* 6(3): 41. 1882.
Baccharis brachystachys (Baker) Malag. & Vidal, *Contr. Inst. Geobiol. La Salle* 2: 47. 1952.
Baccharis perplexa Malag. & Vidal, *Contr. Inst. Geobiol. Canoas* 8: 38. 1957.
Baccharis subcrispa Malag., *Contr. Inst. Geobiol. Canoas* 8: 39. 1957.
Ic.: Baker 1882, *Tab.* xvi; Martius 1933: *Abb.* 1, *Abb.* 9 (stem cross section); Cabrera 1963: *Fig.* 28; Cabrera 1971: *Fig.* 66; Ariza 1973: *Fig.* 28; Cabrera 1974: *Fig.* 138; Malagarriga 1977: *dessin* 125 (stem), *dessin* 129; Cabrera 1978: *Fig.* 91; Diesel 1987: *Fig.* 8; Soria 1993: *lám.* 4, 5; Müller 2006a: *Fig.* 73; Heiden 2009: *Fig.* 3; Heiden & al. 2009a: *Fig.* 3g-l, 10.
Argentina (CA, CR, JU, ME, MI, SF), Bolivia (CH, CO, LP, SC, TA), Brazil (BA, CE, ES, MG, MT, PE, PR, RJ, RS, SC, SP), Paraguay, Peru (CU, PU), Uruguay

Baccharis genistelloides var. *cylindrica* (Less.) Baker, *Fl. bras. (Martius)* 6(3): 41. 1882.
= *Baccharis genistelloides* subsp. *crispa* (Spreng.) Joch. Müll.

Baccharis genistelloides subsp. lorentzii Joch.Müll., *Hausknechtia* 11: 144. 2006.
Baccharis lorentzii (Joch. Müll.) Deble, *Balduinia* 16: 33. 2009. Type: Argentina; "Córdoba: Estancia Germania prope Córdoba; Jun-Dec 1874, ♀; Lorentz 121" (BR!, holotype, M!, WU-Keck!, isotypes)
Ic.: Müller 2006c, *Fig.* 1
Argentina (BA, CO, LP, SL)

Baccharis genistelloides var. *milleflora* (Less.) Baker, *Fl. bras. (Martius)* 6(3): 41. 1882.
≡ *Baccharis milleflora* (Less.) DC.

Baccharis genistelloides var. *myriocephala* Baker ex G. M. Barroso, *Rodriguésia* 28(40), 1976: 189 [pro syn. *Baccharis myriocephala* DC.]

Baccharis genistelloides var. *resinosa* Hook., *Bot. Misc.* 2: 224. 1831. Type: Peru; "Huaylluay, near Pasco"; [leg. Cruckshanks] (not seen)
= *Baccharis genistelloides* (Lam.) Pers. subsp. *genistelloides*

Baccharis genistelloides var. *trimera* (Less.) Baker, *Fl. bras. (Martius)* 6(3): 40. 1882.
= *Baccharis genistelloides* subsp. *crispa* (Spreng.) Joch. Müll.

Baccharis genistelloides var. *venosa* (Ruiz & Pav.) Cuatrec., *Anales Univ. Madrid (Ci.)* 4(2): 211. 1935.
= *Baccharis genistelloides* (Lam.) Pers. subsp. *genistelloides*

103. Baccharis genistifolia DC., *Prodr.* 5: 423. 1836. Type: Uruguay; "in Brasiliae prov. Rio-Grande. ... (v. s. in h. Mus. Par. à Mus. imp. Bras. sub n. 835 miss.)"; *Sellow d117* = *M. I. B.* 835, ♂ (P!, 2 sheets, holotype, FR!, G-DC!, GH!, K!, W!, isotypes)
Argentina, Brazil (RS), Uruguay
Baccharis subgen. *Molina* (Pers.) Heering

Baccharis genistoides Bert. ex Heering, *Jahrb. Hamb. Wiss. Anst.* 31, *Beih.* 3: 118. 1916 1916 [pro syn. of *Baccharis sagittalis* (Less.) DC., *sphalm.* for *B. genistelloides* (Lam.) Pers.]

104. *Baccharis gibertii* Baker, Fl. bras. (Martius) 6(3): 52. 1882. *Lanugothamnus gibertii* (Baker) Deble, Balduinia 37: 13. 2012. Type: Uruguay; "ad Maldonado et Montevideo, ad ripas fluminis S. Lucia: Capt. King! Gilbert n. 813! 814! Arechavaleta n. 4104! Cunningham!"; Montevideo, Santa Lucia, 1867, *Gibert 814*, ♀ (K, lectotype, designated by Heiden & Pirani 2012a: 42); Bañado de la Barra de Santa Lucia, *Arechalaveta 4104*, ♀♂ (LP, MVM, syntypes); Montevideo, Santa Lucia, 1867, *Gibert 813*, ♂ (K, syntype); Maldonado, *King 63*, ♂ (K, syntype)
Ic.: Malagarriga 1977: dessin 64
Brazil (RS, SC), Uruguay
Baccharis subgen. *Tarchonanthoides* Heering

105. *Baccharis gilliesii* A. Gray, Proc. Amer. Acad. 5: 123. 1861. Type: Argentina; "Rio Negro, North Patagonia: also gathered by Tweedie, and at Buenos Ayres by Gillies"; Rio Negro, Exploring Expedition, Capt. Wilkes (US!, syntype)
Icma involucrata Phil., *Anales Univ. Chile* 41: 741. 1872. *Baccharis jema* Stuckert ex Heering, *Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 165. 1916.*
Baccharis nana D. Don ex Baker, Fl. bras. (Martius) 6(3): 56. 1882.
Ic.: Cabrera 1963: Fig. 32; Cabrera 1971: Fig. 75; Ariza 1973: Fig. 34; Cabrera 1974: Fig. 160
Argentina
Baccharis subgen. *Baccharis*

Baccharis glabra Spreng., *Syst. veg.* 3: 466. 1826. Type: Uruguay. "Monte Video. Sello" (P, holotype)
= *Eupatorium [s.l.] sp.?*

106. *Baccharis glandulifera* G. L. Nesom, *Phytologia* 68: 32. 1990. Type: Mexico; "Oaxaca: Mpio. Juquila, Puertecillo de Lachoa, km. 180 carretera Oaxaca-Puerto Escondido, pine-oak woods, 2000 m, 14 Apr 1965, Rzedowski 19619 [pistillate]" (TEX, holotype)
Guatemala, Mexico
Baccharis subgen. *Baccharis*

Baccharis glandulosa Greenm., *Proc. Amer. Acad.* 40: 36. 1904. *Hemibaccharis glandulosa* (Greenm.) S. F. Blake, *Contr. U. S. Natl. Herb.* 20: 546. 1924. *Archibaccharis glandulosa* (Greenm.) S. F. Blake, *J. Wash. Acad. Sci.* 17: 60. 1927. *Archibaccharis hieraciifolia* var. *glandulosa* (Greenm.) J. D. Jackson, *Phytologia* 28: 296. 1974. Type: Mexico; "Federal District: Serrania de Ajusco, altitude, 2885 m., 7 December, 1903, C. G. Pringle, no. 8782" (GH, holotype, G!, 2×, HBG!, 2×, M!, 2×, W!, isotypes)
= *Archibaccharis auriculata* (Hemsl.) G. L. Nesom

Baccharis glauca Meyen & Walp., *Nov. Act. Acad. Caes. Leop.-Carol. Nat. Cur.* 18, *Suppl. 1: 263. 1843.* Type: Chile; "Nantacua" (not seen)
= *Tessaria absinthoides* DC. (Malagarriga 1977)

Baccharis glaucescens (Chodat & Hassl.) Soria & Zardini, *Candollea* 46: 539. 1991.
= *Baccharis sessiliflora* Vahl

107. *Baccharis glaziovii* Baker, Fl. bras. (Martius) 6(3): 44. 1882. Type: Brazil; "prope Rio de Janeiro: Glaziou n. 4838! 5900!"; *Glaziou 5900* (P!, lectotype, designated by Malagarriga 1958: 284, K!, isolectotype); *Glaziou 4838* (K!, P!, syntypes)
Ic.: Malagarriga 1977: dessin 122; Heiden & al. 2009a: Fig. 5
Brazil (MG, PR, RG, RJ, RS, SC SP)

Baccharis subgen. *Molina* (Pers.) Heering

108. *Baccharis glomerata* Joch. Müll., Syst. Bot. Monogr. 76: 127. 2006. Type: Bolivia; "La Paz: Prov. Murillo, near the Cerro Cunamani SSE Apana, ca. 4220 m, 16°34'S, 68°01'W, 27 Jul 1999, ♀, Müller 7197" (JE!, holotype, BR!, LPB!, NY!, isotypes)

Ic.: Müller 2006a: Fig. 44

Bolivia (LP)

Baccharis subgen. *Baccharis*

Baccharis glomerulifera D. Dietr., Syn. pl. 4: 1448. 1847 [sphalm. for *Baccharis glomeruliflora* Pers.]

109. *Baccharis glomeruliflora* Pers., Syn. Pl. 2, 423. 1807. *Baccharis sessiliflora* Michx., Fl. bor.-amer. 2: 125. 1803 [non Vahl 1794]. Type: USA; "in sylvis maritimis Carolinae" (not seen)

Baccharis sessiliflora Michx., Fl. bor.-amer. 2: 125. 1803 [non Vahl 1794].

Baccharis glomeruliflora f. *cubensis* Heering, in Urb., Symb. antill. 5: 244. 1907?

Ic.: Malagarriga 1977: dessin 153; Correll & Correll 1982: Fig. 633aa

Bermuda, Cuba?, USA (AL, FL, GE, MI, NC, SC)

Baccharis subgen. *Baccharis*

Baccharis glomeruliflora f. *cubensis* Heering, in Urb., Symb. antill. 5: 244. 1907. Type: Cuba; "prov. Habana ad Batabano, fl. Nov: Van Hermann n. 3969" (not seen)

= *Baccharis glomeruliflora* Pers.?

110. *Baccharis glutinosa* Pers., Syn. pl. 2: 425. 1807. *Molina viscosa* Ruiz & Pav., Syst. veg. 207. 1798. *Baccharis farinosa* Pers. ex Spreng., in Ersch & Gruber, Allg. Encycl. 7: 27. 1821 [nom. superfl.]. *Baccharis viscosa* (Ruiz & Pav.) Kuntze, Rev. gen. 1: 320. 1891 [nom. superfl., non Lam. 1783]. *Pingraea viscosa* (Pers.) F. H. Hellw., Candollea 48: 218. 1993. Type: Chile; "in Regni Chilensis ruderatis et aridis locis ad Conceptionis et Puchacay Provincias" (not located); "*Erigeron amphibium*", Chile, Concepción, Mar 1782, Ruiz & Pavón s.n., ♂ (G!, 2 sheets, neotype, designated by Hellwig 1993, MA!, isoneotype)

Conyza montevidensis Spreng., Syst. veg. 3: 510. 1826. *Baccharis subpingraea* Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 104. 1916.

Pingraea angustifolia Cass., Dict. 41: 58. 1826. *Baccharis angustifolia* (Cass.) Desf., Cat. hort. par., ed. 3: 163. 1829 [non Michx. 1803]

Conyza arguta Less., Linnaea 6, 138. 1831. *Baccharidastrum argutum* (Less.) Cabrera, Not. Mus. La Plata, Bot. 2: 177. 1937.

Conyza triplinervia Less., Linnaea 6: 137. 1831. *Baccharidastrum triplinervium* (Less.) Cabrera, Not. Mus. La Plata, Bot. 2: 177. 1937.

Baccharis breviseta DC., Prodr. 5: 402. 1836

Baccharis douglasii DC., Prodr. 5: 400. 1836

Baccharis haenkei DC., Prodr. 5: 401. 1836

Baccharis medullosa DC., Prodr. 5: 405. 1836.

Baccharis pingraea DC., Prodr. 5: 420. 1836. *Baccharis pingraea* var. *latifolia* DC., Prodr. 5: 420. 1836 [nom. superfl.] *Baccharis serrulata* var. *pingraea* (DC.) Baker, Fl. bras. (Martius) 6(3): 59. 1882. *Baccharis pingraea* f. *latifolia* DC. ex Ariza, Bol. Acad. Nac. Ci. Córdoba 50: 245. 1973 [pro syn.].

Baccharis pingraea var. *angustissima* DC., Prodr. 5: 420. 1836. *Baccharis pingraea* f. *angustissima* (DC.) Cabrera, Rev. Mus. La Plata, N. S., Bot. 17: 131. 1941. *Baccharis glutinosa* var. *angustissima* (DC.) Giuliano, Bol. Soc. Argent. Bot. 46: 166. 2011.

Baccharis serrulata DC., Prodr. 5: 402. 1836 [non (Lam.) Pers. 1807]. *Baccharis pseudoserrulata* Malag., Notulae Syst. 15(3): 290. 1958.

Baccharis huydobriana Remy, in C. Gay, Fl. chil. 4: 90. 1849

Baccharis vulneraria Baker, Fl. bras. (Martius) 6(3): 75. 1882. *Archibaccharis vulneraria* (Baker) Heering ex Malag., Contr. Inst. Geobiol. La Salle 2: 23. 1952.

Baccharis litoralis Phil., Anal. Univ. Chile 87: 699. 1894.

Baccharis longipes var. *angustissima* Phil., Anales Univ. Chile 87: 699. 1894.

Baccharis serrulata var. *subscandens* Kuntze, Rev. gen. 3(2): 134. 1898.

?*Baccharis viscosa* var. *nigricans* Kuntze, Rev. gen. 1: 320. 1891.

Baccharis fontanicola Phil. ex Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 110. 1916

Baccharis medullosa f. *gracilis* Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 103. 1916.

Baccharis medullosa var. *latifolia* Hieron. ex Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 104. 1916.

Baccharis subpingraea f. *borealis* Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 107. 1916.

Baccharis subpingraea f. *ciliatodentata* Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 105. 1916.

Baccharis subpingraea f. *crassifolia* Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 107. 1916.

Baccharis subpingraea f. *crassinervis* Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 105. 1916.

Baccharis subpingraea f. *montevidensis* Heering, Jahrb. Hamb. Wiss. Anst. 31: Beih. 3: 108. 1916.

Baccharis subpingraea f. *nana* Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 106. 1916.

Baccharis subpingraea f. *pseudulicina* Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 106. 1916.

Baccharis subpingraea f. *punctulata* Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 108. 1916.

Baccharidastrum argutum var. *colombianum* Cuatrec., Webbia 24: 232. 1969. *Baccharis breviseta* var. *colombiana* (Cuatrec.) G. L. Nesom

Baccharis stenophylla Ariza, Bol. Acad. Nac. Ci. Córdoba 50: 241. 1973.

Ic.: Baker 1882, Tab. xxiii; Arechalaveta 1907: estampa XLIII; Ferris 1960: Fig. 5664; Cabrera 1963: Fig. 31; Cabrera 1971: Fig. 81; Ariza 1973: Fig. 29, 30; Cabrera 1974: Fig. 156, 157; Barroso 1976: Fig. 14, 15, 17-19 (hairs), 38, 39 (pappus bristles); Malagarriga 1977: dessin 8 (leaf), dessin 13 (leaf), dessin 145 (leaf); Cabrera 1978: Fig. 96, 104; Torrico 1991: Fig. 8; Sundberg 1993: 211; Müller 2006a: Fig. 98

Argentina (BA, CA, CC, CH, CO, CR, ER, FO, ME, MI, NE, SA, SE, SF, SJ, TU), Bolivia (CH, CO, LP, SC, TA), Brazil (BA, ES, MG, MS, MT, PE, PR, RJ, RS, SC, SP), Chile (BI, LL, MA, ME, VA), Colombia, Mexico (BC), Paraguay, Peru (CU), Uruguay, USA (CA, OR)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis glutinosa var. *foliosa* Hass, Trab. Mus. Farmacol. 21: 126. 1909. Type?

=?

Baccharis glutinosa var. *incisa* Heering, Anales Univ. Chile 111: 159. 1903. Type: Chile; "En las mismas provincias [Aconcagua a Concepcion] i en la cordillera de Valdivia (Puyehue)"; Yumbel, Neger s.n. [det. Heering 1901] (M!, syntype)

= *Baccharis salicifolia* (Ruiz & Pav.) Pers.

Baccharis glyceriifolia Sch. Bip. ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 150. 1977. [nom. nud. et non acc.]

=?

111. *Baccharis gnaphalioides* Spreng., Syst. veg. 3: 461. 1826. *Lanugothamnus gnaphalioides* (Spreng.) Deble, Balduinia 37: 13. 2012. Type: "Ad fl. magnum Amer. austr. Sello"; *Sellow d585*; ♂ (P!, holotype, GH!, 2×, K!, 2×, isotypes)

Baccharis radicans DC., Prodr. 5: 416. 1836.

Baccharis psammophila Malme, Kungl. Sv. Vetenskapsakad. Handl. 12(2): 70. 1933.

Ic.: Malme 1933: Tab. 4; Malagarriga 1977: dessin 65 (leaves), dessin 66 (leaves)

Argentina, Brazil (RS, SC), Uruguay

Baccharis subgen. *Tarchonanthoides* Heering

112. *Baccharis gnidiifolia* Kunth, H. B. K., Nov. gen. sp. 4: 61. 1818. *Neomolina gnidiifolia* (Kunth) F. H. Hellw., Candollea 48: 212. 1993. Type: Ecuador; "in scopulosis nobilissimi montis Chimborazo, alt. 1700 hex."; ♂ (P-HBK!, holotype, B-Willd-15590-1!, P, 2×, isotypes)

Baccharis frigida Kunth, H. B. K., Nov. gen. sp. 4: 49. 1818.

Baccharis semiserrata DC., Prodr. 5: 419. 1836 [non 5: 404. 1836]. *Baccharis sternbergiana* Steud., Nomencl. bot., ed. 2, 1: 179. 1840. *Baccharis hemiprionodes* Buek, Ind. gen. spec. 1: x. 1842 [nom. superfl.]

Ic.: Malagarriga 1977: dessin 184 (leaf); Müller 2006a: Fig. 107

Bolivia (LP), Chile (TA), Ecuador (LO, OR), Peru (AM, AN, AY, CA, LA, LI, LL, TA)

Baccharis subgen. *Pteronioides* Heering

Baccharis gouanii (L.) Desf., Tabl. École Bot. 97. 1804. *Erigeron gouanii* L., Mant. pl. altera 469. 1771.

= *Conyza gouanii* (L.) Willd.

113. *Baccharis gracilis* DC., Prodr. 5: 423. 1836. *Neomolina gracilis* (DC.) F. H. Hellw., Candollea 48: 212. 1993. Type: Brazil; "in Brasiliae prov. Sancti-Pauli. ... (v. s. in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 516 miss.)"; ♀ (P!, holotype, G-DC!, fragment, isotype)

Ic.: Barroso 1976: Fig. 29 (hair), Fig. 87

Brazil (DF, GO, MG, PR, RJ, SP), Paraguay

Baccharis subgen. *Pteronioides* Heering

Baccharis gracillima Heering & Dusén, Ark. Bot. 9(15): 28. 1910. Brazil; "z. B. bei Curityba, Serrinha, Rio Guavivora, Villa Velha, Ponta Grossa, Pirahy u. s. w." (not seen)

= *Baccharis pentodonta* Malme (Barroso 1976; Oliveira & Marchiori 2006)

Baccharis granadina Cuatrec., Mutisia 13: 6. 1953. Type: Colombia; "Comisaria del Putumayo: alta cuenca del río de San Antonio del Bordoncillo, 3250 m alt. Collect. 4-I-1941 J. Cuatrecasas 11695, specimen femineum" (F!, holotype, COL!, US!, isotypes)

= *Baccharis klattii* Benoist

114. *Baccharis grandicapitulata* Hieron., Bot. Jahrb. Syst. 36: 481. 1905. Type: Peru; "crescit prope Cutervo (J[elski]. n. 778, m. Aprili 1879, specimen masculum; et n. 773, m. Majo 1879, specimen femineum)"; Jelski 773 (US!, lectotype, designated by Cuatrecasas 1967b: 4)

Gochnatia glutinosa Klatt, Abh. Naturf. Ges. Halle 12: 334. 1882 [non (D. Don) D. Don ex Hook. & Arn. 1835].

Baccharis grandicapitulata var. *subdentata* Hieron., Bot. Jahrb. Syst. 36: 482. 1905?

Ic.: Malagarriga 1977: dessin 315 (leaf)

Peru (AM, AN, CA, PI)

Baccharis subgen. *Baccharis*

Baccharis grandicapitulata var. *subdentata* Hieron., *Bot. Jahrb. Syst.* 36: 482. 1905. Type: Peru; "Tayanga (Paucal Lloitarab) prope Cutervo (J[elski]. n. 774, anno 1879)"; Jelski s.n., ♀ (US!, lectotype, designated by Cuatrecasas 1967)
= *Baccharis grandicapitulata* Hieron.?

115. *Baccharis grandiflora* Kunth, H. B. K., *Nov. gen. sp.* 4: 58. 1818. Type: Ecuador. "in alta planitie Quitensi juxta Mulalo, alt. 1600 hex."; *Humboldt & Bonpland* 3065, ♀♂ (P-HBK!, holotype, B-Willd-15582!, F!, GH!, P!, 4×, isotypes)

Baccharis grandiflora var. *colombiana* Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 82. 1967. *Baccharis grandiflora* subsp. *colombiana* (Cuatrec.) Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 136. 1977.

Baccharis grandiflora var. *crassivestita* Cuatrec., *Mutisia* 17: 10. 1953. *Baccharis grandiflora* subsp. *crassivestita* (Cuatrec.) Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 137. 1977.

Baccharis subgen. *Pteronioides* Heering

Baccharis grandiflora* Kunth subsp. *grandiflora

Baccharis fusca Turcz., *Bull. Soc. Imp. Nat. Mosc.* 1851(2): 67. 1851.

Ic.: Cuatrecasas 1967: Fig. 16 (leaf); Malagarriga 1977: dessin 292 (leaf)

Ecuador (CA, CH, CO, NA, PI)

Baccharis grandiflora var. *colombiana* Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 82. 1967. *Baccharis grandiflora* subsp. *colombiana* (Cuatrec.) Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 136. 1977. Type: Colombia; "Valle: Cordillera Central, vertiente occidental: hoyo del río Bugalagrande, Cuchilla de Barragán entre Las Azules y Las Violetas, 3100 m. alt.; ... 5-IV-46, J. Cuatrecasas 20793"; ♀ (F, holotype, P!, isotype)
= *Baccharis grandiflora* Kunth?

Baccharis grandiflora var. *crassivestita* Cuatrec., *Mutisia* 17: 10. 1953. *Baccharis grandiflora* subsp. *crassivestita* (Cuatrec.) Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 137. 1977. Type: Colombia; "Dep. Narino: entre El Encano y Pasto; bosques residuales entre Páramo del Tábano y Laguna 2900-2700 m alt., colect. 11-I-1941, J. Cuatrecasas 11950" (US!, holotype)
= *Baccharis grandiflora* Kunth?

Baccharis grandiflora* subsp. *faralloensis Cuatrec., *Mutisia* 17: 10. 1953. Type: Colombia; "Dep. Valle: Los Farallones, alto de la Cordillera Occidental, extremo N, entre Alto del Buey y Quebrada de los Ramos 3450-3350 m. alt., colect. 12-X-1944 J. Cuatrecasas 18026" (F, holotype)

Ic.: Cuatrecasas 1967: Fig. 16 (leaf); Cuatrecasas 1969: Fig. 72; Malagarriga 1977: dessin 294 (leaf)

Colombia

Baccharis grandimucronata Malag., *Contr. Inst. Geobiol. Canoas* 8: 38. 1957. Type: Brazil; "Itatiaia (Brasil) - Leg Hemmendorf n.° 651" (R, holotype)
= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.

Baccharis gratissima Blume ex DC., *Prodr.* 5: 447. 1836 [pro syn. for *Conyza appendiculata* Blume]

Baccharis graveolens Sch. Bip., *Bonplandia* 4: 51. 1856. Type: Peru; "St. Antonio in sum. Cordil. rupium fissuris alt. 17,000', Junio 1854: Lechler! n. 1815" (not seen)
= *Loricaria graveolens* (Sch. Bip.) Wedd.

Baccharis grazielae An. S. de Oliveira & Marchiori, *Balduinia* 5: 4. 2005.
= *Baccharis parvidentata* Malag. (Oliveira & al. 2006)

Baccharis grindeliifolia Wedd., *Chlor. and.* 1: 176. 1856. Type: Peru; "Cordillères du département de Cuzco (Gay)"; ♀ (P!, holotype, isotype)
= *Baccharis uniflora* (Ruiz & Pav.) Pers.

Baccharis grisea Baker, *Fl. bras. (Martius)* 6(3): 65. 1882. Type: Brazil. "in prov. Minas Geraes prope Caldas: Regnell III. n. 750"; ♀ (BR!, 2×, US!, isotypes)
= *Baccharis caprariifolia* DC.

116. *Baccharis grisebachii* Hieron., *Bol. Acad. Nac. Ci. Córdoba* 4: 36. 1881. Type: Argentina, Bolivia; "característica de parages bastante elevados (la encontré también en la Sierra de Famatina, cerca de un punto llamado la Encrucijada (aproximativamente 2800 metros sobre el nivel del mar) y cerca del Corral Colorado (aproximativamente 3200 ... metros) y con el Dr. Lorentz en la Cordillera de Jujui entre El Ojo de Agua y la Abra de las Cortaderas y en la Quebrada Honda del territorio de Tarija (aquí una variedad ... El Dr. Echegeray ha recolectado nuestra planta en la Quebrada de Leoncito"; La Incrucijada, 29 Jan & 3 Feb 1879, *Hieronymus & Niederlein s.n.*, ♀♂ (BR!, lectotype, designated by Müller 2006a: 222, FR!, G!, P!, WU-Keck, "isoelectotypes")

Baccharis abietina Kuntze, *Rev. gen.* 3(2): 131. 1898.

Baccharis rosmarinifolia var. *andicola* Hauman, *Anales Soc. Ci. Arg.* 86: 316. 1918.

Ic.: Malagarriga 1977: dessin 79 (leaves); Cabrera 1978: Fig. 100; Müller 2006a: Fig. 84
Argentina (CA, JU, ME, SA), Bolivia (PO, TA)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis grossidentata Heering, *Jahrb. Hamb. Wiss. Anst.* 31, *Beih.* 3: 73. 1916 ["*grossedentata*"]. Type: Argentina; "Tucuman: Dep. Francas, Vipos, 800 m ü. d. M., an Waldrändern (Lillo n. 3941 - 22. Januar 1905, ♂ in Blüte)" (HBG!, holotype)
= *Baccharis darwinii* Hook. & Arn.

Baccharis guascensis Cuatrec., *Trab. Mus. Ci. Nat. Jard. Bot. Madrid* 29: 30. 1935. Type: Colombia; "Cordillera Orientalis Colombiae: montes Guasca dicti: in dumetis, loci Casco del Diablo nominati, ad 2.740 m. alt., 24-VI-32 legi: vulgo chilco (n.o 2914)" (not seen)
= *Baccharis prunifolia* Kunth (Malagarriga 1952; Cuatrecasas 1967, 1969; Malagarriga 1977)

Baccharis guianensis R. H. Schomb., *Reisen Br.-Guiana* 3: 1135. 1848 [nom. nud.] Original material: Guyana; "auf trockener Savanne in der Umgebung von Pirara"; Schomburgk 405, ♂ (P!)
= *Baccharis linearifolia* (Lam.) Pers.

Baccharis haenkei DC., *Prodr.* 5: 401. 1836. Type: Mexico; "circa Real del monte legit cl. Haenke"; ♀ (G-DC!, holotype)
= *Baccharis glutinosa* Pers.

117. *Baccharis haitiensis* Heering, in Urb., *Symb. antill.* 5: 235. 1907. Type: Haiti; "prope Terreneufe. flor. Jun.: Buch n. 102"; ♀ (HBG!, fragment, holotype)
Haiti

Baccharis subgen. *Molina* (Pers.) Heering

118. *Baccharis halimifolia* L., Sp. pl. 860. 1753. *Baccharis cuneifolia* Moench, Meth. pl. 574. 1794 [nom. superfl.] *Conyza halimifolia* (L.) Desf., Tabl. École Bot. 97. 1804. Type: USA; "Virginia ... *Baccharis* foliis obovatis superne emarginato crenatis. Hort. cliff. 405. Gron. virg. 96. Roy. lugdb. 153. *Senecio virginianus* arborescens, atriplicis folio. Raj. hist. 1799. Herm. parad. 225. *Pseudo-Helichrysum virginianum* frutescens, halimi latioris foliis glaucis. Moris. hist. 3. p. 90. f. 7. t. 10. f. 4. *Elichryso* affinis virginiana frutescens, foliis chenopodii glaucis. Pluk. alm. 134. t. 27. f. 2. *Argyracome virginiana*, atriplicis folio. Pet. gaz. t. 7. f. 4" (LINN-992/4!, original specimen?)

Baccharis halimifolia f. *subintegrifolia* Heering, in Urb., Symb. antill. 5: 243. 1907. *Baccharis halimifolia* var. *subintegrifolia* (Heering) Malag., Contr. Inst. Geobiol. La Salle 2: 29. 1952.

Baccharis subgen. *Baccharis*

Baccharis halimifolia* L. var. *halimifolia

Ic.: Gleason 1952; Radford & al. 1968; Malagarriga 1977: dessin 283 (leaves)

Bahamas, Canada, Mexico (NL, SL, TA, VE), USA (AL, AR, CO, DE, FL, GE, LO, MA, MD, MI, NJ, NY, OK, PE, RI, SC, TX, VI), introduced in the Old World

***Baccharis halimifolia* var. *angustior* DC.**, Prodr. 5: 412. 1836. *Baccharis angustior* (DC.) Britton ex Malag., Contr. Inst. Geobiol. La Salle Canoas 2: 29. 1952.. Type: "in insulâ Cubâ circa Havanam (v. s. comm. à cl. Ramon de la Sagra)"; No 22, La Havanna, m. Ramon de la Sagra Feb 1829, ♀ (G-DC!, 2×, syntype); No 378, m. Ramon de la Sagra 1831, ♂ (G-DC!, syntype)

Ic.: Malagarriga 1977: dessin 154 (leaves)

Cuba

Baccharis halimifolia f. *subintegrifolia* Heering, in Urb., Symb. antill. 5: 243. 1907. *Baccharis halimifolia* var. *subintegrifolia* (Heering) Malag., Contr. Inst. Geobiol. La Salle 2: 29. 1952. Type: "Cult. in Jamaica in Castleton Gardens: Harris n. 8421 ♀. - *Huc spectat specimen a cl. Ravn ad Norfolk in Virginia coll. (not seen)*

= *Baccharis halimifolia* L.

Baccharis halimimorpha DC., Prodr. 5: 411. 1836. Type: Brazil; "circa Bahiam"; Apr 1831, Lhotsky s.n., ♂ (G-DC!, holotype)

= *Baccharis retusa* DC. s.l.

119. *Baccharis hambatensis* Kunth, H. B. K., Nov. gen. sp. 4: 62. 1818. Type: Ecuador; "in temperatis Regni Quitensis, locis aridis, juxta Hambato, alt. 1390 hex."; *Humboldt & Bonpland* 3131, ♂ (P-HBK!, holotype. B-Willd-15581!, P!, isotypes)

Ecuador (CH, TU)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis hassleri Heering ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 151. 1977. [nom. nud.]

= ?

Baccharis hassleriana Malag., Mem. Soc. Ci. Nat. La Salle 37: 134. 1977. Type: Paraguay; "Leg. E. Hassler No. 1937 in campo prope Sapucary (Paraguay)" (P!, holotype)

= *Baccharis frenguelli* Cabrera (Giuliano & Ariza Espinar 1999)

Baccharis havardii A. Gray, *Syn. fl. North Amer., Gamopet.* 224. 1886. Type: USA; "Guadelupe Mountains, western borders of Texas, Havard"; ♂ (US!, isotype)
= *Baccharis sulcata* (Nesom 1998)

Baccharis heeringiana Malag., *Contr. Inst. Geobiol. La Salle* 3: 6. 1954 ["heeringeana"]. Type: Brazil; São Paulo, Campo Cogonhas, 23 Mar 1946, ♀, HOEHNE 1948 (RB, syntype); Cidade Jardim, 20 Mar 1946, ♀, HOEHNE 1953 (RB, syntype); Campo Cogonhas, 23 Mar 1946, ♂, HOEHNE 1957 (RB, syntype); Cidade Jardim, 20 Mar 1946, ♂, HOEHNE 1959 (RB, syntype).
= *Baccharis sagittalis* (Less.) DC.

Baccharis helianthemifolia Willd. ex Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 151. 1977. [pro syn. *Baccharis phyllicoides* Kunth]

120. *Baccharis helichrysoides* DC., *Prodr.* 5: 415. 1836. *Lanugothamnus helichrysoides* (DC.) Deble, *Balduinia* 37: 12. 2012. Type: Brazil; "in Brasiliae prov. Rio-Grande et Sancti-Pauli. ... (v. s. ... in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 811 et 492 miss.)"; Rio Grande do Sul, *Sellow 2013* = *M. I. B. 811*, ♀♂ (P!, lectotype, designated by Malagarriga 1958: 284, G-DC!, K!, isolectotypes); São Paulo, *Sellow s.n.* = *M. I. B. 492*, ♀ (P!, syntype); probable syntypes Brazil, *Sellow s.n.* (G!, 2×, GH!, W!)

Baccharis polyantha Spreng., *Syst. veg.* 3: 464. 1826 [non Kunth 1818].

Baccharis lanuginosa Gardner, *London J. Bot.* 7: 82. 1848.

Ic.: Baker 1882, Tab. xxi; Malagarriga 1954 (leaf); Barroso 1976: Fig. 7, 11 (hairs); Malagarriga 1977: dessin 63 (leaves)

Argentina, Brazil (MG, PR, RJ, RS, SC, SP), Paraguay, Uruguay

Baccharis subgen. *Tarchonanthoides* Heering

Baccharis helichrysoides var. *leucopappa* (DC.) Baker, *Fl. bras. (Martius)* 6(3): 51. 1882.
≡ *Baccharis leucopappa* DC.

Baccharis hemiprionodes Buek, *Ind. gen. spec. 1: x.* 1842 [nom. superfl.]

= *Baccharis gnidiifolia* Knuth

121. *Baccharis hemiptera* G. Heiden & A. A. Schneid., *Candollea* 66: 338. 2011. Type: Brazil; Espirito Santo/Minas Gerais, Parque Nacional do Caparaó, 25 Sep 1941, Brade 17017, ♂ (RB, holotype, JE, isotype)

Ic.: Heiden & Schneider 2011: Fig. 1

Brazil (ES, MG)

Baccharis subgen. *Molina* (Pers.) Heering

122. *Baccharis heterophylla* Kunth, H. B. K., *Nov. gen. sp.* 4: 62. 1818. Type: Mexico; "in convallibus Mexicanis prope Guanaxuato et fodinam Valencianae, alt. 1200 hex."; ♀♂ (P-HBK!, 2 sheets, holotype, B-Wildd-15579!, P!, 2×, isotypes)

Baccharis cuneata DC., *Prodr.* 5: 408. 1836.

Baccharis spathulata S. Schauer, *Linnaea* 19: 724. 1847.

Ic.: Matuda 1957: Fig. 22-23; Malagarriga 1977: dessin 262 (leaves); McVaugh 1984: Fig. 13 Mexico

Baccharis subgen. *Baccharis*

Baccharis heterothalamoides Britton, *Bull. Torrey Bot. Club* 19: 4. 1892. Type: Bolivia; "Yungas, 4000 ft. ([Rusby] 1709)" (NY!, holotype)

= *Baccharis darwinii* Hook. & Arn.

Baccharis hieraciifolia Lam., *Encycl. 1*: 346. 1783 [nom. superfl.]. *Erigeron gouanii* L., *Mant.* 469: 1767. Type: not designated (LINN-994/22!, original specimen?)
= *Conyza gouanii* (L.) Willd.

Baccharis hieraciifolia Hemsl., *Biol. centr.-amer., bot.* 2: 129. 1881-1882 [non Lam. 1783].
Archibaccharis hieraciifolia Heering, *Jahrb. Hamb. Wiss. Anst.* 21, *Beih.* 3: 40. 1906.
Hemibaccharis hieracioides S. F. Blake, *Contr. U. S. Natl. Herb.* 20: 547. 1924 [nom. superfl.].
Archibaccharis hieracioides S. F. Blake, *J. Wash. Acad. Sci.* 17: 60. 1927 [nom. superfl.].
Archibaccharis hieraciifolia var. *hieracioides* J. D. Jackson, *Phytologia* 28: 296. 1974 [nom. superfl.]. Type: Mexico; "South Mexico, Desierto Viejo, valley of Mexico (Bourgeau, 951, 1230)"; Bourgeau 1230 (K, lectotype, designated by Jackson 1975: 112, G!, isolectotype)
= *Archibaccharis auriculata* (Hemsl.) G. L. Nesom

123. *Baccharis hieronymi* Heering, *Jahrb. Hamb. Wiss. Anst.* 21, *Beih.* 3: 34. 1904.
Baccharis spicata Hieron., *Bot. Jahrb. Syst.* 28: 590. 1901 [non (Lam.) Baill. 1880].
Baccharis pseudospicata Malag., *Contr. Inst. Geobiol. La Salle* 2: 46. 1952 [nom. superfl.]
Type: Ecuador; "crescit in fruticetis regionis supremae silvarum in montibus juxta Pindilic, Andium orientalium dittonis urbis Cuenca, alt. s. m. 3000-2500 m, mense Novembri et Decembri florens (L.[ehmann] n. 5694)"; ♀ (B!, holotype, destroyed, K!, lectotype, designated by Cuatrecasas 1967, isotype)
Ecuador (AZ, CN, MS)
Baccharis subgen. *Baccharis*

124. *Baccharis hirta* DC., *Prodr.* 5: 405. 1836. Type: Brazil; "in Brasiliae prov. Rio-Grande"; "in h. Mus. reg. Par. à Mus. imp. Bras. sub. n. 833 et 967 miss."; *Sellow d602* = *M. I. B.* 967, ♀ (P!, ex Mus. Bot. Berol., lectotype, designated by Malagarriga 1958: 284, G-DC, P, isolectotypes); *Sellow d384* = *M. I. B.* 833, ♀ (P!, syntype)
Aster pohlii Baker, *Fl. bras. (Martius)* 6(3): 23. 1882. *Baccharidiopsis pohlii* (Baker) G. M. Barroso, *Sellowia* 27: 95. 1975. *Baccharis pohlii* (Baker) Deble & An. S. de Oliveira, *Balduinia* 9: 23. 2006. [= *Baccharis hirta* DC. s.l.]
Brazil (MG, PR, RS, SC, SP), Uruguay
Baccharis subgen. *Pteronioides* Heering

Baccharis hirtella DC., *Prodr.* 5: 418. 1836. *Archibaccharis hirtella* (DC.) Heering, *Jahrb. Hamb. Wiss. Anst.* 21, *Beih.* 3: 41. 1906. *Hemibaccharis hirtella* (DC.) S. F. Blake, *Contr. U. S. Natl. Herb.* 20: 549. 1924. Type: Mexico; "inter Mexicanas herb. Haenkeani vidi" (G-DC!, holotype)
≡ *Archibaccharis hirtella* (DC.) Heering

Baccharis hoehneana Malag., *Contr. Inst. Geobiol. La Salle* 3: 5. 1954. Type: Brazil; "2286 (IV) ... (IV)"; São Paulo, via Anhaguera, 11 Apr 1949, Hoehne 2286 (RB, lectotype, designated by Heiden & al. 2010: 41, G!, isolectotype)
= *Baccharis linearifolia* (Lam.) DC.

Baccharis hohenackeri Sch. Bip. ex Reiche, *Anales Univ. Chile* 111. 177. 1903 [pro syn. *Baccharis elaeoides* Remy]

Baccharis holmbergii Hicken, *Bol. Soc. Physis* 1: 440. 1915. Type: Argentina; not designated in the protologue; Nahuel Huapi, Río Machete, Jan-Feb 1914, M Rothkugel 53, ♂ (SI!, holotype)

= *Baccharis linearis* (Ruiz & Pav.) Pers.?

Baccharis hookeriana DC., *Prodr.* 5: 414. 1836.

≡ *Haplopappus hookerianus* (DC.) A. Gray

125. *Baccharis huairacajensis* Hieron., *Bot. Jahrb. Syst.* 28: 589. 1901. Type: Ecuador; "in fruticetis apertis in Páramo de Huaira-caja, montium centralium in prov. Cuenca, alt. s. m. 3000-3500, mense Octobri et Novembri florens (L.[ehmann] n. 5692)"; ♀ (B!, holotype, destroyed, K!, lectotype, designated by Cuatrecasas 1967)

Ecuador (AZ, CH, CN, CO, LO)

Baccharis subgen. *Pteronioides* Heering

126. *Baccharis humifusa* Kunth, H. B. K., *Nov. gen. sp.* 4: 48. 1818. Type: Ecuador. "in radicibus montis Pichincha et Antisanae, alt. 1500 hex. (Regno Quitensi)"; *Humboldt & Bonpland* 2241, ♀♂ (P-HBK!, holotype, B-Willd-15566!, P!, 3×, isotypes)

Ic.: Malagarriga 1977: dessin 199 (leaf)

Ecuador (AZ, BO, CH, CN, CO, IM, NA, PA, PI, TU)

Baccharis subgen. *Baccharis*

Baccharis humifusa Banks & Sol. ex Hook. f., *Fl. antarct.* 2: 311. 1846 [pro syn. *Melalema humifusa* Hook. & Arn.]

Baccharis humilis Sch. Bip. ex Baker, *Fl. bras. (Martius)* 6(3): 92. 1882. Type: "in campis Brasiliae centralis; e. gr. in prov. Minas Geraes ad Lagoa Santa: Warming!; in campis nuperrimae erematis prov. Goyaz: Riedel; inter Diamantina et Veraba legitima: Burchell n. 5758!; in campis nuper udis ad Santa Anna: Lund!; praetera: Sello n. 1969! Pohl n. 441!"; in campis ubique Pr. Goyaz et Minas, Aug 1834, Riedel 521, ♀♂ (P!, syntype); in campis nuper erematis Pr. Goyaz et Minas ubique, Aug. 1834, Riedel 69, ♂ (P!, syntype); inter Paracatú - S. Anna, Lund s.n., ♀ (P!, syntype); Pohl 378=441, ♀♂ (W!, syntype); Warming s.n., ♀ (P!, syntype)

= *Baccharis linearifolia* (Lam.) Pers.

Baccharis humilis var. *geehrtii* Toledo ex Malag., *Contr. Inst. Gebiol. La Salle* 2: 31. 1952 [nom. nud.]. Original material?

= *Baccharis linearifolia* (Lam.) Pers.?

127. *Baccharis hutchisonii* Cuatrec., *Caldasia* 10: 25. 1967. Type: Peru; "Cajamarca, Celedín: Celedín circa 4 km. from town on road to Balsas region of first creek crossing stone bridge) in hills south of town, rocky slopes. ..., 19-V-1964, P. C. Hutchison & J. K. Wright"; ♀♂ (US, holotype, K!, P!, UC!, isotypes)

Peru (CA)

Baccharis subgen. *Pteronioides* Heering

Baccharis huydobriana Remy, in C. Gay, *Fl. chil.* 4: 90. 1849. Type: Chile; "Se cria en las provincias centrales"; 1828-1834, Gay 265, ♂ (P, WU!); St.-Jago, Gay s.n., ♀♂ (GH!)

= *Baccharis glutinosa* Pers.

128. *Baccharis hyemalis* Deble, *Balduinia* 9: 20. 2006. *Heterothalamus rupestris* Deble, An. S. de Oliveira & Marchiori, *Ci. Flor.* 13(2): 1. 2003. Type: Brazil; Rio Grande do Sul; "Cacapava do Sul, Guaritas, em afloramento rochoso"; 12-VII-2003; Deble & Oliveira 499 (SI, holotype, PACA, isotype)

Ic.: Deble & al. 2003: Fig. 1-2

Brazil (RS)

Baccharis subgen. *Molina* (Pers.) Heering

129. *Baccharis hypericifolia* Baker, Fl. bras. (Martius) 6(3): 69. 1882. Type: Brazil; "in Brasilia australi: Sello n. 1176! 1838!"; *Sellow d1838* (GH!, fragment, syntype)

Ic.: Oliveira & Marchiori 2006b: Fig. 3f-j

Brazil (RS)

Baccharis subgen. *Baccharis*

Baccharis hyssopifolia E. Mey. ex DC., Prodr. 5: 323. 1836 [pro syn. *Nidorella hyssopifolia* DC.]

Baccharis ibaguensis Cuatrec., Trab. Mus. Ci. Nat. Jard. Bot. Madrid 29: 32. 1935. Type: Colombia; "Cordillera Centralis Colombiae: in silva ad Ibagué, ad 1.300 m. s. m., 8-5-32 legi (n.o 2913)" (MA!, holotype)

= *Baccharis pedunculata* (Mill.) Cabrera

Baccharis ibitensis Toledo ex Handro, Arq. Bot. Est. S. Paulo, N. S. 3: 67. 1953. Type: Brazil; "Moysés Kuhlmann 1032, Estado do Sao Paulo: Mun. de Amparo, Monte Alegre ..., encosta do Pico da Serra Negra (1200 m. alt.), 30/8/1943" (SP, holotype, RB, isotype)

= *Baccharis tarchonanthoides* DC. (Barroso 1976)

130. *Baccharis ibitipocensis* Deble, Balduinia 17: 1. 2009. Type: Brazil; Minas Gerais, Serra de Ibitipoca, 1550-1630 m, 30 Sep 1970, *Sucre & al.* 7210 (MBM, holotype, NY!, RB, isotypes).

Brazil

Baccharis oblongifolia group

Baccharis icma Stuckert ex Cabrera, Rev. Mus. La Plata, N. S., Bot. 17: 122. 1941 [sphalm. for *Baccharis jema* Stuckert ex Heering]

Baccharis ilicifolia Lam., Encycl. 1: 345. 1783. Type: South Africa. "Cap de Bonne-Espérance, & nous a été communiquée par M. Sonnerat" (not seen)

≡ *Brachylaena ilicifolia* (Lam.) Phillips & Schweick., Bothalia 3: 212. 1937

Baccharis ilinissae Benth., Pl. hartweg. 202. 1845. Type: Ecuador; "In arena propter nives aeternas in monte Ilinissa" (not seen)

= *Loricaria ferruginea* (Ruiz & Pav.) Wedd. (Dillon & Hensold 1993)

131. *Baccharis illinita* DC., Prodr. 5: 412. 1836. Type: Brazil; "in Brasiliae prov. Sancti-Pauli. ... (v. s. ... in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 502 miss.)"; *Sellow s.n.*, ♀ (P!, holotype, G-DC!, fragment, isotype)

Ic.: Malagarriga 1954 (leaf); Malagarriga 1977: dessin 98 (leaf)

Brazil, Paraguay

Baccharis subgen. *Baccharis*

132. *Baccharis illinitoides* Malag., Mem. Soc. Ci. Nat. La Salle 37: 138. 1977. Type: Paraguay; "Leg. T. Rojas custos herbarii E. Hassler No. 10392a. in altiplanitie et declivibus Sierra de Amambay" (P, holotype)

Paraguay

Baccharis subgen. *Baccharis*

Baccharis imbricata Malag. & Vidal, *Contr. Inst. Geobiol. Canoas* 8: 37. 1957. Type: Brazil; "Caparaó (Brasil). - Leg Bruno Lobo (XI-1922)" (R!, holotype)
= *Baccharis stylosa* Gardner

Baccharis inamoena Gardner, *London J. Bot.* 7: 81. 1848. *Pseudobaccharis inamoena* (Gardner) Malag., *Contr. Inst. Geobiol. La Salle* 2: 47. 1952. Type: Brazil. "4918.1". "In dry Campos near Morro Velho, Province of Minas Geraes. Sept., 1840"; ♂ (G!, P!, W!, 2×, isotypes)
= *Baccharis rufidula* (Spreng.) Joch. Müll.

Baccharis incaica Cuatrec. ex Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 152. 1977 [nom. nud.]
= *Baccharis papillosa* Rusby

Baccharis incarum var. *integrifolia* Cuatrec., *Caldasia* 10: 6. 1967 [nom. inval., Art. 32.5, Art. 34.1, "based" on *Baccharis microphylla* var. *integrifolia* Wedd. ex Sch. Bip.]

Baccharis incarum var. *lejia* (Phil.) Cabrera, *Rev. Invest. Agric.* 11: 403. 1957.
= *Baccharis tola* Phil. *subsp. tola* (Cabrera 1978, Hellwig 1990)

Baccharis incarum f. *prostrata* Cuatrec., *Caldasia* 10: 8. 1967. Type: Bolivia; "prov. Laracaja, vicin. Sorata prope Ancohumá, 3900 m. alt. IV-1860, Mandon 192 (part.)"; ♀ (P-218285!, lectotype, designated by Müller 2006a: 83, P-218286!, P-218287!, W!, isotypes)
= *Baccharis caespitosa* (Ruiz & Pav.) Pers. *subsp. caespitosa*

Baccharis incarum f. *spathulata* (Wedd.) Cuatrec., *Caldasia* 10: 8. 1967.
= *Baccharis caespitosa* (Ruiz & Pav.) Pers. *subsp. caespitosa*

133. *Baccharis incisa* Hook. & Arn., *J. Bot.* 3: 29. 1841. Type: Uruguay; "Uruguay. Baird" (not seen)

Baccharis axillaris var. *acutiloba* DC., *Prodr.* 5: 407. 1836.

Baccharis axillaris var. *dentata* DC., *Prodr.* 5: 407. 1836. *Baccharis incisa* var. *dentata* (DC.) Baker, *Fl. bras. (Martius)* 6(3): 88. 1882.

Ic.: Baker 1882, Tab. xxx; Malagarriga 1954 (leaf); Barroso 1976: Fig. 76 (leaf); Malagarriga 1977: dessin 94 (leaves); Oliveira & Marchiori 2006b: Fig. 6

Brazil (PR, RS, SC, SP), Uruguay

Baccharis subgen. *Baccharis*

Baccharis indica L., *Sp. pl.* 861. 1753. Type: India; "India. Braad. ad Cap. b. Spei ... *Baccharis foliis obovatis denticulatis petiolatis, Eupatorio affinis planta zeylanica, foliis ulmi. Breyn. cent. s. 70*" (LINN-992/8!, original specimen?)
= *Pluchea indica* (L.) Less.

134. *Baccharis inexpectata* Deble & An. S. de Oliveira, *Bonplandia* 17: 16. 2008. Type: Brazil; "Rio Grande do Sul: Rosário do Sul, Serra do Caverá, Cerro Grande, 30°11'49.3"S-55°8'10.4"W, população próximo ao topo, exemplar ♀, 01-V-2007, L. P. Deble & A. S. de Oliveira-Deble 9344"" (MBM, holotype)

Ic.: Oliveira & Deble 2008: Fig. 2

Brazil (RS)

Baccharis subgen. *Baccharis*

Baccharis intermedia DC., *Prodr.* 5: 411. 1836. Type: Chile; "in Chili circa Valparaiso (Gaud.!), in fruticetis collium (Bert.!)"; Valparaiso, 1834, Gaudichaud 142 (G-DC!)

lectotype, designated by Hellwig 1990); in fruticetis collium Valparaiso, Jun 1829, Bertero 835 (G-DC!, syntype)

= *Baccharis linearis* × *macraei*

135. *Baccharis intermixta* Gardner, London J. Bot. 7: 84. 1848. Type: Brazil; "4910" "Bushy places near Cocaes, Province of Minas Geraes. Aug., 1840" (not seen)

Ic.: Malagarriga 1977: dessin 35 (leaf)

Brazil (BA, MG, PR, RJ, RS, SC, SP)

Baccharis subgen. *Baccharis*

Baccharis involucrata Phil., *Anales Univ. Chile* 87: 707. 1894. Type: Chile, "varios frutices masculinos prope Curanilahue in Araucania inveni, nullum femineum" (not seen)

= *Baccharis rhomboidalis* Remy (Reiche 1905; Cabrera 1971; Malagarriga 1977; Hellwig 1990; Giuliano & Ariza Espinar 1999; Giuliano 2000)

Baccharis involucrata (Phil.) Malag., *Contr. Inst. Geobiol. La Salle Canoas* 2: 25. 1952 [non Phil. 1894, pro syn. *Baccharis jema* Stuckert ex Heering]

Baccharis iresinoides Kunth, H. B. K., *Nov. gen. sp.* 4: 63, 1818. Type: "in calidis Provinciae Bracamorensis juxta Passo de Matara, alt. 430 hex."; ♂ (P-HBK!, holotype, P!, fragment, isotype)

= *Baccharis salicifolia* (Ruiz & Pav.) Pers. *subsp. salicifolia*

Baccharis isabelae Soria & Zardini, *Candollea* 46: 537. 1991. Type: Paraguay; "Cordillera: "Altos camino a Bernal Cué", 23.VII.1990, Soria & Ortiz 4247" (FCQ, holotype, SI!, isotype)

= *Baccharis tridentata* Vahl

136. *Baccharis itapiroensis* A. S. Oliveira & Deble, *Bonplandia (Corrientes)* 20: 25. 2011. Type: Brazil; Paraná, Campina Grande do Sul, pico Itapiroca, 1450 m, 16 Dec 2009, *Deble & Oliveira-Deble 12015* (CTES, holotype, SI, isotype).

Brazil

Baccharis subgen. *Baccharis*

137. *Baccharis itatiaiae* Wawra, in Beck, *Itin. princ. s. coburgi* 2: 28. 1888. Type: Brazil; "Plateau des Itatiaia, am Fusse des Kegels; scheint selten zu sein. Coll. II 408"; ♂ (W!, holotype)

Brazil (MG, RJ)

Baccharis subgen. *Baccharis*

Baccharis ivifolia L., *Sp. pl.* 860. 1753 ["ivaefolia"]. *Molina striata* Ruiz & Pav., *Syst. veg.* 207. 1798 [nom. superfl.]. Type: "Virginia, Peru ... *Baccharis foliis lanceolatis, longitudinaliter dentato-serratis. Hort. cliff. 404. Roy. lugdb. 152. Conyza frutescens, foliis angustioribus nervosis. Few. peruv. 750. t. 37. Eupatorium africanum, agerato affinis peruviana, floribus albis. Pluk. alm. 400. t. 328. f. 2. Pseudo-Helichrysum frutescens peruvianum foliis longis serratis. Moris. hist. 3. p. 90" (LINN-992/1!, original specimen?)*

≡ *Conyza ivifolia* (L.) Less.

Baccharis jelskii Hieron., *Bot. Jahrb. Syst.* 29: 24. 1900

= *Baccharis decussata* *subsp. jelskii* (Hieron.) Joch. Müll.

Baccharis jelskii var. *cladotricha* Cuatrec., *Mutisia* 17: 11. 1953. Type: Colombia; "Dep. Valle: filo de la Cordillera Occidental, en Las Brisas: monte El Tabor, 1970-2100 m. ... Colect. 19-X-1946, J. Cuatrecasas 22269"; ♀ (F, holotype, P!, isotype)
= *Baccharis decussata* subsp. *jelskii* (Hieron.) Joch. Müll.

Baccharis jelskii var. *xanthopappa* Cuatrec., *Mutisia* 17: 11. 1953 ["xanthopappus"].
Baccharis jelskii f. *xanthopappa* (Cuatrec.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 47. 1967. Type: Colombia; "Com. Putumayo: Sibundoy, hill north of valley, 2220-2270 m. alt. Collect. 28-V-1946 R. E. Schultes & M. Villareal 7494" (F, holotype)
= *Baccharis decussata* subsp. *jelskii* (Hieron.) Joch. Müll.

Baccharis jema Sturckert ex Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 165. 1916. *Icma involucrata* Phil., *Anales Univ. Chile* 41: 741. 1872. Type: Argentina; "en la provincia de Mendoza"; Philippi s.n., ♀ (W!, isotype)
= *Baccharis gilliesii* Hook. & Arn.

138. *Baccharis jocheniana* G. Heiden & Macias, *Novon* 18: 178. 2008. Type: Brazil; "Rio Grande do Sul: São Lourenço do Sul, Passo do Coqueiro, Mar. 2006 (♀), G. Heiden 650" (PEL, holotype, MO, isotype)
Ic.: Heiden & al. 2008: Fig. 1
Brazil (RS)
Baccharis subgen. *Molina* (Pers.) Heering?

139. *Baccharis johnwurdackiana* H. Rob., *BioLlania*, Ed. Esp. 6: 506. 1997. Type: Peru; "Cuzco: Paucartambo, Qolatambo, Challabamba, Parque Nacional Manu, alt. 3950 m, pendiente, 45, ladera rocoso-pedregosa con arbustos, arbusto 1.5 m, escaso, tubo de corola verde, lóbulos púrpuras, 11 Sep. 1990, Asunción Cano E. 4322"; ♂ (US, holotype)
Peru
distinct species of unclear affinities

Baccharis jordaniana Malag. ex G. M- Barroso, *Rodriguésia* 28(40): 121. 1976 [pro syn. *Baccharis oxyodonta* DC.]

140. *Baccharis juncea* (Cass.) Desf., *Cat. hort. Paris*, ed. 3: 163. 1829. *Arrhenachne juncea* Cass., in Cuvier, *Dict. sci. nat.* 52: 254. 1828. Type: "échantillons secs de l'herbier de M. Desfontaines, provenant d'individus cultivés dans les serres du Jardin du Roi, et qu'on croit originaires du Sénégal" (not seen)
Baccharis juncea group

Baccharis juncea (Cass.) Desf. subsp. ***juncea***

Ic.: Baker 1882, Tab. xxii; Arechalaveta 1907: Estampa XLII; Cabrera 1963: Fig. 31; Ariza 1973: Fig. 33; Cabrera 1971: Fig. 73; Cabrera 1974: Fig. 159; Cabrera 1978: Fig. 99; Torricco 1991: Fig. 6

Stephananthus junceus Lehm., *Sem. horto bot. hamb.* 18. 1826.

Baccharis subulata D. Don ex Hook. & Arn., *J. Bot.* 3: 39. 1841.

Argentina (BA, CA, JU, LR, ME), Chile (AN, ME, TA), Uruguay

Baccharis juncea* subsp. *clavata Joch. Müll., *Syst. Bot. Monogr.* 76: 284. 2006. Type: Bolivia; "Tarija: Prov. Avilez, upper Río Rosario near Rosario, ca. 3700 m, 21°55'S, 65°07'W, 27 Feb 2002, ♀ and ♂, Müller 9212" (JE!, holotype, BR!, G!, GH!, HBG!, LPB!, MICH!, MO!, NY!, P!, isotypes)

Ic.: Müller 2006a: Fig. 112

Argentina (CA, JU, SA), Bolivia (CO, LP, OR, PO, TA), Peru (CU)

141. *Baccharis junciformis* DC., Prodr. 5: 426. 1836. *Molina juncea* Less., Linnaea 6: 145 [non *Baccharis juncea* (Cass.) Desf. 1829]. 1831. Type: Brazil; "Sellow in Brasilia" (HBG!, fragment, isotype)

Baccharis junciformis var. *triptera* Baker, Fl. bras. (Martius) 6(3): 43. 1882.

Baccharis usterii Heering, in Usteri, Fl. Stadt S. Paulo 259. 1911.

Baccharis trimeroides Malme, Ark. Bot. 24A(6): 51. 1931.

Baccharis cordata Malag., Contr. Inst. Geobiol. Canoas 8: 37-38. 1957.

Ic.: Malagarriga 1977: dessin 123; Heiden & al. 2009a: Fig. 3

Brazil (ES, MG, PR, RJ, RS, SC, SP)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis junciformis var. *triptera* Baker, Fl. bras. (Martius) 6(3): 43. 1882. Type: Brazil. "in prov. Minas Geraes: Warming!" (not seen)

= *Baccharis junciformis* (Less.) DC. (Heiden 2009)

Baccharis karstenii Sch. Bip. ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 153. 1977 [pro syn. *Baccharis genistelloides* (Lam.) Pers.]

Baccharis kellermanii Greenm., Field Columb. Mus. Publ., Bot. Ser. 2: 267. 1907. Type: Guatemala; "Department of Solala: Volcano of Atitlan, 16 February, 1906, W. A. Kellerman, no. 5356"; ♀ (F, holotype, G!, fragment, isotype)

= *Baccharis serrifolia* DC.

Baccharis kingii Cuatrec., Phytologia 52: 166. 1982. Type: Peru; "Ancash, along highway #3 ca. 6 km N of Carhuaz, 2200 m alt. Shrub up to 1 m, flowers cream-colored, ♂, 10 Jan 1982 R.M.King & G.L.Collins 9028" (US!, holotype)

= *Baccharis spartea* Benth.

142. *Baccharis klattii* Benoist, Bull. Soc. Bot. France 91: 192. 1944. *Baccharis polyphylla* Klatt, Ann. K. K. Naturhist. Hofmus. 9: 359. 1894 [non Gardner 1841]. *Baccharis pseudopolyphylla* Malag., Contr. Inst. Geobiol. La Salle 2: 46. 1952 [nom. superfl.] Type: Ecuador; "Hab.: Ecuador, leg. Jameson"; ♀♂ (W!, holotype, GH!, NY, P!, isotypes)

Baccharis granadina Cuatrec., Mutisia 13: 6. 1953.

Ic.: Cuatrecasas 1967: Fig. 14, Fig. 16 (leaves); Cuatrecasas 1969: Fig. 70, 72; Malagarriga 1977: dessins 288, 290 (leaves)

Colombia, Ecuador (CA, IM, NA, PI)

Baccharis subgen. *Pteronioides* Heering

Baccharis krausei Heering, Anales Univ. Chile 111: 159. 1903. Type: Chile; "En las mismas localidades como Núm. 4 [Concepcion hasta Chiloé]"; Krause 199 (HBG!, syntype); Krause 200 (HBG!, syntype); ca. 1859, Krause s.n. (HBG!, syntype)

= *Baccharis salicifolia* (Ruiz & Pav.) Pers. s.l., hybrid?

Baccharis kuntzeana Malag., Contrib. Inst. Geobiol. La Salle 2: 46. 1952

= *Baccharis papillosa* Rusby subsp. *papillosa*

143. *Baccharis kurtziana* Ariza, Kurtziana 6, 69. 1971. Type: Argentina; "Prov. La Rioja: Dpto. Famatina: Sierra de Famatina, en las cercanías de Los Corrales, Hieronymus et Niederlein 634, 7-II-1879" (CORD, holotype, G!, isotype)

Ic. Ariza Espinar 1971: Fig. 1

Argentina

Baccharis subgen. *Baccharis*

Baccharis lacrymans Mart. ex Baker, *Fl. bras. (Martius)* 6(3): 94. 1882 [pro syn. *Baccharis retusa* DC.]

Baccharis laevis (Lour.) Spreng., *Syst. veg.* 3: 466. 1826. *Placus laevis* Lour., *Fl. cochinch.* 497. 1790. Type: "Cochinchina"
=??

Baccharis lanceolata Kunth, *H. B. K., Nov. gen. sp.* 4: 63, 1818. Type: Peru; "in litore Oceani Pacifici prope Santa Peruvianorum"; Humboldt & Bonpland 3757, ♀♂ (P-HBK!, holotype, B-Willd-15588-2!, F!, GH!, P!, isotypes)
= *Baccharis salicifolia* (Ruiz & Pav.) Pers. *subsp. salicifolia*

Baccharis lanceolata Steyerl., *Fieldiana, Bot.* 28: 626. 1953 [sphalm. for *Baccharis oblanceolata* Rusby]

Baccharis lanceolata var. *fevillei* (DC.) Hieron. ex Cuatrec., *Anales Univ. Madrid (Ci.)* 4: 210. 1935
= *Baccharis salicifolia* (Ruiz & Pav.) Pers.

Baccharis lancifolia Less., *Linnaea* 9: 266. 1834. Type: Mexico; "In regione Jalapensi" Schiede s.n., ♀ (HAL!, P!, 2×, isotypes)
= *Baccharis conferta* Kunth

Baccharis lanuginosa Gardner, *London J. Bot.* 7: 82. 1848. Type: Brazil. "4900,1". "Dry bushy places between Villa do Principe and Cocaes, Province of Minas Geraes. Aug., 1840" (BM, holotype)
= *Baccharis helichrysoides* DC. (Baker 1882, Arechalaveta 1907)

144. *Baccharis lapidosa* Deble & A. S. Oliveira, *Bonplandia* 20: 33. 2011. *Baccharis saxatilis* Joch. Müll., *Syst. Bot. Monogr.* 76: 52. 2006 [non (L.) Desf. 1804]. Type: Bolivia; "Chuquisaca: Prov. Calvo, Muyupampa (Vaca Guzmán)-Ipati, near summit, ca. 1600 m, 19°49'S 63°43'W, 15 Mar 2002, ♀ and ♂, Müller 9344" (JE!, holotype, BR!, G!, GH!, HBG!, LPB!, MO!, NY!, isotypes)
Ic.: Müller 2006a: Fig. 8
Bolivia (CH, SC)
Baccharis subgen. *Baccharis*

145. *Baccharis lateralis* Baker, *Fl. bras. (Martius)* 6(3): 100. 1882. Type: Brazil; "in Brasilia australi: Sello n. 1146! 4216!; prope Alto do Boa Vista: Sello n. 421"; *Sellow 1146* (B, syntype, destroyed)
Ic.: Malagarriga 1977: dessin 53 (leaf); Oliveira & Marchiori 2006b: Fig. 7
Brazil (MG, PR, RJ, RS, SC, SP)
Baccharis subgen. *Baccharis*

146. *Baccharis latifolia* (Ruiz & Pav.) Pers., *Syn. pl.* 2: 424. 1807. *Molina latifolia* Ruiz & Pav., *Syst. veg.* 208. 1798. *Pingraea latifolia* (Ruiz & Pav.) F. H. Hellw., *Candollea* 48: 217. 1993. Type: Peru; "in Peruviae ruderatis et campis prope Muna et Rondos vicos"; ♂ (MA!, lectotype, designated by Cabrera 1960, B!, 2×, MA!, P!, isotypes)
Baccharis floribunda Kunth, *H. B. K., Nov. gen. sp.* 4: 64. 1818.
Baccharis polyantha Kunth, *H. B. K., Nov. gen. sp.* 4: 64. 1818.
Baccharis riparia Kunth, *H. B. K., Nov. gen. sp.* 4: 65. 1818.

Pluchea glabra Griseb., Abh. Königl. Ges. Wiss. Göttingen 24: 183. 1879.

Baccharis polyantha var. *macrophylla* Hieron., Bot. Jahrb. Syst. 29: 25. 1900.

Vernonia otavalensis Gilli, Feddes Repert. 94: 313. 1983.

Ic.: Kunth 1818: Tab. 325; Cuatrecasas 1967: Fig. 1 (male style tip), Fig. 2, Fig. 3 (leaves); Cuatrecasas 1969: Fig. 58, 59; Malagarriga 1977: dessin 80 (leaf), dessin 81 (leaf), dessin 188 (leaf); Cabrera 1978: Fig. 105; Müller 2006a: Fig. 47

Argentina (CA, JU, LR, SA, TU), Bolivia (CH, CO, LP, SC, TA), Colombia (CA, CU, HU, NA, PU), Ecuador (AZ, BO, CA, CH, CN, CO, IM, LO, NA, OR, PA, PI, TU, ZC), Peru (AM, AP, AY, CA, CU, HU, HV, PU), Venezuela (ME)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis laurifolia Kunth ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 153. 1977. [nom. nud.] Original material: not indicated in the protologue; Peru, Matthews 1117 (P!)

= *Baccharis nitida* (Ruiz & Pav.) Pers.

Baccharis laxa Gardner, Lond. J. Bot. 4: 121. 1845. Type: Brazil; "Woods, Organ Mountains, at an elevation of about 3000 feet. Fl. April"; Gardner 497, ♀ (G!, P!, 2×, isotypes)

= *Baccharis trinervis* Pers.

Baccharis laxiflora Rusby, Bull. New York Bot. Gard. 8: 129. 1912. Type: Bolivia; "La Paz, 11,500 ft., Aug. 16, 1901 (No. 1675)"; Williams 1675, ♀ (NY!, holotype, K!, isotype)

= *Baccharis arguta* Hook. & Arn.

Baccharis lechleri Sch. Bip. ex Lechl., Berber. amer. austr. 53. 1854 [nom. nud.] Original material: Chile; Lechler "605" (GOET!, P!)

= *Baccharis racemosa* (Ruiz & Pav.) Pers.

147. *Baccharis ledifolia* Kunth, H. B. K., Nov. gen. sp. 4: 50. 1818. Type: "in Peruvia?"; ♂ (P-HBK!, holotype, P!, fragment, isotype)

Ic.: Malagarriga 1977: dessin 172 (leaf)

Peru (AM, CA)

Baccharis subgen. *Molina* (Pers.) Heering

148. *Baccharis lehmannii* Klatt, Bot. Jahrb. Syst. 8: 39. 1887. Type: Colombia; "Cauca, in fruticetis apertis ad latera occident. montis Sotara, alt. 2800 m (n. 3704). - Febr. 1884"; Lehmann 3704, ♀♂ (GH, holotype, G!, K!, isotypes)

Ic.: Cuatrecasas 1967: Fig. 12 (leaf); Cuatrecasas 1969: Fig. 68; Malagarriga 1977: dessin 218 (leaf)

Colombia (CA)

Baccharis subgen. *Baccharis*

Baccharis lejia Phil., Verz. Antofagasta Pfl. 39. 1891. *Baccharis tola* var. *lejia* (Phil.) Reiche, Anales Univ. Chile 111: 176. 1902. *Baccharis incarum* var. *lejia* (Phil.) Cabrera, Rev. Invest. Agric. 11: 403. 1957. Type: Chile; "habitat prope Colana" (SGO-060825, lectotype, designated by Hellwig 1990)

= *Baccharis tola* Phil. *subsp. tola* (Cabrera 1978, Hellwig 1990)

Baccharis leopoldinensis Malag. ex G. M. Barroso, Rodriguésia 28(40): 65. 1976 [pro syn. *Baccharis radicans* DC.]

Baccharis lepidophylla DC., Prodr. 5: 427. 1836. Type: Australia. "in terrâ Van-Diemen prope Hobart-Town ad summitatem frigidam montis Wellington alt. 4100 ped. angl. supra mare legit cl. A. Cunningham" (G-DC!, holotype)

= *Helichrysum baccharoides* F. Muell. (Malagarriga 1977)

Baccharis lepidota A. Gilli, Feddes Repert. 94: 306. 1983. Type: Ecuador; "Wald bei El Corazon, 1470 m, 28.6., fl. 242"; ♂ (W!, holotype, K!, isotype)

= *Baccharis nitida* (Ruiz & Pav.) Pers.

Baccharis leptcephala DC., Prodr. 5: 413. 1836. *Baccharis rufescens* var. *leptocephala* (DC.) Baker, Fl. bras. (Martius) 6(3): 64. 1882. Type: Brazil; "in Brasiliae prov. Rio-Grande (herb. imp. Bras. n. 950, 977 et 948) et Rio-Janeiro (Blanch.!)" ; Sellow s.n. = M. I. B. 977, ♀ (P!, lectotype, designated by Malagarriga 1958: 285, G-DC!, isolectotype); Blanchet 78, ♀ (G-DC!, syntype); Sellow d391 = M. I. B. 950, ♂ (G!, G-DC!, P!, syntypes); Sellow s.n. = M. I. B. 948, ♂ (G-DC!, P!, syntypes)

= *Baccharis linearifolia* (Lam.) Pers.

Baccharis leptcephala Phil., Anales Univ. Chile 87: 700. 1894 [non DC. 1836]. Type: Chile, "loco dicto La Higuera ad septentrionem oppidi La Serena legit orn. Julius Fonck" (not seen)

= *Baccharis paniculata* DC. (Reiche 1903, 1905; Malagarriga 1977)

Baccharis leptophylla DC., Prodr. 5: 423. 1836. *Baccharis rufescens* var. *leptophylla* (DC.) Baker, Fl. bras. (Martius) 6(3): 63. 1882. *Baccharis tenuifolia* var. *leptophylla* (DC.) Malme, Kongl. Svenska Vetenskapsakad. Handl., Ser. 3, 12(2): 72. 1933. *Baccharis pseudotenuifolia* var. *leptophylla* (DC.) Giuliano, Monogr. Syst. Bot. Missouri Bot. Gard. 74: 1245. 1999 [nom. superfl.] Type: Brazil; "in Brasiliae prov. Rio-Grande. ... (v. s. in h. Mus. Par. à Mus. imp. Bras. sub n. 993 miss.)"; Sellow s.n. = M. I. B. 993, ♀ (P!, holotype, G-DC!, isotype)

= *Baccharis linearifolia* (Lam.) Pers. *subsp. linearifolia*

Baccharis leptospermoides DC., Prodr. 5: 421. 1836. Type: Brazil; "in Brasiliae prov. Sancti-Pauli. ... (v. s. in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 482 miss.)"; Sellow s.n. = M. I. B. 482, ♂ (G-DC!, isotype)

= *Baccharis dracunculifolia* DC.

Baccharis lessingiana DC., Prodr. 5: 414. 1836. Type: Brazil; "in Brasilia ... Lund" (G-DC!, holotype)

= *Gochnatia polymorpha* (Less.) Cabrera (Malagarriga 1977)

Baccharis leucanthemifolia Burm. f. ex DC., Prodr. 5: 387. 1836 [pro syn. *Conyza pinnatiloba* DC.]

149. *Baccharis leucocephala* Dusén, Ark. Bot. 9(15): 24. 1910. *Lanugothamnus leucocephalus* (Dusén) Deble, Balduinia 37: 13. 2012. Type: Brazil: "Wächst in Gebüsch; bei Roca nova, den 24. Nov. 1903, (Nr. 2208), und bei Itapirusú, den 17. Nov. 1908"; Dusén 2208, ♀♂ (S, lectotype, designated by Barroso 1976, HBG!, R, isolectotype); Dusén 7169, ♀♂ (NY, S, syntypes)

Ic.: Dusén 1910: Taf. 1; Malagarriga 1977: dessin 67 (leaves)

Brazil (PR, RS, RJ, SC, SP)

Baccharis subgen. *Tarchonanthoides* Heering

Baccharis leucolepia Sch. Bip., Linnaea 22: 570. 1849 [nom. nud.] Original material: Brazil; Regnell "I. 217" (not seen)

= *Baccharis helichrysoidea* DC. (Schultz Bipontinus 1859-1860, Baker 1882, Arechalaveta 1907, Barroso 1976, Malagarriga 1977, Giuliano & Ariza Espinar 1999, Giuliano 2000)

150. Baccharis leucopappa DC., Prodr. 5: 415. 1836. *Baccharis helichrysoides* var. *leucopappa* (DC.) Baker, Fl. bras. (Martius) 6(3): 51. 1882. *Lanugothamnus leucopappus* (DC.) Deble, Balduinia 37: 13. 2012. Type: Brazil; "in prov. Rio-Grande Brasiliae. (h. Mus. imp. Bras. n. 330)"; *Sellow 3111 = M. I. B. 830*, ♀♂ (P!, holotype, B!, G-DC!, P, isotypes)
Ic.: Barroso 1976: Fig. 13, 16 (hairs), 81 (leaf); Malagarriga 1977: dessin 62 (leaves)
Brazil (MG, PR, RJ, RS, SC, SP)

Baccharis subgen. *Tarchonanthes* Heering

151. Baccharis lewisii (H. Rob.) Joch. Müll., Syst. Bot. Monogr. 76: 186. 2006. *Archibaccharis lewisii* H. Rob., BioLlania, Ed. Esp. 6: 502. 1997. Type: Bolivia; "La Paz: Inquisivi. Along the Río Irupaya, ca. 3 km NE of Quime, 16°57'S, 67°12'W, 2800 m, this area marks upper point (along river) of subtropical shrublands, ..., flowers white, uncommon, 14 Aug. 1988, Lewis 881,072"; ♂ (US, holotype, LPB!, MO!, isotypes)

Ic.: Müller 2006a: Fig. 69

Bolivia (LP)

Baccharis subgen. *Molina* (Pers.) Heering

152. Baccharis libertadensis (S. B. Jones) H. Rob., Phytologia 65: 37. 1988. *Vernonia libertadensis* S. B. Jones, Fieldiana, Bot., N. Ser. 5: 31. 1980. Type: Peru; "La Libertad: Otuzco: Cerro Sango (Motil-Shorey), Lopez 1947" (GA, holotype)

Peru (LL)

Baccharis subgen. *Pteronioides* Heering

Baccharis ligularis D. Don ex Hook. & Arn., J. Bot. 3: 43. 1841 [pro syn. *Pseudobaccharis spartioides* Hook. & Arn. ex DC.]

Baccharis ligustrina DC., Prodr. 5: 421. 1836. *Pseudobaccharis ligustrina* (DC.) Malag., Bol. Inform. Inst. Geobiol. "La Salle" 1: 11. 1949. *Psila ligustrina* (DC.) Cabrera, Bol. Soc. Argent. Bot. 5: 211. 1955. *Baccharis brachylaenoides* var. *ligustrina* (DC.) Maguire & Wurdack, Mem. New York Bot. Gard. 9(3): 368. 1957. *Psila brachylaenoides* var. *ligustrina* (DC.) Aristeg., Fl. Venez. 10(1): 317. 1964. Type: Brazil; "in Brasiliae prov. Minarum Generalium ad Serra do Frio legit cl. Vauthier (pl. exs. n. 285)"; ♂ (G-DC!, holotype, G!, P!, 2×, W!, isotypes)

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.

153. Baccharis lilloi Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 78. 1916. Type: Argentina; "Tucuman: Dep. Tafi, El Rincón, 2250 m ü. d. M., Barrancas (Lillo n. 7533 - 4. Februar 1908, ♂, ♀); La Ciénaga, 2600 m ü. d. M., zwischen Felsen (Lillo n. 3703 - 16. April 1904, ♂, ♀); ohne nähere Angabe (Lorentz und Hieronymus, Fl. arg. n. 677 - 10.-17. Januar 1874, von O. Kuntze als *B. hemiprionoides* Buek bestimmt)"; *Lillo 7533*, ♀♂ (HBG!, lectotype, designated by Müller 2006a: 188, G!, GH!, isolectotypes); *Lillo 3703*, ♀♂ (HBG!, syntype); La Cienega, Sierra de Tucuman, 1874, *Lorentz & Hieronymus 677*, ♂ (G!, syntype)

Ic.: Cabrera 1978: Fig. 103; Müller 2006a: Fig. 70

Argentina (CA, JU, SA, TU), Bolivia (TA)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis limnophila Sch. Bip. ex Baker, Fl. bras. (Martius) 6(3): 60. 1882 [pro syn. *Baccharis ligustrina* DC.]

Baccharis lindenii Sch. Bip. ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 154. 1977. [nom. nud. et non acc.]

=?

154. *Baccharis linearifolia* (Lam.) Pers., Syn. pl. 425. 1807. *Conyza linearifolia* Lam., Encycl. 2: 92. 1786. Type: "M. Commerson a trouvé cette plante dans l'Isle de Bourbon" [= Réunion, which is an error]; Uruguay, Montevideo, May 1767, *Commerson 112*, ♂ (P-Lam!, lectotype, designated by Müller 2006a: 100: basal right branch on sheet with *Conyza magellanica* and *C. myrsinites*, P!, P-Juss!, isolectotypes); Argentina, Buenos Aires, *Commerson s.n.*, ♀ (P!, P-Lam!, syntypes)

Molina prostrata Ruiz & Pav., Syst. veg. 204. 1798. *Baccharis prostrata* (Ruiz & Pav.) Pers., Syn. pl. 2: 425. 1807.

Baccharis brevifolia DC., Prodr. 5: 409. 1836.

Baccharis cognata DC., Prodr. 5: 413. 1836.

Baccharis leptcephala DC., Prodr. 5: 413. 1836. *Baccharis rufescens* var. *leptocephala* (DC.) Baker, Fl. bras. (Martius) 6(3): 64. 1882.

Baccharis paucidentata DC., Prodr. 5: 420. 1836.

Baccharis pauciflosculosa DC., Prodr. 5: 413. 1836.

Baccharis pauciflosculosa var. *puncticulata* DC., Prodr. 5: 413. 1836.

Baccharis subdentata DC., Prodr. 5: 408. 1836.

Baccharis tridentata var. *pluridentata* DC., Prodr. 5: 409. 1836.

Baccharis denticulata D. Don ex DC., Prodr. 7: 282. 1838.

Baccharis baldwinii Hook. & Arn., J. Bot. 3: 28. 1841.

Baccharis myrsinoides Hook. & Arn., J. Bot. 3: 32. 1841.

Baccharis xerophila Mart., Flora 24, Beibl. 2: 11. 1841.

Baccharis curvifolia Gardner, London J. Bot. 7: 87. 1848?

Baccharis subcapitata Gardner, London J. Bot. 7: 85. 1848.

Baccharis subspathulata Gardner, London J. Bot. 7: 87. 1848.

Baccharis varians Gardner, London J. Bot. 7: 84. 1848. *Baccharis rufescens* var. *varians* Baker, Fl. bras. (Martius) 6(3), 63. 1882.

Baccharis humilis Sch. Bip. ex Baker, Fl. bras. (Martius) 6(3): 92. 1882.

Baccharis brevifolia var. *tridentata* Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 139. 1916.

Baccharis brevifolia var. *tucumanensis* Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 140. 1916.

Baccharis cordobensis Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 132. 1916.

Baccharis pseudotridentata Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 140. 1916.

Baccharis rotundifolia var. *stuckertii* Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 131. 1916. *Baccharis sessiliflora* var. *stuckertii* (Heering) Cabrera, Rev. Mus. La Plata, N. S., Bot. 17: 117. 1941.

Baccharis subrufescens Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 136. 1916. *Baccharis rufescens* var. *subrufescens* (Heering) Ariza, Bol. Acad. Nac. Ci. Córdoba 50: 288. 1973.

Baccharis paulopolitana Malag. & W. Hoehne, Bol. Inst. Geobiol. Canoas 2: 17. 1949.

Baccharis hoehneana Malag., Contr. Inst. Geobiol. La Salle 3: 5. 1954.

Baccharis subdentata var. *incogitata* Malag., Contr. Inst. Geobiol. La Salle 3: 8. 1954.

Baccharis subdentata var. *incognita* Malag., Contr. Inst. Geobiol. La Salle 3: 8. 1954.

Baccharis rufescens var. *ventanicola* Cabrera, Fl. Prov. Buenos Aires 6: 119. 1963. *Baccharis ventanicola* (Cabrera) Soria & Zardini, Candollea 46: 539. 1991.

Baccharis pedersenii Cabrera, Darwiniana 16: 410. 1970.

Baccharis pseudobrevifolia D. J. N. Hind, Kew Bull. 98: 263. 1993.

Baccharis variabiliflora Deble & A. S. Oliveira, Balduinia 40: 23. 2013.

Baccharis subgen. *Baccharis*

Baccharis linearifolia (Lam.) Pers. **subsp. *linearifolia***

Baccharis leptophylla DC., Prodr. 5: 423. 1836. *Baccharis rufescens* var. *leptophylla* (DC.) Baker, Fl. bras. (Martius) 6(3): 63. 1882. *Baccharis tenuifolia* var. *leptophylla* (DC.) Malme, Kongl. Svenska Vetenskapsakad. Handl., Ser. 3, 12(2): 72. 1933. *Baccharis pseudotenuifolia* var. *leptophylla* (DC.) Giuliano, Monogr. Syst. Bot. Missouri Bot. Gard. 74: 1245. 1999 [nom. superfl.]

Baccharis tenuifolia DC., Prodr. 5: 423. 1836 [non L. 1753]. *Baccharis rufescens* var. *tenuifolia* Baker, Fl. bras. (Martius) 6(3): 63. 1882. *Baccharis pseudotenuifolia* Malag., Contr. Inst. Geobiol. La Salle 2: 46. 1952.

Ic.: Baker 1882: Tab. xxv; Arechavaleta 1907: estampa XLIV; Cabrera 1971: Fig. 69; Ariza 1973: Fig. 39 A-C; Cabrera 1974: Fig. 145, 146; Barroso 1976: Fig. 71, 72 (leaves), 73 (leaf); Malagarriga 1977: dessin 59 (leaves), dessin 96; Oliveira & Marchiori 2006: Fig. 6, 12, 14
Argentina (BA, CR, SF), Brazil (MT, MG, PR, RJ, RS, SC, SP), Paraguay, Uruguay

Baccharis linearifolia* subsp. *chilco (Kunth) Joch. Müll., Syst. Bot. Monogr. 76: 108. 2006. *Baccharis chilco* Kunth, H. B. K., Nov. gen. sp. 4: 56. 1818. Type: Colombia; "prope Santa Ana"; ♀ (P-HBK!, holotype, F!, fragment, P!, 2×, isotypes)

Baccharis obtusifolia Kunth, H. B. K., Nov. gen. sp. 4: 51. 1818.

Baccharis obovata (Ruiz & Pav.) DC., Prodr. 5: 408. 1836 [non Hook. & Arn. 1830]. *Molina obovata* Ruiz & Pav., Syst. veg. 206. 1798.

Baccharis patiensis Hieron., Bot. Jahrb. Syst. 21: 345. 1896.

Baccharis patiensis var. *pluridentata* Hieron., Verh. Bot. Ver. Prov. Brandenburg 48: 203. 1907.

Baccharis tridentata f. *integrifolia* Cuatrec., Mutisia 17: 12. 1953.

Ic.: Cuatrecasas 1967: Fig. 7 (leaves); Cuatrecasas 1969: Fig. 63; Malagarriga 1977: dessin 196 (leaf); Müller 2006a: Fig. 35

Bolivia (BE, LP, SC), Colombia (CA, CU, HU), Ecuador (LO, ZC), Paraguay, Peru (AM, CA, CU, PU, SM)

Baccharis linearifolia* subsp. *polycephala (Wedd.) Joch. Müll., Syst. Bot. Monogr. 76: 105. 2006. *Baccharis polycephala* Wedd., Chlor. and. 1: 173. 1856. Type: Bolivia; "montagnes des départements de Potosí et de Chuquisaca!, h. 2500 à 3500 mètres (Wedd.)"; *Weddell 4091*, ♂ (P-218322, lectotype, designated by Müller 2006a: 105, F!, P!, isotypes)

Baccharis pedalis Sch. Bip. ex Griseb., Abh. Königl. Ges. Wiss. Göttingen 24: 182. 1879.

Baccharis rufescens var. *pedalis* (Sch. Bip. ex Griseb.) Baker, Fl. bras. (Martius) 6(3): 64. 1882.

Baccharis microphylla var. *pulverulenta* Rusby, Mem. Torrey Bot. Club 3(3): 56. 1893.

Baccharis tricuneata var. *pulverulenta* (Rusby) Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13: 217. 1969.

Baccharis pflanzii Perkins, Bot. Jahrb. Syst. 49: 224. 1913.

Ic.: Torrico 1991, Fig. 10; Müller 2006a: Fig. 34

Argentina (JU, SA), Bolivia (CH, CO, LP, PO, SC, TA), Peru (PU)

155. *Baccharis linearis* (Ruiz & Pav.) Pers., Syn. pl. 2: 425. 1807. *Molina linearis* Ruiz & Pav., Syst. veg. 205. 1798. *Baccharis serrulata* var. *linearis* (Ruiz & Pav.) Kuntze, Rev. gen. 3(2): 134. 1898. Type: Chile; "in Regni Chilensis locis arenosis per Conceptionis, Puchaca y, Rere, Itatae, Maule, Colchaguae, Rancaguae et Aconcaguae Provincias"; ♀♂ (MA!, lectotype, designated by Cabrera 1960, MA!, OXF!, 2×, isotypes)

Baccharis linifolia Meyen, Reise 1: 311. 1834.

Baccharis subgen. *Baccharis*

Baccharis linearis (Ruiz & Pav.) Pers. subsp. ***linearis***

Baccharis rosmarinifolia Hook. & Arn., Bot. Beech. voy. 1: 30. 1830.

Baccharis lingulata Kunze ex Less., Linnaea 6: 147. 1831.

Baccharis rosmarinifolia var. *subsINUATA* DC., Prodr. 5: 420. 1836.

Baccharis callistemoides Meyen & Walp., Nov. Act. Acad. Caes. Leop.-Carol. Nat. Cur. 18, Suppl. 1: 265. 1843. *Baccharis rosmarinifolia* var. *callistemoides* (Meyen & Walp.) Heering, Anales Univ. Chile 111: 173. 1903.

Baccharis montteana Phil., Anales Univ. Chile 87: 702. 1894.

Baccharis holmbergii Hicken, Bol. Soc. Physis 1: 440. 1915?

Ic.: Cabrera 1971: Fig. 83; Malagarriga 1977: dessin 319 (leaves); Hellwig 1990: Abb. 32-34 Argentina, Chile

Baccharis linearis subsp. pycnocephala F. H. Hellw., Mitt. Bot. Staatssamml. München 29: 150. 1990. Type: Chile. "VIII. Region, del Biobio, Hochtal bei Trapa-Trapa, 24.3.1986, Hellwig 6180" (M, holotype, JE!, isotype)

Ic.: Hellwig 1990: Abb. 36-39

Chile

Baccharis lineata Sch. Bip. ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 154. 1977 [nom. nud. et non acc.]
=?

Baccharis lingulata Kunze ex Less., Linnaea 6: 147. 1831. Type: Chile; "pr. Talcaguano cel. de Chamisso; in montanis siccis inter Valparaiso et Concon Aug. Poeppig"; Poeppig 210, (P, lectotype, designated by Malagarriga 1958: 291)

= ***Baccharis linearis*** (Ruiz & Pav. Pers.) **subsp. linearis**

Baccharis linifolia DC., Prodr. 5: 420. 1836 [non Meyen 1834]. Type: Mexico; "ad Real del Monte ex h. Haenke"; ♂ (G-DC!, holotype, P!, isotype)

= ***Baccharis salicifolia*** (Ruiz & Pav.) Pers. **subsp. salicifolia**

Baccharis linifolia Phil., Linnaea 33: 145. 1864-1865 [non Meyen 1834, nec DC. 1836].

Baccharis marginalis var. *linifolia* Heering, Anales Univ. Chile 111: 161. 1903. Type: Chile, "prope Illapel reperit ornat. Landbeck" (not seen)

= ***Baccharis salicifolia*** (Ruiz & Pav.) Pers. (Malagarriga 1977)

Baccharis linifolia Meyen, Reise 1: 311. 1834. Type: Chile; "Plateau von Gualtatas" (not seen)

= ***Baccharis linearis*** (Ruiz & Pav.) Pers. (Cabrera 1971, Malagarriga 1977 Giuliano & Ariza Espinar 1999, Giuliano 2000)

Baccharis linifolia Willd. ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 154. 1977 [pro syn. *Baccharis thesioides* Kunth]

Baccharis litoralis Phil., Anal. Univ. Chile 87: 699. 1894. Type: Chile, "in litore maris ad La Serena legit Fridericus Philippi" (BM!, isotype)

= ***Baccharis glutinosa*** Pers.

156. Baccharis lloensis Hieron., Bot. Jahrb. Syst. 29: 27. 1900. *Baccharis macrantha* subsp. *lloensis* (Hieron.) Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13(49): 62. 1967. Type: Ecuador. "Crescit in valle Lloa ad occidentem montis Pichincha sita, alt. s. m. 3000 m (S.[odiro] n. 16/11)"; Sodiro 436, ♀♂ (G!, NY, isotypes?)

?*Baccharis macrantha* var. *minor* Cuatrec., Trab. Mus. Ci. Nat. Jard. Bot. Madrid 29: 33. 1935. *Baccharis macrantha* subsp. *minor* (Cuatrec.) Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13(49): 64. 1967

?*Baccharis cundinamarcensis* Cuatrec., Mutisia 17: 4. 1953. *Baccharis macrantha* subsp. *cundinamarcensis* (Cuatrec.) Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13(49): 62. 1967

Baccharis pastoensis Cuatrec., Brittonia 8: 184. 1956. *Baccharis macrantha* var. *pastoensis* (Cuatrec.) Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13(49): 62. 1967. *Baccharis macrantha* subsp. *pastoensis* (Cuatrec.) Malag., Mem. Soc. Ci. Nat. La Salle 37: 136. 1977

?*Baccharis macrantha* subsp. *caucaensis* Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13(49): 63. 1967

?*Baccharis macrantha* var. *cocuyensis* Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13(49): 63. 1967. *Baccharis macrantha* subsp. *cocuyensis* (Cuatrec.) Malag., Mem. Soc. Ci. Nat. La Salle 37: 136. 1977

Ic.: Cuatrecasas 1967: Fig. 12 (leaves); Malagarriga 1977: dessin 222 (leaf)

Colombia (CA, CL, CU, NA), Ecuador (AZ, CA, CH, CN, CO, IM, LO, MS, NA, PI, TU)

Baccharis subgen. *Baccharis*

157. *Baccharis longiattenuata* A. S. de Oliveira & Deble, Balduinia 9: 5. 2007 ["longoattenuata"]. Type: Brazil; "Rio Grande do Sul, Cacapava do Sul, Guaritas, árvore, cerca de 10-12 metros de altura, na mata, An. S. de Oliveira & L. P. Deble 1588, 23.XII.2003. Holotypus MBM. Isotypi CTES, SI" (not seen, "isotype" at SI! with that number was collected later)

Ic.: Oliveira & Deble 2006: Fig. 2

Brazil (RS, SC)

Baccharis subgen. *Baccharis*

Baccharis longifolia DC., Prodr. 5: 402. 1836. *Baccharis salicifolia* var. *longifolia* (DC.) Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13(50): 212. 1969. Type: Mexico; "in Mexico circa urbem legit cl. Berlandier flor. augusto (pl. exs. n. 624 et 653)"; 9 Aug 1824, Berlandier 624, ♂ (G-DC!, W!, syntypes); 22 Aug 1827, Berlandier 653, ♂ (G!, G-DC!, syntypes)

= *Baccharis salicifolia* (Ruiz & Pav.) Pers. subsp. *salicifolia*

Baccharis longii Govaerts, World checkl. seed pl. 2 (1), 9. 1996 [nom. superfl.]

≡ *Baccharis pseudoalpestris* Malag.

Baccharis longipedicellata Sch. Bip. ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 154. 1977 [nom. nud. et non acc.]

=?

Baccharis longipes Kunze ex DC., Prodr. 5: 401. 1836. *Baccharis marginalis* var. *longipes* (Kunze ex DC.) Heering, Anales Univ. Chile 111: 160. 1903. *Baccharis pingraea* var. *longipes* (Kunze ex DC.) Heering, Jahrb. Hamb. Wiss. Anst. 21, Beih. 3: 18. 1904. Type: Chile; "in lapidosis inundatis Rio de Chili legit cl. Poeppig [coll. 2. n. 104]"; ♀ (G-DC!, holotype, P!, isotype)

= *Baccharis salicifolia* (Ruiz & Pav.) Pers.

Baccharis longipes var. *angustissima* Phil., Anales Univ. Chile 87: 699. 1894. Type: Chile, "prope Caren in Coquimbo invenit orn. Guillelmus Geisse" (not seen)

= *Baccharis glutinosa* Pers. (Malagarriga 1977)

Baccharis lorentzii (Joch. Müll.) Deble, *Balduinia* 16: 33. 2009.
= ***Baccharis genistelloides* subsp. *lorentzii*** Joch. Müll.

Baccharis loxensis Benth., *Pl. hartweg.* 135. 1844. Type: Ecuador; "In montibus Loxa";
Hartweg 761, ♀♂ (K!, holotype, BM!, G!, 2×, GH!, P!, 3×, W!, isotypes)
= ***Baccharis sinuata*** Kunth

Baccharis loxensis var. *oligocephala* Hieron., *Bot. Jahrb. Syst.* 36: 480. 1905. Type: Peru;
"crescit prope Tambillo (J[elski]. n. 777, 5. m. Aprili 1878)" (not seen)
= ***Baccharis sinuata*** Kunth?

Baccharis lucida Meyen, *Reise 1:* 460. 1834. Type: Bolivia/Peru; "Plateau von Tacora" (not
seen)
= ***Parastrephia lucida*** (Meyen) Cabrera

Baccharis lundii DC., *Prodr.* 5: 404. 1836. Type: Brazil; "in Brasilia circa Rio-de-Janeiro
legit cl. Lund."; Lund 1, ♀ (G-DC!, syntype); Lund168, ♀ (G-DC!, syntype)
= ***Baccharis serrulata*** (Lam.) Pers.

Baccharis lundii var. *punctigera* (DC.) Baker, *Fl. bras. (Martius)* 6(3): 75. 1882.
= ***Baccharis serrulata*** (Lam.) Pers.

Baccharis lutescens Lawalree, *Enum. arbres Segrez.* 145. 1877. Type?
=?

158. *Baccharis lychnophora* Gardner, *London J. Bot.* 7: 85. 1848. *Lanugothamnus*
lychnophorus (Gardner) Deble, *Balduinia* 37: 16. 2012. Type: Brazil; "4898" "Moist rocky
places on the high mountains of the Diamond District. July, 1840"; ♂ (BM, holotype, BHCB,
G!, K, P!, US, W!, 2×, isotypes)

Baccharis tarchonanthoides var. *integrifolia* Baker, *Fl. bras. (Martius)* 6(3): 50. 1882.
Brazil (MG)

Baccharis subgen. *Tarchonanthoides* Heering

159. *Baccharis lycioides* Remy, in Gay, *Fl. chil.* 4: 99. 1849. Type: Chile; "Se cria en la
República"; Gay 317, ♀ (P, lectotype, designated by Malagarriga 1958: 295)

Baccharis valdiviana Phil., *Linnaea* 28: 738. 1856.

Baccharis negerii Heering, *Anales Univ. Chile* 111: 178. 1903.

Ic.: Malagarriga 1977: dessin 354; Hellwig 1990: Abb. 40-42

Chile

Baccharis subgen. *Baccharis*

Baccharis lycopodioides (Lam.) Pers., *Syn. pl.* 2: 425. 1807. *Conyza lycopodioides* Lam.,
Encycl. 2: 91. 1786. Type: France, Réunion; "M. Commerson a trouvé cette plante dans l'Isle
de Bourbon & dans son lit même, sur les rochers" (P-Lam!, holotype)

= ***Erythrix juniperifolia*** Cass. (Malagarriga 1977)

160. *Baccharis lymanii* G. M. Barroso, *Balduinia* 17: 5. 2009. Type: Brazil; Santa Catarina,
Campo Alegre, 9 Nov 1956, ♀, *Smith & Klein* 7461 (RB, holotype)

Brazil (PR, SC)

Baccharis subgen. *Baccharis*

161. Baccharis macraei Hook. & Arn., J. Bot. 3: 32. 1841. Type: Chile. "Valparaiso. Macrae"; *Cuming 793bis* (K, designated by Hellwig 1990: 168)

Baccharis macraei var. *lucida* Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 125. 1916?

Ic.: Hellwig 1990: Abb. 44-47

Chile

Baccharis subgen. *Baccharis*

Baccharis macraei var. *intermedia* Heering, *Schriftenr. Naturwiss. Ver. Schleswig-Holstein* 13: 53. 1904. Type: Chile; "Herb. Kil.: *B. concava?* vulgo *Guanchu*. In *fruticetis collium frequens*. Valparaiso. Chile 1830. Julio. Herb. Bertero. n. 832. Unio itin. 1835. ♂" (KIEL, holotype)

= *Baccharis macraei* × *vernalis*

Baccharis macraei var. *lucida* Heering, *Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 125. 1916.* Type: Chile; "Ohne Standortsangabe (Poeppig)" (not seen)

= *Baccharis macraei* Hook. & Arn.?

Baccharis macrantha Kunth, H. B. K., *Nov. gen. sp. 4: 54. 1818.* Type: Ecuador. "prope Mulalo Quitensium, in radicibus montis ignivomi Cotopaxi, alt. 1600 hex."; ♀♂ (P-HBK!, holotype, B-Willd-15574!, P!, 3×, isotypes)

= *Baccharis teindalensis* Kunth

Baccharis macrantha subsp. *caucaensis* Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 63. 1967. Type: Colombia; "Cauca: Cord. Central, Páramo de San Rafael en la vert. oriental del Páramo del Puracé, en las cabeceras del río San José, 3200-3350 m., ... ♀, 10-X-61, J. Cuatrecasas & L. Willard 26270" (US, holotype)

= *Baccharis lloensis* Hieron.?

Baccharis macrantha var. *cocuyensis* Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 63. 1967. *Baccharis macrantha* subsp. *cocuyensis* (Cuatrec.) Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 136. 1977. Type: "Colombia, Boyacá, Cord. Or.: Sierra Nevada del Cocuy, Valle de San José, arriba de El Playón 3900 m., ... 10-IX-57, Grubb, Curry & Fernández-Pérez 770"; ♂ (US, holotype)

= *Baccharis lloensis* Hieron.?

Baccharis macrantha subsp. *cundinamarcensis* (Cuatrec.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 62. 1967.

= *Baccharis lloensis* Hieron.?

Baccharis macrantha subsp. *lloensis* (Hieron.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 62. 1967.

≡ *Baccharis lloensis* Hieron.

Baccharis macrantha var. *minor* Cuatrec., *Trab. Mus. Ci. Nat. Jard. Bot. Madrid* 29: 33. 1935. *Baccharis macrantha* subsp. *minor* (Cuatrec.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 64. 1967. Type: "Cordillera Centralis Colombiae: in "páramo" montis Tolima, ad limitem vegetationis arboreae super "Las Mesetas", 3.800 m. altitudine, 15-5-32 legi (n.o 2913)" (MA, holotype)

= *Baccharis lloensis* Hieron.?

Baccharis macrantha var. *pastoensis* (Cuatrec.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 62. 1967. *Baccharis macrantha* subsp. *pastoensis* (Cuatrec.) Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 136. 1977.
= *Baccharis lloensis* Hieron.?

162. *Baccharis macrocephala* Sch. Bip. ex Greenm., *Proc. Amer. Acad.* 34: 575. 1898. *Neomolina macrocephala* (Sch. Bip. ex Greenm.) F. H. Hellw., *Candollea* 48: 212. 1993. Type: Mexico; "Collected by C. Sartorius in Vera Cruz, altitude 2,700 m., April, 1856; and by C. G. Pringle, Serrania de Ajusco, Federal District, altitude 2,700 m., 23 May, 1898, no. 6859"; *Pringle 6859*, ♀♂ (G!, HBG!, W!, WU!, syntypes)
Ic.: Matuda 1957: Fig. 9-10; Malagarriga 1977: dessin 264 (leaves)
Mexico
Baccharis subgen. *Pteronioides* Heering

Baccharis macrodonta DC., *Prodr.* 5: 416. 1836. Type: Brazil; "in Brasiliae prov. Sancti-Pauli. ... (v. s. in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 485 miss.)"; Sellow s.n., ♀ (P!, holotype, G-DC!, isotype)
= *Baccharis dentata* (Vell.) G. M. Barroso

163. *Baccharis macrophylla* Dusén, *Arch. Mus. Nac. Rio de Janeiro* 13: 14. 1903. *Heterothalamus macrophyllus* (Dusén) Heering, *Ark. Bot.* 8(7): 19. 1909. *Pseudobaccharis macrophylla* (Dusén) Malag., *Contr. Inst. Geobiol. La Salle* 2: 47. 1952. Type: Brazil; "In campo inter Retiro do Ramos et Maciera do Couto sat ferquens; ad rivulum Ribeirao do Couto et ad basin monticuli Pedra Assentada, in alt. c. 2000-2300 m s. m. inventa"; Serra do Itatiaia ad rivulum, ca. 2200 m, Jun 1902, *Dusén 22* (M!, syntype); Serra do Itatiaia in campo, ca. 2100 m, May 1902, *Dusén s.n.*, ♂ (K!, syntype)
Ic.: Malagarriga 1977: dessin 58 (leaf)
Brazil (MG, RJ, SP)
Baccharis oblongifolia group

Baccharis macrophylla Chodat, *Bull. Herb. Boissier, Sér. 2*, 2: 383. 1902 [pro syn. *Baccharis microcephala* (Less.) DC.]

Baccharis macrophylla Macloskie, *Rev. Fl. Patag.* 264. 1914 [sphalm. for *Baccharis microphylla* Kunth]

Baccharis macroptera D. J. N. Hind, *Kew Bull.* 98: 261. 1993. Type: Brazil; "Bahia, Mun. Agua Quente. Pico das Almas. Harley et al. 27311 (female)" (SPF, holotype, US!, isotype)
= *Baccharis sagittalis* (Less.) DC.

Baccharis madagascariensis (Lam.) Pers., *Syn. pl.* 2: 423. 1807. *Conyza madagascariensis* Lam., *Encycl.* 2: 85. 1786. Type: Madagascar; "l'Isle de Madagascar. Commerson" (not seen)
≡ *Psiadia madagascariensis* DC.

164. *Baccharis magellanica* (Lam.) Pers., *Syn. pl.* 2: 424. 1807. *Conyza magellanica* Lam., *Encycl.* 2: 91. 1786. *Baccharis tricuneata* var. *magellanica* (Lam.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13: 217. 1969. Type: Argentina/Chile; "M. Commerson a trouvé cet arbuste au Magellan"; ♂ (P-Lam!, lectotype, designated by Cuatrecasas 1969, on sheet with *Conyza linearifolia* and *C. myrsinites*, P-Juss!, isotype)
Ic.: Cabrera 1971: Fig. 70; Hellwig 1990: Abb. 49-52
Argentina, Chile
Baccharis subgen. *Baccharis*

Baccharis magellanica var. *subviscosa* Kuntze, *Rev. gen.* 3(2): 133. 1898. Type: Argentina, Bolivia, Chile; "Argentina: Nevado del Castillo in Provinz Salta (113 Lorentz & Hieronymus). Bolivia: 4000 m Machacamarga. Chile: Río Quino"; Machacamarga, Kuntze s.n., ♀ (F!, lectotype, designated by Cuatrecasas 1967, NY!, isolectotype); Río Quino (NY!, syntype); Lorentz & Hieronymus 113 (F!, NY!, syntypes)
= *Baccharis tola* var. *incarum* (Wedd.) Joch. Müll.

Baccharis magellanica var. *viscosissima* Kuntze, *Rev. gen.* 3(2): 133. 1898.
= *Baccharis tola* var. *viscosissima* (Kuntze) Joch. Müll.

Baccharis maguireana Malag., *Mem. Soc. Ci. Nat. La Salle* 37(107): 138. 1977. Type: Venezuela; "Leg. Basset Maguire et Celia K. Maguire No. 35179. 12.2.1953 in Río Manapiare - Territorio Amazonas (Venezuela). 1250 m alt."; ♀♂ (P!, holotype)
= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.

165. *Baccharis malibuensis* R. M. Beauch. & J. Henrickson, *Aliso* 14: 202. 1996. Type: USA; "California: Los Angeles Co., Santa Monica Mountains. Stokes Canyon, on south-facing slope in coastal sage scrub/chaparral ecotone on Calabasas Formation, NE quarter of the SE quarter of section 6, R17W, T1S, 700 ft, 26 Nov 1991, R. M. Beauchamp s.n." (RSA, holotype)

Ic.: Beauchamp & Henrickson 1996: Fig. 3

USA (CA)

Baccharis subgen. *Pteronioides* Heering

166. *Baccharis malmei* Joch. Müll., *Ann. Bot. Fennici* 43: 472. 2006. Type: Brazil; "Rio de Janeiro: Serra do Tingua, ♀; Glaziou 8776" (BR!, holotype, BR!, G!, S!, isotypes)

Ic.: Barroso 1976: Fig. 96; Malagarriga 1977: dessin 54; Müller 2006b: Fig. 1

Brazil (BA, DF, GO, PE, PR, RJ, SC, SP)

Baccharis subgen. *Baccharis*

Baccharis mamarii DC. ex Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 155. 1977 [nom. nud.] Original material not indicated in the protologue.

=?

167. *Baccharis mandonii* Klatt, *Leopoldina* 25(11-12): 108. 1889. Type: Bolivia; "Prov. Larecaja, Viciniis Sorata, via ad Lacatia prope rivum in silvulis. Reg. subalpina 3300-3400 m, Aug. 1858. Leg. G. Mandon, No. 199"; ♀♂ (GH!, holotype, F!, G!, 2×, GH!, 2×, K!, NY!, 3×, P!, 5×, W!, isotypes)

Baccharis markoi H. Rob., *BioLlania*, Ed. Esp. 6: 503. 1997.

Ic.: Malagarriga 1977: dessin 185 (leaf); Müller 2006a: Fig. 93

Bolivia (CO, LP)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis mapirensis Rusby, *Mem. Torrey Bot. Club* 6: 61. 1896. Type: Bolivia, "Between Mapiri and Tipuani, July-Aug., 1892 (1841)"; Bang 1481, ♂ (NY-162269!, lectotype, designated by Müller 2006a: 175, A!, BM!, E!, F!, G!, 2×, GH!, K!, M!, MICH!, MO!, NY!, US!, W!, WU!, isotypes)

= *Baccharis quitensis* Kunth

168. *Baccharis marcetiifolia* Benth., *Pl. hartweg.* 202. 1845. *Neomolina marcetiifolia* (Benth.) F. H. Hellw., *Candollea* 48: 212. 1993. Type: Ecuador. "Ad Hacienda de

Chuquipoyo, in monte Chimborazo"; *Hartweg 1118*, ♀♂ (K!, holotype, BM!, G!, GH!, fragment, K!, NY, 2×, P!, 2×, W!, isotypes)

Baccharis acerosa Turcz., Bull. Soc. Imp. Natur. Moscou 1851(2): 66. 1851.

Ic.: Cuatrecasas 1967: Fig. 16 (leaf); Cuatrecasas 1969: Fig. 64, 72; Malagarriga 1977: dessin 71 (leaves)

Ecuador (CH, PI)

Baccharis subgen. *Pteronioides* Heering

Baccharis marginalis DC., *Prodr.* 5: 402. 1836. *Pingraea marginalis* (DC.) F. H. Hellw., *Candollea* 48: 218. 1993. Type: Chile, Peru; ""in versuris et ripis Chauca et Cercado prov. Peruviae (R. et Pav.), ad Valparaiso Chilensium (Gaud.)"; *Gaudichaud 138*, ♀♂ (G-DC!, syntype)

= *Baccharis salicifolia* (Ruiz & Pav.) Pers.

Baccharis marginalis var. *araucana* (Phil.) Heering, *Anales Univ. Chile* 111: 160. 1903.

= *Baccharis salicifolia* (Ruiz & Pav.) Pers. (Malagarriga 1977)

Baccharis marginalis var. *caerulescens* Heering, *Anales Univ. Chile* 111: 161. 1903. Type: Chile; "Provincias centrales hasta Valdivia" (not seen)

= *Baccharis salicifolia* (Ruiz & Pav.) Pers.?

Baccharis marginalis var. *coerulescens* (DC.) Heering, *Schr. Naturwiss. Ver. Schleswig-Holstein* 13: 46. 1904 [non var. *caerulescens* Heering 1903].

= *Baccharis salicifolia* (Ruiz & Pav.) Pers. *subsp. salicifolia*

Baccharis marginalis var. *linifolia* Heering, *Anales Univ. Chile* 111: 161. 1903.

= *Baccharis salicifolia* (Ruiz & Pav.) Pers. (Malagarriga 1977)

Baccharis marginalis var. *longipes* (Kunze ex DC.) Heering, *Anales Univ. Chile* 111: 160. 1903.

= *Baccharis salicifolia* (Ruiz & Pav.) Pers.

Baccharis marginalis var. *viminea* Heering, *Anales Univ. Chile* 111: 160. 1903. Type: Chile; "Provincias centrales hasta Malleco"; *Dusén 194* (HBG!, syntype)

= *Baccharis salicifolia* (Ruiz & Pav.) Pers.?

169. *Baccharis maritima* Baker, *Fl. bras. (Martius)* 6(3): 72. 1882. Type: Uruguay. "prope Montevideo, in arenis maritimis: Gibert n. 81!"

Ic.: Malagarriga 1977: dessin 116 (leaf)

Brazil (RS), Uruguay

Baccharis subgen. *Baccharis*

Baccharis markoi H. Rob., *BioLlania, Ed. Esp.* 6: 503. 1997. Type: Bolivia; "La Paz: Inquisivi, "Pavionani, on the slope above Pavionani Fork of the Río Chimu below headwaters divide with the Río Janko Kalani, 7 km N of Choquetanga, ..., 16°48'S, 67°18'W, 3500-3600 m, ..., 8 Apr. 1991, Lewis 38,505"; ♀♂ (US, holotype, LPB, MO, isotypes)

= *Baccharis mandonii* Sch. Bip. ex Klatt

Baccharis martiana Colla, *Herb. pedem.* 3: 318. 1834. Type: "Missa cum priori ac iisedm locis lecta" [= a cl: Martio e Brasil: Aldea Velha] (not seen)

= *Baccharis tridentata* Vahl (Malagarriga 1977)

Baccharis martiana G. M. Barroso, *Rodriguésia* 28(40), 139. 1976 [non Colla 1834, nom. superfl.]

≡ *Baccharis pseudoalpestris* Malag.

Baccharis mattogrossensis Heering ex Malme, *Ark. Bot.* 24A(8): 36. 1932. Type: Brazil; "Cuyabá, in silvula ripae rivuli, 19 17/6 02 (II: 1783), Serra da Chapada, Buriti, in "capueira", 18 27/6 94 (I: 1750)"; Malme 1750 (S-R, syntype)

= *Baccharis trinervis* Pers.

Baccharis matudae Rzed., *Brittonia* 24: 398. 1972. Type: Mexico; "Zacatecas: 5 km al NE de Chalchihuites, alt. 2100 m, orilla de camino, 2 Abr 1957, Rzedowski 8758"; ♀ (ENCB, holotype)

= *Aztecaster pyramidatus* (Rzed.) G. L. Nesom

170. *Baccharis maxima* Baker, *Fl. bras. (Martius)* 6(3): 80. 1882. Type: Brazil. "prope Rio de Janeiro: Glaziou n. 4860!"; ♀ (P, 2×, isotypes)

Ic.: Malagarriga 1977: dessin 92 (leaf)

Brazil (MG, RJ, SP)

Baccharis subgen. *Pteronioides* Heering

Baccharis medullosa DC., *Prodr.* 5: 405. 1836. Type: Brazil; "in Brasiliae prov. Rio-Grande"; "in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 850 miss."; Sellow s.n. (P!, holotype, G-DC!, fragment, isotype)

= *Baccharis glutinosa* Pers.

Baccharis medullosa f. *gracilis* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 103. 1916. Type: Argentina, Paraguay; "Tucuman: Umgegend von Tucuman (Lorentz & Hieronymus ... Dep. Capital, 450 m ü. d. M. (Lillo n. ... 4652 ... Rosario de la Frontera, 900 m ü. d. M., in matorrales (Lillo n. 4419 ... ohne nähere Angabe des Ortes ... Bodenbender ... Lorentz & Hieronymus n. 190 ... S. Luis: Ohne nähere Angabe (Galander ... Córdoba: ohne genauere Angabe (Stuckert n. ... 2283 ... Paraguay. ... Gran Chaco, Santa Elisa am Rande der Wälder (T. Rojas n. 2334 im Herb. Haßler"; Argentina, Salta, Rosario de la Frontera; 900 m, 25 Mar 1905, ♂, Lillo 4419 (A!, syntype); Paraguay, Gran Chaco, Santa Elisa lat. S. 23°10', Jan 1903, ♂, Rojas s. n.; Hassler Pl. Parag. 2634 [sic!] (GH!, syntype)

= *Baccharis glutinosa* Pers.

Baccharis medullosa f. *gracilipes* Malag., *Contr. Inst. Geobiol. Canoas* 2: 25. 1952 [sphalm. for *Baccharis medullosa* f. *gracilis* Heering]

Baccharis medullosa var. *latifolia* Hieron. ex Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 104. 1916. Type: Argentina, "Tucuman: Tusca y Taruca, pampa bei La Cruz (Lorentz & Hieronymus n. 92); ohne nähere Angabe (Lorentz & Hieronymus n. 182. - Herb. Stuckert n. 8631 - sehr unvollständiges Exemplar)"; La Cruz, 22-28 Dec 1872, ♀, Lorentz & Hieronymus 92 (GOET!, syntype); Stuckert 8631 (HBG!, syntype)

= *Baccharis glutinosa* Pers.

Baccharis megacephala D. Don ex Baker, *Fl. bras. (Martius)* 6(3): 79. 1882 [pro syn. *Baccharis triplinervia* (Spreng.) Baker]

Baccharis megacephala Sch. Bip. ex Baker, *Fl. bras. (Martius)* 6(3): 79. 1882 [pro syn. *Baccharis elliptica* Gardner]

171. *Baccharis megapotamica* Spreng., Syst. veg. 3: 461. 1826. Type: Brazil; "Rio Grande, Sello"; *Sellow 1967 = M. I. B.* 818, ♀ (P!, holotype, P!, 2×, isotypes)

Baccharis pyramidalis Gardner, Lond. J. Bot. 4: 122. 1845.

Baccharis weirii Baker, Fl. bras. (Martius) 6(3): 67. 1882. *Baccharis megapotamica* var. *weirii* (Baker) G. M. Barroso, *Rodriguésia* 28(40): 102. 1976.

Ic.: Malagarriga 1954 (leaf); Malagarriga 1977: dessin 244
Argentina (MI), Brazil (MG, PR, RJ, RS, SC, SP), Paraguay
distinct species of unclear affinities

Baccharis megapotamica var. *weirii* (Baker) G. M. Barroso, *Rodriguésia* 28(40): 102. 1976.
= *Baccharis megapotamica* Spreng.

172. *Baccharis melanopotamica* Speg., Anales Soc. Ci. Argent. 48: 189. 1899. Type: Argentina; "Vulgata in aridissimis altiplanitie secus Rio Negro, Jan. et Febr. 1898 (C. S.)" (not seen)

Baccharis dusenii O. Hoffm., in Dusén, Sv. exp. Magell. 3: 244. 1901.

Ic.: Dusén 1901, Taf. 4; Macloskie 1905, Fig. 99; Cabrera 1963: Fig. 32; Cabrera 1971: Fig. 76; Ariza 1973: Fig. 35; Malagarriga 1977: dessin 247 (leaves)

Argentina

Baccharis subgen. *Pteronioides* Heering

Baccharis melastomifolia Hook. & Arn., J. Bot. 3: 25. 1840 ["*melastomaefolia*"]. Type: Argentina. "Moist woods of Tucuman. Tweedie (n. 1185.)" (K, holotype)
= *Baccharis punctulata* DC.

Baccharis mendes-magalhaensii Mell. Barr. ex Barroso, *Rodriguésia* 28(40): 191. 1976 [pro syn. *Baccharis microcephala* (Less.) DC.]

Baccharis meridensis Steyerl., *Fieldiana, Bot.* 28: 622. 1953. Type: Venezuela. "Páramo de Los Colorados, between El Molino and San Isidro Alto, state of Mérida, alt. 2745-2955 m., May 14, 1944, Julian A. Steyermark 56537" (F, holotype)

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers. (Aristeguieta 1964, Barroso 1976, Pruski 1997, Giuliano & Ariza Espinar 1999, Giuliano 2000)

Baccharis meridionalis Heering & Dusén, *Ark. Bot.* 9(15): 26. 1910. Type: Brazil. "z. B. bei Roca Nova, Serrinha, Capao Grande, Ponta Grossa u. s. w. Nr. 3956 und 4212 (November 1904) und 7925 (April 1909)"; Ponta Grossa, 4 Apr 1909, Dusén 7925, ♀ (HBG!, lectotype, designated by Müller 2006a: 114, G!, isolectotype); Dusén 3956, ♂ (HBG!, syntype); Dusén 4212, ♂ (HBG!, WU!, syntypes)

= *Baccharis microdonta* DC.

173. *Baccharis mesoneura* DC., Prodr. 5: 412. 1836. Type: Brazil; "in Brasiliae prov. Sancti-Pauli. ... (v. s. ... in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 501 miss.)"; *Sellow s.n.*, ♀ (P!, holotype, G-DC!, isotype)

Ic.: Barroso 1976: Fig. 8, 10, 12 (hairs); Malagarriga 1977: dessin 99 (leaf)

Brazil

Baccharis subgen. *Baccharis*

Baccharis mesoneuroides Toledo ex G. M. Barroso, *Rodriguésia* 28(40), 128. 1976 [pro syn. *Baccharis oreophila* Malme]

174. *Baccharis mexicana* Cuatrec., Brittonia 12: 195. 1960. *Neomolina mexicana* (Cuatrec.) F. H. Hellw., Candollea 48: 213. 1993. Type: Mexico; "Oaxaca: Sierra de San Felipe, 6500 ft, 11 Oct 1894, ♀, ♂, C. G. Pringle 4954" (US, holotype, G!, W!, isotypes)

Ic.: Malagarriga 1977: dessin 362 (leaf)

Mexico

Baccharis subgen. *Pteronioides* Heering

Baccharis meyeniana Walp., Nov. Act. Acad. Caes. Leop.-Carol. Nat. Cur. 19, Suppl. 1: 295. 1843 [nom. superfl.] *Vernonia octangularis* Meyen, Reise 1: 444. 1834. Type: ?

= ?

Baccharis micrantha Kunth, H. B. K., Nov. gen. sp. 4: 60. 1818. Type: Mexico; "prope Guanajuato Mexicanorum, alt. 1070 hex."; Humboldt & Bonpland 4259 (P!, holotype)

= *Archibaccharis serratifolia* (Kunth) S. F. Blake

175. *Baccharis microcephala* (Less.) DC., Prodr. 5: 425. 1836. *Molina microcephala* Less., Linnaea 6, 142. 1831. Type: Brazil; "In Brasilia Sellow"; Sellow d248 = M. I. B. 742, ♀ (K!, P!, isotypes)

Baccharis microptera Baker, Fl. bras. (Martius) 6(3): 42. 1882.

Ic.: Cabrera 1974: Fig. 139; Malagarriga 1977: dessin 320; Diesel 1987: Fig. 11; Soria 1993: lám. 2; Heiden & al. 2009a: Fig. 9a-f

Argentina, Brazil (MG, PR, RS, SC, SP), Paraguay, Uruguay

Baccharis subgen. *Molina* (Pers.) Heering

176. *Baccharis microdonta* DC., Prodr. 5: 416. 1836. Type: Brazil; "in Brasiliae prov. Sancti-Pauli. ... (v. s. in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 483 miss.)"; Sellow 4936 = M. I. B. 483, ♂ (P!, holotype, G-DC!, isotype)

Baccharis refracta Burchell ex Baker, Fl. bras. (Martius) 6(3): 64. 1882.

Baccharis sebastianopolitana Baker, Fl. bras. (Martius) 6(3): 65. 1882.

Baccharis dracunculifolia var. *subdentata* Kuntze, Rev. gen. 3(2): 132. 1898.

Baccharis meridionalis Heering & Dusén, Ark. Bot. 9(15): 26. 1910.

Baccharis wilsoniana Malag., Bol. Inst. Geobiol. Canoas 2: 11. 1949.

Ic.: Dusén 1910: Fig. 10, Taf. 7; Malagarriga 1977: dessin 74, dessin 233 (leaf), dessin 343; Cabrera 1978: Fig. 93; Müller 2006a: Fig. 38; Oliveira & Marchiori 2006: Fig. 7

Argentina (CA, JU, SA, TU), Bolivia (CH, CO, SC, TA), Brazil (MG, PR, RJ, RS, SC, SP), Paraguay, Uruguay

Baccharis subgen. *Baccharis*

Baccharis microglossa Reineck ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 156. 1977 [pro syn. *Solidago chilensis* Meyen]

Baccharis microphylla Kunth, H. B. K., Nov. gen. sp. 4: 55. 1818. Type: Colombia; "prope Santa Fe de Bogota"; ♀♂ (P-HBK!, holotype, B-Willd-15562!, F!, fragment, P!, 3×, US!, isotypes)

= *Baccharis tricuneata* (L. f.) Pers.

Baccharis microphylla DC., Prodr. 5: 406, 1836 [non Kunth 1818]. *Baccharis candolleana* Steud., Nomencl. bot., ed. 2 1, 177. 1840. *Brickellia microphylla* Hieron., Bot. Jahrb. Syst. 28: 583. 1901. *Eupatorium incarum* B. l. Rob., Mem. Gray Herb. 1: 122. 1917. Type: "in Peruvia legit cl. Haenke ... v. s. in h. Haenk. à cl. de Sternberg comm." (G-DC!, isotype)

≡ *Nothobaccharis candolleana* (Steud.) King & H. Rob.

Baccharis microphylla var. *integrifolia* Wedd. ex Sch. Bip., *Bull. Soc. Bot. France* 12: 81. 1865 [nom. nud.]
Original material: Bolivia; Mandon "190"; ♀♂ (G!, GH!, NY!, P!, W!)
= *Baccharis linearifolia* subsp. *polycephala* (Wedd.) Joch.Müll. (p.p.), *B. papillosa* subsp. *integrifolia* Joch.
Müll.? (p.p.), *B. tola* var. *incarum* (Wedd.) Joch. Müll. (p.p.)

Baccharis microphylla var. *linearifolia* Wedd. ex Sch. Bip., *Bull. Soc. Bot. France* 12: 81. 1865 [nom. nud.]
Original material: Bolivia; Mandon "189"; ♂ (G!, 2×, GH!, NY!, 2×, P!, W!, 2×)
= *Baccharis linearifolia* subsp. *polycephala* (Wedd.) Joch.Müll.

Baccharis microphylla subvar. *prostrata* Wedd., *Chlor. and.* 1: 170. 1856 [nom. nud.] Original material not
indicated in the protologue; Illimani, Pentland s.n. (P-218057!)
= *Baccharis caespitosa* (Ruiz & Pav.) Pers. subsp. *caespitosa*

Baccharis microphylla var. *pulverulenta* Rusby, *Mem. Torrey Bot. Club* 3(3): 56. 1893.
Baccharis tricuneata var. *pulverulenta* (Rusby) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís.
Nat.* 13: 217. 1969. Type: Bolivia, "Vic. La Paz, 10,000 ft., 1889 ({Bang}74). = Rusby 1566";
Yungas, 6000 ft., 1885, Rusby 1566 (NY!, lectotype, designated by Müller 2006a: 105,
MICH!, NY, isolectotypes)
= *Baccharis linearifolia* subsp. *polycephala* (Wedd.) Joch.Müll.

Baccharis microphylla var. *rhomboidea* Wedd. ex Sch. Bip., *Bull. Soc. Bot. France* 12: 81. 1865 [nom. nud.]
Original material: Bolivia; Mandon "191"; ♀♂ (G!, GH!, 2×, MICH!, NY!, P!)
= *Baccharis papillosa* subsp. *integrifolia* Joch. Müll.?

Baccharis microphylla var. *viscosa* Wedd. ex Sch. Bip., *Bull. Soc. Bot. France* 12: 81. 1865 [nom. nud.] Original
material: Bolivia; Mandon "188"; ♀♂ (G!, NY!, P!, 3×)
= *Baccharis linearifolia* subsp. *polycephala* (Wedd.) Joch.Müll. (p.p.), *B. tola* var. *incarum* (Wedd.) Joch.
Müll. (p.p.)

Baccharis micropoda Baker, *Fl. bras. (Martius)* 6(3): 88. 1882. Type: Brazil. "in Serra de
Canarra: Sello n. 813! 1022!" (not seen)
= *Baccharis reticularia* DC. (Barroso 1976; Oliveira & Marchiori 2006)

Baccharis microptera Baker, *Fl. bras. (Martius)* 6(3): 42. 1882. Type: Brazil; "in campis
siccis Brasiliae centralis, e. gr. in prov. Mato Grosso ad Cuyabá: Manso!; in Minas Geraes
ad Caldas: Regnell III. n. 759! Widgren n. 267!; in S. Paulo ad Sorocaba: Lund!; in prov. Rio
de Janeiro: Glaziou n. 11079!"; Glaziou 11079, ♀ (P!, 2×, lectotype, designated by
Malagarriga 1958: 287, K!, isolectotype); Regnell 3: 759, ♂ (BR!, P!, 2×, syntypes);
Widgren 264, ♂ (M!, syntype)
= *Baccharis microcephala* (Less.) DC.

Baccharis microthamna Sch. Bip. ex Baker, *Fl. bras. (Martius)* 6(3): 70. 1882. Type: Brazil;
"prope Rio de Janeiro in montosis altis: Glaziou n. 4848! 5905! 6033!; sine designatione
loci: Sello n. 1566!"; Sellow s.n. (GH!, fragment, syntype)
= *Baccharis selloi* Baker (p.p., Barroso 1976)

177. *Baccharis milleflora* (Less.) DC., *Prodr.* 5: 426. 1836. *Molina milleflora* Less., *Linnaea*
6: 143. 1831. *Baccharis genistelloides* var. *milleflora* (Less.) Baker, *Fl. bras. (Martius)* 6(3):
41. 1882. Type: not indicated in the protologue; Brazil, *Sellow s.n.*, often ex B, ♀♂ (BR!, G-
DC!, HBG!, fragment, K!, P!, W!, probable isotypes)
Ic.: Malgarriga 1977: dessin 242; Diesel 1987: Fig. 9, Fig. 10; Heiden & al. 2009: Fig. 9g-j
Brazil (MG, PR, RS, SC, SP), Paraguay, Uruguay?
Baccharis subgen. *Molina* (Pers.) Heering

Baccharis minarum Sch. Bip., *Linnaea* 30: 181. 1859-1860 [nom. nud.] Original Material: Brazil; Regnell "I. 241"; ♂ (P!)
= *Baccharis calvescens* DC.

178. *Baccharis minutiflora* Mart. ex Baker, *Fl. bras. (Martius)* 6(3): 69. 1882. Type: Brazil; "in montibus Brasiliae orientalis, e. gr. in prov. Minas Geraes, ad Capanema etc.: Martius n. 828!; prope cachoeira do Campo: Claussen!; in umbrosis arenosis ripae fluminis Percic (?) et in arenosis prope Diamantina: Riedel!; praetera legit Sello n. 1310! 2132!"; *Martius Herb. Bras.* 828, ♂ (G!, M!, 4×, P!, W!, syntypes); *Ridel' s.n.*, ♀♂ (G!, GH!, syntypes); *Sellow 1310*, ♂ (GH!, 2×)
Ic.: Malagarriga 1977: dessin 47
Brazil (BA, MG)
Baccharis subgen. *Baccharis*

Baccharis mirabilis Heering, *Jahrb. Hamb. Wiss. Anst. 31, Beih. 3*: 91. 1914. Type: Argentina, "Mendoza: Quebrado del Toro, Cerro Pelado, ca. 2400 m ü. d. M. an Bächen sehr häufig (F. Kurtz n. 9403 - 18.-22. Jan. 1897, ♂)" (HBG!, fragment, holotype)
= *Baccharis salicifolia* subsp. *calliprinos* (Griseb.) Joch. Müll.

Baccharis mocoaflorensis Cuatrec., *Mutisia* 17: 7. 1953. *Baccharis salicifolia* var. *mocoaflorensis* (Cuatrec.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 30. 1967. Type: Colombia; "Comisaria del Putumayo; Mocoa, en las márgenes del río Mocoa, donde constituye formaciones de playa, 570 m. alt. Colect. 27-XII-1940 J. Cuatrecasas 11376" (US, holotype)
= *Baccharis salicifolia* (Ruiz & Pav.) Pers. subsp. *salicifolia*

179. *Baccharis mollis* Kunth, H. B. K., *Nov. gen. sp.* 4: 58. 1818. Type: Ecuador. "propter urbem Quití, alt. 1460 hex."; ♂ (P-HBK!, holotype, P!, isotype)
Ic.: Malagarriga 1977: dessin 46 (leaves)
Ecuador
Baccharis subgen. *Molina* (Pers.) Heering

Baccharis monantha Sch. Bip. ex Baker, *Fl. bras. (Martius)* 6(3): 69. 1882 [pro syn. *Baccharis minutiflora* Mart. ex Baker]

180. *Baccharis montana* DC., *Prodr.* 5: 404. 1836. Type: Brazil; "in montosis prov. Rio-de-Janeiro vulgaris. Flores albidis octob. profert ex Lund. mss."; Rio de Jan., *Lund* 22, ♂ (G-DC!, syntype); Serra d'Estrella, *Lund* 106 (G-DC!, syntype)
Baccharis elaeagnoides Steud. ex Baker, *Fl. bras. (Martius)* 6(3): 53. 1882. *Baccharis semiserrata* var. *elaeagnoides* (Steud. ex Baker) Govaerts, *World checkl. seed pl.* 2 (1): 9. 1996.
Ic.: Malagarriga 1977: dessin 256 (leaves)
Argentina, Brazil (ES, MG, PR, RJ, RS, SC, SP), Paraguay
Baccharis subgen. *Baccharis*

Baccharis montana Sch. Bip. ex Baker, *Fl. bras. (Martius)* 6(3): 78. 1882 [pro syn. *Baccharis schultzii* Baker]

Baccharis montevidensis Spreng., *Syst. veg.* 3: 460. 1826. Type: Uruguay. "Monte Video. Sello" (P!, holotype)
≡ *Vernonanthura montevidensis* (Spreng.) H. Rob.

Baccharis montevidensis Sch. Bip. ex Baker, *Fl. bras. (Martius)* 6(3): 57. 1882 [pro syn. *Baccharis coridifolia* DC.]

Baccharis montevidensis Sch. Bip. ex Baker, *Fl. bras. (Martius)* 6(3): 59. 1882 [pro syn. *Baccharis pingraea* DC.]

Baccharis monttiana Phil., *Anales Univ. Chile* 87: 702. 1894 ["montteana"]. Type: Chile, "ad Algarrobo Aprili 1881 legi, socio Ludovico Montt" (LP, holotype)
= *Baccharis linearis* (Ruiz & Pav.) Pers. **subsp. linearis** (Malagarriga 1977, Hellwig 1990)

Baccharis moritziana Hieron., *Bot. Jahrb. Syst.* 19: 50. 1894. *Baccharis decussata* f. *moritziana* (Hieron.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13 (49): 46. 1967. Type: Colombia, Venezuela; "Venezuela: prope urbem Merida (leg. Moritz n. 1362); ubi floret mense Januario. - Columbia: crescit in fruticetis apertis prope Popayan alt. 1500-2000 m s. m., unde floret mense Junio et Julio (n. 4882)"; Lehmann 4882, ♂ (K!, NY!, syntypes); Moritz 1362, ♀ (P!, syntype)
= *Baccharis decussata* (Klatt) Hieron. **subsp. decussata**

Baccharis moritziana var. *subcrenatoserrata* Hieron., *Bot. Jahrb. Syst.* 29: 23. 1901. Type: Ecuador; "Crescit in silvis vallis Mindo, alt. s. m. 1200 m (S.[odiro] n. 16/19)"
= *B. decussata* (Klatt) Hieron.

Baccharis moritziana Sch. Bip. ex Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 157. 1977 [pro syn. *Baccharis mucuchiesensis* Hieron.]

Baccharis mucronata Kunth, H. B. K., *Nov. gen. sp.* 4: 60. 1818. Type: Colombia. "cum praecedente" [in declivitate montium Guanaxuatensium prope fodiam Sanctae Rosae et Los Ioares, alt. 1400 hex. (Nova Hisp.)]; Humboldt & Bonpland 4262, ♂ (P-HBK!, holotype)
= *Archibaccharis serratifolia* (Kunth) S. F. Blake

Baccharis mucronata Hook. & Arn., *Bot. Beech. voy.* 1: 30. 1830 [non Kunth 1818]. *Baccharis hookeriana* DC., *Prodr.* 5: 414. 1836. Type: Chile, "Coquimbo"
= *Haplopappus hookerianus* A. Gray (Malagarriga 1977)

Baccharis mucuchiesensis Hieron., *Bot. Jahrb. Syst.* 21: 342. 1895. Type: Colombia; "crescit in Páramo de Mucuchies, ubi floret mense Septembri-Octobri (coll. Moritz n. 1412)"
= *Baccharis tricuneata* (L. f.) Pers. **s.l.** (Aristeguieta 1964; Cuatrecasas 1967, Cuatrecasas 1969)

Baccharis muelleri Baker, *Fl. bras. (Martius)* 6(3): 61. 1882. Type: Brazil. "in prov. S. Catharina, ad Barra do Itajahy: D'Urville! F. Mueller n. 355!"; Müller 255 (K!, lectotype, designated by Barroso 1976: 99); d'Urville s.n. (K!, P!, 3×, syntypes)
= *Baccharis urvilleana* Brongn.

181. *Baccharis multiflora* Kunth, H. B. K., *Nov. gen. sp.* 4: 59. 1818. *Neomolina multiflora* (Kunth) F. H. Hellw., *Candollea* 48: 213. 1993. Type: Mexico; "in frigidis montium Mexicanorum juxta Tianguillo et prope urbem Tolucae, alt. 1500 hex."; Humboldt & Bonpland 4372, ♀ (P-HBK!, holotype, B-Willd-15593!, isotype)
Baccharis subgen. *Pteronioides* Heering

Baccharis multiflora* Kunth var. *multiflora

Ic.: Matuda 1957: Fig. 36-37; Malagarriga 1977: dessin 265 (leaf)

Mexico

Baccharis multiflora var. *brevipappa* McVaugh, *Contr. Univ. Michigan Herb.* 9:363. 1972.
= *Baccharis brevipappa* (McVaugh) G. L. Nesom

Baccharis multiflora var. **herbacea** McVaugh, *Contr. Univ. Michigan Herb.* 9: 364. 1972.
Type: Mexico; "Michoacan: Coalcomán, pine-fir forests on limestone, near summits ca. 25 km SW of Aserradero, Dos Aguas, nearly west of Aguililla, elev. 2400-2500 m, 6 Mar 1965, McVaugh 22846" (MICH, holotype)
Mexico

182. Baccharis multiflosculosa Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 79. 1916.
Type: Argentina, "Tucuman: Dep. Tafi, 2200 m ü. d. M., in barrancas (Lillo n. 8649 - 29. Nov. 1908)"; ♀ (HBG!, holotype, GH!, isotype)
Ic.: Malagarriga 1977: dessin 321; Müller 2006a: Fig. 71
Argentina (CA, SA, TU), Bolivia (TA)
Baccharis subgen. *Molina* (Pers.) Heering

183. Baccharis multifolia A. S. de Oliveira, Deble & Marchiori, *Balduinia* 7: 17. 2006. Type: Brazil; "Rio Grande do Sul, Alegrete, Cerro do Tigre, ... An. S. de Oliveira 5584 & L. P. Deble, 2.IV.2005. Holotypus MBM. Isotypi SI, CTES, PACA"; ♀♂ (SI!, isotype)
Ic.: Oliveira & Marchiori 2006: Fig. 8
Brazil (RS)
Baccharis subgen. *Baccharis*

Baccharis multipaniculata An. S. de Oliveira & Deble, *Bonplandia* 17: 18. 2008. Type: Brazil; "Santa Catarina: Curitibanos, no campo, ♀, 10-IV-2004, R. Reitz & R. M. Klein 12222" (HBR, holotype)
= *Baccharis scabrifolia* G. Heiden

Baccharis multisulcata Baker, *Fl. bras. (Martius)* 6(3): 45. 1882. Type: Brazil; "in prov. Minas Geraes ad Lagoa Santa: Warming!"; Warming 151, ♀♂ (K!, holotype, P!, isotype)
= *Baccharis orbignyana* Klatt

184. Baccharis mutisiana Cuatrec., *Mutisia* 17: 8. 1953. Type: Colombia; "Dep. Boyacá; between Soatá and Cocuy: valle de la Uvita: El Hatico thickets and forest 2900 m. alt. Colect. 7-IX-1938, J. Cuatrecasas et H. García-Barriga 1168"; ♀ (US, holotype, P!, isotype)
Ic.: Cuatrecasas 1967: Fig. 14; Cuatrecasas 1969: Fig. 70; Malagarriga 1977: dessin 295
Colombia, Venezuela
Baccharis subgen. *Pteronioides* Heering

185. Baccharis mylodontis F. H. Hellw., *Mitt. Bot. Staatssamml. München* 29: 195. 1990. Type: Chile; "XII. Region, de Magallanes, vor der Cueva del Milodón, 31. 1. 1986, Hellwig 7791" (M, holotype, JE!, isotype)
Ic.: Hellwig 1990: Abb. 55-58
Chile
Baccharis subgen. *Baccharis*

186. Baccharis myricifolia DC., *Prodr.* 5: 405. 1836 ["myricaefolia"]. Type: Brazil; "in Brasiliae prov. Sancti-Pauli"; in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 484 miss."; *Sellow s.n.* = *M. I. B.* 484, ♀ (P!, holotype, G-DC!, isotype)

Baccharis perlata Sch. Bip. ex Baker, Fl. bras. (Martius) 6(3), 62. 1882.
Baccharis xiphophylla Baker, Fl. bras. (Martius) 6(3): 68. 1882.
Ic.: Barroso 1976: Fig. 82 (leaf), Fig. 88; Malagarriga 1977: dessin 114 (leaves)
Brazil (MG, PR, SC, SP)
Baccharis subgen. *Baccharis*

Baccharis myricifolia var. *xiphophylla* Malag., Mem. Soc. Ci. Nat. La Salle 37: 157. 1977 [nom. inval., Art. 32.5]
= *Baccharis myricifolia* DC.

Baccharis myriocephala DC., Prodr. 5: 426. 1836. Type: Brazil; "in Brasiliae prov. Minas Geraes legit cl. Vauthier (pl. exs. n. 265!) et in Bandâ orientali (Bacle!)"; Vauthier 265, ♀ (P, lectotype, designated by Malagarriga 1958: 287, G!, G-DC!, W!, isolectotypes); 1834, Bacle, ♀ (G-DC!, syntype)
= *Baccharis genistelloides* subsp. *crispa* (Spreng.) Joch. Müll.

Baccharis myriocephala Baker, Fl. bras. (Martius) 6(3): 93. 1882 [non DC. 1836].
= *Baccharis pseudomyriocephala* Malag.

187. *Baccharis myrsinites* (Lam.) Pers., Syn. pl. 2: 424. 1807. *Conyza myrsinites* Lam., Encycl. 2: 92. 1786. Type: Dominican Republic; "croît à St. Domingue, & a été observée par M. Thierry; qui en a envoyé des morceaux à M. Thouin" (P-Lam!, holotype, on sheet with *Conyza magellanica* and *C. linearifolia*)
Baccharis subgen. *Baccharis*

Baccharis myrsinites (Lam.) Pers. var. ***myrsinites***
Ic.: Malagarriga 1977: dessin 323 (leaves); Liogier 1996: Fig. 210-10
Dominican Republic, Haiti

Baccharis myrsinites* var. *mornicola Urb., Repert. Spec. Nov. Regni Veget. 19: 9. 1923.
Type: Haiti; "Hab. in Haiti in Morne Trachant in fruticeto aprico 1800 m alt., m. Jun. flor.: Buch no. 204" (not seen)
Haiti

Baccharis myrsinoides Hook. & Arn., J. Bot. 3: 32. 1841. Type: Uruguay, "Uruguay. Tweedie (n. 1000)" (not seen)
= *Baccharis linearifolia* (Lam.) Pers. (Baker 1882, Arechavaleta 1907, Malagarriga 1977)

Baccharis myrtilloides Griseb., Abhandl. Königl. Ges. Wiss. Göttingen 19: 176. 1874.
Baccharis tucumanensis var. *myrtilloides* (Griseb.) Cabrera, Fl. Prov. Jujuy 10: 221. 1978.
Type: Argentina: "Tucuman, in Cuesta de Juntas, ubi ad verticem usque integra format fruticeta. Catamarca, frequens in convalle excelsa Granadillas pr. Belen"; Granadillas in den Alpen von Belen, Feb 1872, Lorentz 553, ♂ (GOET!, lectotype, designated by Müller 2006a: 54, G!, isolectotype); "Höhe der Cuesta de Juntas", 23 Mar 1872, Lorentz 130 (GOET!, syntype)
= *Baccharis tucumanensis* Hook. & Arn.

Baccharis myrtilloides f. *angustifolia* Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 128. 1916. *Baccharis tucumanensis* var. *angustifolia* (Heering) Cabrera, Fl. Prov. Jujuy 10: 223. 1978. Type: Argentina; "Córdoba: San Miguel (Stuckert n. 8748)" (HBG!, holotype)
= *Baccharis tucumanensis* Hook. & Arn.

Baccharis nana D. Don ex Baker, *Fl. bras. (Martius)* 6(3): 56. 1882. Type: Argentina. "in Patagonia boreali, ad Los Llamos de Bahia blanca: Tweedie! prope Bonaria, im Pampas S. Bernardo: Gillies n. 187!"; Gillies 187 (K!, syntype); Tweedie s.n., ♂ (K!, syntype)
= *Baccharis gilliesii* Hook. & Arn.

Baccharis nana Chodat & Hassl. ex Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 128. 1916. [pro syn. *Baccharis subpingraea* Heering]

188. *Baccharis napaea* G. Heiden, *Phytotaxa* 66: 50. 2012. Type: Brazil; Paraná, Palmas, Horizonte, Campos de Água Doce e Palmas, 1303 m, 8 Feb 2011, Heiden & al. 1581, ♀ (SPF, holotype, F, FLOR, ICN, JE, K, LP, MBM, MVFA, MO, PACA, RB, SP, US, isotypes)

Ic.: Heiden & Pirani 2012b: Fig. 1

Brazil (PR, RS, SC)

Baccharis subgen. *Tarchonanthoides* Heering

189. *Baccharis nassauvioides* An. S. de Oliveira & Deble, *Bonplandia* 17: 20. 2008. Type: Brazil; "Rio de Janeiro: Itatiaia, Prateleiras, 2.200 m s. m., ♀, 8-V-1975, A. M. Camerish 57a" (RB, holotype)

Ic.: Oliveira & Deble 2008: Fig. 4

Brazil (RJ)

Baccharis subgen. *Baccharis*

190. *Baccharis neaei* DC., *Prodr.* 5: 411. 1836. Type: Chile; "in Amer. merid. Cordillera del Portillo legit cl. Née" (G-DC!, holotype)

Baccharis rhetinodes Meyen & Walp., *Nov. Act. Acad. Caes. Leop.-Carol. Nat. Cur.* 18, Suppl. 1: 265. 1843.

Baccharis bezanilleana Remy, in Gay, *Fl. chil.* 4: 98. 1849.

Baccharis solieri Remy, in Gay, *Fl. chil.* 4: 98. 1849 ["solierii"].

Baccharis solisii Phil., *Anales Univ. Chile* 27: 330. 1865.

Baccharis subandina Phil., *Anales Univ. Chile* 87: 707. 1894. *Baccharis rosmarinifolia* var. *subandina* (Phil.) Reiche, *Anales Univ. Chile* 111: 173. 1903.

Baccharis williamsii Phil., *Anales Univ. Chile* 87: 701. 1894. *Baccharis solieri* var. *williamsii* (Phil.) Heering, *Anales Univ. Chile* 111: 170. 1903.

Baccharis talcareguiensis Heering, *Anales Univ. Chile* 111: 174. 1903.

Ic.: Cabrera 1971: Fig. 85, 86; Malagarriga 1977: dessin 155 (leaves), dessin 164 (leaf); Hellwig 1990: Abb. 60-64

Argentina, Chile

Baccharis subgen. *Baccharis*

Baccharis nebulae Malag. & Hatschbach ex A. S. Oliveira *Balduinia* 17: 6. 2009. Type: Brazil; Paraná. Campina Grande do Sul, Pico Caratuva, 1950 m, 5 Oct 1967, Hatschbach 17311, ♂ (MBM, holotype)

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.

Baccharis negerii Heering, *Anales Univ. Chile* 111: 178. 1903. Type: Chile; "Provincia de Valdivia (Palquin, en el extremo norte de la provincia, en compania de num. 22. B. lycioides)"; Anden Villarica, 1897, Neger s.n. (M, lectotype, designated by Hellwig 1990, HBG!, isolectotype)

= *Baccharis lycioides* Remy

191. *Baccharis neglecta* Britton, *Ill. fl. N. U.S.* 3: 394. 1898. Type: USA; Texas, 1847-1848, ♀, Lindheimer 635 (NY!)

Ic.: Matuda 1957: Fig. 28-29; Malagarriga 1977: dessin 266 (leaves)
Mexico (CH, CO, NL, SL, TA), USA (TX)
Baccharis subgen. *Baccharis*

Baccharis nemorosa Phil., *Anales Univ. Chile* 87: 708. 1894. *Baccharis rhomboidalis* var. *nemorosa* (Phil.) Heering, *Anales Univ. Chile* 111: 179. 1903. Type: Chile, "habitat in nemoribus Araucaniae, ad Curanilahue, Octob. 1891 legi" (SGO-60627, lectotype, designated by Hellwig 1990)
= *Baccharis rhomboidalis* Remy (Cabrera 1971, Malagarriga 1977, Hellwig 1990, Giuliano & Ariza Espinar 1999, Giuliano 2000)

192. *Baccharis neorupestris* Deble & A. S. Oliveira, *Bonplandia (Corrientes)* 20: 32. 2011. *Baccharis rupestris* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 132. 1916 [non (L.) Desf. 1804]. Type: Argentina; "Tucuman: Dep. Jamailla, Cumbre de Malamala, 3400 m ü. d. M., zwischen Felsen (Lillo n. 3427 - 6. April 1904); Cuesta de Malamala, 2800 m ü. d. M. (Lillo n. 3495 - 2. April 1904)"; *Lillo 3427*, ♀♂ (HBG!, syntype); *Lillo 3495*, ♂ (HBG!, syntype)
Ic.: Malagarriga 1977: dessin 195 (leaf); Cabrera 1978: Fig. 92A-G
Argentina
Baccharis subgen. *Baccharis*

Baccharis neriifolia L., *Sp. pl.* 860. 1753. Type: "Aethiopia ... *Baccharis foliis lanceolatis superne uno alterove denticulato serratis*. *Hort. cliff.* 404. *Roy. lugdb. 152. *Arbuscula foliis nerii*. Boerh. lugdb. 2. p. 263" (LINN-992-2, original specimen?)
= *Brachylaena neriifolia* (L.) R. Br. (de Candolle 1836; Malagarriga 1977; Hellwig 1990)

193. *Baccharis nervosa* DC., *Prodr.* 5: 399. 1836. Type: France, Guadeloupe, Trinidad; "in insul. Trinitatis (Sieb.!) et Guadelupa (Krauss!). *Eupatorium nervosum* Sieb.! fl. trin. exs. 76. non Swartz"; *Kohaut s.n.*, "Sieber" *Fl. Trinit.* 76, ♂ (P!, 2×, lectotypes, designated by Malagarriga 1958: 295, G-DC!, M!, W!, 2×, syntypes); Guadeloupe, 1818, *Krauss s.n.*, ♂ (G-DC!, syntype)
Ic.: Malagarriga 1977: dessin 1 (leaf)
Guadeloupe, Martinique, Trinidad and Tobago
Baccharis subgen. *Molina* (Pers.) Heering

194. *Baccharis niederleinii* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 164. 1916. Type: Argentina; "Rioja: Cuesta de la Puerta de Piedra [Cuesta de Sigü; Sierra Velasco (Hieronymus & Niederlein, 8.-11. Jan. 1879, ♂ in Blüte)" (CORD, isotype)
Baccharis subgen. *Molina* (Pers.) Heering

Baccharis niederleinii* Heering var. *niederleinii
Argentina

Baccharis niederleinii* var. *potrerillana Ariza, *Bol. Acad. Nac. Ci. Córdoba* 50: 240. 1973. Type: Argentina; "Prov. La Rioja: Dpto. no identificado: Ladera W., Sierra de Famatina, Río Potrerillos, Krapovickas y J. H. Hunziker 5443, 17-I-1949" (CORD, holotype)
Argentina

195. *Baccharis nipensis* Urb., *Repert. Spec. Nov. Regni Veget.* 26: 104. 1929. Type: Cuba; "Hab. in Cuba prov. Oriente in Sierra de Nipe prope Woodfred ad Arroyo del Medio in saxis arduis expositis, m. Sept. flor.: Ekman no. 15276, ibidem in carrascales m. Sept. flor.: idem

no. 15072, ibidem ad Rio Piloto in carrascales, m. Jun. fruct.: idem no. 2339, 6019"; *Ekman* 15276 (NY!, syntype)

Ic.: Malagarriga 1977: dessin 150 (leaves)

Cuba

Baccharis subgen. *Baccharis*

196. *Baccharis nitida* (Ruiz & Pav.) Pers., Syn. pl. 2: 425. 1807. *Molina nitida* Ruiz & Pav., Syst. veg. 204. 1798. Type: Peru; "in Peruviae altis et silvaticis locis, versus Pillao et Panao tractus"; ♀♂ (P!, 2×, lectotype, designated by Malagarriga 1958: 288, B!, F!, fragment, G!, 3×, K!, MA!, 2×)

Baccharis prinoides Kunth, H. B. K., Nov. gen. sp. 4: 56. 1818.

Baccharis oronocensis DC., Prodr. 5: 422. 1836.

Baccharis popayanensis Hieron., Bot. Jahrb. Syst. 28: 593. 1901.

Baccharis oronocensis var. *perua* Cuatrec., Anales Univ. Madrid (Ci.) 4(2): 209. 1935.

Baccharis lepidota A. Gilli, Feddes Repert. 94: 306. 1983.

Ic.: Cuatrecasas 1967: Fig. 13 (leaves); Cuatrecasas 1969: Fig. 64, 69; Malagarriga 1977: dessin 56 (leaf); Torrico 1991: Fig. 12; Müller 2006a: Fig. 39

Argentina (SA), Bolivia (CO, LP, SC, TA), Colombia (AN, CA, CL, HU, NS, TO), Ecuador (BO, CA, CH, CO, LO, NA, PI, TU), Guyana, Peru (AM, AY, CA, CU, HU, PU), Venezuela

Baccharis subgen. *Baccharis*

Baccharis nitida Wall. ex DC., Prodr. 5: 445. 1836 [pro syn. *Blumea chinensis* DC.]

Baccharis nitida f. *angustifolia* Cuatrec., *Mutisia* 17: 11. 1953. *Baccharis nitida* var. *angustifolia* (Cuatrec.) Cuatrec., *Webbia* 24(1): 288. 1969. Type: Colombia; "Dep. Cauca: entre Popayán y Puracé: Quebrada de Aguaregada, 2050-2100 m. alt. ... Colect. 30-XII-1942, J. Cuatrecasas 13811" (F, holotype)

= *Baccharis nitida* (Ruiz & Pav.) Pers.

Baccharis nitida var. *brevifolia* Cuatrec., *Webbia* 24(1): 318. 1969 [nom. nud.] Original material: Colombia; Langenheim "3464"; ♀ (GH!)

= *Baccharis nitida* (Ruiz & Pav.) Pers.

197. *Baccharis nivalis* (Wedd.) Sch. Bip. ex Phil., Anales Univ. Chile 87: 705. 1894. *Heterothalamus nivalis* Wedd., Chlor. and. 1: 179. 1856. Type: Chile; "sables volcaniques du mont Pise!, Près de la limite inférieure des neiges perpétuelles (R. A. Philippi, exsicc., n. 52)"; ♂ (P!, holotype, G!, 2×, isotypes)

Psila caespitosa Phil., Anal. Mus. Nac. Chile 8: 36. 1891.

Lucilia dioica Phil., Anal. Univ. Chile 90: 6. 1895.

Palenia delfini Phil., Anal. Univ. Chile 90: 7. 1895.

Ic.: Weddell 1856, Pl. 31; Cabrera 1971: Fig. 80; Malagarriga 1977: dessin 322

Argentina, Chile

Baccharis juncea group

198. *Baccharis notosergila* Griseb., Abh. Königl. Ges. Wiss. Göttingen 24: 183. 1879. Type: Argentina; "E.[ntre Rios] ("Uruguay - Bonar.)"; Concepción, Apr 1875, *Lorentz* 23 (GOET!, syntype); Estancia de Heliton Lascano, 19 Feb 1876, *Lorentz* 652 (GOET!, syntype)

Baccharis curtifolia S. Moore, J. Bot. 42: 37. 1904.

Ic.: Cabrera 1974: Fig. 158; Barroso 1976: Fig. 43 (pappus bristle), Fig. 90; Malagarriga 1977: dessin 101, dessin 309

Argentina (BA, CH, CO, ER, FO, SF), Brazil (MS, RS), Paraguay, Uruguay

Baccharis subgen. *Baccharis*

Baccharis nuda (Vell.) DC., *Prodr.* 5: 424. 1836. *Chrysocoma nuda* Vell., *Fl. flum.* 335. 1829. Type: Brazil; "campis apricis mediterraneis ... Tab. 50a. T. 8"; Vellozo, *Fl. flum.* 8: t. 50 (neotype, designated by Müller 2006a: 245, as "lectotype")
= *Baccharis aphylla* (Vell.) DC.

199. *Baccharis nummularia* Heering ex Malme, Kungl. Svenska Vetenskapsakad. *Handl.* 12(2): 68. 1933. Type: Brazil; "Curytiba 7/10 08 (n. 6792), 13/9 15 (n. 17177), Pinhaes 29/10 08 (n. 7105), 14/10 14 (n. 1394a), Banhado 18/12 14 (18128). Hab. in paludibus et campis uliginosis" [all collected by Dusén]; *Dusén* 6792, ♀♂ (HBG!, syntype); *Dusén* 7105, ♀ (G!, syntype); *Dusén* 17177 (G!, syntype)

Baccharis barrosoana Mattos, *Loefgrenia* 45: 1. 1970.

Ic.: Mattos 1970; Barroso 1976: Fig. 74 (leaf, sub "*B. nummulariaefolia*"); Malagarriga 1977: dessin 103 (leaves)

Brazil (PR, RS, SC)

Baccharis subgen. *Baccharis*

Baccharis nummulariifolia G. M. Barroso, *Rodriguésia* 28(40): 217. 1976 ["nummulariaefolia", sphalm. for *Baccharis nummularia* Heering ex Malme]

Baccharis oaxacana Greenm., *Proc. Amer. Acad. Arts* 40: 37. 1904. *Hemibaccharis oaxacana* (Greenm.) S. F. Blake, *Contr. U. S. Natl. Herb.* 20: 546. 1924. *Archibaccharis oaxacana* (Greenm.) S. F. Balke, *Contr. U. S. Natl. Herb.* 23: 1508. 1926. Type: Mexico; "State of Oaxaca: Sierra de San Felipe, no. 6257 ... distributed as *Baccharis hieraciifolia*, Hemsl.; in the same locality, 3 August, 1894, C. G. Pringle, no. 5669"; Pringle 5669 (GH, syntype); Pringle 6257 (G!, GH, HBG!, M!, W!, syntypes)
= *Archibaccharis auriculata* (Greenm.) G. L. Nesom (Nesom 1988a)

Baccharis oblanceolata Rusby, *Mem. Torrey Bot. Club* 6: 61. 1896. Type: Bolivia; "Mapiri, July-Aug, 1892 ([Bang] 1490)"; ♀♂ (NY-162280!, lectotype, designated by Müller 2006a: 279, A!, BM!, C!, 2×, F!, G!, 2×, GH!, HBG!, fragment, K!, MICH!, MO!, NY!, UPS!, US!, W!, WU!, isotypes)

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.

Baccharis obliquifolia Steud. ex Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 158. 1977 [pro syn. *Baccharis serrulata* (Lam.) Pers.]

200. *Baccharis oblongifolia* (Ruiz & Pav.) Pers., *Syn. pl.* 2: 424. 1807. *Molina oblongifolia* Ruiz & Pav., *Syst. veg.* 203. 1798. Type: "in Regni Chilensis silvis, versus Conceptionis urbem, et Hualpen tractus" [erroneous, must be from Peru]; ♀ (MA!, holotype, B!, fragment, G!, isotypes)

Baccharis berberidifolia Kunth, H. B. K., *Nov. Gen. Sp.* 4: 57. 1818.

Chrysocoma indivisa Vell., *Fl. flum.* 326. 1829?

Baccharis brachylaenoides DC., *Prodr.* 5: 421. 1836. *Psila brachylaenoides* (DC.) Aristeg., *Fl. Venezuela* 10(1): 316. 1964.

Baccharis ligustrina DC., *Prodr.* 5: 421. 1836. *Pseudobaccharis ligustrina* (DC.) Malag., *Bol. Inform. Inst. Geobiol. "La Salle"* 1: 11. 1949. *Psila ligustrina* (DC.) Cabrera, *Bol. Soc. Argent. Bot.* 5: 211. 1955. *Baccharis brachylaenoides* var. *ligustrina* (DC.) Maguire & Wurdack, *Mem. New York Bot. Gard.* 9(3): 368. 1957. *Psila brachylaenoides* var. *ligustrina* (DC.) Aristeg., *Fl. Venez.* 10(1): 317. 1964.

Baccharis venulosa DC., *Prodr.* 5: 421. 1836.

?*Baccharis bupleuroides* Gardner, *London J. Bot.* 7: 86. 1848.

Eupatorium schomburgkii Benth. ex R. H. Schomb., Reisen Brit.-Guiana 3: 1077. 1848.
Baccharis vitis-idaea Oliv. ex Thurn, Timehri 5: 197. 1886.
Baccharis oblanceolata Rusby, Mem. Torrey Bot. Club 6: 61. 1896.
Baccharis venulosa var. *oblanceolata* Hieron., Bot. Jahrb. Syst. 28: 592. 1901. *Baccharis brachylaenoides* var. *oblanceolata* (Hieron.) Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13(49): 66. 1967.
Baccharis pellucida Hieron., Bot. Jahrb. Syst. 36: 482. 1905.
Baccharis meridensis Steyer., Fieldiana, Bot. 28: 622. 1953.
Baccharis ptariensis Steyer., Fieldiana, Bot. 28: 623-624. 1953.
Baccharis venulosa var. *cuspidibracteata* Steyer., Fieldiana, Bot. 28: 624. 1953.
Baccharis venulosa var. *occigranatensis* Cuatrec., Mutisia 17: 12. 1953. *Baccharis brachylaenoides* subsp. *occigranatensis* Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13(49): 69. 1967. *Baccharis brachylaenoides* var. *occigranatensis* (Cuatrec.) Cuatrec., Webbia 24(1): 287. 1969.
Baccharis grandimucronata Malag., Contr. Inst. Geobiol. Canoas 8: 38. 1957.
Pseudobaccharis polycephala Malag., Notulae Syst. 15(3): 295. 1958. *Baccharis pseudopolycephala* Malag., Mem. Soc. Ci. Nat. La Salle 37(107): 134. 1977. *Baccharis brachylaenoides* var. *rufidula* An. S. de Oliveira & Marchiori, Balduinia 5: 4. 2005.
Baccharis brachylaenoides var. *matthewsii* Cuatrec., Caldasia 10: 13. 1967.
Baccharis brachylaenoides f. *tergopilosa* Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13(49): 69. 1967.
Baccharis maguireana Malag., Mem. Soc. Ci. Nat. La Salle 37(107): 138. 1977.
Baccharis venulosoides Malag., Mem. Soc. Ci. Nat. La Salle 37: 139. 1977.
Baccharis wurdackiana Malag., Mem. Soc. Ci. Nat. La Salle 37(107): 138. 1977.
Ic.: Baker 1882, Tab. xxiv; Thurn & Oliver 1887: Pl. 43; Steyermark 1953: Fig. 137; Malagarriga 1954 (leaf); Cuatrecasas 1967: Fig. 13 (leaf), Fig. 14; Cuatrecasas 1969: Fig. 69, 70; Barroso 1976: Fig. 20, 21, 24-26, 30, 32 (hairs), 91; Malagarriga 1977: dessin 119 (leaves), dessin 237 (leaf), dessin 238 (leaf), dessin 239 (leaf), dessin 324 (leaf), dessin 331 (leaves), dessin 361 (leaf), dessin 369 (leaf), dessin 372 (leaf); Giuliano 1999: Fig. 1; Oliveira & Marchiori 2005b: Fig. 1, Fig. 2; Müller 2006a: Fig. 110
Argentina, Bolivia (CO, LP, SC), Brazil (AM, BA, ES, MG, MT, PR, RJ, RS, SC, SP), Colombia (NA), Ecuador (AZ, CA, LO, NA, ZC), Peru (AM, CU, LO, PA, SM), Venezuela
Baccharis oblongifolia group

Baccharis oblongifolia var. *glabriuscula* DC., Prodr. 5: 420. 1836.
= *Baccharis racemosa* (Ruiz & Pav.) Pers.

201. *Baccharis obovata* Hook. & Arn., Bot. Beech. Voy. 1: 30. 1830. Type: Chile; "Conception"; Valparaiso, Beechey's Voy. s.n. (K, lectotype, designated by Hellwig 1990: 217)

Baccharis subgen. *Baccharis*

Baccharis obovata (Ruiz & Pav.) DC., Prodr. 5: 408. 1836 [non Hook. & Arn. 1830]. *Molina obovata* Ruiz & Pav., Syst. veg. 206. 1798. Type: Peru; "in Peruviae collibus aridis, affatim ad Tarmae oppidum"; ♀♂ (MA!, lectotype, designated by Cabrera 1960, G!, G-DC!, GH!, 2×, MA!, P!, 5×, isotypes)
= *Baccharis linearifolia* subsp. *chilco* (Kunth) Joch. Müll.

Baccharis obovata Hook. & Arn. subsp. ***obovata***

Baccharis foliosa Gillies ex Hook. & Arn., J. Bot. 3: 30. 1841.

Ic.: Cabrera 1971: Fig. 84; Malagarriga 1977: dessin 173 (leaf); Hellwig 1990: Abb. 66-69

Argentina, Chile

Baccharis obovata var. *ecuadoriensis* Hieron., *Bot. Jahrb. Syst.* 28: 591. 1901. Type: Ecuador; "in fruticetis apertis montis Cerro Yanghuang prope Pindilic Andium orientalium in prov. Cuenca, alt. s. m. 3000-3200 m, mense Octobri florens (L.[ehmann] n. 5693)"; ♀♂ (B, holotype, destroyed, K!, isotype)

≡ ?

Baccharis obovata var. *poepigiana* (DC.) Cabrera, in Correa, *Fl. patag.* 7: 94. 1971.

≡ *Baccharis poepigiana* DC.

Baccharis obovata subsp. umbelliformis (DC.) F. H. Hellw., *Mitt. Bot. Staatssamml. München* 29: 217. 1990. *Baccharis umbelliformis* DC., *Prodr.* 5: 410. 1836. *Baccharis umbelliformis* f. *frigida* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, *Beih.* 3: 156. 1916 [nom. superfl.]. Type: "in Chili? Poepp. pl. exs. 860"; ♂ (G-DC!, holotype, BR!, W!, 3×, isotypes)
Ic.: Hellwig 1990: Abb. 72-74

Argentina, Chile

Baccharis obtusata Willd. ex Cuatrec., *Caldasia* 10: 12. 1967 [pro syn. *Baccharis obtusifolia* Kunth]

Baccharis obtusifolia Kunth, *H. B. K., Nov. gen. sp.* 4: 51. 1818. Type: Peru; "in frigidis prope Gonzanama Peruvianorum, alt. 1030 hex."; ♀ (P-HBK!, holotype, B-Willd-15577!, GH!, P!, fragment, isotypes)

= *Baccharis linearifolia* subsp. *chilco* (Kunth) Joch. Müll.

202. Baccharis occidentalis S. F. Blake, *Contr. U. S. Natl. Herb.* 22(8): 595, 1924. Type: Mexico; "hillsides near Guadalajara, Jalisco, Mexico, July 19, by C. G. Pringle (no. 4460)"; ♀♂ (US, holotype, GOET!, JE!, WU!, isotypes)

Ic.: Matuda 1957: Fig. 11-12; Malagarriga 1977: dessin 267 (leaves)

Mexico

Baccharis subgen. *Pteronioides* Heering

Baccharis occigranatensis Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 158. 1977 [nom. nud.]

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.

Baccharis ocellata Phil., *Anales Univ. Chile* 87: 705. 1894.

≡ *Baccharis poepigiana* subsp. *ocellata* (Phil.) F. H. Hellw.

203. Baccharis ochracea Spreng., *Syst. veg.* 3: 460. 1826. *Lanugothamnus ochraceus* (Spreng.) Deble, *Balduinia* 37: 15. 2012. Type: Uruguay. "Monte Video. Sello"; *Sellow d477*, ♀♂ (P!, holotype, GH!, K!, P!, isotypes)

Baccharis velutina DC., *Prodr.* 5: 415. 1836.

Ic: Baker 1882, Tab. xix; Malagarriga 1977: dessin 95

Argentina (ER), Brazil (RS, SC), Uruguay

Baccharis subgen. *Tarchonanthoides* Heering

204. Baccharis odorata Kunth, *H. B. K., Nov. gen. sp.* 4: 52. 1818. Type: Colombia; "in montosis prope Pasto Novo-Granatensium, alt. 1350 hex."; *Humboldt & Bonpland 2154*, ♂ (P-HBK!, holotype, F!, fragment, GH!, P!, isotypes)

Ic.: Cuatrecasas 1967: Fig. 12 (leaf); Cuatrecasas 1969: Fig. 68; Malagarriga

Colombia (NA)

Baccharis subgen. *Baccharis*

Baccharis odorata var. *balsamifera* (Benth.) Wedd., *Chlor. and.* 1: 169. 1856.
= *Baccharis buxifolia* (Lam.) Pers.

Baccharis odorata var. *latifolia* Wedd., *Chlor. and.* 1: 169. 1856. Type: not indicated in the protologue; La Paz, Pentland s.n., ♂ (P-218255!, lectotype, designated by Müller 2006a: 67, branch on the right); Palca, Pentland 325 (P!, syntype)
= *Baccharis papillosa* Rusby *subsp. papillosa*

Baccharis odorata var. *nummularia* Benoist, *Bull. Soc. Bot. France* 91: 191. 1944. Type: Ecuador; "Baños, 5 avril 1931 (Benoist n° 4159)" (P!, holotype)
= *Baccharis teindalensis* Kunth *subsp.?*

Baccharis odorata var. *spathulata* Wedd., *Chlor. and.* 1: 169. 1856. *Baccharis incarum* f. *spathulata* (Wedd.) Cuatrec., *Caldasia* 10: 8. 1967. Type: "B. prostrata ... Schultz Bip., in sched. pl. exsicc. Lechleri"; Weddell 4736; ♂ (P-218294!, lectotype, designated by Müller 2006a: 83)
= *Baccharis caespitosa* (Ruiz & Pav.) Pers. *subsp. caespitosa*

Baccharis odorata f. *spathulata* Cuatrec., *Caldasia* 10: 8. 1967 [pro syn. *Baccharis incarum* f. *spathulata* Wedd.]

Baccharis oleifolia Mart. ex Colla, *Herb. pedem.* 3: 318. 1834. Type: Brazil; "a cl: Martio e Brasil: Aldea Velha" (TO, holotype)
= ?

Baccharis oleifolia Gardner, *London J. Bot.* 7: 86. 1848. Type: Brazil; "4901" [non Mart. ex Colla 1834]. "Bushy places in ravines, Diamond District. July, 1840"; ♀♂ (G!, 3×, P!, 2×, W!, isotypes)
= *Baccharis calvescens* DC.

Baccharis oligantha DC. ex Thoms., *J. Linn. Soc., Bot.* 9: 343. 1867 [pro syn. *Catamixis baccharoides* Thoms.]

Baccharis oligantha Sch. Bip. ex Klatt, *Leopoldina* 20: 91. 1884 [pro syn. *Baccharis elegans* Kunth]

Baccharis oligophylla Sch. Bip. ex Baker, *Fl. bras. (Martius)* 6(3): 23. 1882 [pro syn. *Aster pohlii* Baker]

Baccharis oppositifolia Kuntz, *Rev. gen.* 3(2): 133. 1898. Type: Bolivia; "2000 m Santa Rosa" (NY!, 2×, US!, isotypes)
= *Polyanthina nemorosa* (Klatt) King & H. Rob.

Baccharis opuntioides Mart. ex Baker, *Fl. bras. (Martius)* 6(3): 39. 1882. Type: Brazil. "in prov. Minas Geraes silvaticis et campestribus editioribus: Martius!"; ♀ (G!, M!, isotypes)
= ?

205. *Baccharis orbiculata* Deble & A. S. de Oliveira, *Bonplandia* 18: 48. 2009. Type: Brazil; "Bahia: Piatã, Catolés de Cima, próximo Rio do Bem Querer, caminho para casa do Sr. Altino 13°17'S, 41°53'W, 1.280 m, campo rupestre com solo argiloso e areia lavrada pelos escravos, ... ♀, 29-VIII-1992"; *Ganev* 997 (SPF, holotype)
Ic.: Deble & Oliveira 2009: Fig. 2
Brazil (BA)
Baccharis subgen. *Baccharis*

206. *Baccharis orbignyana* Klatt, Abh. Naturf. Ges. Halle 15: 327. 1881. Type: Bolivia; "Chiquitos, leg. A. d'Orbigny No. 883"; ♂ (P!, holotype, GH!, P!, W!, isotypes)

Baccharis multisulcata Baker, Fl. bras. (Martius) 6(3): 45. 1882.

Ic.: Müller 2006a: Fig. 104

Bolivia (SC), Brazil (BA, DF, GO, MG, SP)

Baccharis subgen. *Pteronioides* Heering

207. *Baccharis oreophila* Malme, Kungl. Sv. Vetenskapsakad. Handl. 12(2): 75. 1933. Type: Brazil; "Carvalho, in monte Marumbý, 1200 m s. m., 6/11 11 (n. 13313). Praeterea in Serra do Itatiaia lecta" [leg. Dusén] (not seen)

Baccharis oxyodonta var. *fasciculata* Dusén, Ark. Bot. 9(5): 24. 1909.

Ic.: Malme 1933: Fig. 13 (leaf); Malagarriga 1977: dessin 138 (leaf)

Brazil (MG, PR, RJ, SC, SP)

Baccharis subgen. *Baccharis*

208. *Baccharis organensis* Baker, Fl. bras. (Martius) 6(3): 74. 1882. Type: Brazil; "in prov. Rio de Janeiro ad Serra dos Orgãos: Glaziou n. 4038! 6034!"; *Glaziou 6034*, ♂ (P, 2×, lectotype, designated by Malagarriga 1958: 288); *Glaziou 4038*, ♂ (HBG!, fragment, P!, syntypes)

Ic.: Malagarriga 1977: dessin 93 (leaves); Heiden & al. 2009a: Fig. 12

Brazil (MG, PR, RJ, RS, SC, SP)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis orgyalis DC., Prodr. 5: 416. 1836. Type: Brazil; "in Brasiliae Serra dos Orgaos legit cl. Lhotsky septemb. flor."; ♀ (G-DC!, holotype, P!, isotype)

= *Baccharis dentata* (Vell.) G. M. Barrosos

Baccharis orgyalis f. *fuchsiifolia* (Gardner) Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 128. 1916. *Baccharis orgyalis* var. *fuchsiifolia* (Gardner) Malag., Contr. Inst. Geobiol. La Salle 2: 32. 1953.

= *Baccharis dentata* (Vell.) G. M. Barroso

209. *Baccharis orientalis* Alain, Contr. Ocas. Mus. Hist. Nat. Colegio "De La Salle" 18: 3. 1960. Type: Cuba: Cuba; "Oriente; Manigua costera, El Socucho, Puerto Padre, Mayo 19-20, 1957, López Figueiras 2940" (LS, holotype, NY!, 3×, US!, isotypes)

Cuba

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis orientalis var. *acutata* Alain, Contr. Ocas. Mus. Hist. Nat. Colegio "De La Salle" 18: 3. 1960.

≡ *Baccharis acutata* (Alain) Borhidi

Baccharis orizabaensis Sch. Bip. ex Hemsl., Biol. centr.-amer., bot. 2: 130. 1881-1882 [nom. nud.] Original material: Mexico; "South Mexico, Peak of Orizaba, at 6000 feet (Linden, 1133; Liebmann, 353)"; Liebmann 353, ♀ (HBG!, fragment)

= *Baccharis conferta* Kunth (Matuda 1957, Nesom 1990)

Baccharis oronocensis DC., Prodr. 5: 422. 1836. Type: Peru; "in Peruviae montanis Oronocensibus legit cl. Haenke"; ♂ (G-DC!, holotype)

= *Baccharis nitida* (Ruiz & Pav.) Pers.

Baccharis oronocensis var. *perua* Cuatrec., *Anales Univ. Madrid (Ci.)* 4(2): 209. 1935. Type: Peru; "Chanchamayo, 17-X-1863 (núm. 33)" [leg. Isern] (MA, holotype, LP, isotype)
= *Baccharis nitida* (Ruiz & Pav.) Pers. (Cabrera 1960, Cuatrecasas 1969, Malagarriga 1977, Dillon & Hensold 1993)

Baccharis ovalis Pers., *Syn. pl.* 2: 424. 1807. Type: "Senegal (Herb. Juss.)" (not seen)
= *Pluchea ovalis* (Pers.) DC.

Baccharis ovata Hook. & Arn., *J. Bot.* 3: 22. 1840. Type: Chile; "St Mary, S. Pacific Ocean. Dr Eights"; Eights 102, ♀ (K!, holotype)
= *Baccharis racemosa* (Ruiz & Pav.) Pers.

Baccharis ovata Sieb. ex DC., *Prodr.* 5: 450. 1836 [pro syn. *Pluchea ovalis* (Pers.) DC.]

210. *Baccharis oxyodonta* DC., *Prodr.* 5: 404. 1836. *Pingraea oxyodonta* (DC.) F. H. Hellw., *Candollea* 48: 218. 1993. Type: Brazil; "in Brasiliae prov. Minas-Geraes ad Villa-Ricca legit cl. Vauthier"; "ex coll. Vauth. n. 260"; ♂ (G-DC!, holotype, G!, P!, 2×, W!, isotypes)

Baccharis triplinervia DC., *Prodr.* 5: 404. 1836.

Ic.: Baker 1882, Tab. xxvii; Malagarriga 1954 (leaf); Barroso 1976: Fig. 94; Malagarriga 1977: dessin 111 (leaf)

Argentina, Brazil (ES, MG, PR, RJ, RS, SC, SP), Paraguay, Uruguay

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis oxyodonta var. *fasciculata* Dusén, *Ark. Bot.* 9(5): 24. 1909. Type: Brazil, Itatiaia; "Am Rande der Waldungen in einer Höhe von etwa 2200 m; Anfang Mai abgeblüht" (not seen)

= *Baccharis oreophila* Malme (Barroso 1976, Malagarriga 1977)

Baccharis oxyodonta var. *macrocephala* Hieron. ex Dusén, *Ark. Bot.* 9(5): 24. 1909. Type: Brazil, Itatiaia; "Auf offenen Plätzen im Urwalde in einer Höhe von etwa 1500 m; im Oktober blühend" (not seen)

= *Baccharis oxyodonta* DC.?

Baccharis oxyodonta var. *punctulata* (DC.) Baker, *Fl. bras. (Martius)* 6(3): 77. 1882.

≡ *Baccharis punctulata* DC.

Baccharis oxyphylla DC., *Prodr.* 5: 400. 1836. Type: Peru; "in Peruvia legit cl. Poeppig (pl. exs. n. 24)"; ♀ (G-DC!, holotype, GH!, P!, isotypes)

= *Baccharis trinervis* var. *rhexioides* (Kunth) Baker

211. *Baccharis pachycephala* Hieron., *Bot. Jahrb. Syst.* 36: 480. 1905. Type: Peru; "crescit prope Cutervo (J[elski]. n. 761, m. Febr. 1879 cum floribus; J. n. 643 et 644, m. Aprili 1879, capitula deflorata gerens)" (not seen)

Ic.: Malagarriga 1977: dessin 174 (leaf)

Peru

Baccharis subgen. *Baccharis*

212. *Baccharis padifolia* Hieron., *Bot. Jahrb. Syst.* 29: 26. 1900. Type: Ecuador; "Crescit in regione superiore andina, alt. s. m. 3500-4000 m (S.[odiro] n. 16/8)"; in reg. andina ultra 3000 m, *Sodiro s.n.*, ♀♂ (G!, isotype?); Pichincha, *Mille* 428 (US, neotype, designated by Cuatrecasas 1967: 76)

Baccharis trianae Cuatrec., Brittonia 8: 184. 1956.

Ic.: Cuatrecasas 1967: Fig. 16 (leaf); Cuatrecasas 1969: Fig. 72; Malagarriga 1977: dessin 286 (leaf), dessin 287 (leaf)

Colombia (NA), Ecuador (AZ, CA, CH, CO, IM, NA, PI, TU)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis palenae Phil., Anales Univ. Chile 87: 708. 1894.

≡ *Baccharis patagonica* subsp. *palenae* (Phil.) F. H. Hellw.

Baccharis pallens Wedd. ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 159. 1977 [nom. nud. et non acc.]

Baccharis pallida Heering, Anales Univ. Chile 111: 162. 1903. Type: Chile; "Valparaiso" (HBG!, holotype)

= *Baccharis salicifolia* (Ruiz & Pav.) Pers.

213. *Baccharis palmeri* Greenm., Proc. Amer. Acad. 41: 259. 1905. Type: Mexico; "State of Durango: vicinity of the city of Durango, April to November, 1896, Dr. Edward Palmer, no. 801 ... staminate plant, and no. 802 ... pistillate plant" (not seen)

Ic.: Malagarriga 1977: dessin 325 (leaves)

Mexico

Baccharis subgen. *Pteronioides* Heering

Baccharis paludosa Sch. Bip. ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 159. 1977 [nom. nud.] Original material not indicated in the protologue.

=?

214. *Baccharis palustris* Heering, Jahrb. Hamb. Wiss. Anst. 21, Beih. 3: 38. 1904. Type: Brazil; "Ule n. 1783. Strauch in den Sümpfen auf dem Campo de Capivare der Serra Geral"; ♀♂ (HBG!, holotype, GH!, fragment, P!, isotypes)

Ic.: Malagarriga 1977: dessin 25

Brazil (RS, SC)

Baccharis subgen. *Molina* (Pers.) Heering

215. *Baccharis pampeana* An. S. de Oliveira, Deble & Marchiori, Balduinia 8: 17. 2006. Type: Brazil; "Rio Grande do Sul, Alegrete, Cerro do Tigre, subarbusto ereto, sobre solo rochoso, An. S. de Oliveira & L. P. Deble, 2.IV.2005" (MBM, holotype, CTES, PACA, SI, isotypes)

Ic.: Oliveira & Marchiori 2006b: Fig. 8

Brazil (RS)

Baccharis subg. *Baccharis*

216. *Baccharis paniculata* DC., Prodr. 5: 420. 1836. *Neomolina paniculata* (DC.) F. H. Hellw., Candollea 48: 213. 1993. Type: Chile; "circa Valparaiso (Macrae!) et Coquimbo (Gaud.!)"; *Gaudichaud 102*, ♀♂ (P!, lectotype, designated by Malagarriga 1958: 288, G-DC!, isolectotype); 1825, *Macrae s.n.*, ♀♂ (G-DC!, K!, syntypes)

Baccharis floribunda Phil., Linnaea 33: 145. 1864-1865 [non Kunth 1818].

Baccharis leptcephala Phil., Anales Univ. Chile 87: 700. 1894 [non DC. 1836].

Chile

Baccharis subgen. *Pteronioides* Heering

217. *Baccharis papillosa* Rusby, Bull. New York Bot. Gard. 8: 129. 1912. Type: Bolivia; "La Paz, 11,500 ft., Aug. 23, 1901 (No. 2347)"; *Williams* 2347, ♀ (NY!, holotype, K!, US!, isotypes)

Baccharis subgen. *Baccharis*

Baccharis papillosa* Rusby subsp. *papillosa

Baccharis odorata var. *latifolia* Wedd., Chlor. and. 1: 169. 1856.

Baccharis vitis-idaea Kuntze, Rev. gen. 3(2): 135. 1898 [non Oliv. ex Thurn 1886]. *Baccharis kuntzeana* Malag., Contrib. Inst. Geobiol. La Salle 2: 46. 1952.

?*Baccharis resinosa* var. *truncatifolia* Perkins, Bot. Jahrb. Syst. 49: 224. 1913.

Ic.: Müller 2006a: Fig. 14

Bolivia (CH, CO, LP, PO)

Baccharis papillosa* subsp. *australis Joch. Müll., Syst. Bot. Monogr. 76: 70. 2006. Type: Bolivia; "Chuquisaca: Prov. Oropeza, Cajamarca ca. 30 km hacia Ravelo, ca. 3300 m, 9 Oct 1984, ♂, Beck 8826" (JE!, holotype, HBG!, LPB!, isotypes)

Ic.: Müller 2006a: Fig. 16

Bolivia (CH, CO, PO)

Baccharis papillosa* subsp. *chaparensis Joch. Müll., Syst. Bot. Monogr. 76: 77. 2006. Type: Bolivia; "Cochabamba: Prov. Chapare, gorge of Río Apaza N Represa Corani, road Cochabamba-Villa Tunari, ca. 3200 m, 17°12'S, 65°54'W, 8 Mar 2002, ♀ and ♂, Müller 9264" (JE!, holotype, BR!, G!, GH!, HBG!, LPB!, MO!, NY!, P!, isotypes)

Ic.: Müller 2006a: Fig. 20

Bolivia (CO)

Baccharis papillosa* subsp. *integrifolia Joch. Müll., Syst. Bot. Monogr. 76: 78. 2006. Type: Bolivia; "La Paz: Prov. Inquisivi, above Titi Amaya (N Quime), ca. 3400 m, 16°55'S, 67°12'W, 1 Aug 1999, ♀, Müller 7276" (JE!, holotype, BR!, LPB!, NY!, isotypes)

Ic.: Müller 2006a: Fig. 21

Bolivia (CO, LP, SC)

Baccharis papillosa* subsp. *kessleri Joch. Müll., Syst. Bot. Monogr. 76: 81. 2006. Type: Bolivia; "Cochabamba: Prov. Chapare, gorge of Río Apaza N Represa Corani, road Cochabamba-Villa Tunari, ca. 3200 m, 17°12'S, 65°54'W, 8 Mar 2002, ♀ and ♂, Müller 9275" (JE!, holotype, BR!, E!, G!, GH!, HBG!, LPB!, MICH!, MO!, NY!, P!, isotypes)

Ic.: Müller 2006a: Fig. 23

Bolivia (CO)

Baccharis papillosa* subsp. *longipedicellata Joch. Müll., Syst. Bot. Monogr. 76: 75. 2006. Type: Bolivia; "La Paz: Prov. Larecaja, Planicia de Icharani E Laripata, ca. 3250 m, 15°45'S 68°39'W, 30 Aug 1999, ♀, Müller 7595" (JE!, holotype, BR!, GH!, LPB!, MO!, NY!, isotypes)

Ic.: Müller 2006a: Fig. 19

Bolivia (LP), Peru (PU)

Baccharis papillosa* subsp. *yungensis Joch. Müll., Syst. Bot. Monogr. 76: 73. 2006. Type: Bolivia; "La Paz: Prov. Inquisivi, Cerro Cruz Pata NW Quime, ca. 3350 m, 16°58'S, 67°13'W, 30 Jul 1999, ♀, Müller 7246" (JE!, holotype, BR!, LPB!, MO!, NY!, isotypes)

Ic.: Müller 2006a: Fig. 18

Bolivia (CO, LP)

Baccharis paraguariensis Heering ex Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 160. 1977 [nom. nud.] Original material not indicated in the protologue.

= *Baccharis tridentata* Vahl

218. *Baccharis paramicola* Cuatrec., *Mutisia* 17: 9. 1953. Type: Colombia; "Dep. Cauca: Páramo del Puracé, 3000 m alt. ... Colect. Earl L. Core 1443" (US, holotype)

Ic.: Cuatrecasas 1967: Fig. 6 (leaves), Fig. 8; Cuatrecasas 1969: Fig. 62, 65; Malagarriga 1977: dessin 205 (leaf)

Colombia (CA, CL)

Baccharis subgen. *Baccharis*

219. *Baccharis paranensis* Heering & Dusén, *Ark. Bot.* 9(15): 29. 1910. Type: Brazil. "Die Pflanze, ... wurde in der Serra do Mar längs der Eisenbahn in einer Höhe von 600-800 m gefunden; sie blüht wenigstens von Februar bis Mai., [Dusén] Nr. 3667 (auf Felsen zwischen Ypiranga und Valle Grande, den 16. Febr. 1904)" (S, lectotype, designated by Barroso 1976)

Ic.: Dusén 1910: Taf. 1; Malagarriga 1977: dessin 105 (leaf); Heiden & al. 2009a: Fig. 13a-f
Brazil (PR, RS, SC)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis parvicapitulata Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 160. 1977 [nom. nud.]

220. *Baccharis parvidentata* Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 138. 1977. Type: Brazil; "Collect. 1.1.1896. E. Ule No. 641" (R, holotype)

Baccharis dusenii G. M. Barroso, *Rodriguésia* 28(40): 166. 1976 [non O. Hoffm. 1901].

Baccharis grazielae An. S. de Oliveira & Marchiori, *Balduinia* 5: 4. 2005. *Baccharis perdusenii* Giuliano, *Novon* 15: 539. 2005 [nom. superfl.]

Ic.: Malagarriga 1977: dessin 374 (leaves)

Brazil (MG, RJ, SP)

Baccharis subgen. *Baccharis*

Baccharis parviflora (Ruiz & Pav.) Pers., *Syn. pl.* 2: 425. 1807. *Molina parviflora* Ruiz & Pav., *Syst. veg.* 209. 1798. Type: Peru. "in versuris et ripis Chancay et Cercado Provinciarum"; ♀♂ (MA!, holotype, B!, fragment, OXF!, isotypes)

= *Baccharis salicifolia* (Ruiz & Pav.) Pers. *subsp. salicifolia*

Baccharis parviflora Poir., *Encycl. Méth., Suppl.* 1: 556. 1810 [non (Ruiz & Pav.) Pers. 1807]. *Baccharis bracteolata* DC., *Prodr.* 5: 418. 1836. Type: Brazil?, "recueillie par Commerson"

= ?

Baccharis parviflora Less., *Linnaea* 5: 146. 1830 [non (Ruiz & Pav.) Pers. 1807, nec Poir. 1810]. Type: Mexico; "in dumetis ad Hacienda de la Laguna. Septbr." [leg. Schiede, Deppe] (not seen)

= *Baccharis serrifolia* DC. (Matuda 1957, Nash 1976)

Baccharis parvifolia DC., *Prodr.* 5: 424. 1836. Type: Bolivia; "in Peruvîa ad Avebrada de Cobrachillo ex h. Haenke"; ♂ (G-DC!, holotype, P!, PR!, isotypes)

= *Baccharis articulata* (Lam.) Pers.

Baccharis pascensis Hieron., *Bot. Jahrb. Syst.* 21: 344. 1895. Type: Colombia; "crescit in Páramo de Pasca, prov. Cundinamarca, alt. s. m. 3700-3800 m, ubi floret mense Junio ([Stuebel] coll. columb. n. 133)" (not seen)

= *Baccharis rupicola* Kunth (Malagarriga 1952, 1977, Cuatrecasas 1967, 1969)

Baccharis pastoensis Cuatrec., *Brittonia* 8: 184. 1956. *Baccharis macrantha* var. *pastoensis* (Cuatrec.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 62. 1967. *Baccharis macrantha* subsp. *pastoensis* (Cuatrec.) Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 136. 1976. Type: Colombia; "prov. de Pasto: VII-1853, J. Triana 1288" (P-2111, holotype, P-2112, isotype)

= *Baccharis lloensis* Hieron.?

221. *Baccharis patagonica* Hook. & Arn., *J. Bot.* 3: 29. 1840. Type: Chile. "Port Famine, Patagonia (Capt. King's Voy.). Cape Negro, Straits of Magalhaens. C. Darwin, Esq. (n. 356.)"; King's Voy. s.n. (K, lectotype, designated by Hellwig 1990)

Baccharis subgen. *Baccharis*

Baccharis patagonica Hook. & Arn. subsp. ***patagonica***

Conyza cuneifolia Lam., *Encycl.* 2: 91. 1786. *Baccharis cuneifolia* (Lam.) DC., *Prodr.* 406. 1836 [non Moench 1794].

Chrysocoma cuneifolia Jacq., *Collect. bot.* 3: 280. 1791.

Ic.: Cabrera 1971: Fig. 71; Malagarriga 1977: dessin 83 (leaves); Hellwig 1990: Abb. 76-79
Argentina, Chile

Baccharis patagonica subsp. ***palenae*** (Phil.) F. H. Hellw., *Mitt. Bot. Staatssamml. München* 29: 246. 1990. *Baccharis palenae* Phil., *Anales Univ. Chile* 87: 708. 1894. *Baccharis patagonica* var. *palenae* (Phil.) Heering, *Anales Univ. Chile* 111: 175. 1902. Type: Chile, "habitat in valle fluminis Palenae, aestate 1887 invenit orn. Fridericus Delfin" (SGO, holotype)

Ic. Hellwig 1990: Abb. 82-85

Chile

222. *Baccharis patens* Baker, *Fl. bras. (Martius)* 6(3): 52. 1882. *Lanugothamnus patens* (Baker) Deble, *Balduinia* 37: 13. 2012. Type: Uruguay. "prope Montevideo: Sello n. 463! 729!"; *Sellow d463*, ♀ (K!, lectotype, designated by Heiden & Pirani 2012a: 43, GH, NY, isolectotypes); *Sellow s.n.*, ♀ (K, syntype)

Baccharis squarrosa Baker, *Fl. bras. (Martius)* 6(3): 50. 1882 [non Kunth 1818].

Baccharis bakeri Heering, *Jahrb. Hamb. Wiss. Anst.* 21, Beih. 3: 39. 1904.

Ic.: Malagarriga 1977: dessin 112 (leaves)

Brazil (RS), Uruguay

Baccharis subgen. *Tarchonanthes* Heering

Baccharis patiensis Hieron., *Bot. Jahrb. Syst.* 21: 345. 1896. Type: Colombia; "crescit prope Ales ad fluvium Rio Patia, ubi floret mense Novembri et Decembri ([Stübel] coll. columb. n. 414)" (not seen)

= *Baccharis linearifolia* subsp. ***chilco*** (Kunth) Joch. Müll. (Cuatrecasas 1967, 1969, Malagarriga 1977)

Baccharis patiensis var. *pluridentata* Hieron., *Verh. Bot. Ver. Prov. Brandenburg* 48: 203. 1907. Type: Peru; "Nach Ule tritt die Art als 1/2 bis 1 1/2 m hoher Strauch auf und findet sich

häufig auf den Pampas bei Tarapoto in Peru (n. 6470, unter welcher Nummer auch die Varietät lag; Oktober 1902)"; ♀ (HBG!, lectotype, designated by Müller 2006a: 108)
= **Baccharis linearifolia subsp. chilco** (Kunth) Joch. Müll.

Baccharis paucidentata DC., Prodr. 5: 420. 1836. Type: Argentina, Brazil; "in Brasiliae prov. Rio-Grande (h. Mus. imp. Bras. sub n. 823 et 840), et ad Buenos-Ayres?"; Sellow d1101 = M. I. B. 840, ♀ (P!, 3×, lectotypes, designated by Malagarriga 1958: 291, G-DC!, isolectotype); Sellow s.n. = M. I. B. 823 (G-DC!, P!, syntypes); Buenos Aires, donné par m. Desfontaines, probably from type of *Conyza linearifolia*, ♀ (G-DC!, syntype)
= **Baccharis linearifolia** (Lam.) Pers. subsp. **linearifolia**

Baccharis paucidentata Sch. Bip. ex Baker, Fl. bras. (Martius) 6(3): 71. 1882 [pro syn. *Baccharis dracunculifolia* DC.]

Baccharis pauciflosculosa DC., Prodr. 5: 413. 1836. Type: Brazil; "in Brasiliae prov. Sancti-Pauli et Miner. gener. ... (v. s. in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 480 et 486 miss.)"; Sellow s.n. = M. I. B. 480, ♂ (P!, lectotype, designated by Malagarriga 1958: 288, G-DC!, isolectotype); Sellow s.n. = M. I. B. 486, ♀ (G-DC, P!, syntypes)
= **Baccharis linearifolia** (Lam.) Pers.

Baccharis pauciflosculosa var. *puncticulata* DC., Prodr. 5: 413. 1836. Type: Brazil; "in prov. Rio Grande (v. s. cum var. a sub n. 959)"; Sellow 3805 = M. I. B. 959, ♀♂ (G-DC!, GH!, isotypes)
= **Baccharis linearifolia** (Lam.) Pers.

Baccharis paulistana Malag. ex G. M. Barroso, Rodriguésia 28(40): 140. 1976 [sphalm. for. *Baccharis paulopolitana* Malag. & W. Hoehne]

Baccharis paulopolitana Malag. & W. Hoehne, Bol. Inst. Geobiol. Canoas 2: 17. 1949. Type: Brazil; São Paulo, Campo Cogonhas, 2 Apr 1946, Hoehne 2096 (RB, lectotype, designated by Heiden & al. 2010: 42)
= **Baccharis linearifolia** (Lam.) Pers.

Baccharis pedalis Sch. Bip. ex Griseb., Abh. Königl. Ges. Wiss. Göttingen 24: 182. 1879. *Baccharis rufescens* var. *pedalis* (Sch. Bip. ex Griseb.) Baker, Fl. bras. (Martius) 6(3): 64. 1882. Type: Bolivia, Brazil; "Riedel pl. bras." - "O.: Tarija"; Cuesta de Buyuyu, Lorentz & Hieronymus 866 (lectotype, designated by Müller 2006a: 105)
= **Baccharis linearifolia subsp. polycephala** (Wedd.) Joch. Müll.

Baccharis pedersenii Cabrera, Darwiniana 16: 410. 1970. Type: Argentina; "Prov. Corrientes, Dep. Mburucuyá, Estancia Santa María, leg. T. M. Pedersen 2642, 18-III-1954"; ♀♂ (LP, holotype, BR!, GH!, P!, SI!, fragment, isotypes)
= **Baccharis linearifolia** (Lam.) Pers.

Baccharis pedicellata DC., Prodr. 5: 407. 1836. Type: Chile; "in Chili ex h. Haenke" (G-DC!, holotype)
= **Baccharis poeppigiana** DC.

223. Baccharis pedunculata (Mill.) Cabrera, Bol. Soc. Argent. Bot. 7: 240. 1959. *Conyza pedunculata* Mill., Gard. dict., ed. 8: n. 15. 1768. Type: Mexico; "This grows naturally at Campeachy, from whence the seeds were sent me by Mr. Robert Millar" (BM, holotype)

Eupatorium cotinifolium Willd., Phytogr. 11. 1794. *Baccharis cotinifolia* (Willd.) Urb., Symb. antill. 3: 406. 1903. *Pseudobaccharis cotinifolia* (Willd.) Malag., Contr. Inst. Geobiol. La Salle 2: 47. 1952.

Baccharis cinnamomifolia Kunth, H. B. K., Nov. gen. sp. 4: 65. 1818. *Psila cinnamomifolia* (Kunth) Aristeg., Fl. Venez. Comp. 1: 315. 1964.

Baccharis speciosa DC., Prodr. 5: 399. 1836.

Eupatorium braunii Polakovsky, Linnaea 41: 576. 1877. *Baccharis braunii* (Polakovsky) Standl., Field Mus. Nat. Hist. Bot. Ser. 18: 1433. 1938.

Baccharis splendens Heering, Schr. Naturwiss. Ver. Schleswig-Holstein 13: 48. 1904.

Baccharis ibaguensis Cuatrec., Trab. Mus. Ci. Nat. Jard. Bot. Madrid 29: 32. 1935.

Ic.: Willdenow 1794: Tab. VII.2; Cuatrecasas 1935: Fig. 11; Cuatrecasas 1967: Fig. 5, Fig. 9 (leaf); Cuatrecasas 1969: Fig. 61, 66; D'Arcy 1975: Figure 36; Malagarriga 1977: dessin 161 (leaf), dessin 257 (leaf); Müller 2006a: Fig. 66

Bolivia (BE, CO, LP, SC), Colombia (AN, NA, NS, VA), Costa Rica, Dominica, Ecuador (BO, CH, CN, IM, MS, NA, PA, SU, ZC), Guadeloupe, Guatemala, Martinique, Montserrat, Panama, Peru (HU), St. Kitts and Nevis, St. Lucia, Venezuela (ME)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis pellucida Hieron., Bot. Jahrb. Syst. 36: 482. 1905. Type: Peru; "crescit prope Cutervo (J. n. 671, m. Aprili 1879 et 672, m. Aprili 1879)"; Jelski 671 (B!, syntype)
= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.

Baccharis pendula Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 86. 1916. Type: Argentina, "Jujuy: Sierra Santa Barbara in Gebüsch, an schattigen Orten, ca. 2000 m ü. d. M. (R. E. Fries, Exp. Suec. Chac. And. n. 282)" (HBG!, holotype)
= *Baccharis quitensis* Kunth

224. *Baccharis penningtonii* Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 119. 1916. Type: Argentina. "Buenos Aires: Rio Lujan. Delta del Rio Paraná. (Miles Stuart Pennington, Pl. exs. Republ. Arg. n. 72 - 20. Jan. 1903, ♂)" *Pennington 12* [sic!], ♂ (HBG!, fragment, holotype, MO!, isotype)

Ic.: Cabrera 1941: Fig. 32; 1974: Fig. 140; Malagarriga 1977: dessin 245

Argentina, Brazil? (RS), Uruguay?

Baccharis subgen. *Molina* (Pers.) Heering

225. *Baccharis pentaptera* (Less.) DC., Prodr. 5: 425. 1836. *Molina pentaptera* Less., Linnaea 6: 505. 1831. Type: Brazil; "Sellow in Brasilia"; Prov. São Paulo, 15 Mar 1828, *Sellow s.n.* = *M. I. B. 428*, ♂ (P!, lectotype, designated by Malagarriga 1958: 288, G-DC!, K!, W!, isotypes)

Baccharis fastigiata Baker, Fl. bras. (Martius) 6(3): 39. 1882.

Baccharis stenocephala Baker, Fl. bras. (Martius) 6(3): 39. 1882.

Ic.: Baker 1882, Tab. xvii; Malagarriga 1977: dessin 126, dessin 347; Heiden & al. 2009a: Fig. 15a-g

Argentina (MI), Brazil (MG, PR, SC, SP, RS)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis pentaptera var. *villosa* Ule ex Heering, Jahrb. Hamb. Wiss. Anst. 21, Beih. 3: 26. 1904 [pro syn. *Baccharis villosa* Heering]

226. *Baccharis pentlandii* DC., Prodr. 5: 416. 1836. Type: Bolivia; "in Republ. Bolivianâ Amer. austr. legit cl. Pentland et mecum comm."; 1829, *Pentland s.n.* (G-DC!, holotype)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis pentlandii DC. subsp. pentlandii

Baccharis fallax Kuntze, Rev. gen. 3(2): 132. 1898.

Baccharis rubricaulis Rusby, Bull. New York Bot. Gard. 8: 129. 1912.

Ic.: Malagarriga 1977: dessin 234 (leaf); Torrico 1991: Fig. 13; Müller 2006a: Fig. 55

Bolivia (CO, LP), Peru (PU)

Baccharis pentlandii subsp. sculpta (Griseb.) Joch. Müll., Syst. Bot. Monogr. 76: 156.

2006. *Baccharis sculpta* Griseb., Abh. Königl. Ges. Wiss. Göttingen 19: 175. 1874. Type:

Argentina; "Tucuman, ubi constituit formationem distinctam in jugo m. Cuesta de Junta, unde

descendit cum rivulis Cienega versus et pr. Tafi. Catamarca, frequens in convalle Granadillas

pr. Belen, ubi ascendit ad Vayas altas - 9000"; Cuesta de Juntas, 23 Mar 1872, *Lorentz 131*

(GOET!, lectotype, designated by Müller 2006a: 156); Granadillas, Feb 1872, *Lorentz 546*, ♂

(G!, GOET!, syntypes); Granadillas, Jan 1872, *Lorentz 621* (GOET!, syntype)

Pluchea montana Griseb., Abh. Königl. Ges. Wiss. Göttingen 24: 184. 1879.

Ic.: Malagarriga 1977: dessin 41 (leaves); Cabrera 1978: Fig. 103; Müller 2006a: Fig. 56

Argentina (CA, JU, LR, SA), Bolivia (CH, CO, OR, PO, TA)

227. Baccharis pentodonta Malme, Kongl. Sv. Vetensk.-Akad. Handl. 32(5): 52. 1899.

Type: Brazil; "Rio Grande do Sul: Cruz Alta (In campo aprico, arenoso. 18 12/4 93. Malme 772)" (not seen)

Baccharis gracillima Heering & Dusén, Ark. Bot. 9(15): 28. 1910.

Baccharis pluridentata Heering, in Usteri, Fl. Stadt S. Paulo 260. 1911.

Ic.: Malme 1899: Taf. IV; Dusén 1910: Fig. 11, Taf. 6; Barroso 1976: Fig. 68 (leaf);

Malagarriga 1977: dessin 110 (leaves), dessin 326 (leaves); Oliveira & Marchiori 2006: Fig. 9

Brazil (PR, RS, SC, SP)

Baccharis subgen. *Baccharis*

Baccharis pentziifolia Sch. Bip. ex Griseb., Abh. Königl. Ges. Wiss. Göttingen 24: 182. 1879.

Type: Paraguay; "Bal. pl. parag. 976" (GOET!, holotype, BR!, 2×, isotypes)

= *Baccharis sessiliflora* Vahl

Baccharis pentziifolia var. *minor* G. M. Barroso, *Rodriguésia* 28(40): 154. 1976. Type:

Brazil. "Paraná, Castro leg. Vidal III-79 (11-1950)" (R, holotype)

= *Baccharis trilobata* An. S. de Oliveira & Marchiori (Oliveira & al. 2006)

Baccharis perdusenii Giuliano, *Novon* 15: 539. 2005 [nom. superfl.]

= *Baccharis parvidentata* Malag. (Oliveira & al. 2006)

Baccharis perlata Sch. Bip. ex Baker, Fl. bras. (Martius) 6(3), 62. 1882. Type: Brazil. "in

campis graminosis prope Diamantina: Riedel"; ♂ (K!, holotype)

= *Baccharis myricifolia* DC. (Barroso 1976, Malagarriga 1977)

Baccharis perplexa Malag. & Vidal, *Contr. Inst. Geobiol. Canoas* 8: 38. 1957. Type: Brazil;

"Estado do Paraná (Brasil) - Leg. Dusén n.º 4293 (26.III.1904)" (R, holotype)

= *Baccharis genistelloides* subsp. *crispa* (Spreng.) Joch. Müll. (Barroso 1976, Giuliano & Ariza Espinar 1999, Giuliano 2000)

Baccharis perulata Kuntze, Rev. gen. 3(2): 133. 1898

≡ *Baccharis densiflora* subsp. *perulata* (Kuntze) Joch. Müll.

Baccharis peruviana Cuatrec., *Caldasia* 10(46): 23. 1967. Type: Peru; "Junín: Huancayo, 4000 m. alt. ♂, XI-1948, Soukup 3761" (US, holotype)
= *Baccharis buxifolia* (Lam.) Pers.

Baccharis petiolata DC., *Prodr.* 5: 418. 1836. Type: Chile: "in Chili ex h. Haenke"; Haenke 8180, ♂ (G-DC!, holotype)
= *Baccharis scandens* (Ruiz & Pav.) Pers.

Baccharis petiolata var. *rotundifolia* Phil., *Verz. Antofagasta Pfl.* 39. 1891. Type: not indicated in the protologue (SGO, holotype)
= *Baccharis scandens* (Ruiz & Pav.) Pers. (Hellwig 1989)

228. *Baccharis petraea* Heering, *Jahrb. Hamb. Wiss. Anst.* 21, Beih. 3. 1904. Type: Brazil; "Ule n. 1836. Am Felsen bei Tubarão bei Pedras Grandes" (P!, lectotype, designated by Malagarriga 1958: 289, HBG!, 2×, isotypes)
Ic.: Malagarriga 1977: dessin 297 (leaves); Oliveira & Marchiori 2006: Fig. 11
Brazil (RS, SC, SP)
Baccharis subgen. *Baccharis*

229. *Baccharis petrophila* R. E. Fr., *Nova Acta Reg. Soc. Sci. Upsal.*, Ser. 4, 1: 81. 1905. Type: Argentina, "Prov. Jujuy: Nevado de Chani in fissuris rupium, 3500 m. s. m. (19 Dec. 1901; Fr. 887, floribus femineis. - Fr. 888, floribus masculinis instructa). Prov. Salta: Toro in Quebrada del Toro, ca. 3250 m. s. m. (16 Nov. 1901; Fr. 826, specimen floribus masculinis ornatum leg. G. v. Hofsten)"; *Fries* 826, ♂ (S!, syntype); *Fries* 887 (S!, UPS!, syntypes)
Ic.: Cabrera 1978: Fig. 92
Baccharis subgen. *Pteronioides* Heering

Baccharis pflanzii Perkins, *Bot. Jahrb. Syst.* 49: 224. 1913. Type: Bolivia; "Palca-La Paz, 3900 m ü. M. (Pflanz n. 67. - Im November 1907 blühend)" (B!, holotype, destroyed)
= *Baccharis linearifolia* subsp. *polycephala* (Wedd.) Joch. Müll.

Baccharis phagnaloides Sch. Bip. ex Baker, *Fl. bras. (Martius)* 6(3): 59. 1882 [pro syn. *Baccharis microdonta* DC.]

Baccharis philipensis Kunth, *H. B. K., Nov. gen. sp.* 4: 55. 1818. Type: "prope San Felipe"; ♂ (P-HBK!, holotype, B-Willd-15598!, isotype)
= *Baccharis conferta* Kunth?

230. *Baccharis philippii* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 80. 1916. *Nardophyllum paniculatum* Phil., *Anales Univ. Chile* 87: 435. 1897. Type: Chile; "habitat in montibus praedii Mansel in prov. O'Higgins, ubi invenit nepos Julius Ph." (not seen)
Chile
Baccharis subgen. *Molina* (Pers.) Heering?

Baccharis philippii Sch. Bip. ex Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 100. 1916 [pro syn. *Baccharis sphaerocephala* Hook. & Arn.]

Baccharis phlogocarpa Steud., *Nomencl. bot.*, ed. 2, 1: 178. 1840 [sphalm. for *Baccharis phlogopappa* DC.]

Baccharis phlogopappa DC., *Prodr.* 5: 402. 1836. Type: "in Americae olim Hispanica sed loc. ign."; ♀ (G-DC!, holotype)
= ?

231. *Baccharis phylicifolia* DC., Prodr. 5: 415. 1836. *Lanugothamnus phylicifolia* (DC.) Deble, Balduinia 37: 13. 2012. Type: Brazil; "in Brasiliae prov. Sancti-Pauli. ... (v. s. in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 491 miss.)"; *Sellow s.n.* = *M. I. B.* 491, ♂ (P!, holotype, G-DC!, fragment, isotype)

Ic.: Malagarriga 1954 (leaf); Barroso 1976: Fig. 70 (leaf); Malagarriga 1977: dessin 61 (leaves)

Brazil (PR, RS, SC, SP)

Baccharis subgen. *Tarchonanthoides* Heering

Baccharis phyliciformis Meyen, Reise 2: 31. 1835. Type: Peru (Puno/Arequipa); "Alto de los huesos" (not seen)

= *Parastrephia phyliciformis* (Meyen) Cabrera

232. *Baccharis phylicoides* Kunth, H. B. K., Nov. gen. sp. 4: 49. 1818. Type: Peru; "in devexis Parami de Guamani, alt. 1720 hex. (Regno Peruviano)"; *Humboldt & Bonpland* 3516, ♂ (P-HBK!, holotype, B-Willd-15583!, P!, isotypes)

Ic.: Malagarriga 1977: dessin 69 (leaves); Müller 2006a: Fig. 13

Bolivia (LP), Peru (AM, AN, CA, CU, LA, LL, PI)

Baccharis subgen. *Baccharis*

233. *Baccharis phyteuma* Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 128. 1916. Type: Argentina. "Buenos Aires: San Fernando (Miles Stuart Pennington)"; ♂ (HBG!, fragment, holotype)

Ic.: Cabrera 1941: Fig. 32; Cabrera 1963: Fig. 30; Cabrera 1974: Fig. 141; Malagarriga 1977: dessin 87

Argentina (BA, ER)

Baccharis subgen. *Molina* (Pers.) Heering

234. *Baccharis phyteumoides* (Less.) DC., Prodr. 5: 425. 1836. *Molina phyteumoides* Less., Linnaea 6: 146. 1831. Type: Brazil; "Sellow in Brasilia meridionali"; *Sellow d501* = *M. I. B.* 748, ♂ (P, ex Mus. Bot. Berol., lectotype, designated by Malagarriga 1958: 289), *Sellow s.n.* (G-DC!, isotype?)

Ic.: Cabrera 1974: Fig. 136, 137; Malagarriga 1977: dessin 88, 241; Diesel 1987: Fig. 5; Heiden & al. 2009a: Fig. 15h-m

Argentina (CH, CR, ER), Brazil (RS), Paraguay, Uruguay

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis picta Heering ex Malag., Contr. Inst. Geobiol. La Salle Canoas 2: 32. 1952 [nom. nud.] Original material: "Brasil" [not seen]

= ?

235. *Baccharis pilcensis* F. H. Hellw., Mitt. Bot. Staatssamml. München 29, 259. 1990. Type: Chile; "VIII. Region, del Biobio, Antuco, Cerro de Pilque, Nordwesthänge über der Waldgrenze, 10. 2. 1988, Hellwig 10219" (M, holotype, JE!, isotype)

Ic. Hellwig 1990: Abb. 87-89

Chile

Baccharis subgen. *Baccharis*

236. *Baccharis pilularis* DC., Prodr. 5: 407. 1836. Type: USA; "in California legit cl. Douglas"; *Douglas* 65, ♂ (G-DC!, holotype)

Baccharis consanguinea DC., Prodr. 408. 1836. *Baccharis pilularis* var. *consanguinea* (DC.) Kuntze, Rev. gen. 1: 319. 1891. *Baccharis pilularis* subsp. *consanguinea* (DC.) C. B. Wolf, Occas. Pap. Rancho Santa Ana Bot. Gard. 1: 21. 1935.

Ic.: Cronquist 1955; Ferris 1960: Fig. 5663; Malagarriga 1977: dessin 268, dessin 269 (leaf); Sundberg 1993: 211

Mexico (BC), USA (CA, NM, OR)

Baccharis subgen. *Baccharis*

Baccharis pilularis var. *consanguinea* (DC.) Kuntze, Rev. gen. 1: 319. 1891. *Baccharis pilularis* subsp. *consanguinea* (DC.) C. B. Wolf, Occas. Pap. Rancho Santa Ana Bot. Gard. 1: 21. 1935.

= ***Baccharis pilularis* DC.**

Baccharis pingraea DC., Prodr. 5: 420. 1836. *Baccharis pingraea* var. *latifolia* DC., Prodr. 5: 420. 1836 [nom. superfl.] *Baccharis serrulata* var. *pingraea* (DC.) Baker, Fl. bras. (Martius) 6(3): 59. 1882. Type: Chile, USA; "in Chili (R. et Pav.?), (Cham.!), frequens ad ripas arenosas fluviorum prope Concon (Poepp.!), San-Yago (Bert.!), Coquimbo (Gaud.!) et Valparaiso (Macr.!), et in Californiâ (Bacle!)" ; Pöppig 53, ♂ (G-DC!, lectotype, designated by Müller 2006a: 248); Buenos Ayres, Bacle s.n., ♂ (G-DC!, syntype); Bertero s.n. (G-DC!, syntype, = *Baccharis paniculata* DC.); Chamisso s.n., ♀ (G-DC!, syntype); Dombey s.n., ♀ (G-DC!, syntype)

= ***Baccharis glutinosa* Pers.**

Baccharis pingraea var. *angustissima* DC., Prodr. 5: 420. 1836. *Baccharis pingraea* f. *angustissima* (DC.) Cabrera, Rev. Mus. La Plata, N. S., Bot. 17: 131. 1941. *Baccharis glutinosa* var. *angustissima* (DC.) Giuliano, Bol. Soc. Argent. Bot. 46: 166. 2011. Type: Chile; "v. s. ... ex Gaud. ... ex Née et Macrae"; Propè Valparaiso, Chili, 1825, Macrae s.n., ♀ (G-DC!, lectotype, designated by Müller 2006a: 248); Coquimbo, Gaudichaud 96, ♀ (G-DC!, syntype); Coquimbo, Gaudichaud 97, ♂ (G-DC!, syntype)

= ***Baccharis glutinosa* Pers.**

Baccharis pingraea var. *latifolia* DC., Prodr. 5: 420. 1836 [nom. superfl.].

= ***Baccharis glutinosa* Pers.**

Baccharis pingraea f. *latifolia* Ariza, Bol. Acad. Nac. Ci. Córdoba 50: 245. 1973 [pro syn. *Baccharis pingraea* DC.]

Baccharis pingraea var. *longipes* (Kunze ex DC.) Heering, Jahrb. Hamb. Wiss. Anst. 21, Beih. 3: 18. 1904.

= ***Baccharis salicifolia* (Ruiz & Pav.) Pers.**

Baccharis pinilloziana Remy ex Baker, Fl. bras. (Martius) 6(3): 23. 1882 [pro syn. *Baccharis pingraea* DC.]

Baccharis pinnatifida Klatt, Abh. Naturf. Ges. Halle 15: 327. 1881. Type: Argentina; "Patagonia, leg. A. d'Orbigny No. 264"; ♀ (P!, holotype, GH!, W!, isotypes)

= ***Baccharis ulicina* Hook. & Arn.**

Baccharis platensis Spreng., Syst. veg. 3: 465. 1826. Type: Uruguay. "Monte Video. Sello"; Sellow d573 = M. I. B. 969, ♀♂ (P!, holotype, BR!, GH!, P!, isotypes)

= ***Baccharis spicata* (Lam.) Baill.**

237. *Baccharis platypoda* DC., Prodr. 5: 409. 1836. Type: Brazil; "in Brasilia (herb. L'Hér.!) prov. Minarum General. ad Mariannam (Vauth! pl. exs. n. 283)"; *Vauthier* 283, ♂ (P!, 2×, lectotype, designated by Malagarriga 1958: 289, G!, G-DC!, GH!, W!, isolectotypes)
Baccharis syncephala Sch. Bip. ex Rusby, Bull. New York Bot. Gard. 4: 386. 1907.
Baccharis condensata Rusby, Descr. S. Amer. pl. 148. 1920.
Ic.: Baker 1882, Tab. xxxiii; Malagarriga 1977: dessin 51 (leaves); Müller 2006a: Fig. 45
Bolivia (LP), Brazil (BA, ES, MG, PR, RJ, SP), Peru (PU)
Baccharis subgen. *Baccharis*

Baccharis plucheiformis Kuntze, Rev. gen. 3(2): 134. 1898 ["*plucheaeformis*"]. Type: Argentina; "Al Norte del Pan de Azucar in Sierra Chica de Cordoba (*Hieronymus*)"; ♂ (NY!, holotype)
= *Baccharis arguta* Hook. & Arn.

238. *Baccharis plummerae* A. Gray, Proc. Amer. Acad. Arts 15: 48. 1880. *Neomolina plummerae* (A. Gray) F. H. Hellw., Candollea 48: 213. 1993. Type: USA; "Along a stream in Glen Loch ravine, in the mountains near Sta. Barbara, California, where also grows *Plamarella debilis*; discovered by Miss S. A. Plummer" (not seen)
Baccharis subgen. *Pteronioides* Heering

Baccharis plummerae* A. Gray subsp. *plummerae

USA (CA)

Ic.: Malagarriga 1977: dessin 329 (leaf); Sundberg 1993: 211; Ferris 1960: Fig. 5659; Beauchamp & Henrickson 1996: Fig. 1A

Baccharis plummerae* subsp. *glabrata Hoover, Vasc. pl. San Luis Obispo Co., Calif. 302. 1970. Type: USA; California, San Luis Obispo Co., Forks of San Simeon Creek, 9 Sep 1949, ♀, Hoover 7756 (OBI!)
USA (CA)

Ic.: Sundberg 1993: 211 (leaf); Beauchamp & Henrickson 1996: Fig. 1B

239. *Baccharis pluricapitulata* (Deble). *Lanugothamnus pluricapitulatus* Deble, Balduinia 37: 16. 2012. Type: Brazil; Rio Grande do Sul, Pinheiro Machado, Serra das Asperezas, 5 Mar 2008, Deble & Oliveira 8421 (MBM, holotype, CTES, isotype)
Ic.: Deble 2012: Fig. 3

Brazil (RS)

Baccharis subgen. *Tarchonanthoides* Heering

Baccharis pluridentata Heering, in Usteri, Fl. Stadt S. Paulo 260. 1911. Type: Brazil; "Encontro-Villa Marianna, Rua Maranhao, Moóca, Villa Leopoldina"; Encontro, 29 Apr 1905, Usteri 105 (HBG!, syntype); Villa Leopoldina, 22 Apr 1906, Usteri 248, ♂ (HBG!, syntype)
= *Baccharis pentodonta* Malme (Barroso 1976, Oliveira & Marchiori 2006)

240. *Baccharis poeppigiana* DC., Prodr. 5: 410. 1836. *Baccharis umbelliformis* var. *poeppigiana* (DC.) Heering, Anales Univ. Chile 111: 168. 1903. *Baccharis obovata* var. *poeppigiana* (DC.) Cabrera, in Correa, Fl. patag. 7: 94. 1971. Type: Chile; "inter fragmenta rupium graniticarum inter la Guardia et los Ojos de Agua Chilensium. *Baccharis alaternoides* Poepp.! pl. chil. exs. 2. n. 102. non Kunth"; ♂ (G-DC!, holotype)

Baccharis subgen. *Baccharis*

Baccharis poeppigiana DC. subsp. poeppigiana

Baccharis pedicellata DC., Prodr. 5: 407. 1836.

Ic. Malagarriga 1977: dessin 231; Hellwig 1990: Abb. 91-93

Argentina, Chile

Baccharis poeppigiana subsp. austropedicellata F. H. Hellw., Mitt. Bot. Staatssamml. München 29: 276. 1990. Type: Chile, "VII. Region, del Maule, Felstrümmer an der Nordwestecke der Laguna del Maule, 2300 m, 22.2.1985, Hellwig 2950" (M, holotype, JE!, isotype)

Ic. Hellwig 1990: Abb. 95-97

Argentina, Chile

Baccharis poeppigiana subsp. ocellata (Phil.) F. H. Hellw., Mitt. Bot. Staatssamml. München 29: 282. 1990. *Baccharis ocellata* Phil., Anales Univ. Chile 87: 705. 1894. *Baccharis umbelliformis* var. *ocellata* (Phil.) Heering, Anales Univ. Chile 111: 168. 1902. Type: Chile, "frequens circa thermas chillanenses, sub finem januarii 1892 florentem legi"; Termas de Chillán, Dec 1986, *Zöllner 13122* (M, neotype, designated by Hellwig 1990)

Ic. Hellwig 1990: Abb. 98-101

Argentina, Chile

Baccharis pohlii (Baker) Deble & An. S. de Oliveira, *Balduinia* 9: 23. 2006. *Aster pohlii* Baker, *Fl. bras. (Martius)* 6(3): 23. 1882. *Baccharidiopsis pohlii* (Baker) G. M. Barroso, *Sellowia* 27: 95. 1975. Type: Brazil; "Habitat in Brasilia centrali: Pohl n. 660!"; ♂ (W!, isotype)

= *Baccharis hirta* DC. s.l.

241. Baccharis polifolia Griseb., Abh. Königl. Ges. Wiss. Göttingen 19: 176. 1874. Type: Argentina. "Catamarca, ubi fruticeta praecipue format in planitie alta Laguna blanca et pr. fodinas Las Capillatas alt. 10-11000"; Mine las Capillitas 10-11000', 7 Jan 1872, *Lorentz 337* (GOET!, lectotype, designated by Müller 2006a: 225); Becken der Laguna blanca, Jan 1872, *Lorentz 433* (GOET, syntype)

Ic.: Malagarriga 1977: dessin 330; Cabrera 1978: Fig. 100; Müller 2006a: Fig. 86

Argentina (CA, JU, LR, ME, SA, TU), Bolivia (TA)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis polyantha Kunth, *H. B. K., Nov. gen. sp.* 4: 64. 1818. Type: "cum praecedente?" [in Peruvia?]; ♀ (P-HBK!, holotype, B-Willd-15587!, F!, P!, 3×, isotypes)

= *Baccharis latifolia* (Ruiz & Pav.) Pers.

Baccharis polyantha var. *macrophylla* Hieron., *Bot. Jahrb. Syst.* 29: 25. 1900. Type: Ecuador. "Crescit in declivibus montis Chimborazo prope Ilobulo (S.[odiro] n. 16/17)" (not seen)

= *Baccharis latifolia* (Ruiz & Pav.) Pers. (Malagarriga 1977, Giuliano & Ariza Espinar 1999, Giuliano 2000)

Baccharis polycephala Wedd., *Chlor. and.* 1: 173. 1856.

≡ *Baccharis linearifolia* subsp. *polycephala* (Lam.) Joch. Müll.

Baccharis polycephala Sch. Bip., *Linnaea* 30: 181. 1859 [nom. nud.] Original material not indicated in the protologue

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers. or *B. rufidula* (Spreng.) Joch. Müll.

Baccharis polygalifolia Kunth, *H. B. K., Nov. gen. sp.* 4: 49. 1818 ["polygalaefolia"]. Type: "juxta Moran Mexicanorum: item in Paramo et declivitate Andium Popayanensium, alt. 1300-1600 hex." [erroneous]; Ecuador, ♀ (P-HBK!, holotype, B-Willd-15564-2!, P!, fragment, isotypes)

= *Baccharis buxifolia* (Lam.) Pers.

Baccharis polygama Ariza, *Kurtziana* 9: 83. 1976. Type: Argentina; "Prov. Tucumán: Dpto. no identificado: Rodríguez 1232, XII-1913" (LIL, holotype)

= *Baccharis salicifolia* (Ruiz & Pav.) Pers.

Baccharis polygona Baker, *Fl. bras. (Martius)* 6(3): 46. 1882. Type: Brazil; "in Brasilia australi, sine designatione loci: Sello n. 1353! 1354!"; Sellow s.n., ♀ (K!, syntype)

=?

Baccharis polylepis Sch. Bip. ex Baker, *Fl. bras. (Martius)* 6(3): 98. 1882 [pro syn. *Baccharis subcapitata* Gardner]

Baccharis polyneura Sch. Bip. ex Baker, *Fl. bras. (Martius)* 6(3): 100. 1882 [pro syn. *Baccharis reticularia* DC.]

242. *Baccharis polyphylla* Gardner, *London J. Bot.* 7: 88. 1848. Type: Brazil; "4902" "Arid rocky places in the Diamond Districts. Aug., 1840" (W!, isotype)

Ic.: Malagarriga 1977: dessin 52

Brazil (BA, MG)

Baccharis subgen. *Baccharis*

Baccharis polyphylla Sch. Bip. ex Baker, *Fl. bras. (Martius)* 6(3): 69. 1882 [pro syn. of *Baccharis minutiflora* Mart. ex Baker]

Baccharis polyphylla Klatt, *Ann. K. K. Naturhist. Hofmus.* 9: 359. 1894 [non Gardner 1841].

≡ *Baccharis klattii* Benoist

Baccharis polyptera DC. *Prodr.* 5: 426. 1836. Type: Brazil; "in Brasiliae prov. Rio-Grande. ... (v. s. in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 746, 750 et 1066 miss.)" (G-DC!, fragment, syntype)

= *Pterocaulon polypterum* (DC.) Cabrera

Baccharis popayanensis Hieron., *Bot. Jahrb. Syst.* 28: 593. 1901. Type: Colombia; "crescit in fruticetis apertis juxta Popayan, alt. s. m. 1600-1800 m, mense Majo florens (L.[ehmann] n. 7975. Majo 1886)"; ♀ (B, holotype, destroyed, K!, 2×, isotypes)

= *Baccharis nitida* (Ruiz & Pav.) Pers.

243. *Baccharis potosiensis* H. Rob., *BioLlania*, Ed. Esp. 6: 504. 1997. Type: Bolivia; "Potosí: Prov. Cornelio Saavedra, pasando Retiro, 2600 m, bosque seco, ..., 30 Mar. 1993, Torrico & Peca 287"; ♀♂ (US, holotype, LPB!, isotype)

Ic.: Müller 2006a: Fig. 91

Bolivia (CH, PO)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis potosina A. Gray, *Proc. Amer. Acad. Arts Sci.* 15: 33. 1880. *Neomolina potosina* (A. Gray) F. H. Hellw., *Candollea* 48: 213. 1993. Type: Mexico, San Luis Potosi, "borders of streams in the mountains. [Parry & Palmer] No. 410" (GH, holotype)

= *Baccharis sulcata* DC. (McVaugh 1972b)

Baccharis praemorsa Heering ex G. M. Barroso, *Rodriguésia* 28(40): 153. 1976 [pro syn. *Baccharis pentziifolia* Sch. Bip. ex Griseb.]

Baccharis prenanthoides Baker, *Fl. bras. (Martius)* 6(3): 84. 1882. Type: Brazil; "in campis Brasiliae orientalis, e. gr. in prov. Minas Geraes ad Lagoa Santa: Warming!; in S. Paulo, in cultis ad Juquiri: Lund!"; Lund s.n., ♀♂ (HBG!, fragment, P!, 2×, syntypes)
= *Baccharis glutinosa* Pers. (p.p.), *B. hirta* DC. (p.p.)

Baccharis pringlei Greenm., *Proc. Amer. Acad. Arts* 41: 259. 1905. *Hemibaccharis pringlei* (Greenm.) S. F. Blake, *Contr. U. S. Natl. Herb.* 20: 547. 1924. Type: Mexico; "State of Oaxaca: in wet ravines, Sierra de San Felipe, altitude 2285 m., 11 December, 1895, C. G. Pringle, no. 7014" (GH, holotype)
= *Archibaccharis pringlei* (Greenm.) S. F. Blake

Baccharis prinoides Kunth, H. B. K., *Nov. gen. sp.* 4: 56. 1818. Type: Peru; "regione calida Provinciae Jaen de Bracamos, in ripa Amazonum fluvii prope confluentem Chinchipen, alt. 200 hex."; ♀♂ (P-HBK!, holotype, B-Willd-15599!, P!, 4×, isotypes)
= *Baccharis nitida* (Ruiz & Pav.) Pers.

Baccharis procumbens Hieron., *Bot. Jahrb. Syst.* 36: 479. 1905.
= *Baccharis caespitosa* subsp. *procumbens* (Hieron.) Joch. Müll.

Baccharis prorepens (S. F. Blake) J. D. Jackson, *Taxon* 19: 263. 1970. *Archibaccharis prorepens* S. F. Blake, *J. Wash. Acad. Sci.* 24: 432. 1934. Type: Guatemala; "Clearing in the forest, Santa Elena, Dept. Chimaltenango, alt. 2400-2700 m., 22 Jan. 1933, A. F. Skutch 190" (US, holotype)
= *Baccharis serrifolia* DC. (Turner 2001)

Baccharis prostrata (Ruiz & Pav.) Pers., *Syn. pl.* 2: 425. 1807. *Molina prostrata* Ruiz & Pav., *Syst. veg.* 204. 1798. Type: Peru; "in Peruviae alpibus ad Bombom, Huamalies, Cantae et Pillao"; ♀♂ (MA!, lectotype, designated by Müller 2006a: 100, B!, fragment, G!, 3×, MA!, P!, 2×, isotypes)
= *Baccharis linearifolia* (Lam.) Pers.

Baccharis prostrata var. *lineata* Cuatrec., *Anales Univ. Madrid (Ci.)* 4(2): 212. 1935. *Baccharis tricuneata* var. *lineata* (Cuatrec.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(50): 214. 1969. Type: Peru; "Bajada del Ricricán, camino de La Orova a Tarma, terreno calizo, 29-IX-1863 ([Isern] núm. 438)" (MA, holotype)
= *Baccharis buxifolia* (Lam.) Pers.?

Baccharis proteoides DC. ex Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 163. 1977 [pro syn. *Baccharis platypoda* DC.]

244. *Baccharis prunifolia* Kunth, H. B. K., *Nov. gen. sp.* 4: 63. 1818. Type: "in Peruvia?"; probably from Colombia, ♀ (P-HBK!, holotype, B-Willd.-15589!, F!, fragment, P!, isotypes)
Baccharis densifolia Rusby, *Descr. S. Amer. pl.* 149. 1920.

Baccharis guascensis Cuatrec., *Trab. Mus. Ci. Nat. Jard. Bot. Madrid* 29: 30. 1935.

Baccharis prunifolia var. *sierrana* Cuatrec., *Rev. Acad. Colomb. Ci. Exact., Fís. Nat.* 13(49): 24. 1967. *Baccharis prunifolia* subsp. *sierrana* (Cuatrec.) Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 136. 1977.

Baccharis prunifolia var. *subprunifolia* Cuatrec., Rev. Acad. Colomb. Ci. Exact., Fís. Nat. 13(49): 23. 1967.

Ic.: Cuatrecasas 1935: Fig. 10; Cuatrecasas 1937: Fig. 10; Aristeguieta 1964: Fig. 48; Cuatrecasas 1967: Fig. 3 (leaves), Fig. 4, Fig. 5, foto 1; Cuatrecasas 1969: Fig. 59, 60, 61; Malagarriga 1977: dessin 160 (leaf), dessin 189 (leaf), dessin 191 (leaf)

Colombia (AN, BO, CA, CU, NS), Venezuela

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis prunifolia var. *sierrana* Cuatrec., Rev. Acad. Colomb. Ci. Exact., Fís. Nat. 13(49): 24. 1967. *Baccharis prunifolia* subsp. *sierrana* (Cuatrec.) Malag., Mem. Soc. Ci. Nat. La Salle 37: 136. 1977. Type: Colombia; "Magdalena: Sierra Nevada de Santa Marta, vertientes del sureste en la hoya del río Donachuí, cerca de Meollaca, páramos 3560-3500 m., arbolito 2 m., ... ♀ 6-X-59, J. Cuatrecasas & R. Romero-Castaneda 24624" (US, holotype)

= *Baccharis prunifolia* Kunth

Baccharis prunifolia var. *subprunifolia* Cuatrec., Rev. Acad. Colomb. Ci. Exact., Fís. Nat. 13(49): 23. 1967. Type: Colombia; "Norte de Santander, Páramo de Fontibón, 2600-2750 m., alt., árbol ♀ flor blanca, 16-X-41, J. Cuatrecasas, R. E. Schultes & E. Smith 12321" (US, holotype)

= *Baccharis prunifolia* Kunth

Baccharis psammophila Malme, Kungl. Sv. Vetenskapsakad. Handl. 12(2): 70. 1933. Type: Brazil; "Santa Catharina: Laguna 24/6 09 (n. 8425). Hab. in arena mobili" [leg. Dusén] (S, lectotype, designated by Heiden & Pirani 2012a: 44, S, isolectotype)

= *Baccharis gnaphalioides* Spreng. (Barroso 1976)

245. *Baccharis pseudoalpestris* Malag., Contr. Inst. Geobiol. La Salle 2: 46. 1952. *Baccharis rufescens* var. *alpestris* Baker, Fl. bras. (Martius) 6(3): 64. 1882. *Baccharis alpestris* (Baker) Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 136. 1916 [non Gardner 1845]. *Baccharis martiana* G. M. Barroso, Rodriguésia 28(40), 139. 1976 [non Colla 1834, nom. superfl.] *Baccharis longii* Govaerts, World checkl. seed pl. 2 (1), 9. 1996 [nom. superfl.] Type: Brazil, Sao Paulo; "in summo monte Itambé: Martius!"; Martius 1479?, ♂ (M!, 2×, isotypes) Brazil (MG, SP)

Baccharis subgen. *Baccharis*

Baccharis pseudobrevifolia D. J. N. Hind, Kew Bull. 98: 263. 1993. Type: Brazil; "Bahia, Mun. Aqua Quente. Pico das Almas. Harley et al. 26602 (male)" (CEPEC, holotype)

= *Baccharis linearifolia* (Lam.) Pers.

Baccharis pseudoglutinosa Malag., Mem. Soc. Ci. Nat. La Salle 37: 163. 1977 [pro syn. *Baccharis salicifolia* (Ruiz & Pav.) Pers.]

Baccharis pseudoheeringiana Malag., Mem. Soc. Ci. Nat. La Salle 37: 178. 1977 [nom. nud.] Original material not indicated in the protologue.

= ?

Baccharis pseudolycioides F. H. Hellw., Mitt. Bot. Staatssamml. München 29: 404. 1990. Type: Chile; "VIII. Region, del Biobio, Straße von Pinto zu den Termas de Chillán, am Weg nach Diguillin, kurz hinter dem Abzweig, trockene Gebüsche, 9.12.1985, Hellwig 4668" (M, holotype, JE!, isotype)

= *Baccharis lycioides* × *neaei*

246. *Baccharis pseudomyriocephala* Malag., Bull. Mus. Natl. Hist. Nat., Sér. 2, 20: 557. 1948. *Baccharis myriocephala* Baker, Fl. bras. (Martius) 6(3): 93. 1882 [non DC. 1836]. Type: Brazil; "prope Rio de Janeiro: Glaziou n. 8130!"; ♂ (P!, 3×, lectotypes, designated by Malagarriga 1958: 290, G!, isotype)

Ic.: Barroso 1976: Fig. 79 (leaf), Fig. 89; Malagarriga 1977: dessin 36, 84 (leaves)

Brazil (MG, PR, RJ, SP)

Baccharis subgen. *Baccharis*

Baccharis pseudoneaei F. H. Hellw., Mitt. Bot. Staatssamml. München 29: 407. 1990. Type: Chile; "Prov. de Curico, Dpto. Curico, Alrededores de la Laguna de Teno. 2560 m s. m. (35°10'S-70°33'W), 29. III. 1973, Marticorena, Matthei y Rodríguez 43" (CONC, holotype)

= ***Baccharis magellanica* × *neaei***

Baccharis pseudopalenae F. H. Hellw., Mitt. Bot. Staatssamml. München 29: 408. 1990. Type: Chile; "X. Region: Flußbett kurz hinter dem Ort Futrono an der Straße nach Llifén, 28.9.1985, Hellwig 5978" (M, holotype, JE!, isotype)

= ***Baccharis elaeoides* × *patagonica***

Baccharis pseudopilcensis F. H. Hellw., Mitt. Bot. Staatssamml. München 29: 410. 1990. Type: Chile, "VIII. Region: Antuco, Cerro de Pilque, Nordwesthänge über der Waldgrenze, 10.2.1988, Hellwig 10210" (M, holotype, JE!, isotype)

= ***Baccharis pilcensis* × *neaei***

Baccharis pseudopolycephala Malag., Mem. Soc. Ci. Nat. La Salle 37(107): 134. 1977. *Pseudobaccharis polycephala* Malag., Notulae Syst. 15(3): 295. 1958. *Baccharis brachylaenoides* var. *rufidula* An. S. de Oliveira & Marchiori, Balduinia 5: 4. 2005. Type: Brazil; "I 244 Regnell" (P!, holotype)

= ***Baccharis oblongifolia* (Ruiz & Pav.) Pers.**

Baccharis pseudopolyphylla Malag., Contr. Inst. Geobiol. La Salle 2: 46. 1952 [nom. superfl.]

≡ ***Baccharis klattii* Benoist**

Baccharis pseudoserrulata Malag., Notulae Syst. 15(3): 290. 1958.

= ***Baccharis glutinosa* Pers.**

Baccharis pseudospathulata Malag., Contr. Inst. Geobiol. La Salle 2: 46. 1952.

= ***Baccharis cutervensis* Hieron.**

Baccharis pseudospicata Malag., Contr. Inst. Geobiol. La Salle 2: 46. 1952 [nom. superfl.]

≡ ***Baccharis hieronymi* Heering**

Baccharis pseudotenuifolia Malag., Contr. Inst. Geobiol. La Salle 2: 46. 1952.

= ***Baccharis linearifolia* (Lam.) Pers. subsp. *linearifolia***

Baccharis pseudotenuifolia var. *leptophylla* (DC.) Giuliano, Monogr. Syst. Bot. Missouri Bot. Gard. 74: 1245. 1999 [nom. superfl.]

= ***Baccharis linearifolia* (Lam.) Pers. subsp. *linearifolia***

Baccharis pseudotridentata Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 140. 1916. Based on (and validated by) Baker, Fl. bras. (Mart.) 6(3): t. 32. 1882.

= *Baccharis linearifolia* (Lam.) Pers.

Baccharis pseudotridentata var. *usitata* Heering ex Malag., *Notulae Syst.* 15(3): 290: 290. 1957 [nom. nud.]
Original material: "10521 ♂ Hassler, 10521a, ♀, Hassler"; Sierra de Amambay, Jul 1907-1908, Rojas s.n.,
Hassler Pl. Parag. 10521 (A!); Rojas s.n., Hassler Pl. Parag. 10521a (A!)
= *Baccharis microdonta* DC.

Baccharis pseudotrinervis Heering ex Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 163. 1977 [nom. nud.] Original
material not indicated in the protologue.
= ?

247. *Baccharis pseudovaccinioides* Malag., *Contr. Inst. Geobiol. La Salle* 2: 47. 1952.
Baccharis vaccinioides Gardner, *Lond. J. Bot.* 4: 121. 1845 [non Kunth 1818]. Type: Brazil;
"Organ Mountains, at an elevation of from 5000 to 6000 feet. Fl. March"; Gardner 5782, ♀♂
(G!, P!, W!, isotypes)
Ic.: Malagarriga 1977: dessin 34 (leaf)
Brazil (RJ)
Baccharis subgen. *Baccharis*

248. *Baccharis pseudovillosa* Malag. & Vidal, *Contr. Inst. Geobiol. La Salle* 2: 47. 1952.
Baccharis villosa Heering, *Jahrb. Hamb. Wiss. Anst.* 3, Beih. 3: 25. 1904 [non Vahl 1790].
Type: Brazil; "Ule n. 1782. Kleiner Strauch in den Sümpfen auf dem Campo de Capiware der
Serra Geral"; ♂ (P!, lectotype, designated by Malagarriga 1958: 290, GH!, HBG!, 2×,
isotypes)
Ic.: Malagarriga 1977: dessin 124 (leaves); Diesel 1987: Fig. 3; Heiden & al. 2009a: Fig. 16
Brazil (RS, SC)
Baccharis subgen. *Molina* (Pers.) Heering

249. *Baccharis psiadioides* (Less.) Joch. Müll., *Syst. Bot. Monogr.* 76: 306. 2006.
Heterothalamus psiadioides Less., *Linnaea* 6: 504. 1831. Type: Brazil; "In Brasilia a Sellowio
lectus nunc colitur in horto botanico berlinensi"; Rio Grande do Sul, Sellow s.n. = *M. I. B.*
958, ♀ (P!, isotype)
Baccharis czermakii Hochr., *Ann. Conserv. Jard. Bot. Genève* 3: 173. 1899.
Baccharis czermakii var. *corymbosa* Hochr., *Ann. Conserv. Jard. Bot. Genève* 3: 173. 1899.
Ic.: Barroso 1976: Fig. 63-67 (flowers, head, leaf)
Brazil (RS, SC), Uruguay
Baccharis subgen. *Molina* (Pers.) Heering

Baccharis psilocalyx Mart. ex Baker, *Fl. bras. (Martius)* 6(3): 48. 1882 [pro syn. *Baccharis erioclada* DC.]

Baccharis ptariensis Steyer., *Fieldiana, Bot.* 28: 623-624. 1953. Type: Venezuela; "along
base of east-facing high sandstone bluffs, Ptari-tepuí, state of Bolívar, alt. 2410-2450 m.,
November 7, 1944, Julian A. Steyermark 59928" (F, holotype)
= *Baccharis oblongifolia* (Ruiz & Pav.) Pers. (Maguire & Wurdack 1957, Aristeguieta 1964,
Pruski 1997)

Baccharis ptarmicifolia DC., *Prodr.* 5: 419. 1836 ["ptarmicaefolia"]. *Neomolina*
ptarmicifolia (DC.) F. H. Hellw., *Candollea* 48: 213. 1993. Type: Mexico; "in hortis
Mexicanis legit. cl. Berlandier julio flor. (pl. exs. n. 572)"; ♀ (G-DC!, holotype, W!, 3×,
isotypes)
= *Baccharis thesioides* Kunth

Baccharis ptenoptera Sch. Bip. ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 163. 1977 [pro syn. *Baccharis subalata* Wedd.]

Baccharis pterocaulon Bojer ex DC., Prodr. 5: 455. 1836 [pro syn. *Monenteles pterocaulon* DC.]

250. *Baccharis pteronioides* DC., Prodr. 5: 410. 1836. *Neomolina pteronioides* (DC.) F. H. Hellw., Candollea 48: 213. 1993. Type: Mexico; "inter Tampico et Real del Monte maio flor. legit cl. Berlandier (pl. exs. n. 398)"; ♀ (G-DC!, holotype)

Haplopappus ramulosus DC., Prodr. 5: 350. 1836. *Linosyris ramulosa* (DC.) A. Gray, Smiths. Contr. Knowl. 5(6): 80. 1853. *Baccharis ramulosa* (DC.) A. Gray, Mem. Amer. Acad. Arts Sci., Ser. 2, 5: 301. 1854.

Ic.: Matuda 1957: Fig. 30-31; Malagariga 1977: dessin 232 (leaf), dessin 272 (leaves)

Mexico, USA (AR, NM, TX)

Baccharis subgen. *Pteronioides* Heering

Baccharis puberula DC., Prodr. 5: 401. 1836. Type: Brazil; "in Brasiliae prov. Sancti-Pauli"; "in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 515 miss."; Sellow s.n. = M. I. B. 515, ♀ (P!, holotype, G-DC!, isotype)

= *Baccharis erigeroides* DC.?

Baccharis pulchella Sch. Bip. ex Griseb., Abh. Königl. Ges. Wiss. Göttingen 24: 181. 1879. *Neomolina pulchella* (Sch. Bip. ex Griseb.) F. H. Hellw., Candollea 48: 213. 1993. Type: Bolivia; "Mandon pl. boliv. 185" "Ct." [Catamarca]; Mandon 185, ♀♂ (GOET!, leftmost branch, lectotype, designated by Müller 2006a: 265, BR!, G!, GH!, 3×, HBG!, K!, MO!, fragment, NY!, 4×, P!, 6×, W!, 2×, "isotypes"); Catamarca, Schickendantz 295 (GOET!, syntype)

= *Baccharis arguta* Hook. & Arn.

Baccharis pulchella var. *grisea* Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 78. 1916. Type: Argentina, "Tucuman: Dep. Capital, cercos (Lillo n. 7110 - 24. Sept., [m, f], n. 3199 - 29. September, ♂, ♀"; Lillo 7110, ♀♂ (HBG, lectotype, designated by Müller 2006a: 265); Lillo 3199, ♀♂ (HBG!, syntype)

= *Baccharis arguta* Hook. & Arn.

Baccharis pululahuensis Hieron., Bot. Jahrb. Syst. 29: 23. 1900. Type: Ecuador. "Crescit in silvis montis ignivomi Pululahua (S.[odiro] n. 16/22)" (B!, holotype, destroyed)

= *Baccharis trinervis* Pers.

Baccharis pulverulenta Klatt, Abh. Naturf. Ges. Halle 15: 327. 1881. Type: Bolivia; "Valle grande, leg. A. d'Orbigny No. 1143"; ♂ (P!, holotype, BR!, G!, GH!, P!, 2×, isotypes)

= *Baccharis dracunculifolia* DC.

251. *Baccharis pumila* Joch. Müll., Syst. Bot. Monogr. 76: 124. 2006. Type: Bolivia; "Tarija: Prov. Avilez, ca. 10 km W Camacho, ca. 4200 m, 28 Feb 2002, ♀ and ♂, Müller 9241" (JE!, holotype, BR!, LPB!, NY!, isotypes)

Ic. Müller 2006a: Fig. 42

Bolivia (TA)

Baccharis subgen. *Baccharis*

Baccharis punctigera DC., Prodr. 5: 404. 1836. *Baccharis lundii* var. *punctigera* (DC.) Baker, Fl. bras. (Martius) 6(3): 75. 1882. Type: Brazil; "in Brasiliae prov. Minarum

generalium ad Mariannam legit cl. Vauthier (pl. exs. n. 261)"; ♀ (G-DC!, holotype, G!, P!, 2×, isotypes)
= ***Baccharis serrulata*** (Lam.) Pers.

252. *Baccharis punctulata* DC., Prodr. 5: 405. 1836. *Baccharis oxyodonta* var. *punctulata* (DC.) Baker, Fl. bras. (Martius) 6(3): 77. 1882. *Pingraea punctulata* (DC.) F. H. Hellw., Candollea 48: 218. 1993. Type: Brazil; "in Brasiliae prov. Rio-Grande"; "in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 970 miss."; Sellow 3618 = M. I. B. 970, ♀ (P!, holotype G-DC!, fragment, isotype)

Baccharis melastomifolia Hook. & Arn., J. Bot. 3: 25. 1840 ["*melastomaefolia*"].

Baccharis amygdalina Griseb., Abh. Königl. Ges. Wiss. Göttingen 19: 175. 1874.

Ic.: Malagarriga 1954 (leaf); Cabrera 1974: Fig. 14; Malagarriga 1977: dessin 243; Cabrera 1978: Fig. 104; Müller 2006a: Fig. 49

Argentina (BA, CR, ER, JU, MI, SA, TU), Bolivia (CH, SC), Brazil (ES, MG, PR, RJ, RS, SC, SP), Paraguay, Uruguay

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis purpurascens Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 96. 1916. Type: Argentina; "Tucuman: Dep. Taft, Ufer des Río Taft (Lillo n. 4106 - 18. Febr. 1905, ♂, ♀ in Blüte) (HBG!, holotype)

= ***Baccharis salicifolia*** (Ruiz & Pav.) Pers. *subsp. salicifolia*

253. *Baccharis pycnantha* Phil., Anales Univ. Chile 87: 701. 1894. *Pingraea pycnantha* (Phil.) F. H. Hellw., Candollea 48: 218. 1993. Type: Chile; "in Andibus provinciae Atacama loco dicto Quebrada de Paipote dicto invenit januario 1885 Fridericus Philippi" (not seen)
Chile

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis pyramidalis Gardner, Lond. J. Bot. 4: 122. 1845. Type: Brazil; "Moist bushy places, Organ Mountains, at an elevation of about 5000 feet. Fl. March"; Gardner 5781 (not seen)

= ***Baccharis megapotamica*** Spreng. (Baker 1882, Barroso 1976, Malagarriga 1977, Giuliano & Ariza Espinar 1999, Giuliano 2000)

Baccharis pyramidata (B. L. Rob. & Greenm.) Rzed., Brittonia 24: 398. 1972. *Bigelovia pyramidata* B. L. Rob. & Greenm., Proc. Amer. Acad. Arts 32: 43. 1896. Type: Mexico; "Collected by C. G. Pringle, on hills above Oaxaca, altitude 5,500 feet, 16 November, 1894, no. 6048"; ♀ (JE!, isotype)

≡ ***Aztecaster pyramidatus*** (B. L. Rob. & Greenm.) G. L. Nesom

Baccharis pyrhopappus Sch. Bip. ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 164. 1977 [pro syn. *Baccharis muelleri* Baker]

Baccharis quadrangularis Meyen, Reise 1: 460. 1834. Type: Peru (Puno/Arequipa), "Alto de los huesos" (not seen)

≡ ***Parastrephia quadrangularis*** (Meyen) Cabrera

Baccharis quadrinervia Pers., Syn. pl. 2: 423. 1807. Type: "Hab. in Amer. merid. (Herb. Juss.)" (not seen)

= ?

Baccharis quinquenervis DC., Prodr. 5: 399. 1836. Type: Brazil; "in fruticetis prov. Sancti-Pauli Brasiliae legit cl. Lund"; Nov 1833, Lund 842, ♀♂ (G-DC!, holotype)
= *Baccharis conyzoides* (Less.) DC.

254. *Baccharis quitensis* Kunth, H. B. K., Nov. gen. sp. 4: 57. 1818. Type: Ecuador; "in alta planitie Quitensi ad radices montis ignivomi Rucu-Pichincha, alt. 1500 hex."; ♀ (P-HBK!, holotype, B-Willd-15600!, F!, fragment, P!, isotypes)

Baccharis flexuosa Baker, Fl. bras. (Martius) 6(3): 83. 1882. *Pingraea flexuosa* (Baker) F. H. Hellw., Candollea 48: 217. 1993.

Baccharis mapirensis Rusby, Mem. Torrey Bot. Club 6: 61. 1896.

Baccharis pendula Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 86. 1916.

Ic.: Malagarriga 1977: dessin 104 (leaf), dessin 106 (leaf), dessin 334 (leaves) ; Cabrera 1978: Fig. 98; Müller 2006a: Fig. 64

Argentina (JU, SA, TU), Bolivia (CH, CO, LP, SC, TA), Brazil (MG, MT), Ecuador (LO, PA), Peru (AM, AP, CA, LO, PU)

Baccharis subgen. *Molina* (Pers.) Heering

255. *Baccharis racemosa* (Ruiz & Pav.) DC., Prodr. 5: 401. 1836. *Molina racemosa* Ruiz & Pav., Syst. veg. 209. 1798. *Neomolina racemosa* (Ruiz & Pav.) F. H. Hellw., Candollea 48: 213. 1993. Type: Chile; "in Regni Chilensis silvis et nemoribus ad Nonguen, Carcamo, Palomares, Hualpen et Hualqui tractus"; ♂ (MA!, lectotype, designated by Hellwig 1993, OXF!, P!, 2×, isotypes)

Molina sessilifolia Less., Linnaea 6: 140. 1831. *Baccharis sessilifolia* (Less.) DC., Prodr. 5: 418. 1836. *Baccharis sessilifolia* var. *hebeclada* DC., Prodr. 5: 418. 1836 [nom. superfl.]

Baccharis racemosa var. *sessilifolia* (Less.) Sch. Bip., Bonplandia 4: 55. 1856.

Baccharis rigida Hook. & Arn., Bot. Beech. voy. 1: 57. 1832. *Baccharis oblongifolia* var. *glabriuscula* DC., Prodr. 5: 420. 1836.

Baccharis eupatorioides Hook. & Arn., J. Bot. 3: 22. 1840. *Baccharis racemosa* var. *eupatorioides* (Hook. & Arn.) Kuntze, Rev. gen. 3(2): 134. 1898.

Baccharis ovata Hook. & Arn., J. Bot. 3: 22. 1840.

Baccharis racemosa var. *angolensis* Kuntze, Rev. gen. 3(2): 134. 1898.

Baccharis racemosa var. *integerrima* Kuntze, Rev. gen. 3(2): 134. 1898.

Baccharis racemosa var. *obtusifolia* Kuntze, Rev. gen. 3(2): 134. 1898.

Baccharis racemosa var. *riparia* Kuntze, Rev. gen. 3(2): 134. 1898.

Baccharis racemosa var. *urvillei* Kuntze, Rev. gen. 3(2): 134. 1898.

Ic.: Cabrera 1971: Fig. 79

Argentina, Chile

Baccharis subgen. *Pteronioides* Heering

Baccharis racemosa var. *angolensis* Kuntze, Rev. gen. 3(2): 134. 1898. Type: Chile; "Angola" (not seen)

= *Baccharis racemosa* (Ruiz & Pav.) DC.

Baccharis racemosa var. *eupatorioides* (Hook. & Arn.) Kuntze, Rev. gen. 3(2): 134. 1898.

= *Baccharis racemosa* (Ruiz & Pav.) Pers.

Baccharis racemosa var. *integerrima* Kuntze, Rev. gen. 3(2): 134. 1898. Type: Chile; "Chiguayante" (not seen)

= *Baccharis racemosa* (Ruiz & Pav.) DC.

Baccharis racemosa var. *integra* Reiche, Anales Univ. Chile 111, 164. 1903 [sphalm. for *Baccharis racemosa* var. *integerrima* Kuntze]

Baccharis racemosa var. *obtusifolia* Kuntze, *Rev. gen.* 3(2): 134. 1898. Type: Chile; "Algarrobo, legit Philippi" (not seen)
= *Baccharis racemosa* (Ruiz & Pav.) DC.

Baccharis racemosa var. *riparia* Kuntze, *Rev. gen.* 3(2): 134. 1898. Type: Chile; "Poepp. coll. pl. Chil. I No. 209" (not seen)
= *Baccharis racemosa* (Ruiz & Pav.) DC.

Baccharis racemosa var. *sessilifolia* (Less.) Sch. Bip., *Bonplandia* 4: 55. 1856.
= *Baccharis racemosa* (Ruiz & Pav.) Pers.

Baccharis racemosa var. *urvillei* Kuntze, *Rev. gen.* 3(2): 134. 1898. Type: Chile; "Concepcion de Chile (D'Urville ...)" (not seen)
= *Baccharis racemosa* (Ruiz & Pav.) DC.

Baccharis radicans DC., *Prodr.* 5: 416. 1836. Type: Brazil; "in Brasiliae prov. Rio-Grande. ... (v. s. in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 906 miss.)"; Sellow s.n. = M. I. B. 906, ♂ (P!, holotype, G-DC!, isotype)
= *Baccharis gnaphalioides* Spreng.

Baccharis radin Phil., *Linnaea* 33: 146. 1864-1865. Type: Chile, "frequens in nemoribus Valdiviae" (NY!, syntype, which is *Baccharis salicifolia* (Ruiz & Pav.) Pers.)
= *Baccharis sphaerocephala* Hook. & Arn. (Reiche 1903, 1905; Heering 1904b, 1916; Malagarriga 1977)

256. *Baccharis ramboi* G. Heiden & Macias, *Novon* 18: 180. 2008. Type: Brazil; "Rio Grande do Sul: Osório, Faz. do Arroio, 6 Mar. 1950 (♀), B. Rambo S. J. s.n." (PACA 46155!, holotype)

Ic.: Heiden & al. 2008: Fig. 2

Brazil (PR, RS, SC)

Baccharis subgen. *Molina* (Pers.) Heering

257. *Baccharis ramiflora* A. Gray, *Proc. Amer. Acad. Arts* 15: 33. 1880. Type: Mexico; "gravelly hills near streams, San Luis Potosi, June. [Parry & Palmer] No. 404, 412"; ♀♂, *Parry & Palmer* 404 (E!, GH!, MO!, MY, P!, PH!, 2×, syntypes) ; ♀♂, *Parry & Palmer* 412 (E!, GH!, K!, MO!, 2×, NY, 2×, S!, US!, YU!, syntypes)

Baccharis ramiflora var. *squarrulosa* A. Gray, *Proc. Amer. Acad. Arts* 15: 33. 1880.

Mexico

Baccharis subgen. *Pteronioides* Heering

Baccharis ramiflora var. *squarrulosa* A. Gray, *Proc. Amer. Acad. Arts* 15: 33. 1880. Type: Mexico; "with the other form. [San Luis Potosi, June; Parry & Palmer] No. 408"; ♀♂ (GH!, holotype, NY!, US!, isotypes)

= *Baccharis ramiflora* A. Gray

258. *Baccharis ramosissima* Gardner, *London J. Bot.* 7: 84. 1848. Type: Brazil; "4912" "Near Formigas, Province of Minas Geraes. July, 1840"

Ic.: Malagarriga 1977: dessin 335 (leaves)

Brazil (BA, GO, MG)

Baccharis subgen. *Baccharis*

Baccharis ramulosa (DC.) A. Gray, *Mem. Amer. Acad. Arts Sci., Ser. 2, 5*: 301. 1854. *Haplopappus ramulosus* DC., *Prodr. 5*: 350. 1836. *Linosyris ramulosa* (DC.) A. Gray, *Smiths. Contr. Knowl. 5(6)*: 80. 1853. Type: Mexico; "in Mexico ad Tlapujahua legit et Keerl. ... h. Mart." (G-DC!, holotype)
= ***Baccharis pteronioides*** DC.

Baccharis rapunculoides E. Mey. ex DC., *Prodr. 5*: 323. 1836 [pro syn. *Nidorella rapunculoides* DC.]

Baccharis rarifolia Hook. & Arn. ex Malag., *Mem. Soc. Ci. Nat. La Salle 37*: 164. 1977 [pro syn. *Baccharis genistifolia* DC.]

259. *Baccharis raulii* Díaz & Cuatrec., *Rev. Acad. Colomb. Ci. 18(69)*: 128. 1991. Type: Colombia; "Departamento del Quindío, Municipio de Salento, Alto Quindío, Herencia Verde, 2500 m, 15-junio-1990, Raúl Echeverry E. 4242" (COL, holotype)
Ic.: Díaz-Piedrahita & Cuatrecasas 1991: Fig. 1
Colombia

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis recurvata Gardner, *London J. Bot. 7*: 86. 1848. Type: Brazil; "4900" "In marshy bushy places near Piranga, Province of Minas Geraes. October, 1840"; ♂ (G!, 3×, P!, 3×, W!, isotypes)
= ***Baccharis caprariifolia*** DC.

Baccharis recurvata var. *integrifolia* Chodat, *Bull. Herb. Boissier, Sér. 2, 2*: 385. 1902. Type: Paraguay; "in dumeto pr. fl. Tapiraguay, Aug., [Hassler] 4315"; ♂ (G!, 2×, isotypes)
= ***Baccharis caprariifolia*** DC.

Baccharis refracta Burchell ex Baker, *Fl. bras. (Martius) 6(3)*: 64. 1882. Type: Brazil, Uruguay; "in prov. S. Paulo, in silvis prope Morumbi: Burchell n. 4513! prope Montevideo: Capt. King n. 271!" (not seen)
= ***Baccharis microdonta*** DC. (Barroso 1976, Cabrera 1978, Giuliano & Ariza Espinar 1999, Giuliano 2000, Oliveira & Marchiori 2006)

260. *Baccharis regnellii* Sch. Bip. ex Baker, *Fl. bras. (Martius) 6(3)*: 74. 1882. Type: Brazil. "in prov. Minas Geraes, in paludosis ad Caldas: Regnell II. n. 155; prope Rio de Janeiro: Glaziou n. 7718!; praetera legit Langsdorff!"; *Regnell 2: 155*, ♀ (R, lectotype, designated by Schneider & Heiden 2010: 76, BR!, C, P!, 2×, US, isolectotypes); *Glaziou 7718*, ♂ (G!, P!, syntypes)

Ic.: Malagarriga 1977: dessin 336 (leaves)

Brazil (MG, RJ, SP)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis regnellii var. *subalata* Heering, in Usteri, *Fl. Stadt S. Paulo*: 258. 1911. Type: not indicated in the protologue; Brazil, São Paulo, 23 Nov 1906, Usteri 70b (SP, isotype?)
= ***Baccharis burchellii*** Baker

Baccharis regnelliioides Malag. & Hatschbach ex G. M. Barroso, *Rodriguésia 28(40)*: 179. 1976 [pro syn. *Baccharis vincifolia* Baker]

Baccharis reichei Heering ex Malag., *Mem. Soc. Ci. Nat. La Salle 37*: 165. 1977 [pro syn. *Baccharis obovata* Hook. & Arn.]

Baccharis resediflora Less. ex Baker, *Fl. bras. (Martius)* 6(3): 58. 1882 [pro syn. *Baccharis erigeroides* DC.]

Baccharis resiniflua Hochst. & Steud. ex DC., *Prodr.* 7: 282. 1838. Type: Saudi-Arabia?; "in vallibus montium occidentalium propè Tayfam Arabiae felicis decembr. flor. legit cl. Schimper!"; Schimper 872 (G-DC!, holotype, G!, isotype)
= *Psiadia punctulata* (DC.) Vatke

Baccharis resinosa Kunth, H. B. K., *Nov. gen. sp.* 4: 52. 1818. Type: "in America meridionali"; ♀♂ (P-HBK!, holotype, B-Willd-15575!, P!, 3×, isotypes)
= *Baccharis teindalensis* Kunth

Baccharis resinosa var. *truncatifolia* Perkins, *Bot. Jahrb. Syst.* 49: 224. 1913. Type: Bolivia; "Palca-La Paz, 3800 m ü. M. (Pflanz n. 68. - Im November 1907 blühend)" (B, holotype, destroyed)
= *Baccharis papillosa* Rusby subsp. *papillosa*?

261. *Baccharis retamoides* Phil., *Anales Univ. Chile* 36: 180. 1870. *Pseudobaccharis retamoides* (Phil.) Cabrera, *Notas Mus. La Plata* 9: 253. 1944. *Psila retamoides* (Phil.) Cabrera, *Bol. Soc. Argent. Bot.* 5: 211. 1955. Type: Argentina; "Mendoza"; 1868-1869, *Philippi s.n.* (SGO, lectotype, designated by Giuliano 2005: 536)
Argentina
Baccharis subgen. *Molina* (Pers.) Heering

262. *Baccharis reticularia* DC., *Prodr.* 5: 409. 1836. Type: Brazil; "in Brasiliae prov. Minarum generalium ad Villa Ricca legit cl. Vauthier (pl. exs. n. 329)"; ♀ (G-DC!, holotype, G!, P!, 3×, isotypes)
Baccharis vauthieri DC., *Prodr.* 5: 409. 1836.
Baccharis arctostaphyloides Baker, *Fl. bras. (Martius)* 6(3): 88. 1882.
Baccharis bahiensis Baker, *Fl. bras. (Martius)* 6(3): 88. 1882.
Baccharis micropoda Baker, *Fl. bras. (Martius)* 6(3): 88. 1882.
Ic.: Malagarriga 1977: dessin 44 (leaves), dessin 147 (leaf), dessin 298 (leaf); Oliveira & Marchiori 2006: Fig. 4a-e
Brazil (BA, DF, ES, GO, MG, MS, PR, RJ, SC, SP)
Baccharis subgen. *Baccharis*

Baccharis reticularia var. *polyneura* Sch. Bip. ex Glaz., *Mém. Soc. Bot. France* 3: 405. 1910 [nom. nud.]
Original material: Brazil; "Entre Fazenda do Taquaral et Rezende, Petropolis à S. Antonio, Rio-Jan., n°s. 7702, 7724, 7725" [not seen].
= *Vernonia* sp. (Malagarriga 1977)

263. *Baccharis reticularioides* Deble & A. S. Oliveira, *Bonplandia* 20: 28. 2011. Type: Brazil; "Paraná, Palmeira, BR277, 930 m, ... 13-XII-2009, ♀"; Deble & Oliveira-Deble 12017 (CTES, holotype, SI, isotype)
Brazil
Baccharis subgen. *Baccharis*

264. *Baccharis reticulata* (Ruiz & Pav.) Pers., *Syn. pl.* 2: 425. 1807. *Molina reticulata* Ruiz & Pav., *Syst. veg.* 212. 1798. Type: "in collibus aridis Conceptionis Chile" [erroneous, material should be from Peru]; ♀♂ (MA!, lectotype, designated by Müller 2006a: 306, B!, fragment, , MA!, P!, isotypes)
Ic.: Kunth 1818: Tab. 323

Ecuador (AZ, LO, MS, ZC), Peru (AM, CA, HU, SM)
Baccharis subgen. *Molina* (Pers.) Heering

265. *Baccharis retusa* DC., Prodr. 5: 412. 1836. Type: Brazil; "in Brasiliae prov. Sancti-Pauli. ... (v. s. in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 479 miss.)"; Sellow s.n. = M. I. B. 479, ♂ (P!, holotype, G-DC!, isotype)

Baccharis halimimorpha DC., Prodr. 5: 411. 1836.

Ic.: Malagarriga 1954 (leaf); Barroso 1976: Fig. 84 (leaf); Malagarriga 1977: dessin 100 (leaf); Oliveira & Marchiori 2006: Fig. 13

Brazil (BA, DF, GO, MG, MT, PR, RJ, RS, SC, SP), Paraguay

Baccharis subgen. *Baccharis*

266. *Baccharis revoluta* Kunth, H. B. K., Nov. gen. sp. 4: 50. 1818. Type: "cum praecedente?" [in Peruvia?]; ♂ (P-HBK!, holotype, P!, fragment, isotype)

Ic.: Cuatrecasas 1967: Fig. 1 (female & male style tip), Fig. 15, Fig. 16 (leaf); Cuatrecasas 1969: Fig. 64, 71, 72; Malagarriga 1977: dessin 85 (leaves)

Baccharis weddelliana Hieron., Bot. Jahrb. Syst. 21: 345. 1895.

Colombia

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis revoluta Hook. & Arn. ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 165. 1977 [pro syn. *Baccharis pingraea* DC.]

Baccharis rhetinodes Meyen & Walp., Nov. Act. Acad. Caes. Leop.-Carol. Nat. Cur. 18, Suppl. 1: 265. 1843. Type: Chile; "Cordillera de S. Fernando"; ♂ (GH!, fragment, isotype)
= *Baccharis neaei* DC.

Baccharis rhexioides Kunth, H. B. K., Nov. gen. sp. 4: 66. 1818.

≡ *Baccharis trinervis* var. *rhexioides* (Kunth) Baker

Baccharis rhexioides var. *angustifolia* Hieron., Bot. Jahrb. Syst. 36: 478. 1905. Type: Peru; "prope Tambillo (J[elski]. n. 626, 10. m. Aug. 1878)" (not seen)

= *Baccharis trinervis* var. *rhexioides* (Kunth) Baker?

Baccharis rhexioides var. *parvifolia* Hieron., Bot. Jahrb. Syst. 28: 588. 1901. Type: Colombia; "in silvis densis prope Inza (nec "Inga" ut scripsit cl. Klatt) in prov. Tolima, alt. s. m. 2000 m (L.[ehmann] n. 2186; 14. Nov. 1882)" (B, holotype, destroyed, US, isotype)

= *Baccharis trinervis* var. *rhexioides* (Kunth) Baker (Cuatrecasas 1967, 1969, Giuliano & Ariza Espinar 1999, Giuliano 2000)

267. *Baccharis rhomboidalis* Remy, in Gay, Fl. de Chile 4: 99. 1849. Type: Chile; "Se cria en la República"; 1839, Gay 1003 (P, holotype, GH!, isotype)

Baccharis subgen. *Baccharis*

Baccharis rhomboidalis* Remy subsp. *rhomboidalis

Baccharis involucrata Phil., Anales Univ. Chile 87: 707. 1894.

Baccharis nemorosa Phil., Anales Univ. Chile 87: 708. 1894. *Baccharis rhomboidalis* var. *nemorosa* (Phil.) Heering, Anales Univ. Chile 111: 179. 1903.

Ic.: Cabrera 1971: Fig. 72; Hellwig 1990: Abb. 102-105

Argentina, Chile

Baccharis rhomboidalis var. *nemorosa* (Phil.) Heering, Anales Univ. Chile 111: 179. 1903.

= *Baccharis rhomboidalis* Remy subsp. *rhomboidalis*

Baccharis rhomboidalis subsp. **truncata** (Heering) F. H. Hellw., Mitt. Bot. Staatssamml. München 29: 300. 1990. *Baccharis truncata* Phil., Linnaea 33: 148. 1864 [non Gardner 1848]. *Baccharis rhomboidalis* var. *truncata* Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 126. 1916. Type: Chile: Chile; "in Andibus prov. Colchaguae legit orn. Landbeck" (SGO, holotype)
Ic.: Hellwig 1990: Abb. 107-110
Chile

Baccharis richardiifolia Volkens, Ber. Deutschen Bot. Ges. 8: 121 ["richardifolia"]. 1890. Type: "wird im Botanischen Garten ein halbmannshoher Strauch cultivirt" [= Berlin Botanical Garden] (not seen)
= ?

Baccharis rigida Hook. & Arn., Bot. Beech. voy. 1: 57. 1832. *Baccharis oblongifolia* var. *glabriuscula* DC., Prodr. 5: 420. 1836. Type: Chile; "Valparaiso.- This we have received also from Mr. Cruckshanks and Mr. Bridges" (not seen)
= *Baccharis racemosa* (Ruiz & Pav.) Pers. (Reiche 1903, Heering 1916)

268. Baccharis riograndensis Malag. & Vidal, Bol. Inform. Inst. Geobiol. La Salle 1: 13. 1949. Type: Brazil; "Rio Grande do Sul, Sta. Maria, Leg. Nat. José Vidal, III-1939 (Tipo: Herb. do Museu Nacional do Rio de Janeiro n. 37004 (forma masculina) e n. 37006 (forma feminina)"; Vidal 37006, ♀ (R!, lectotype, designated by Heiden & Schneider 2008)
Ic.: Malagarriga 1977: dessin 337; Diesel 1987: Fig. 7; Heiden & al. 2006: Fig. 1; Heiden & Schneider 2008: Fig. 1; Heiden & al. 2009a: Fig. 18
Brazil (RS)
Baccharis subgen. *Molina* (Pers.) Heering

Baccharis riparia Kunth, H. B. K., Nov. gen. sp. 4: 65. 1818. Type: Ecuador; "in convallibus Regni Quitensis prope Guamoto et rio Chambo, alt. 1300-1600 hex."; Humboldt & Bonpland 3197, ♂ (P-HBK!, holotype, F!, fragment, isotype)
= *Baccharis latifolia* (Ruiz & Pav.) Pers.

Baccharis riparia Poepp. ex DC., Prodr. 5: 418. 1836 [pro syn. *Baccharis sessilifolia* (Less.) DC.]

269. Baccharis rivularis Gardner, London J. Bot. 7: 83. 1848. Type: Brazil; "Margins of streams in woods near Villa de Arrayas, Province of Goyaz (3838), and near San Romao, Province of Minas Geraes (4906). April and June, 1840"; Gardner 3838, ♀♂ (P!, lectotype, designated by Malagarriga 1958: 291, G!, 3×, W!, isolectotypes)
Ic.: Malagarriga 1977: dessin 91 (leaf)
Brazil (DF, GO, MG, SP)
Baccharis subgen. *Baccharis*

Baccharis robusta Sojaux ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 165. 1977 [nom. inval., pro *Vernonia* sp.]

270. Baccharis rodriguezii Ariza, Kurtziana 7: 190. 1973. Type: Argentina; "Prov. Salta: Dpto. Cafayate: El Alisal, Cerro del Cajón, Rodríguez 1430, 7-IV-1914" (LIL, holotype, BR!, GH!, isotypes?, collected Apr 1914)
Ic. Ariza 1973b: Fig. 2
Argentina (SA, TU)
distinct species of unclear affinities

Baccharis rohriana Spreng., in Ersch & Gruber, Allg. Encycl. 7: 27. 1821 [nom. superfl.]
= ***Baccharis dioica*** Vahl

Baccharis rojasii Hassl. ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 165. 1977 [nom. nud.] Original material: Paraguay, Hassler 11306, 11306a (G!)
= ***Baccharis dentata*** (Vell.) G. M. Barroso

Baccharis roraimae M. R. Schomb., Reis. Br.-Guiana 3: 1078. 1849 [nom. nud.] Original material: Guyana; "am südlichen Abhänge des Roraima in einer Meereshöhe von 6000 Fuss zwischen niederem, lichtem Gebüsch"; ♂ (P!)
= ***Baccharis oblongifolia*** (Ruiz & Pav.) Pers.

Baccharis rosmarinifolia Hook. & Arn., Bot. Beech. voy. 1: 30. 1830. Type: Chile; "Conception.- We possess the same, gathered at Valparaiso by Mr. Bridges"; Valparaiso, Beechey's Voy. s.n. (K, lectotype, designated by Hellwig 1990)
= ***Baccharis linearis*** (Ruiz & Pav.) Pers. subsp. *linearis*

Baccharis rosmarinifolia var. *andicola* Hauman, Anales Soc. Ci. Arg. 86: 316. 1918. Type: Argentina; "Ne dépasse pas 2400 mètres; est plus abondant vers 2000 mètres. Fleurit en novembre (1913) et est complètement défleuri en Janvier (1908-1910); Cordillères de l'Espinacito (San Juan), leg. Bodenbender"; Cordillères de Mendoza, Cueva del Toro, Jan 1897, Hauman s.n., ♂ (BR!, syntype)
= ***Baccharis grisebachii*** Hieron.

Baccharis rosmarinifolia var. *callistanoides* Macloskie, Rep. Princeton Univ. Exp. Patagonia 8, Suppl. Bot.: 265 [sphalm. for *Baccharis rosmarinifolia* var. *callistemoides*]

Baccharis rosmarinifolia var. *callistemoides* (Meyen & Walp.) Heering, Anales Univ. Chile 111: 173. 1903.
= ***Baccharis linearis*** (Ruiz & Pav.) Pers.

Baccharis rosmarinifolia var. *subandina* (Phil.) Reiche, Anales Univ. Chile 111: 173. 1903.
= ***Baccharis neaei*** DC.

Baccharis rosmarinifolia var. *subsINUATA* DC., Prodr. 5: 420. 1836. Type: Chile; "Verisim. in Chili legit cl. Dombey"; Dombey 41, ♂ (G-DC!, holotype)
= ***Baccharis linearis*** (Ruiz & Pav.) Pers. subsp. *linearis*

Baccharis rosmarinus (Vell.) Peckolt ex Soares da Cunha, De von Mart. Ervanarios da Bahia 30. 1941. *Cacalia rosmarinus* Vell., Fl. flumin. 339. 1829. Type: Brazil; "terris excultis mediterraneis ... Tab. 67a. T. 8".
= ?

Baccharis rotundifolia Spreng., Syst. veg. 3: 465. 1826. Type: Uruguay. "Monte Video. Sello"; Sellow d554 = M. I. B. 964, ♂ (P!, holotype, G-DC!, GH!, 2×, P!, isotypes)
= ***Baccharis sessiliflora*** Vahl

Baccharis rotundifolia Phil. ex F. H. Hellw., Mitt. Bot. Staatssamml. München 27, 101. 1988 [pro syn. *Baccharis scandens* (Ruiz & Pav.) Pers.]

Baccharis rotundifolia var. *stuckertii* Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 131. 1916. *Baccharis sessiliflora* var. *stuckertii* (Heering) Cabrera, Rev. Mus. La Plata, N. S., Bot.

17: 117. 1941. Type: Argentina; "Córdoba: Huerta Grande (Stuckert n. 1793 - 17. Febr. 1897). Ein Exemplar ohne Nummer aus dem Herb. Stuckert, bei Córdoba 1896 gesammelt"; Stuckert 1793 (HBG!, lectotype, designated by Müller 2006a: 101); prope Córdoba, Stuckert s.n., ♀ (HBG!, syntype)
= **Baccharis linearifolia** (Lam.) Pers.

Baccharis rotundifolia f. *subcuneata* Malme, Kungl. Svenska Vetenskapsakad. Handl. 12(2): 81. 1933. *Baccharis sessiliflora* var. *subcuneata* (Malme) Malag., Contr. Inst. Geobiol. La Salle 2: 33. 1953. Type: Brazil; "Turma 23 13/4 09 (n. 7985). Hab. in campo" [leg. Dusén]; ♀♂ (G!, isotype)
= **Baccharis sessiliflora** Vahl

Baccharis rotundifolia var. *subcuneata* Malme ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 166. 1977 [pro syn. *Baccharis sessiliflora* Vahl]

Baccharis rubricaulis Rusby, Bull. New York Bot. Gard. 8: 129. 1912. Type: Bolivia; "La Paz, 11,500 ft., Aug. 18, 1901 (No. 2301)"; Williams 2361 [sic!] (NY!, holotype, US!, isotype)
= **Baccharis pentlandii** DC. *subsp. pentlandii*

Baccharis ruderalis Schur ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 166. 1977 [pro syn. *Conyza bonariensis* (L.) Cronq.]

Baccharis rufescens Spreng., Syst. veg. 3: 464. 1826. Type: Uruguay. "Monte Video. Sello"; Sellow d1101 = M. I. B. 840, ♀ (P!, holotype, G-DC!, P!, 2×, isotypes)
= **Baccharis linearifolia** (Lam.) Pers. *subsp. linearifolia*

Baccharis rufescens var. *alpestris* Baker, Fl. bras. (Martius) 6(3): 64. 1882.
= **Baccharis pseudoalpestris** Malag.

Baccharis rufescens var. *leptocephala* (DC.) Baker, Fl. bras. (Martius) 6(3): 64. 1882.
= **Baccharis linearifolia** (Lam.) Pers.

Baccharis rufescens var. *leptophylla* (DC.) Baker, Fl. bras. (Martius) 6(3): 63. 1882.
= **Baccharis linearifolia** (Lam.) Pers. *subsp. linearifolia*

Baccharis rufescens var. *pedalis* (Sch. Bip. ex Griseb.) Baker, Fl. bras. (Martius) 6(3): 64. 1882.
= **Baccharis linearifolia subsp. polycephala** (Wedd.) Joch. Müll.

Baccharis rufescens var. *subrufescens* (Heering) Ariza, Bol. Acad. Nac. Ci. Córdoba 50: 288. 1973.
= **Baccharis linearifolia** (Lam.) Pers.

Baccharis rufescens var. *tenuifolia* Baker, Fl. bras. (Martius) 6(3): 63. 1882.
= **Baccharis linearifolia** (Lam.) Pers. *subsp. linearifolia*

Baccharis rufescens var. *varians* Baker, Fl. bras. (Martius) 6(3), 63. 1882.
= **Baccharis linearifolia** (Lam.) Pers.

Baccharis rufescens var. *ventanicola* Cabrera, Fl. Prov. Buenos Aires 6: 119. 1963.
Baccharis ventanicola (Cabrera) Soria & Zardini, Candollea 46: 539. 1991. Type:

Argentina; "Prov. Buenos Aires: Sierra de la Ventana, leg. A. L. Cabrera 4451, 23-V-1938"
(LP, holotype)

= *Baccharis linearifolia* (Lam.) Pers.

Baccharis ruficola Sch. Bip. ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 166. 1977 [pro syn. *Baccharis pseudopolycephala* Malag.]

271. *Baccharis rufidula* (Spreng.) Joch. Müll., Syst. Bot. Monogr. 76: 306. 2006. *Conyza rufidula* Spreng., Neue Entd. 2: 141. 1821. Type: "E Brasilia. Otto"; ♀ (P!, holotype)

Baccharis vernonioides DC., Prodr. 5: 422. 1836.

Baccharis inamoena Gardner, London J. Bot. 7: 81. 1848. *Pseudobaccharis inamoena* (Gardner) Malag., Contr. Inst. Geobiol. La Salle 2: 47. 1952.

Ic.: Malagarriga 1977: dessin 32 (leaf), dessin 118 (leaves); Oliveira & Marchiori 2005b: Fig. 3

Brazil (ES, MG, RJ, SP)

Baccharis oblongifolia group

Baccharis rugosa Willd. ex DC., Prodr. 5: 429. 1836 [pro syn. *Vernonia patens* Kunth]

Baccharis rupestris (L.) Desf., Tabl. École Bot. 97. 1804. *Conyza rupestris* L., Mant. pl. 113. 1767.

= *Phagnalon rupestre* (L.) DC.

Baccharis rupestris Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 132. 1916 [non (L.) Desf. 1804].

= *Baccharis neorupestris* Deble & A. S. Oliveira

272. *Baccharis rupicola* Kunth, H. B. K., Nov. gen. sp. 4: 52. 1818. Type: Colombia; "in monte altissimo Purace juxta urbem Popayan, alt. 2000 hex."; *Humboldt & Bonpland 2024*, ♂ (P-HBK!, holotype, P!, fragment, isotype)

Baccharis capitooides Cuatrec., Trab. Mus. Ci. Nat. Jard. Bot. Madrid 29: 28. 1935.

Baccharis barragensis Cuatrec., Mutisia 17: 2. 1953.

?*Baccharis rupicola* var. *orientalis* Cuatrec., Mutisia 17: 12. 1953. *Baccharis rupicola* subsp. *orientalis* (Cuatrec.) Malag., Mem. Soc. Ci. Nat. La Salle 37: 136. 1977.

?*Baccharis rupicola* var. *serrata* Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13(49): 29. 1967.

?*Baccharis rupicola* var. *summapacis* Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13(49): 29. 1967. *Baccharis rupicola* subsp. *summapacis* (Cuatrec.) Malag., Mem. Soc. Ci. Nat. La Salle 37: 136. 1977.

Ic.: Cuatrecasas 1935: Fig. 9; Cuatrecasas 1937: Fig. 9; Cuatrecasas 1967: Fig. 1 (female style tip), Fig. 5, Fig. 6 (leaf, f corollas), Fig. 7 (leaf); Cuatrecasas 1969: Fig. 2, 61, 62, 63; Malagarriga 1977: dessin 178 (leaf), dessin 194 (leaf), dessin 195 (leaf)

Colombia (CA, CL, CU, SA, VA)

Baccharis subgen. *Baccharis*

Baccharis rupicola var. *orientalis* Cuatrec., Mutisia 17: 12. 1953. *Baccharis rupicola* subsp. *orientalis* (Cuatrec.) Malag., Mem. Soc. Ci. Nat. La Salle 37: 136. 1977. Type: Colombia; "Boyacá; Cordillera Oriental: valle del Cocuy, lomas SW, 3100-3750 m. alt. Colect. J. Cuatrecasas et H. García Barriga" (US, holotype)

= *Baccharis rupicola* Kunth?

Baccharis rupicola var. *serrata* Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 29. 1967. Type: Colombia; "Cauca, Cord. Central: volcán Puracé, páramo El Hinchadero, 3700 m.; arbusto 4 m., ... ♂, 24-VII-43, Cuatrecasas 14695" (F, holotype, P!, isotype)
= *Baccharis rupicola* Kunth?

Baccharis rupicola var. *summapacis* Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 29. 1967. *Baccharis rupicola* subsp. *summapacis* (Cuatrec.) Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 136. 1977. Type: Colombia; "Koie 4625, Colombia, Cundinamarca, Sumapaz" (US, holotype)
= *Baccharis rupicola* Kunth?

273. *Baccharis sagittalis* (Less.) DC., *Prodr.* 5: 425. 1836. *Molina sagittalis* Less., *Linnaea* 6: 144. 1831. *Pingraea sagittalis* (Less.) F. H. Hellw., *Candollea* 48: 218. 1993. Type: Chile; "Baccharis genistelloides Poepp. coll. pl. chil. I. n. 210 nec Pers. ... Chile pr. Talcaguano cel. de Chamisso; in crepidissibus angustis ad Valparaiso Maj. Poeppig"; *Pöppig 210*, ♀♂ (G-DC!, lectotype, designated by Müller 2006a: 206, MO!, 2×, isolectotypes); *Chamisso s.n.*, ♀ (G-DC!, syntype)

Baccharis sagittalis var. *poepigii* DC., *Prodr.* 5: 425. 1836.

Baccharis chubutensis Speg., *Rev. Fac. Agron. Veter. La Plata* 3: 611. 1897.

Baccharis heeringiana Malag., *Contr. Inst. Geobiol. La Salle* 3: 6. 1954 ["heeringeana"].

Baccharis macroptera D. J. N. Hind, *Kew Bull.* 98: 261. 1993.

Ic.: Cabrera 1971: Fig. 64; Malagarriga 1977: dessin 340 (leaves); Diesel 1987: Fig. 6; Hind 1993: Fig. 6; Müller 2006a: Fig. 77

Argentina (CH, ME, NE, RN, SJ), Bolivia (CO, LP, SC), Brazil (BA, ES, MG, PR, RS, SC, SP), Chile (CO, CQ, LL, VA), Ecuador (AZ, LO), Paraguay, Peru (AM, CA, JU, PA, PI), Uruguay

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis sagittalis var. *montevicensis* Baker, *Fl. bras. (Martius)* 6(3): 42. 1882

≡ *Baccharis subtropicalis* G. Heiden

Baccharis sagittalis var. *poepigiana* Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 166. 1977. [sphalm. for *Baccharis sagittalis* var. *poepigii* DC.]

Baccharis sagittalis var. *poepigii* DC., *Prodr.* 5: 425. 1836. Type: Chile; "in Chili. *Baccharis venosa?* seu *Baccharis tripterix* Poepp.! coll. Chil. I. n. 210 diar. 46"; ♀♂ (G-DC!, holotype, MO, 2×, isotypes)

= *Baccharis sagittalis* (Less.) DC.

274. *Baccharis salicifolia* (Ruiz & Pav.) Pers., *Syn. pl.* 2: 425. 1807. *Molina salicifolia* Ruiz & Pav., *Syst. veg.* 210. 1798. *Pingraea salicifolia* (Ruiz & Pav.) F. H. Hellw., *Candollea* 48: 218. 1993. Type: Peru; "in Peruviae altis montibus, copiosè ad Pillao et Acomayo tractus"; ♀ (MA!, lectotype, designated by Müller 2006a: 159, B!, 2×, MA!, isotypes)

Baccharis confertifolia Colla, *Herb. pedem.* 3: 319. 1834.

Baccharis corymbosa Meyen, *Reise* 1: 311. 1834 [non (Ruiz & Pav.) Pers. 1807].

Baccharis chilquilla DC., *Prodr.* 5: 419. 1836.

Baccharis fevillei DC., *Prodr.* 5: 403. 1836. *Baccharis lanceolata* var. *fevillei* (DC.) Hieron. ex Cuatrec., *Anales Univ. Madrid (Ci.)* 4: 210. 1935.

Baccharis longipes Kunze ex DC., *Prodr.* 5: 401. 1836. *Baccharis marginalis* var. *longipes* (Kunze ex DC.) Heering, *Anales Univ. Chile* 111: 160. 1903. *Baccharis pingraea* var. *longipes* (Kunze ex DC.) Heering, *Jahrb. Hamb. Wiss. Anst.* 21, Beih. 3: 18. 1904.

Baccharis marginalis DC., Prodr. 5: 402. 1836. *Pingraea marginalis* (DC.) F. H. Hellw., Candollea 48: 218. 1993.

Baccharis linifolia Phil., Linnaea 33: 145. 1864-1865 [non Meyen 1834, nec DC. 1836].

Baccharis marginalis var. *linifolia* Heering, Anales Univ. Chile 111: 161. 1903.

Baccharis araucana Phil., Anales Univ. Chile 87: 698. 1894. *Baccharis marginalis* var. *araucana* (Phil.) Heering, Anales Univ. Chile 111: 160. 1903.

Baccharis cuervii Phil., Anales Univ. Chile 87: 703. 1894.

Baccharis confertifolia var. *latifolia* Heering, Anales Univ. Chile 111: 159. 1903.

Baccharis glutinosa var. *incisa* Heering, Anales Univ. Chile 111: 159. 1903.

?*Baccharis marginalis* var. *caerulescens* Heering, Anales Univ. Chile 111: 161. 1903.

?*Baccharis marginalis* var. *viminea* Heering, Anales Univ. Chile 111: 160. 1903.

Baccharis pallida Heering, Anales Univ. Chile 111: 162. 1903.

Baccharis polygama Ariza, Kurtziana 9: 83. 1976.

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis salicifolia Nutt., Trans. Amer. Phil. Soc., Ser. 2, 7: 337. 1841 [non (Ruiz & Pav.) Pers. 1807]

≡ *Baccharis salicina* Torr. & A. Gray

Baccharis salicifolia* (Ruiz & Pav.) Pers. subsp. *salicifolia

Molina parviflora Ruiz & Pav., Syst. veg. 209. 1798. *Baccharis parviflora* (Ruiz & Pav.) Pers., Syn. pl. 2: 425. 1807.

Baccharis iresinoides Kunth, H. B. K., Nov. gen. sp. 4: 63, 1818.

Baccharis lanceolata Kunth, H. B. K., Nov. gen. sp. 4: 63, 1818.

Baccharis alamanii DC. ["*alamani*"], Prodr. 5: 402. 1836.

Baccharis linifolia DC., Prodr. 5: 420. 1836 [non Meyen 1834].

Baccharis longifolia DC., Prodr. 5: 402. 1836. *Baccharis salicifolia* var. *longifolia* (DC.) Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13(50): 212. 1969.

Baccharis coerulescens DC., Prodr. 5: 402. 1836. *Baccharis marginalis* var. *coerulescens* (DC.) Heering, Schr. Naturwiss. Ver. Schleswig-Holstein 13: 46. 1906.

Baccharis purpurascens Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 96. 1916.

Baccharis mocoafuminis Cuatrec., Mutisia 17: 7. 1953. *Baccharis salicifolia* var. *mocoafuminis* (Cuatrec.) Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13(49): 30. 1967.

Ic.: Cabrera 1941: Fig. 31; Matuda 1957: Fig. 26-27; Ferris 1960: Fig. 5665; Cabrera 1971: Fig. 82; Ariza 1973a: Fig. 31; Cabrera 1974: Fig. 155; Malagarriga 1977: dessin 11 (leaf), dessin 246 (leaf), dessin 341 (leaf); Cabrera 1978: Fig. 103; Martin & Hutchins 1980 (as *B. glutinosa*); Torrico 1991: Fig. 7; Sundberg 1993: 211; Cronquist 1994; Müller 2006a: Fig. 58 Argentina (BA, CA, CO, ER, FO, JU, LP, LR, ME, RN, SA, SF, SJ, TU), Bolivia (BE, CH, CO, LP, OR, PO, SC, TA), Brazil (AC, MG), Chile, Colombia, Ecuador (CH, LO, NA, ZC), Mexico (CH, MO, PU, SL), Paraguay, Peru (AM, AR, CA, CU, HU, LA, LL, MD, SM), USA (AR, CA, CO, NE, NM, TX, UT)

***Baccharis salicifolia* subsp. *calliprinos* (Griseb.) Joch. Müll., Syst. Bot. Monogr. 76: 306. 2006. *Baccharis calliprinos* Griseb., Abh. Königl. Ges. Wiss. Göttingen 19: 176. 1874. Type: Argentina. "Catamarca, in convalle inferiori pr. Nacimiento, ubi fruticeta praecipue constituit"; Lorentz 423 (GOET!, holotype)**

Baccharis mirabilis Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 91. 1914.

Ic.: Malagarriga 1977: dessin 211 (leaf)

Argentina

Baccharis salicifolia var. *longifolia* (DC.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(50): 212. 1969.

= *Baccharis salicifolia* (Ruiz & Pav.) Pers. *subsp. salicifolia*

Baccharis salicifolia var. *mocoaflorensis* (Cuatrec.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 30. 1967.

= *Baccharis salicifolia* (Ruiz & Pav.) Pers. *subsp. salicifolia*

Baccharis salicifolia subsp. monoica (G. L. Nesom) Joch. Müll., *Syst. Bot. Monogr.* 76: 306. 2006. *Baccharis monoica* G. L. Nesom, *Phytologia* 65: 161. 1988. Type: Mexico; "Chiapas, Mpio. Bochil, 7 km NE of Bochil along road to Simjovel, 10 Oct 1972, D. E. Breedlove 28727" (LL, holotype)
Guatemala, Mexico, Nicaragua

Baccharis salicifolia subsp. multibracteata Joch. Müll., *Nordic J. Bot.* 25: 96. 2008. Type: Peru; "Dept. Apurímac, vicinity of Acobamba, 5 km northwest of Chalhuanca, ♀; 17 Dec 1962; H. H. Iltis et al. 611" (MO!, holotype)

Ic.: Müller 2008: Fig. 1

Peru (AP, CU, JU)

275. Baccharis salicina Torr. & A. Gray, *Fl. North Amer.* 2: 258. 1842. *Baccharis salicifolia* Nutt., *Trans. Amer. Phil. Soc., Ser. 2*, 7: 337. 1841 [non (Ruiz & Pav.) Pers. 1807] Type: USA; "Banks of the Arkansa" (not seen)

Baccharis emoryi A. Gray, in Torr., *Bot. boundary* 83. 1859.

Ic.: Matuda 1957: Fig. 20-21; Ferris 1960: Fig. 5662; Malagarriga 1977: dessin 261 (leaf); Sundberg 1993: 211; Cronquist 1994

USA (AR, CA, CO, KA, NE, NM, OK, TX, UT)

Baccharis subgen. *Baccharis*

276. Baccharis saliens Rusby, *Bull. New York Bot. Gard.* 4: 387. 1907. Type: Bolivia; "Scarce in wet forest-mould; climbing; flowers white. Unduavi, September, 1894. ([Bang] No. 2493)"; ♀ (NY!, lectotype, designated by Müller 2006a: 290, F!, GH!, K!, MICH!, NY!, US!, isotypes)

Baccharis saliens group

Baccharis saliens Rusby var. saliens

Ic.: Malagarriga 1977: dessin 182 (leaf); Müller 2006a: Fig. 115

Bolivia (CO, LP), Peru?

Baccharis saliens var. solomonii (H. Rob.) Joch. Müll., *Syst. Bot. Monogr.* 76: 293. 2006. *Baccharis solomonii* H. Rob., *Phytologia* 65: 40. 1988. Type: Bolivia; "La Paz: Prov. Sud Yungas. 3.2 km S of (below) Chuspipata on road to Chulumani, elev. 2900-3000 m. Cloud forest, disturbed, with *Brunellia*, *Clusia* and *Weinmannia* 16° 18'S, 67° 49'W. ... Male plant. 28 Sept. 1985. Solomon and Nee 14257" (US, holotype, LPB!, MO!, isotypes)

Ic.: Müller 2006a: Fig. 116

Bolivia (LP)

Baccharis saliente Rusby ex Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 167. 1977 [pro syn. *Baccharis saliens* Rusby]

Baccharis saligna Mart. ex Baker, *Fl. bras. (Martius)* 6(3): 60. 1882 [pro syn. *Baccharis ligustrina* DC.]

Baccharis saligna Willd. ex Hieron., *Bot. Jahrb. Syst.* 29: 27. 1900 [pro syn. *Baccharis lloensis* Hieron.]

277. *Baccharis saltensis* Baker, *Fl. bras.* (Martius) 6(3): 93. 1882. Type: Uruguay; "prope Salta del Uruguay: Tweedie!" (K!, holotype)

Ic.: Malagarriga 1977: dessin 121 (leaf)

Uruguay

Baccharis subgen. *Baccharis*

Baccharis salvia Lour., *Fl. conchin.* 1: 494. 1790 [nom. superfl.] *Conyza balsamifera* L., *Sp. pl.*, ed. 2: 1208. 1763. Type: "India ... *Conyza odorata*. Rumph. *amb.* 6. t. 24. f. 1. *Conyza arbor zeylanensis*, subrotundo folio maxime tomentos. Pluk. *amalth.* 64" (LINN-993/18!, original specimen?)

≡ *Blumea balsamifera* (L.) DC.

Baccharis salviifolia Willd. ex Malag., *Notulae Syst.* 15(3): 284. 1958 [pro syn. *Baccharis grandiflora* Kunth]

278. *Baccharis salzmännii* DC., *Prodr.* 5: 409. 1836. Type: Brazil; "in collibus aridis circa Bahiam legit Salzman"; ♀♂ (G-DC!, holotype, G!, HBG!, P!, 3×, isotypes)

Ic.: Malagarriga 1977: dessin 38 (leaf)

Brazil

Baccharis subgen. *Baccharis*

279. *Baccharis samensis* Joch. Müll., *Syst. Bot. Monogr.* 76: 121. 2006. Type: Bolivia; "Tarija: Prov. Méndez, descent W from summit of ridge W of Tarija by road to Camargo, 3500 m, 7 Mar 2000, ♀, Wood 15965" (LPB!, holotype, JE!, isotype)

Ic.: Müller 2006a: Fig. 41

Argentina (SA), Bolivia (TA)

Baccharis subgen. *Baccharis*

Baccharis santelicensis Phil., *Verz. Antofagasta Pfl.* 39. 1891.

≡ *Baccharis tola* subsp. *santelicensis* (Phil.) Joch. Müll.

Baccharis santelicensis subsp. *chrysophylla* F. H. Hellw., *Mitt. Bot. Staatssamml. München* 29: 318. 1990.

≡ *Baccharis tola* subsp. *santelicensis* (Phil.) Joch. Müll.

Baccharis santiagensis Heering, *Anal. Univ. Chile* 111: 176. 1902. Type: Chile; "Cordilleras de Santiago"; Portillo, lado de Mendoza, 1861-1862, Diaz s.n. (SGO, holotype?)

= ?

Baccharis sarophora Phil., *Anal. Univ. Chile* 18: 52. 1861. Type: Chile; "Puerto del Huasco", leg. Pearce or Volckmann (not seen)

= *Baccharis spartioides* (Hook. & Arn. ex DC.) Remy (Grisebach 1874, Hieronymus 1881b, Reiche 1903, Cabrera 1941, 1955, Malagarriga 1977, Govaerts 1996, Giuliano & Ariza Espinar 1999, Giuliano 2000)

280. *Baccharis sarothroides* A. Gray, *Proc. Amer. Acad. Arts* 17: 211. 1882. Type: USA; California, San Diego, Boundary Monument, 1875, *Palmer* 265 (GH, syntype); Old Mission Station, 1875, *Palmer* 265 (GH, syntype); near monument (boundary), 1875, *Palmer* 266 (GH, syntype); Wild Cat Station, *Palmer* 267 (GH, syntype); Old Mission of San Diego, 1875, *Palmer* s.n. (GH, syntype); southern part of San Diego Co., 1875, *Palmer* s.n. (GH, syntype)

Baccharis arizonica Eastw., Proc. Calif. Acad. Sci., Ser. 4 20(5): 155. 1931.
Ic.: Matuda 1957: Fig. 17 (leaves); Ferris 1960: Fig. 5661; Malagarriga 1977: dessin 273;
Sundberg 1993: 211
Mexico (BC, BS, SI, SO), USA (AR, CA, NM, TX)
Baccharis subgen. *Baccharis*

Baccharis sarothroides var. *pluricephala* Jeps., Man. fl. pl. California 1059. 1925. Type:
USA; "Conchilla Mts. (Pinon Well, Jepson 6008" (JEPS!, holotype)
= *Lepidospartum squamatum* (A. Gray) A. Gray

Baccharis saxatilis (L) Desf., Tabl. École Bot. 97. 1804. *Conyza saxatilis* L., Sp. pl., ed. 2, 2:
1206. 1763
= *Phagnalon saxatile* (L.) Cass.

Baccharis saxatilis Joch. Müll., Syst. Bot. Monogr. 76: 52. 2006 [non (L.) Desf. 1804].
= *Baccharis lapidosa* Deble & A. S. Oliveira

281. *Baccharis scabra* (Ruiz & Pav.) Pers., Syn. pl. 2: 425. 1807. *Molina scabra* Ruiz &
Pav., Syst. veg. 210. 1798. Type: Peru; "in Tarmae Provinciae montibus" (not seen)
Peru
Baccharis subgen. *Baccharis*?

Baccharis scabridula Brandegee, Univ. Calif. Publ. Bot. 6: 77. 1914. Type: Mexico; "high
region of the Cerro del Boqueron. [Purpus] No. 6665" (UC!, holotype, BM!, F!, GH!, NY!,
US!, isotypes)
= *Archibaccharis asperifolia* (Benth.) S. F. Blake

282. *Baccharis scabrifolia* G. Heiden, Bradea 13: 6. 2008. *Lanugothamnus scabrifolius* (G.
Heiden) Deble, Balduinia 37: 15. 2012. Type: Brazil; "Rio Grande do Sul: Taimbesinho p.
São Francisco de Paula [Cambará do Sul, Itaimbezinho], 7 Feb. 1941, ♂"; *Rambo* 4392
(PACA, holotype)
Baccharis multipaniculata A. S. de Oliveira & Deble, Bonplandia 17: 18. 2008.
Ic.: Heiden 2008: Fig. 1; Oliveira & Deble 2008: Fig. 3
Brazil (RS, SC)
Baccharis subgen. *Tarchonanthoides* Heering

283. *Baccharis scandens* (Ruiz & Pav.) Pers., Syn. pl. 2: 424. 1807. *Molina scandens* Ruiz &
Pav., Syst. veg. 205. *Pingraea scandens* (Ruiz & Pav.) F. H. Hellw., Candollea 48: 218. 1993.
Type: Peru; "in Peruviae versuris et aridis locis per Chancay et Cercado Provincias"; ♂ (MA!,
lectotype, designated by Hellwig 1989, OXF!, isotype)
Baccharis adscendens Juss. ex Pers., Syn. pl. 2: 424. 1807.
Baccharis petiolata DC., Prodr. 5: 418. 1836.
Baccharis petiolata var. *rotundifolia* Phil., Verz. Antofagasta Pfl. 39. 1891.
Ic.: Malagarriga 1977: dessin 39 (leaf), dessin 235 (leaf); Hellwig 1989: Abb. 1, 3a, 4a, c
Chile (AN, TA), Peru (AR, CA, LA, LI, LL, TA)
Baccharis subgen. *Molina* (Pers.) Heering

Baccharis scandens Less., Linnaea 5: 146. 1830 [non (Ruiz & Pav.) Pers. 1807]. *Baccharis*
schiedeana Ørsted, Vidensk. Medd. Naturhist. Foren. Kjöbenhavn 1852: 83. 1853. Type:
Mexico; "in dumetis prope Jalapam. Aug." [leg. Schiede, Deppe]; Schiede 318 (GH,
lectotype, designated by Jackson 1974)

≡ *Archibaccharis schiedeana* (Örsted) J. D. Jackson

Baccharis schaffneri Sch. Bip. ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 167. 1977 [pro syn. *Baccharis ramulosa* (DC.) A. Gray]

Baccharis schiedeana Örsted, Vidensk. Medd. Naturhist. Foren. Kjöbenhavn 1852: 83. 1853.

≡ *Archibaccharis schiedeana* (Örsted) J. D. Jackson

Baccharis schlechtendalii Mart. ex Baker, Fl. bras. (Martius) 6(3): 50. 1882 [pro syn. *Baccharis tarchonanthoides* DC.]

284. *Baccharis schomburgkii* Baker, Fl. bras. (Martius) 6(3): 89. 1882. *Baccharis daphnoides* subsp. *schomburgkii* (Baker) Malag., Mem. Soc. Ci. Nat. La Salle 37: 137. 1977. Type: Guyana; "Rob. Schomburgk n. 707!"; ♀♂ (G!, 2×, P!, W!, isotypes)

Baccharis schomburgkii subsp. *occidentalis* Steyerl. & Maguire, Acta Bot. Venez. 14(3): 25. 1984.

Ic.: Malagarriga 1977: dessin 57

Guyana, Venezuela

Baccharis subgen. *Baccharis*

Baccharis schomburgkii subsp. *occidentalis* Steyerl. & Maguire, Acta Bot. Venez. 14(3): 25. 1984. Type: Venezuela; "Terr. Fed. Amazonas: Depto. Atabapo: Cerro Marahuaca, cumbre, alt. 2685 m, 15 ene 1981, Bassett Maguire, Julian Steyerl., Charles Breuer-Carías, C. K. Maguire & Victoriano Carreno Espinosa 65567" (VEN, holotype)

= *Baccharis schomburgkii* Baker (Pruski 1997)

285. *Baccharis schultzei* Baker, Fl. bras. (Martius) 6(3):, 78. 1882. Type: Brazil; "in campis Brasiliae orientalis; e. gr. in prov. Minas Geraes ad Jardim: Widgren n. 257!; prope Caldas: Regnell III. n. 758!; sine loco speciali: Riedel n. 538-540"; *Regnell* 3-758, ♀♂ (BR!, 2×, syntypes); *Ridel* 538-540, ♀♂ (GOET!, syntype); *Ridel* 540, ♂ (P!, syntype); *Widgren* 257, ♂ (BR!, 2×, M!, syntypes)

Ic.: Malme 1933: Fig. 13 (leaf); Malagarriga 1954 (leaf); Malagarriga 1977: dessin 42 (leaf)

Brazil

Baccharis subgen. *Baccharis*

Baccharis schultzei H. Karst. ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 167. 1977 [pro syn. *Baccharis lehmannii* Hieron.]

Baccharis scolopendra Hook. & Arn., Icon. pl. 1: Tab. 68. 1837. Type: Ecuador; "Summit of the Cordillera of Pillaro, Quitinian Andes, elevated 14-15,000 feet above the level of the sea. Prof. W. Jameson" (not seen)

= *Loricaria scolopendra* (Hook. & Arn.) Kuntze

286. *Baccharis scoparia* (L.) Sw., Fl. ind. occident. 3: 1339. 1806. *Chrysocoma scoparia* L., Amoen. Acad. 5: 404. 1760. *Sergilus scoparius* (L.) Gaertner, Fruct. sem. pl. 2: 409. 1791. Type: not indicated in the protologue (LINN-984/4!, holotype?)

Ic.: Malagarriga 1977: dessin 342

Jamaica

Baccharis subgen. *Baccharis*

287. *Baccharis scoparioides* Griseb., Cat. pl. cub. 150. 1866. Type: Cuba; "Cuba or. (Wr. 2382)"; *Wright* 2832 [sic!], ♂ (GOET, holotype, G!, 2×, W!, "isotypes")

Ic.. Malagarriga 1977: dessin 152

Cuba

Baccharis subgen. *Baccharis*

288. *Baccharis scopulorum* A. A. Schneid. & G. Heiden, *Phytotaxa* 15: 10. 2011. Type: Brazil; Santa Catarina, Grão-Pará/Urubici, Serra do Corvo Branco, 1334 m, 19 Oct 2006, *Schneider* 1333, ♂ (ICN, holotype)

Ic.: Schneider & al. 2011a: Fig. 1, 3B-D

Brazil (SC)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis sebastianopolitana Baker, *Fl. bras. (Martius)* 6(3): 65. 1882. Type: Brazil, Uruguay. "prope Rio de Janeiro: Glaziou n. 2627! Barclay!; prope Montevideo: Sello n. 21! 391! 586! 804! 1931! 2256! 2292! 2298!"; Glaziou 2627, ♀ (P!, 3×, lectotypes, designated by Malagarriga 1958: 292, BR!, isolectotype); Sellow 391, ♂ (G!, syntype, = *Baccharis linearifolia* (Lam.) Pers.)

= *Baccharis microdonta* DC.

289. *Baccharis seemannii* A. Gray, *Proc. Amer. Acad. Arts* 15: 33. 1880 ["seemanni"]. Type: Mexico; "San Luis Potosi, near streams, June. No. 411"; Parry & Palmer 411, ♂ (G!, isotype)

Baccharis squarrosa Kunth, H. B. K., *Nov. gen. sp.* 4: 67. 1818 [non (L.) Desf. 1804].

Ic.: Malagarriga 1977: dessin 276; McVaugh 1984: Fig. 14

Mexico

Baccharis subgen. *Pteronioides* Heering

290. *Baccharis selloi* Baker, *Fl. bras. (Martius)* 6(3): 68. 1882. Type: Brazil; "in prov. Minas Geraes in Serra de Piedade: Warming!; sine designatione loci: Sello n. 2228! 4964!"; Sellow 4964 (P, syntype); Warming s.n., ♀ (P!, syntype)

Ic.: Malagarriga 1977: dessin 115 (leaves); Oliveira & Marchiori 2006b: Fig. 9

Brazil (MG, PR, RS, SC, SP)

Baccharis subgen. *Baccharis*

Baccharis selloi Sch. Bip. ex Baker, *Fl. bras. (Martius)* 6(3): 100. 1882 [pro syn. *Baccharis reticularia* DC.]

291. *Baccharis semiserrata* DC., *Prodr.* 5: 404. 1836. Type: Brazil; "in Brasiliae prov. Rio-de-Janeiro ad Serra dos Orgaos legit cl. Vauthier (Pl. exs. n. 338)"; ♀ (G-DC!, holotype, G!, GH!, P!, isotypes)

Baccharis semiserrata var. *glabrata* DC., *Prodr.* 5: 404. 1836.

Baccharis doniana Hook. & Arn., *J. Bot.* 3: 26. 1840.

Ic.: Malagarriga 1954 (leaf); Barroso 1976: Fig. 78 (leaf); Malagarriga 1977: dessin 70 (leaves); Diesel 1987: Fig. 4

Argentina (MI), Brazil (MG, PR, RJ, RS, SC, SP)

Baccharis subgen. *Baccharis*

Baccharis semiserrata DC., *Prodr.* 5: 419. 1836 [non *Prodr.* 5: 404. 1836]. *Baccharis sternbergiana* Steud., *Nomencl. bot.*, ed. 2, 1: 179. 1840. *Baccharis hemiprionodes* Buek, *Ind. gen. spec.* 1: x. 1842 [nom. superfl.]. Type: Peru; "in Peruviae Andium vallibus leg. cl. Haenke" (G-DC!, holotype)

= *Baccharis gnidiifolia* Knuth

Baccharis semiserrata var. *elaeagnoides* (Steud. ex Baker) Govaerts, *World checkl. seed pl.* 2 (1): 9. 1996.

= *Baccharis montana* DC.

Baccharis semiserrata var. *glabrata* DC., *Prodr.* 5: 404. 1836. Type: Brazil; "in Brasiliae prov. Sancti-Pauli"; "in h. Mus. reg. Par. à Mus. imp. Bras. miss."; Sellow 3210, ♀ (P!, holotype, G-DC!, isotype)

= *Baccharis semiserrata* DC.

Baccharis senegalensis Pers., *Syn. pl.* 2: 424. 1807. Type: "Senegal (Herb. Juss.)" (not seen)

= *Vernonia colorata* (Willd.) Drake

Baccharis senicula Mart., *Bot. Z.* 1838, *Beibl.* 2: 61. 1838. Type: Brazil; "Crescit in campis siccis altis prope Jacobinam Novam et inter fluvios Peruaguacu et Rio de Contas in Prov. Bahiensi, et in Serra d'Estrella. Martio"; Ilhéus, 5 Nov 1837, Martius Herb. Bras. 667, ♂ (P!, lectotype, designated by Malagarriga 1958: 280, BR!, isolectotype); Bahia, Martius Herb. Bras. 231, ♀ (BR!, P!, syntypes)

= *Baccharis singularis* (Vell.) G. M. Barroso

Baccharis septentrionalis F. H. Hellw., *Mitt. Bot. Staatssamml. München* 29: 411. 1990. Type: Chile, "(Pöppig Coll. pl. Chil. I.) 211. *Baccharis sparsiflora* Kz. *Syn. pl. Amer. austr. msc. Diar.* 109. In montib. ubique prope Concon. Aug. flor." (W, holotype)

= *Baccharis macraei* × *vernalis*

292. *Baccharis sergiloides* A. Gray, in Torr., *Rep. bot. exp. thirty-fifth par.* 101. 1857. Type: USA, "Dry arroyos, fifty miles west of the Colorado, western New Mexico. ... apparently abundant on the Gila, where Colonel Emory and others have gathered specimens" (not seen)
Ic.: Matuda 1957: Fig. 3-4; Ferris 1960: Fig. 5660; Malagarriga 1977: dessin 274; Cronquist 1994

Mexico (BC, SO), USA (AR, CA, NE, UT)

Baccharis subgen. *Baccharis*

Baccharis serpyllifolia Decaisne ex Wedd., *Chlor. and.* 1: 168. 1856 [pro syn. *Baccharis alpina* var. *serpyllifolia* Wedd.]

293. *Baccharis serranoi* H. Rob., *BioLlania*, *Ed. Esp.* 6: 505. 1997. Type: Bolivia; "La Paz: Larecaja, Sorata, 6-8 km hacia Consata, 3150 m, al borde del camino, arbusto trepador, apoyandose, flores amarillas, frutos, dentro de una ladera húmeda, 27 may 1991, Beck 19885"; ♀ (US, holotype, JE!, LPB!, isotypes)

Ic.: Müller 2006a: Fig. 117

Bolivia (CH, CO, LP, SC)

Baccharis saliens group

Baccharis serratifolia Kunth, *H. B. K., Nov. gen. sp.* 4: 59. 1818. Type: Mexico; "in declivitate montium Guanaxuatensium prope fodiam Sanctae Rosae et Los Ioares, alt. 1400 hex. (Nova Hisp.)"; ♂ (P-HBK!, holotype)

= *Archibaccharis serratifolia* (Kunth) S. F. Blake

294. *Baccharis serrifolia* DC., *Prodr.* 5: 403. 1836 ["*serraefolia*"]. Type: "in Mexico?"; 1826, *s. coll.*, ♀ (G-DC!, holotype)

Baccharis parviflora Less., *Linnaea* 5: 146. 1830 [non (Ruiz & Pav.) Pers. 1807, nec Poir. 1810].

Baccharis kellermanii Greenm., Field Columb. Mus. Publ., Bot. Ser. 2: 267. 1907.
Archibaccharis prorepens S. F. Blake, J. Wash. Acad. Sci. 24: 432. 1934. *Baccharis prorepens* (S. F. Blake) J. D. Jackson, Taxon 19: 263. 1970.
Ic.: Malagarriga 1977: dessin 17 (leaf)
Guatemala, Honduras, Mexico, Nicaragua
Baccharis subgen. *Pteronioides* Heering

295. *Baccharis serrula* Sch. Bip. ex Baker, Fl. bras. (Martius) 6(3): 70. 1882. Type: Brazil; "in pratis humidis Serra da Lapa: Riedel!"; ♂ (GH!, P!, 3×, isotypes)
Ic.: Malagarriga 1977: dessin 76 (leaf)
Brazil (MG)
Baccharis subgen. *Baccharis*

296. *Baccharis serrulata* (Lam.) Pers., Syn. pl. 2: 423. 1807. *Conyza serrulata* Lam., Encycl. 2: 85. 1786. Type: Brazil; "observée au Brésil par M. Commerson"; Rio de Janeiro, Jul 1767, ♀♂ (P-Lam!, holotype, G!, P!, 5×, P-Juss!, isotypes)
Chrysocoma sancta Vell., Fl. flum. 324. 1829.
Baccharis lundii DC., Prodr. 5: 404. 1836.
Baccharis punctigera DC., Prodr. 5: 404. 1836. *Baccharis lundii* var. *punctigera* (DC.) Baker, Fl. bras. (Martius) 6(3): 75. 1882.
Baccharis depauperata Gardner, Lond. J. Bot. 4: 120. 1845.
Ic.: Malagarriga 1977: dessin 113 (leaf), dessin 141 (leaf)
Brazil (BA, ES, MG, PE, PR, RJ, RS, SC, SP), Paraguay, Venezuela?
Baccharis subgen. *Molina* (Pers.) Heering

Baccharis serrulata DC., Prodr. 5: 402. 1836 [non (Lam.) Pers. 1807]. *Baccharis pseudoserrulata* Malag., Notulae Syst. 15(3): 290. 1958. Type: Brazil; prov. Rio-Grande ... v. s. in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 798 miss."; Sellow s.n. = M. I. B. 798 (G-DC!, isotype)
= ***Baccharis glutinosa*** Pers.

Baccharis serrulata var. *depauperata* Hook. & Arn. ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 168. 1977 [pro. syn. *Baccharis pingraea* DC.]

Baccharis serrulata var. *linearis* (Ruiz & Pav.) Kuntze, Rev. gen. 3(2): 134. 1898.
≡ ***Baccharis linearis*** (Ruiz & Pav.) Pers.

Baccharis serrulata var. *pingraea* (DC.) Baker, Fl. bras. (Martius) 6(3): 59. 1882.
= ***Baccharis glutinosa*** Pers.

Baccharis serrulata var. *stenophylla* Hook. & Arn. ex Baker, Fl. bras. (Martius) 6(3): 59. 1882 [pro syn. *Baccharis pingraea* DC.]

Baccharis serrulata var. *subscandens* Kuntze, Rev. gen. 3(2): 134. 1898. Type: Argentina; "Tucuman (582 L.&H.). Cordoba"; Córdoba, Dec 1891, Kuntze s.n., ♀ (NY!, lectotype, designated by Müller 2006a: 248); cercanías de Tucumán, 6-22 Dec 1872, Lorentz & Hieronymus 582, ♀ (NY!, syntype)
= ***Baccharis glutinosa*** Pers.

297. *Baccharis sessiliflora* Vahl, Symb. bot. 3: 97. 1794. Type: "Habitat in Brasilia"; Commerson s.n. (C!, holotype)

Ic.: Malagarriga 1954 (leaf); Barroso 1976: Fig. 83 (leaf); Malagarriga 1977: dessin 344 (leaves); Oliveira & Marchiori 2006: Fig. 15

Baccharis rotundifolia Spreng., Syst. veg. 3: 465. 1826.

Chrysocoma decussata Vell., Fl. flum. 326. 1829.

Baccharis camporum DC., Prodr. 5: 399. 1836.

Baccharis cephalotes DC., Prodr. 5: 421. 1836.

Baccharis pentziifolia Sch. Bip. ex Griseb., Abh. Königl. Ges. Wiss. Göttingen 24: 182. 1879.

Baccharis camporum var. *integrifolia* Baker, Fl. bras. (Martius) 6(3): 80. 1882. *Baccharis camporum* f. *integrifolia* (Baker) Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3, 133: 1916.

Baccharis camporum var. *glaucescens* Chodat & Hassl., Bull. Herb. Boissier, Sér. 2, 3: 716. 1903. *Baccharis camporum* f. *glaucescens* (Chodat & Hassl.) Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 133. 1916. *Baccharis glaucescens* (Chodat & Hassl.) Soria & Zardini, Candollea 46: 539. 1991.

Baccharis camporum f. *parvifolia* Heering, Jahrb. Hamb. Wiss. Anst. 31(3), 133: 1916.

Baccharis rotundifolia f. *subcuneata* Malme, Kungl. Svenska Vetenskapsakad. Handl. 12(2): 81. 1933. *Baccharis sessiliflora* var. *subcuneata* (Malme) Malag., Contr. Inst. Geobiol. La Salle 2: 33. 1953.

Ic.: Malagarriga 1954 (leaf); Barroso 1976: Fig. 83 (leaf), Fig. 86 (leaves), 95; Malagarriga 1977: dessin 3 (leaf), dessin 49 (leaves), dessin 240 (leaves), dessin 344 (leaves); Müller 2006a: Fig. 37; Oliveira & Marchiori 2006: Fig. 2, Fig. 15

Argentina, Bolivia (SC), Brazil (BA, DF, GO, MG, MS, MT, PR, RS, SC, SP), Paraguay, Uruguay

Baccharis subgen. *Baccharis*

Baccharis sessiliflora Michx., Fl. bor.-amer. 2: 125. 1803 [non Vahl 1794]. Type: USA; "in sylvis maritimis Carolinae" (not seen)

= *Baccharis glomeruliflora* Pers. (Gray 1886, Malagarriga 1977, Govaerts 1996)

1916. *Baccharis sessiliflora* var. *stuckertii* (Heering) Cabrera, Rev. Mus. La Plata, N. S., Bot. 17: 117. 1941.

= *Baccharis linearifolia* (Lam.) Pers.

Baccharis sessiliflora var. *subcuneata* (Malme) Malag., Contr. Inst. Geobiol. La Salle 2: 33. 1953.

= *Baccharis sessiliflora* Vahl

Baccharis sessilifolia (Less.) DC., Prodr. 5: 418. 1836. *Molina sessilifolia* Less., Linnaea 6: 140. 1831. *Baccharis sessilifolia* var. *hebeclada* DC., Prodr. 5: 418. 1836 [nom. superfl.]

Baccharis racemosa var. *sessilifolia* (Less.) Sch. Bip., Bonplandia 4: 55. 1856. Type: Chile; "Cel. de Chamisso pr. Talcahuano"; ♂ (G-DC!, K!, isotypes)

= *Baccharis racemosa* (Ruiz & Pav.) Pers.

Baccharis sessilifolia var. *eupatorioides* Malag., Mem. Soc. Ci. Nat. La Salle 37: 168. 1977 [pro syn. *Baccharis eupatorioides* Hook. & Arn.]

Baccharis sessilifolia var. *hebeclada* DC., Prodr. 5: 418. 1836 [nom. superfl.]

= *Baccharis racemosa* (Ruiz & Pav.) Pers.

298. *Baccharis shaferi* Britton, Bull. Torrey Bot. Club 43: 461. 1916. Type: Cuba; "Dry pine woods, Arroyo del Medio above the falls, 450-550 m. alt., Oriente (Shafer 3257" (NY, holotype)

Ic.: Malagarriga 1977: dessin 149 (leaves)

Cuba

Baccharis subgen. *Baccharis*

Baccharis shafferi Sch. Bip. ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 168. 1977 [pro syn. *Baccharis ramulosa* (DC.) A. Gray]

299. *Baccharis singularis* (Vell.) G. M. Barroso, Rodriguésia 28(40): 96. 1976. *Chrysocoma singularis* Vell., Fl. flum. 325. 2839. Type: Brazil; "fruticetis mediterraneis transalpinis ... Tab. 7^a. T. 8"

Chrysocoma lateralis Vell., Fl. flum. 329. 1829.

Chrysocoma purpurea Vell., Fl. flum. 334. 1829.

Baccharis cassinifolia DC., Prodr. 5: 412. 1836.

Baccharis cassinoides DC., Prodr. 5: 412. 1836.

Baccharis senicula Mart., Bot. Z. 1838, Beibl. 2: 61. 1838.

Baccharis berberidifolia Walp., Linnaea 14: 314. 1840 [non Kunth 1818]. *Baccharis walpersiana* D. Dietr., Syn. pl. 4: 1447. 1847.

Baccharis daphnoides Hook. & Arn., J. Bot. 3: 34. 1841.

Ic.: Vellozo 1831: Tab. 7; Barroso 1976: Fig. 92

Brazil (BA, ES, PR, RJ, RS, SC, SP)

Baccharis subgen. *Baccharis*

300. *Baccharis sinuata* Kunth, H. B. K., Nov. gen. sp. 4: 53. 1818. Type: Peru; "regione temperata prope Guancabamba et Sondorillo Peruvianorum, alt. 1000 hex."; *Humboldt & Bonpland* 3512, ♂ (P-HBK!, holotype)

Baccharis loxensis Benth., Pl. hartweg. 135. 1844.

Baccharis loxensis var. *oligocephala* Hieron., Bot. Jahrb. Syst. 36: 480. 1905.

Ic.: Cuatrecasas 1967: Fig. 11 (leaf); Malagarriga 1977: dessin 179 (leaf), dessin 357 (leaf)

Ecuador (AZ, CN, LO, OR, ZC), Peru (AM, CA, PI)

Baccharis subgen. *Baccharis*

Baccharis sodiroi Hieron., Bot. Jahrb. Syst. 29: 25. 1900. Type: Ecuador. "Crescit in silvis prope pagum Nono, alt. s. m. 2900 m (S.[odiro] n. 16/15)" (B!, holotype, destroyed)
= *Baccharis buddlejoides* Kunth

Baccharis solieri Remy, in Gay, Fl. chil. 4: 98. 1849 ["solierii"]. Type: Chile; "Se cria en las provincias centrales de la República"; Prov. Valdivia, Feb 1835, Gay 316, ♂ (P, lectotype, designated by Hellwig 1990); Chile, Gay s.n. (GH!, 2×, syntypes)

= *Baccharis neaei* DC.

Baccharis solieri var. *williamsii* (Phil.) Heering, Anales Univ. Chile 111: 170. 1903.

= *Baccharis neaei* DC.

Baccharis solisii Phil., Anales Univ. Chile 27: 330. 1865. *Baccharis bezanilleana* var. *solisii* (Phil.) Reiche, Anales Univ. Chile 111: 172. 1903. Type: Chile; "Prope Chillan reperitur" (SGO, lectotype, designated by Hellwig 1990, isolectotype)

= *Baccharis neaei* DC. (Hellwig 1990, Giuliano 2000)

Baccharis solomonii H. Rob., Phytologia 65: 40. 1988.

≡ *Baccharis saliens* var. *solomonii* (H. Rob.) Joch. Müll.

301. *Baccharis sordescens* DC., Prodr. 5: 405. 1836. *Neomolina sordescens* (DC.) F. H. Hellw., Candollea 48: 213. 1993. Type: "in Mexico legit cl. Haenke" (G-DC!, holotype)

Ic.: Matuda 1957: Fig. 34-35; Malagarriga 1977: dessin 275 (leaf)
Mexico

Baccharis subgen. *Pteronioides* Heering

Baccharis sordida (L.) Desf., *Tabl. École Pl.* 97. 1804. *Conyza sordida* L., *Mant. pl. altera* 466. 1771.

= *Phagnalon sordidum* (L.) Rchb.

Baccharis soulangioides Hook. & Arn. ex Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 169. 1977 [pro syn. *Baccharis radicans* DC.]

Baccharis sparsiflora Kunze ex Walp., *Nova Acta Acad. Caes. Leop.-Carol. Nat. Cur., Suppl.* 1, 265. 1843. [pro syn. *Baccharis concava* (Ruiz & Pav.) Pers.]

302. *Baccharis spartea* Benth., *Bot. voy. Sulphur* 114. 1845. Type: Peru; "Huamantango" (K!, holotype)

Baccharis kingii Cuatrec., *Phytologia* 52: 166. 1982.

Ic.: Malagarriga 1977: dessin 345 (leaves)

Peru (AN, AY, LI, LL)

Baccharis subgen. *Molina* (Pers.) Heering

303. *Baccharis spartioides* (Hook. & Arn. ex DC.) Remy, in Gay, *Fl. Chil.* 4: 102. 1849.

Heterothalamus spartioides Hook. & Arn. ex DC., *Prodr.* 7: 271. 1838. *Pseudobaccharis*

spartioides (Hook. & Arn. ex DC.) Cabrera, *Notas Mus. La Plata* 9: 250. 1944. *Psila*

spartioides (Hook. & Arn. ex DC.) Cabrera, *Bol. Soc. Argent. Bot.* 5: 211. 1955. Type:

Argentina; "in Patagoniâ boreali"; *Tweedie s.n.*, ♀ (K!, holotype, G!, G-DC!, isotypes)

Baccharis sarophora Phil., *Anal. Univ. Chile* 18: 52. 1861.

Ic.: Cabrera 1941: Fig. 30; Cabrera 1963: Fig. 27; Malagarriga 1977: dessin 249

Argentina, Chile

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis spathulata S. Schauer, *Linnaea* 19: 724. 1847. Type: "In Mexico, loco haud designato: Aschenb. n. 107"; ♂ (P!, isotype)

= *Baccharis heterophylla* Kunth

Baccharis spathulata Klatt, *Abh. Naturf. Ges. Halle* 15: 326. 1881 [non S. Schauer 1847].

Baccharis pseudospathulata Malag., *Contr. Inst. Geobiol. La Salle* 2: 46. 1952. Type: Peru;

"Province of Chachapoyas, leg. Matthews"; *Matthews s.n.*, ♀ (P!, lectotype, designated by

Cuatrecasas 1967b: 15); *Matthews 1835*, ♀ (K!, syntype?); *Matthews 1836*, ♀ (K!, syntype?)

= *Baccharis cutervensis* Hieron.

Baccharis speciosa DC., *Prodr.* 5: 399. 1836. Type: France, Guadeloupe; "in montanis

Guadelupae junio flor. legit cl. Perrottet"; 28 Jun 1824, *Perrottet s.n.*, ♀ (G-DC!, syntype);

30 Jun 1824, *Perrottet s.n.*, ♂ (G-DC!, syntype); *Perrottet 965*, ♂ (P!, syntype)

= *Baccharis pedunculata* (Mill.) Cabrera

Baccharis spegazzinii F. H. Hellw., *Mitt. Bot. Staatssamml. München* 29: 414. 1990. Type:

Chile; "XII. Region, de Magallanes, Straße von Punta Arenas nach Puerto Natales, zwischen

Estancia Otway und Río Verde, 28.1.1986, *Hellwig 6604*" (M, holotype, JE!, isotype)

= *Baccharis magellanica* × *patagonica*

304. *Baccharis sphaerocephala* Hook. & Arn., J. Bot. 3: 25. 1840. *Pingraea sphaerocephala* (Hook. & Arn.) F. H. Hellw., Candollea 48: 218. 1993. Type: Chile; "Chiloe. Cuming (n. 58). Between Osorno and El Rio de Maullin, Valdivia. Bridges (n. 579)"; *Cuming* 58, ♂ (P!, lectotype, designated by Malagarriga 1958: 293, GH!, isolectotype)

Baccharis radin Phil., Linnaea 33: 146. 1864-1865.

Chile

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis sphaerocephala var. *krausei* Malag., Mem. Soc. Ci. Nat. La Salle 37: 153, 169. 1977 [nom. nud.]
= *Baccharis salicifolia* (Ruiz & Pav.) Pers.

305. *Baccharis sphagnicola* A. A. Schneid. & G. Heiden, Kew Bull. 66: 133. 2011. Type: Brazil. Santa Catarina: Urubici, Campo dos Padres, 7 Dec. 2006, ♀, *Longhi-Wagner 10231* (ICN, holotype, FLOR, isotype)

Ic.: Heiden & al. 2011b: Fig. 1

Brazil (RS, SC)

Baccharis subgen. *Molina* (Pers.) Heering

306. *Baccharis sphenophylla* Dusén ex Malme, Kungl. Sv. Vetenskapsakad. Handl. 12(2): 78. 1933. Type: Brazil; "Desvio Ribas 20/1 09 (n. 7604), Jaguarahyba 5/2 10 (n. 9236), Cerrado 18/3 15 (n. 16828). Hab. in campis et fruticetis"; Ribas, *Dusén* 7604, ♀ (M!, NY!, syntypes)

Baccharis subumbelliformis Heering ex Malme, Kungl. Sv. Vetenskapsakad. Handl. 12(2), 79. 1933.

Ic.: Malme 1933: Fig. 15 (leaves, head); Oliveira & Marchiori 2006: Fig. 10

Brazil (MG, MS, PR, SP)

Baccharis subgen. *Baccharis*

307. *Baccharis spicata* (Lam.) Baill., Bull. Soc. Linn. Paris 34: 267. 1880. *Eupatorium spicatum* Lam., Encycl. 2: 409. 1786. Type: Uruguay; "Commerson a trouvé cette plante au Monte-Video"; *Commerson III* (P!, P-Juss!, isotypes)

Baccharis platensis Spreng., Syst. veg. 3: 465. 1826.

Baccharis attenuata D. Don ex Hook. & Arn., J. Bot. 3: 34. 1841.

Ic.: Baker 1882, Tab. xxvi; Arechavaleta 1907: estampa XLV; Malagarriga 1954 (leaf); Cabrera 1963: Fig. 30; Cabrera 1974: Fig. 141; Malagarriga 1977: dessin 139 (leaves)

Argentina (BA, CR, ER, SF), Brazil (PR, RS, SC, SP), Paraguay, Uruguay

Baccharis subgen. *Baccharis*

Baccharis spicata Hieron., Bot. Jahrb. Syst. 28: 590. 1901 [non (Lam.) Baill. 1880].

≡ *Baccharis hieronymi* Heering

Baccharis spiropoda F. Muell., Fragm. phytogr. austr. 1: 34. 1858 [pro syn. *Spiropodium baccharoides* F. Muell.]

Baccharis splendens Heering, Schr. Naturwiss. Ver. Schleswig-Holstein 13: 48. 1904. Type: Costa Rica; "Pittier & Durand n. 4932, 1706, 7175"; bords du Río Ceibo près de Buenos Aires, Jan 1892; Pittier s. n.; Pittier & Durand, Pl. costaric. exsicc. 4932, ♀ (M!, lectotype, designated by Müller 2006a: 179); bord des chemins au Barba, 10 Jan 1892, Pittier & Durand 1706 (M!, syntype); San Francisco de Guadalupe, 1150 m, Oct 1892, Pittier & Durand 7175, ♂ (M!, syntype)

= *Baccharis pedunculata* (Mill.) Cabrera

Baccharis squamulosa (A. Gray) M. E. Jones, *Contr. W. Bot.* 18: 71. 1933-1935. *Brickellia squamulosa* A. Gray, *Proc. Amer. Acad. Arts* 15: 30. 1879. Type: Mexico; "Abundant in gravelly soil, near San Luis Potosi, forming large clumps, two or three feet high, May to July. [Parry & Palmer]No. 356" (not seen)
= *Asanthus squamulosus* (A. Gray) R. M. King & H. Rob.

Baccharis squarrosa (L.) Desf., *Tabl. École pl.* 97. 1804. *Conyza squarrosa* L., *Spec. pl.* 2: 861. 1753.
= *Inula conyzae* (Griesselich) Meikle

Baccharis squarrosa Kunth, *H. B. K., Nov. gen. sp.* 4: 67. 1818 [non (L.) Desf. 1804]. Type: Mexico; "locis aridis montium Mexicanorum prope Guanaxuato, in radicibus montis porphyritici La Buffa, alt. 1100 hex."; ♀ (P-HBK!, holotype, B-Willd-15604!, isotype)
= *Baccharis seemanii* A. Gray

Baccharis squarrosa Baker, *Fl. bras. (Martius)* 6(3): 50. 1882 [non (L.) Desf., nec Kunth 1818]. Type: Uruguay; "in campis et rupestribus ad Maldonado: Capt. King!; prope Montevideo: Sello n. 2808! 2924!; prope Las Minas in fissuris rupium: Gibert n. 881!"; Uruguay, Lavalleja, Minas, Apr 1869, Gibert 881, ♀ (K, lectotype, designated by Heiden & Pirani 2012a); Uruguay, Maldonado, 1826, King 28, ♀ (K, syntype), Brazil, Rio Grande do Sul, Sellow 2808, ♀ (GH, syntype).
= *Baccharis patens* Baker

308. *Baccharis steetzii* Andersson, *Kongl. Svenska freg. Eugenie's resa, bot.* 2: 68. 1861. Type: Ecuador, Galápagos; "locis aridis regionis mediae insulae Charles (Ipse)"; ♀ (S!, holotype, BR!, C!, GH!, 2×, GOET!, K!, LD!, P!, W!, isotypes)
Ic.: Malagarriga 1977: dessin 230
Ecuador (GA)
Baccharis subgen. *Molina* (Pers.) Heering

Baccharis stenocephala Baker, *Fl. bras. (Martius)* 6(3): 39. 1882. Type: Brazil. "in prov. S. Paulo campis ad Morumbi: Burchell n. 4438!; prope Ypanema: Lund!"; Burchell 4438, ♀ (P!, lectotype, designated by Malagarriga 1958: 293, W!, isolectotype)
= *Baccharis pentaptera* (Less.) DC. (Schneider & al. 2009)

Baccharis stenophylla Ariza, *Bol. Acad. Nac. Ci. Córdoba* 50: 241. 1973. Type: Argentina; "Prov. Córdoba: Dpto. Colón: Ruta 19 (Camino a Montecristo) a la altura del Km. 711, entrando a la derecha +/- 2 kms, en potreros, Ariza 2333, 10-III-1968" (CORD, holotype)
= *Baccharis glutinosa* Pers.

Baccharis stenoptera Sch. Bip., *Bull. Soc. Bot. France* 12: 81. 1865 [pro syn. *Baccharis subalata* Wedd.]

Baccharis sternbergiana Steud., *Nomencl. bot., ed. 2, 1*: 179. 1840
= *Baccharis gnidiifolia* Knuth

Baccharis sternbergiana var. *pubescens* Perkins, *Bot. Jahrb. Syst.* 49: 225. 1913. Type: Bolivia; "Palca-La Paz, 4000 m ü. M. (Pflanz n. 81. - Im Dezember 1907 blühend)" (B, holotype, destroyed)
= *Baccharis arguta* Hook. & Arn.

Baccharis striata Ruiz & Pav. ex Steud., *Nomencl. bot., ed. 2, 1*: 179. 1840 [pro syn. *Baccharis fevillei* DC.]

Baccharis stricta Soyaux ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 169. 1977 [pro syn. *Aster squamatus* (Spreng.) Hieron.]

Baccharis strobiliana Ces., Atti R. Accad. Sci. Fis. Mat. 5: 12. 1871. Type: Argentina; "Patagones, Bahia Blanca" [Strobel 30, 30bis] (not seen)
= *Baccharis ulicina* Hook. & Arn. (Cabrera 1971, 1978, Giuliano & Ariza Espinar 1999, Giuliano 2000)

Baccharis stuebelii Hieron., Bot. Jahrb. Syst. 21: 341. 1895. Type: Peru; "prope El Tambo de Centamal, alt. s. m. 3200 m, ubi floret mense Aprili-Junio (Stuebel coll. peruv. n. 37)" (B, holotype, destroyed)
= *Baccharis caespitosa* (Ruiz & Pav.) Pers. (Malagarriga 1977)

309. *Baccharis stylosa* Gardner, Lond. J. Bot. 4: 120. 1845. Type: Brazil; "5784 ... Summit of the Organ Mountains. Fl. March" (not seen)

Baccharis imbricata Malag. & Vidal, Contr. Inst. Geobiol. Canoas 8: 37. 1957.

Ic.: Malagarriga 1977: dessin 137 (leaf)

Brazil (ES, MG, RJ, SP)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis subaequalis F. H. Hellw., Mitt. Bot. Staatssamml. München 29: 416. 1990. Type: Chile; "X. Region: Flußbett kurz hinter dem Ort Futrono an der Straße nach Llifén, 28.9.1985, Hellwig 5982" (M, holotype, JE!, isotype)

= *Baccharis elaeoides* × *rhomboidalis*

310. *Baccharis subalata* Wedd., Chlor. and. 1: 174. 1856. Type: Bolivia; "parties élevées de la Cordillère de Sorata! (Wedd.)"; ♀♂ (P!, lectotype, designated by Müller 2006a: 212, isotype)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis subalata* Wedd. var. *subalata

Ic.: Müller 2006a: Fig. 80

Bolivia (CH, CO, LP, SC), Peru (CU, PU)

Baccharis subalata* var. *vargasii Joch. Müll., Syst. Bot. Monogr. 76: 214. 2006. Type: Bolivia; "Santa Cruz: Prov. Caballero, 1 km E Siberia, 3000-3050 m, 17°49'S 64°45'W, 26 Jul 1996, ♀, Vargas et al. 5043" (NY!, holotype, USZ!, isotype)

Ic.: Müller 2006a: Fig. 81

Bolivia (CO, SC)

Baccharis subandina Phil., Anales Univ. Chil. 87: 707. 1894. *Baccharis rosmarinifolia* var. *subandina* (Phil.) Reiche, Anales Univ. Chile 111: 173. 1903. Type: Chile; "en las colinas cerca de Quinamávida prov. de Linares, donde no era abundante" (SGO, lectotype, designated by Hellwig 1990)

= *Baccharis neaei* DC. (Hellwig 1990, Govaerts 1996)

311. *Baccharis subbimera* Hieron., Bot. Jahrb. Syst. 21: 345. 1895. Type: Peru; "crescit in monte Cerro Morro de Moyobamba, ubi floret mense Julio ([Stuebel] coll. peruv. n. 63a), et in monte Cerro de la Campana inter Moyabamba et fluvium Huallaga sito, alt. s. m. 1500 m, ubi floret mense Julio (coll. peruv. n. 56)" (B!, syntypes, destroyed)

Peru (AM, LO, SM)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis subcapitata Gardner, *London J. Bot.* 7: 85. 1848. Type: Brazil; "4251 ... Dry upland Campos between Arrayas and San Domingos, Provence of Goyaz. May, 1840"; ♀ (BR!, G!, 2×, GH!, fragment, P!, 2×, W!, isotypes)
= *Baccharis linearifolia* (Lam.) Pers.

Baccharis subcrispa Malag., *Contr. Inst. Geobiol. Canoas* 8: 39. 1957. Type: Brazil; "Itatiaia - Pedra do Altar (2100 m.s.m.) - Brasil.- Leg Brade n.º 15593 p.p. (III-1937)" (RB, holotype, ICN, JE, isotypes)
= *Baccharis genistelliodes subsp. crispa* (Spreng.) Joch. Müll.

Baccharis subdentata DC., *Prodr.* 5: 408. 1836. Type: Brazil; "in Brasiliae prov. Minasgeraes (Vauth! pl. exs. n. 339) et Sancti-Pauli (h. imp. Bras. n. 474)"; Vauthier 839 [sic!], ♀ (P!, lectotype, designated by Malagarriga 1958: 293, G-DC! ["339"], isolectotype); Sellow s.n. = M. I. B. 474, ♀ (P!, syntype)
= *Baccharis linearifolia* (Lam.) Pers.

Baccharis subdentata var. *incogitata* Malag., *Contr. Inst. Geobiol. La Salle* 3: 8. 1954. Type: Brazil; [Hoehne] "2076 (XII)"; "2077 (XII)"; Avenida Indianópolis – Capital de São Paulo, 2 Dec 1948, Hoehne 2076, ♂ (G!, syntype); *ibid.*, Hoehne 2077, ♀ (G!, HBG!, syntypes)
= *Baccharis linearifolia* (Lam.) Pers.

Baccharis subdentata var. *incognita* Malag., *Contr. Inst. Geobiol. La Salle* 3: 8. 1954. Type: Brazil; [Hoehne] "2011 (III), 2014 (III), 2025 (II)"; "1981 (III), 2015 (III)"; Campo Congonhas - Capital de São Paulo, 29 Mar 1946, Hoehne 2015, ♀ (HBG!, syntype)
= *Baccharis linearifolia* (Lam.) Pers.

312. *Baccharis suberectifolia* A. S. Oliveira & Deble, *Bonplandia* 17: 22. 2008. *Lanugothamnus suberectifolius* (A. S. Oliveira & Deble) Deble, *Balduinia* 37: 15. 2012. Type: Brazil; "Paraná: Palmeira, Rod. BR-277, rio Papagaios, campo limpo, ... ♀, 11-II-1988, G. Hatschbach & S. Ginzburg 51875" (MBM, holotype)
Ic.: Oliveira & Deble 2008: Fig. 5
Brazil (PR)

Baccharis subgen. *Tarchonanthoides* Heering

Baccharis subincisa Heering & Dusén, *Ark. Bot.* 9(15): 25. 1910. Type: Brazil; "Die Pflanze wurde im Camposgebiet in der Nähe der Eisenbahnstation Serrinha gefunden; sie blüht im Januar. ([Dusén] Nr. 3081)", ♂ (HBG!, isotype)
= *Baccharis pauciflosculosa* DC. (Barroso 1976, Govaerts 1996, Giuliano & Ariza Espinar 1999, Oliveira & Marchiori 2006b)

Baccharis subintegrifolia Sch. Bip. ex Malag., *Notulae Syst.* 15(3): 283. 1958 [pro syn. *Baccharis erioclada* DC.]

Baccharis subnuda Sch. Bip. ex Malaga., *Mem. Soc. Ci. Nat. La Salle* 37: 170. 1977 [pro syn. *Baccharis gracilis* DC.]

Baccharis subopposita DC., *Prodr.* 5: 413. 1836. *Baccharis tridentata* var. *subopposita* (DC.) Cabrera, *Fl. Prov. Buenos Aires* 6: 130. 1963. Brazil; "in Brasiliae prov. Rio-Grande (v. s. ... in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 978 et verisim. 949 miss.)"; Sellow s.n. = M. I. B. 949 (P!, lectotype, designated by Malagarriga 1958: 294); Sellow s.n. = M. I. B. 978, ♀ (P!, G-DC!, syntypes)

= *Baccharis tridentata* Vahl

Baccharis subopposita var. *affinis* (DC.) Baker, *Fl. bras. (Martius)* 6(3): 91. 1882.

= *Baccharis tridentata* Vahl

Baccharis subpenninervis Sch. Bip., *Bull. Soc. Bot. France* 12: 81. 1865 [nom. nud.] Original material: Bolivia; [Mandon] "183"; ♀♂ (G!, 2×, NY!, P!, 5×, W!)

= *Baccharis latifolia* (Ruiz & Pav.) Pers. (p.p.), ***B. pentlandii*** DC. *subsp. pentlandii*

Baccharis subpingraea Heering, *Jahrb. Hamb. Wiss. Anst.* 31, *Beih.* 3: 104. 1916. *Conyza montevidensis* Spreng., *Syst. veg.* 3: 510. 1826. Type: not indicated in the protologue

= *Baccharis glutinosa* Pers.

Baccharis subpingraea f. *borealis* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, *Beih.* 3: 107. 1916. Type: Argentina; "Entrerios: In dem Arroyo Yucari chico (Lorentz n. 1046); Concepcion del Uruguay, gemein zwischen Gebüsch, überall häufig im Kamp Itusaingo (Niederlein, *Deutsche Arg. Mis. Exp. Río Alto Paraná*); ohne nähere Angabe (ohne Sammler). Gran Chaco: Colonia Resistencia (Niederlein, *Deutsch Arg. Mis. Exped.*)"; Arroyo Yucari Chico, 7 Feb 1876, ♂, Lorentz 1046 (GOET!, syntype)

= *Baccharis glutinosa* Pers.

Baccharis subpingraea f. *ciliatodentata* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, *Beih.* 3: 105. 1916. Type: Argentina; "Buenos Aires: Barracas al Sud (Venturi n. 60 - 14. Febr. 1902, ♂, ♀)" (not seen)

= *Baccharis glutinosa* Pers. (Nesom 1988b, Govaerts 1996)

Baccharis subpingraea f. *crassifolia* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, *Beih.* 3: 107. 1916. Type: Argentina; "Santiago: La Banda (Lillo n. 6121 - 29. März). Córdoba: Dep. S. Alberto, Mina Clarero (Stuckert n. 11351, Dez. 1901); Canals (Stuckert n. 19064 - 13. Aug. 1908); Salte, Rio III (Stuckert n. 2393 - März 1879). Buenos Aires: (Bettfreund n. 196 a). Rio Negro: Pampa zwischen Laguna de las Bandurias und Fortin Fé (Niederlein, *Exp. nach dem Rio Negro - 24. April 1879*)" (not seen)

= *Baccharis glutinosa* Pers. (Ariza 1973, Nesom 1988b, Govaerts 1996)

Baccharis subpingraea f. *crassinervis* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, *Beih.* 3: 105. 1916. Type: Argentina, Uruguay; "Argentinien. Buenos Aires, Naposta Grande, häufig in Kämpfen (Lorentz, *Fl. arg. n.* 166 - 16. Febr. 1881). Ohne nähere Angabe (Jameson 1871-72, unvollständiges Exemplar). Uruguay. Montevideo (Pl. coll during Capt. King's Voy. in the Southern Hemisphere by Andersson and others n. 226) ... Buenos Aires: Arroyo Pigué (Lorentz, *Fl. arg. n.* 26. - Febr. bis April 1881)" (not seen)

= *Baccharis glutinosa* Pers. (Nesom 1988b, Govaerts 1996)

Baccharis subpingraea f. *montevidensis* Heering, *Jahrb. Hamb. Wiss. Anst.* 31: *Beih.* 3, 108. 1916. Type: Brazil, Uruguay; "Uruguay. Montevideo: Ohne nähere Angabe (Sello n. 361 - Febr. 1822, ♂ in Blüte; n. 530 ♀; n. 547 ♀), auf feuchten Campos (Arechavaleta n. 53 - Febr.). Brasilien. Sao Paulo: Ohne nähere Angabe (Riedel n. 513 - ♀ in Blüte)"

= *Baccharis glutinosa* Pers. (Nesom 1988b, Govaerts 1996)

Baccharis subpingraea f. *nana* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, *Beih.* 3: 106. 1916. Type: Argentina, Paraguay; "Tucuman: Ohne nähere Angabe (Stuckert n. 8608 - 25. Febr. 1900). Santa Fé: Cañada de Gomez (Galander n. 2 - 19. Dez. 1877. Blütenköpfchen noch

nicht entwickelt, n. 21 – 22. Dez. 1877, ♀ in Blüte und fast reif). Córdoba: Estancia S. Teodoro, Rio I (Stuckert n. 13999 – 20. März 1904, n. 15467, 15467a – 6. Jan. 1906); Altos de Córdoba (Bodenbender – März 1896, ♀ blühend); Sierra Chica, Colanchangea (Hieronymus – Febr. 1882, ♂, ♀ in Blüte und Frucht); Las Peñas (Lorentz n. 681), ebenda auf steinigem Hügeln (Lorentz n. 180 – Febr. 1871); ohne nähere Angabe (Stuckert n. 1307, 6. Jan. 1897 – 1510, 17. Jan. 1897 – 1664, 7. Febr. 1897 – 4506, 10. April 1898 – 6244, 22. Jan. 1899 – 6247, 22. Jan. 1899 – 8851, 14. März – 9789, 10. April 1900 – O. Kuntze, Dez. 1891, ♀ in Blüte). Buenos Aires: Coronel Suarez (Stuckert n. 17378 – 3. März 1907). Entrerios: Kolonie S. José an Wegen (Lorentz, Fl. Entrer. n. 651 – 1. Febr. 1876, ♀ in Blüte). Paraguay. ... San Juan, auf Sandboden (Haßler n. 76)"; Las Peñas, Feb 1871, ♂, Lorentz 180 (GOET!, syntype); An Wegen etc. in d. Colonie Sn José, Palmas etc. 3. Febr. 1876, ♀, Lorentz 651 (GOET!, syntype)
= **Baccharis glutinosa** Pers.

Baccharis subpingraea f. *pseudulicina* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 106. 1916. Type: Argentina: "Córdoba: In den Pampas bei der Laguna de Pocho (Hieronymus - 21.-23. März 1877). Buenos Aires: Olavaria, Estancia Rocha (C. Osten n. 40 - 13. Febr. 1886). Rio Negro: Bei Fortin Iniciativa, verbreitet (Niederlein, *Exped. nach dem Rio Negro* - 23. April 1879, ♂, ♀ in Blüte), Pampa, ohne nähere Angabe (Niederlein, ♂ in Blüte)"; Laguna de Pocho, ♀♂, Hieronymus 705 (GOET!, syntype)
= **Baccharis glutinosa** Pers.

Baccharis subpingraea f. *punctata* Govaerts, *World checkl. seed pl.* 2(1): 245. 1996 [sphalm. for *Baccharis subpingraea* f. *punctata* Heering]

Baccharis subpingraea f. *punctulata* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 108. 1916. Type: Argentina, Uruguay; "Entrerios: Concepcion del Uruguay, verbreitet an Wegen, zwischen Gebüsch, im Kamp (Lorentz, April 1877, ♂. Lorentz n. 587. – Niederlein n. 140). Uferwald des Arroyo Villaguay (Lorentz, Fl. Entrer. n. 1575). Paso de Santa Lucia auf dem lichten Vorlande am Saume des subtropischen Waldes (Lorentz, Fl. Entrer. n. 641). Uruguay. Salto in Hecken, Rincon del Dayman (C. Osten n. 5479); ohne nähere Angabe, Campos in niedrig gelegenen Gegenden (Arechavaleta n. 54)"; Concepción del Uruguay, Apr 1876, ♂, Lorentz 587 (GOET!, syntype); Yucari chico; 7 Feb 1876, ♀, Lorentz 641 (GOET!, syntype); Arroyo Villaguay, 15 Jan 1878, ♀, Lorentz 1575 (GOET!, syntype); Concepción del Uruguay, Apr 1877, ♂, Lorentz s. n. (JE!, syntype)
= **Baccharis glutinosa** Pers.

Baccharis subrufescens Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 136. 1916. *Baccharis rufescens* var. *subrufescens* (Heering) Ariza, *Bol. Acad. Nac. Ci. Córdoba* 50: 288. 1973. Type: Argentina. "Córdoba: Canals (Stuckert n. 1516, 17. Jan. 1897, n. 18677, 24. März 1908)"; Stuckert 1516 (HBG!, syntype); Stuckert 18677 (HBG!, syntype)
= **Baccharis linearifolia** (Lam.) Pers.

Baccharis subscandens Sch. Bip. ex Baker, *Fl. bras. (Martius)* 6(3): 76. 1882 [pro syn. *Baccharis conyzoides* (Less.) DC.]

Baccharis subsculpta Hochr., *Mem. New York Bot. Gard.* 6(21): 292. 1910. Type: Peru; "In Peruvia interiore (Matthews no. 564), ... (Matthews no. 758), Cuesta of Perruchuca"; Matthews 758, ♂ (K!, 2×, lectotypes, designated by Granda & Giuliano 2004: 709); Matthews 564, ♂ (G!, K!, syntypes, = *Baccharis gnidiifolia* Kunth)
= **Baccharis arguta** Hook. & Arn.

Baccharis subspathulata Gardner, London J. Bot. 7: 87. 1848. Type: Brazil; "In dry Campos in the district of the Rio Preto, Province of Pernambuco (1905), and near the mission of Duro, Province of Goyaz (3296). Oct., 1839"; Gardner 2905 (P, lectotype, designated by Malagarriga 1958: 294)

= *Baccharis linearifolia* (Lam.) Pers. (Barroso 1976, Oliveira & Marchiori 2006)

313. *Baccharis subtropicalis* G. Heiden, Rodriguésia 60: 977. 2009. *Baccharis sagittalis* var. *montevidensis* Baker, Fl. bras. (Martius) 6(3): 42. 1882. Type: Argentina, Uruguay; "prope Montevideo: Tweedie n. 1416! King n. 168! Gibert n. 720! 722! 807! Arechavaleta n. 4089!; ad Parana: Tweedie!"; Montevideo, Nov 1874, Arachalaveta 4089 (K, lectotype, designated by Heiden 1009: 977); King 168 (BM!, syntype)

Brazil (PR, RS, SC), Uruguay

Ic.: Heiden & al. 2009a: Fig. 19 a-g

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis subulata D. Don ex Hook. & Arn., J. Bot. 3: 39. 1841. Type: Argentina; "Buenos Ayres (Herb. Baldwin). Boggy places, Bahía Blanca, N. Patagonia. Tweedie (n. 400). Wet spots, near the mouth of Rio de Uspallata, Andes of Mendoza. Dr Gillies (n. 190)"; Bahía Blanca, s. coll., ♀ (G-DC!, probable syntype)

= *Baccharis juncea* (Cass.) Desf. **subsp. juncea**

Baccharis subumbelliformis Heering ex Malme, Kungl. Sv. Vetenskapsakad. Handl. 12(2), 79. 1933. Type: Brazil; "Jaguariahyba 1/2 15 ([Dusén] n. 16587) et loco non indicato. Hab. in campo"; ♂ (G!, isotype)

= *Baccharis sphenophylla* Dusén ex Malme

314. *Baccharis sulcata* DC., Prodr. 5: 419. 1836. Type: Mexico; "circa Villalpando legit cl. Mendèz", ♂ (G-DC!, 3 sheets, holotype)

Baccharis potosina A. Gray, Proc. Amer. Acad. Arts Sci. 15: 33. 1880. *Neomolina potosina* (A. Gray) F. H. Hellw., Candollea 48: 213. 1993.

Baccharis havardii A. Gray, Syn. fl. North Amer., Gamopet. 224. 1886.

Ic.: Matuda 1957: Fig. 15-16; Malagarriga 1977: dessin 270 (leaves)

Mexico (CH), USA (NM, TX)

Baccharis subgen. *Pteronioides* Heering

Baccharis syncephala Sch. Bip. ex Rusby, Bull. New York Bot. Gard. 4: 386. 1907. Type: Bolivia; [Bang] "(No. 2261)"; ♀♂ (NY!, holotype, E!, G!, 2×, GH!, K!, 2×, M!, MICH!, MO!, UPS!, W!, WU!, isotypes)

= *Baccharis platypoda* DC.

Baccharis tafiensis Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 146. 1916. Type: Argentina; "Tucuman: Dep. Tafi, Cerro Munoz, zwischen Felsen, 3800 bis 4000 m ü. d. M. (Lillo n. 7418 - 27. Jan. 1908, ♂ in Blüte; n. 4193 - 23. Febr. 1905, ♀ in Frucht); ohne nähere Angabe (G. A. Baer n. 137 - 1902, ♀ in Blüte)"; Lillo 4193 (HBG!, lectotype, designated by Müller 2006a: 87); Baer 137 (SI!, syntype); Lillo 7418 (BR!, HBG!, syntypes)

= *Baccharis tola* Phil.

Baccharis talcareguiensis Heering, Anales Univ. Chile 111: 174. 1903. Type: Chile; "algunas muestras procedentes de la cordillera de Talcaehue i de los altos de Tiltit" (not seen)

= *Baccharis neaei* DC. (Giuliano 2000)

315. *Baccharis taltalensis* I. M. Johnst., Contr. Gray Herb. 85: 125. 1929. *Neomolina taltalensis* (I. M. Johnst.) F. H. Hellw., Candollea 48: 213. 1993. Type: Chile; "arid ridge crests above the fertile belt near Aguada de Miguel Diaz, Dept. Taltal, Dec. 2, 1925, Johnston 5329"; ♀ (GH, holotype, K!, isotype)

Chile

Baccharis subgen. *Pteronioides* Heering

Baccharis tandilensis Speg., Contrib. fl. Tandil 26. 1901. Type: ?

= *Baccharis dracunculifolia* DC. (Giuliano 2000)

Baccharis tarapacana F. H. Hellw., Mitt. Bot. Staatssamml. München 29: 418. 1990. Type: Chile; "I. Region, de Tarapacá, Weg von Pica zum Salar de Huasco, vor der Paßhöhe, 3800 m, 19.4.1986, Hellwig 5634" (M, holotype, JE!, isotype)

= *Baccharis tola* Phil.

316. *Baccharis tarchonanthoides* DC., Prodr. 5: 414. 1836. *Lanugothamnus tarchonanthoides* (DC.) Deble, Balduinia 37: 16. 2012. Type: Brazil; "in Brasiliae prov. Minarum General. legit cl. Vauthier (pl. exs. n. 275)"; ♂ (G-DC!, holotype, G!, K!, P!, 2×, W!, isotypes)

Baccharis ibitensis Malag. ex Handro, Arq. Bot. Est. S. Paulo, N. S. 3: 67. 1953.

Baccharis tarchonanthoides var. *subintegrifolia* Malag. & Vidal, Contr. Inst. Geobiol. Canoas 8: 39. 1957.

Ic.: Teodoro 1954 (leaf); Malagarriga 1977: dessin 148

Brazil (MG, PR, RJ, SP)

Baccharis subgen. *Tarchonanthoides* Heering

Baccharis tarchonanthoides var. *albifolia* Glaz., Mém. Soc. Bot. France 3: 399. 1910 [nom. nud.] Original material: Brazil; "Serra do Cipó, Minas, n° 19553" (K!, P!, 2×)

= *Baccharis tarchonanthoides* DC.

Baccharis tarchonanthoides var. *ibitensis* Malag., Mem. Soc. Ci. Nat. La Salle 37: 171. 1977 [nom. nud.]

= *Baccharis tarchonanthoides* DC.

Baccharis tarchonanthoides var. *integrifolia* Baker, Fl. bras. (Martius) 6(3): 50. 1882. Type: Brazil; "in prov. S. Paulo: Sello n. 175!; in Minas Geraes ad Itambé: Martius!" (not seen)

= *Baccharis lychnophora* Gardner (Barroso 1976, Govaerts 1996)

Baccharis tarchonanthoides var. *subintegrifolia* Malag. & Vidal, Contr. Inst. Geobiol. Canoas 8: 39. 1957. Type: Brazil; "798 HIB" (not seen)

= *Baccharis tarchonanthoides* DC. (Govaerts 1996)

317. *Baccharis tarmensis* Cuatrec., Caldasia 10: 22. 1967. Type: Peru; "Tarma, vulgo chilca, F.P. s.l.s.d. No. 37, Ruiz & Pavón"; ♀♂ (G!, holotype, G!, MA!, 2×, isotypes)

Ic.: Malagarriga 1977: dessin 367 (leaf)

Peru (AM, CA, JU)

Baccharis subgen. *Molina* (Pers.) Heering

318. *Baccharis teindalensis* Kunth, H. B. K., Nov. gen. sp. 4: 54. 1818. Type: Colombia; "in montibus altissimis Regni Novo-Granatensis, Teindalam inter et urbem Pasto, alt. 1500 hex."; Humboldt & Bonpland 2162, ♀♂ (P-HBK!, holotype, B-Willd-15573!, P!, 3×, isotypes)

Baccharis capitata Kunth, H. B. K., Nov. gen. sp. 4: 53. 1818.

Baccharis macrantha Kunth, H. B. K., Nov. gen. sp. 4: 54. 1818.

Baccharis resinosa Kunth, H. B. K., Nov. gen. sp. 4: 52. 1818.

Baccharis ustulata Benth., Pl. hartweg. 202. 1845.

Baccharis odorata var. *nummularia* Benoist, Bull. Soc. Bot. France 91: 191. 1944.

Baccharis capitata var. *entera* Cuatrec., Anales Univ. Madrid (Ci.) 4(2): 210. 1935.

Ic.: Cuatrecasas 1967: Fig. 12 (leaves); Cuatrecasas 1969: Fig. 68; Malagarriga 1977: dessin 168 (leaf), dessin 171, 219

Colombia (NA), Ecuador (CA, IM, NA, PI)

Baccharis subgen. *Baccharis*

319. *Baccharis tenella* Hook. & Arn., J. Bot. 3: 42. 1841. *Heterothalamus tenellus* (Hook. & Arn.) Kuntze, Rev. gen. 3(2): 158. 1898. *Pseudobaccharis tenella* (Hook. & Arn.) Cabrera, Not. Mus. La Plata 9: 248. 1944. *Psila tenella* (Hook. & Arn.) Cabrera, Bol. Soc. Argent. Bot. 5: 210. 1955. Type: Argentina; "N. Patagonia, at Bahia Blanca and Arroya de Napoota. Tweedie" (not seen)

Heterothalamus tenellus var. *austropatagonicus* Skotts., Kongl. Svenska Vetenskapsakad. Handl. 56(5): 315. 1916.

Ic.: Malagarriga 1977: dessin 349 (leaves)

Argentina

Baccharis subgen. *Molina* (Pers.) Heering?

320. *Baccharis tenuicapitulata* Joch. Müll., Anales Jard. Bot. Madrid 64: 191. 2007. Type: Ecuador; "Azuay:] Km 91 on Panamerican Highway N of Loja, 3°25'S 79°10'W, dry scrub, 2900 m, 5 May 1973, ♀, L. Holm-Nielsen & al. 5036" (NY!, holotype, MO!, US!, isotypes)"

Ic.: Müller 2007: Fig. 1

Ecuador (AZ, CH, CN, LO)

Baccharis subgen. *Baccharis*

Baccharis tenuifolia L., Sp. pl. 860. 1753. Type: "Africa ... *Baccharis follis ovato-lanceolatis serratis, caule suffruticoso. Hort. cliff. 404. Conyza africana tenuifolia subfrutescens, flore aureo. B. Dill. elth. 104. t. 88. f. 103*" (not seen)

= *Polyarrhena reflexa* (L.) Cass. (Hellwig 1990)

Baccharis tenuifolia DC., Prodr. 5: 423. 1836 [non L. 1753]. *Baccharis rufescens* var. *tenuifolia* Baker, Fl. bras. (Martius) 6(3): 63. 1882. *Baccharis pseudotenuifolia* Malag., Contr. Inst. Geobiol. La Salle 2: 46. 1952. Type: Brazil; "in Brasiliae prov. Sancti-Pauli. ... (v. s. in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 512 miss.)"; Sellow 5276 = M. I. B. 512 (P!, holotype, G-DC!, isotype)

= *Baccharis linearifolia* (Lam.) Pers. subsp. *linearifolia*

Baccharis tenuifolia var. *leptophylla* (DC.) Malme, Kongl. Svenska Vetenskapsakad. Handl., Ser. 3, 12(2): 72. 1933.

= *Baccharis linearifolia* (Lam.) Pers. subsp. *linearifolia*

321. *Baccharis tenuiptera* Deble, Bonplandia 16: 30. 2009. Type: Brazil; Rio Grande do Sul, Ilha dos Marinheiros, Deble & Oliveira 10026 (CTES, holotype, MBM, isotype).

Brazil

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis teucrifolia Hook. & Arn. ex Baker, Fl. bras. (Martius) 6(3): 77. 1882 [pro syn. *Baccharis anomala* DC.]

322. *Baccharis texana* (Torr. & A. Gray) A. Gray, Pl. fendl. 75. 1849. *Linosyris texana* Torr. & A. Gray, Fl. North Amer. 2: 232. 1842. *Neomolina texana* (Torr. & A. Gray) F. H. Hellw., Candollea 48: 213. 1993. Type: USA; "Texas, Drummond! Dr. Riddell!"; *Drummond 139*, ♀ (W!, syntype?); *Drummond 144*, ♂ (G!, W!, syntypes?); 1835, *Drummond 223* (W!, syntype?)

Haplopappus linearifolius Buckley, Proc. Acad. Nat. Sci. Philadelphia 13: 457. 1862.

Ic.: Malagarriga 1977: dessin 277 (leaves)

Mexico (CO, NL, TA), USA (NM, OK, TX)

Baccharis subgen. *Pteronioides* Heering

323. *Baccharis thesioides* Kunth, H. B. K., Nov. gen. sp. 4: 61. 1818. *Neomolina thesioides* (Kunth) F. H. Hellw., Candollea 48: 213. 1993. Type: Mexico; "in Montosis juxta Santa Rosa Mexicanorum, alt. 1350 hex."; *Humboldt & Bonpland 4259* (P-HBK!, holotype)

Baccharis ptarmicifolia DC., Prodr. 5: 419. 1836. *Neomolina ptarmicifolia* (DC.) F. H. Hellw., Candollea 48: 213. 1993.

Ic.: Matuda 1957: Fig. 40-41; Malagarriga 1977: dessin 271 (leaves), dessin 278 (leaves)

Mexico, USA (AR, NM)

Baccharis subgen. *Pteronioides* Heering

Baccharis thomasii Klatt, Abh. Naturf. Ges. Halle 15: 326. 1881. Type: Mexico; "Orizaba, leg. Thomas 1866" (not seen)

= *Archibaccharis schiedeana* (Benth. ex Oersted) J. D. Jackson (Jackson 1974, 1975, Nash 1976, Malagarriga 1977, Govaerts 1996)

324. *Baccharis thymifolia* Hook. & Arn., J. Bot. 3: 38. 1841. Type: Argentina; "Crevices of rocks, Cienega de las Arrojas, Andes of Mendoza. Dr Gillies (n. 166)" (not seen)

Ic.: Malagarriga 1977: dessin 350

Argentina

distinct species of unclear affinities

Baccharis thuyoides (Lam.) Pers., Syn. pl. 2: 425. 1807. *Conyza thuyoides* Lam., Encycl. 2: 90. 1786. Type: Peru; "croît au Pérou, où M. Joseph de Jussieu l'a découverte" (P-Lam!, holotype)

= *Loricaria thuyoides* (Lam.) Sch. Bip., Bonplandia 8: 258. 1860.

Baccharis tocansipensis Sch. Bip. ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 171. 1977 (pro syn. *Baccharis macrantha* subsp. *cundinamarcensis* (Cuatrec.) Cuatrec.)

Baccharis toayensis Sch. Bip. ex Malag., Mem. Soc. Ci. Nat. La Salle 37: 171. 1977 (nom. inval., as *Vernonia* sp.)

325. *Baccharis tola* Phil., Fl. atac. 30. 1860. Type: Chile; "Prope Agua de Profetas 24°45' lat. m. et 9000 p. s. m., Agua de Varas 24°38' lat. m. et 9700 p. s. m. Puquios 23°50' lat m. 11000 p. s. m. etc."; Agua de Varas etc., Jan 1854, *Philippi s.n.* (SGO, lectotype, designated by Hellwig 1990); Atacama, *Philippi s.n.* (F!, fragment, syntype)

Baccharis tafiensis Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 146. 1916.

Baccharis tarapacana F. H. Hellw., Mitt. Bot. Staatssamml. München 29: 418. 1990.

Baccharis subgen. *Baccharis*

Baccharis tola* Phil. subsp. *tola

Baccharis tola* Phil. [subsp. *tola*] var. *tola

Baccharis lejia Phil., Verz. Antofagasta Pfl. 39. 1891. *Baccharis tola* var. *lejia* (Phil.) Reiche, Anales Univ. Chile 111: 176. 1902. *Baccharis incarum* var. *lejia* (Phil.) Cabrera, Rev. Invest. Agric. 11: 403. 1957.

Ic.: Hellwig 1990: Abb. 120-123; Müller 2006a: Fig. 26

Argentina (CA, JU, LR, ME, SA), Bolivia (CH, OR, PO, TA), Chile

Baccharis tola* [subsp. *tolá*] var. *viscosissima (Kuntze) Joch. Müll., Syst. Bot. Monogr. 76: 91. 2006. *Baccharis magellanica* var. *viscosissima* Kuntze, Rev. gen. 3(2): 133. 1898. Type: Chile; "Atacamawüste: Conchi"; Mar 1892 (NY!, holotype, US!, isotype)

Baccharis tola subsp. *altiplanicola* F. H. Hellw., Mitt. Bot. Staatssamml. München 29: 333. 1990.

Ic.: Hellwig 1990: Abb. 125-127; Müller 2006a: Fig. 28

Argentina (SA), Bolivia (PO), Chile (AN)

Baccharis tola subsp. *altiplanicola* F. H. Hellw., Mitt. Bot. Staatssamml. München 29: 333. 1990. Type: Chile; "I. Region: Weg von Pica zum Salar de Huasco, kurz hinter der Paßhöhe, nahe der Kreuzung mit der Straße nach Ollagüe, 4000 m, 19.4.1986, Hellwig 5660" (M, holotype, JE!, isotype)

= ***Baccharis tola* var. *viscosissima*** (Kuntze) Joch. Müll.

Baccharis tola* subsp. *fimbriata Joch. Müll., Syst. Bot. Monogr. 76: 97. 2006. Type: Bolivia; "Tarija: Prov. Avilez. altiplano beside the upper valley of Río Rosario, ca. 3800 m, 27 Feb 2002; ♀, Müller 9217" (JE!, holotype, BR!, GH!, LPB!, MO!, NY!, isotypes)

Ic.: Müller 2006a: Fig. 32

Argentina (JU, SA), Bolivia (PO, TA)

Baccharis tola var. *lejia* (Phil.) Reiche, Anales Univ. Chile 111: 176. 1902.

= ***Baccharis tola* Phil. subsp. *tolá*** (Cabrera 1978, Hellwig 1990)

Baccharis tola* subsp. *santelicis (Phil.) Joch. Müll., Syst. Bot. Monogr. 76: 93. 2006. *Baccharis santelicis* Phil., Verz. Antofagasta Pfl. 39. 1891. Type: Chile; "ad Huasco c. 3900 m. s. m. lecta"; ♀ (SGO, lectotype, designated by Hellwig 1990, WU!, isotype?)

Baccharis tola* [subsp. *santelicis*] var. *chrysophylla (F. H. Hellw.) Joch. Müll., Syst. Bot. Monogr. 76: 96. 2006. *Baccharis santelicis* subsp. *chrysophylla* F. H. Hellw., Mitt. Bot. Staatssamml. München 29: 318. 1990. Type: Chile; "I. Region, de Tarapacá, Weg von Zapahuira zum Portezuelo de Chapiquina, 4300 m, 15.4.1986, Hellwig 7957"

Ic.: Hellwig 1990: Abb. 116-119; Müller 2006a: Fig. 31

Bolivia (OR), Chile (TA)

Baccharis tola* [subsp. *santelicis*] var. *incarum (Wedd.) Joch. Müll., Syst. Bot. Monogr. 76: 93. 2006. *Baccharis microphylla* var. *incarum* Wedd., Chlor. and. 1: 170. 1856. *Baccharis incarum* (Wedd.) Perkins, Bot. Jahrb. Syst. 49: 224. 1913. Type: Bolivia, Peru; "Pérou ...: Cordillère de Tacora! (Wedd.). - Bolivie ...: très répandu sur les collines arides des hauts plateaux, entre Potosí et La Paz!, ainsi qu'au voisinage du lac de Titicaca!, près de Tiguanao, etc. (d'Orbigny, Pentland, Wedd., etc.)"; Cord. de Tacora, 1851, *Weddell s.n.*, ♂ (P!, lectotype, designated by Cuatrecasas, 1963, P!, isolectotype); Potosí, *d'Orbigny 1380*, ♀♂ (K!, W!, syntypes); Potosí, *d'Orbigny 1398*, ♂ (P!, syntype); Bolivia, *Pentland s.n.*, ♀ (K!, syntype); Potosí, *Weddell 4092* (P, 3×, syntypes); Tiguanao, *Weddell s.n.*, ♂ (P!, 4×, syntypes)

Baccharis magellanica var. *subviscosa* Kuntze, Rev. gen. 3(2): 133. 1898.

Ic: Weddell 1856, Pl. 29; Malagarriga 1977: dessin 317 (leaves); Cabrera 1978: Fig. 90; Hellwig 1990: Abb. 111-114; Müller 2006a: Fig. 29
Argentina (JU), Bolivia (CO, LP, OR, PO, TA), Chile (TA), Peru (AR, PU, TA)

Baccharis tolimensis Hieron., *Bot. Jahrb. Syst.* 21: 343. 1896. *Baccharis tricuneata* var. *tolimensis* (Hieron.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 38. 1967. Type: Colombia; "crescit in Páramo alto montis Tolima ubi floret mense Novembri ([Stuebel] coll columb. n. 235)" (B, holotype, destroyed); Colombia, Tolima, Páramo del Nevado del Tolima, 4200 m., 15 May 1932, Cuatrecasas 2906 (neotype, designated by Cuatrecasas 1967: 39)
= *Baccharis tricuneata* (L.f.) Pers.?

326. *Baccharis tomentosa* (Ruiz & Pav.) Pers., *Syn. pl.* 2: 424. 1807. *Molina tomentosa* Ruiz & Pav., *Syst. veg.* 203. 1798. Type: Peru; "in Peruviae altis frigidis in Caxatambo Provincia versus Cheuchin"; ♀♂ (G!, OXF!, P!, isotypes)
Ic.: Malagarroga 1977: dessin 351 (leaves)

Peru

Baccharis subgen. *Baccharis*

Baccharis tomentosa Bojer ex Steud., *Nomencl. bot.*, ed. 2, 1: 179. 1840 [pro syn. *Moquinia polymorpha* (Less.) DC.]

Baccharis tomentosa Thunb., *Pl. bras.* 3: 38. 1821 [non (Ruiz & Pav.) Pers. 1807]. Type: not indicated in the protologue
= ?

327. *Baccharis torricoi* Joch. Müll., *Syst. Bot. Monogr.* 76: 228. 2006. Type: Bolivia; "Potosí: Prov. Sud Chichas, Sillar Loma W Tupiza, ca. 3750 m, 21°27'S, 65°49'W, 15 Feb 2002, ♀ and ♂, Müller 9020" (JE!, holotype; BR!, E!, G!, GH!, GOET!, HBG!, L!, LPB!, M!, MICH!, MO!, NY!, P!, UPS!, isotypes)
Ic.: Müller 2006a: Fig. 88

Bolivia (CO, PO, TA)

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis toxicarius Rojas ex Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 171. 1977 [nom. nud. et non acc.]
=?

Baccharis trianae Cuatrec., *Brittonia* 8: 184. 1956. Type: Colombia; "prov. de Pasto y Túquerres: 3000 m alt. VI-1853, Triana 1295"; ♂ (P!, holotype, BR!, K!, NY!, P!, isotypes)
= *Baccharis padifolia* Hieron.

328. *Baccharis triangularis* Hauman, *Anal. Mus. Hist. Nat. Buenos Aires* 24: 428. 1913. Type: Argentina; "en mars 1912 dans les dunes près de l'embouchure du R.[io] N.[egro] (exemplaires mâles presque défleuris, aphyllés, abondamment vernissés); décembre 1911 à Rivera (à l'ouest de la province de Buenos-Aires par 37° lat. Sud, ... dans les champs de blé, en terrains sableux (exemplaires feuillus non vernissés); enfin j'en ai trouvé des échantillons femelles feuillus et non vernissés, provenant de la Sierra de la Ventana (février 1901), dans l'Herbier de Mr. C. M. Hicken"; Río Negro inférieur, dunes littorales, Feb 1912, Hauman s.n. (BR!, syntype)

Baccharis trimera var. *viscosissima* Speg., *Anal. Soc. Ci. Argent.* 48: 188. 1889.

Ic.: Cabrera 1971: Fig. 65

Argentina

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis trichoclada DC., *Prodr.* 5: 400. 1836. Type: "in Mexico ex herb. Haenke", ♀ ♂ (G-DC!, holotype)

= *Baccharis trinervis* var. *rhexioides* (Kunth) Baker

Baccharis trichotoma Klatt, *Leopoldina* 20: 91. 1884. Type: "Mexico, leg. Liebmann Nr. 55" (C, holotype, HBG!, fragment, isotype)

= *Archibaccharis trichotoma* (Klatt) G. L. Nesom

329. *Baccharis tricuneata* (L.f.) Pers., *Syn. pl.* 2: 424. 1807. *Erigeron tricuneatus* L.f., *Suppl.* 368. 1781. *Conyza tricuneata* Willd., *Sp. pl.* 3: 1946. 1803. Type: "Mexico. D. Mutis"; *Mutis "144"* (LINN-994/28, holotype); *Mutis 294*, ♀ (K!, US!, isotypes?)

Baccharis microphylla Kunth, H. B. K., *Nov. gen. sp.* 4: 55. 1818.

?*Baccharis mucuchiesensis* Hieron., *Bot. Jahrb. Syst.* 21: 342. 1895.

?*Baccharis tolimensis* Hieron., *Bot. Jahrb. Syst.* 21: 343. 1896. *Baccharis tricuneata* var. *tolimensis* (Hieron.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 38. 1967.

?*Baccharis tricuneata* var. *antioquensis* Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 39. 1967.

?*Baccharis tricuneata* var. *paramorum* Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 37. 1967.

?*Baccharis tricuneata* var. *parvifolia* Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 38. 1967.

?*Baccharis tricuneata* var. *procumbens* Cuatrec., *Rev. Acad. Colomb. Ci.* 13(49): 39. 1967.

Ic.: Aristeguieta 1964: Fig. 47; Cuatrecasas 1967: Fig. 1 (female & male style tip), Fig. 6; Cuatrecasas 1969: Fig. 61, 62; Malagarriga 1977: dessin 279 (leaves)

Colombia, Venezuela

Baccharis subgen. *Baccharis*

Baccharis tricuneata f. *angusta* Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13: 215. 1969. Type: Peru; "Ayacucho, Incahuasi, 3300, ♂, 1909-1914, Weberbauer 5826" (US, holotype)

= ?

Baccharis tricuneata var. *antioquensis* Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 39. 1967. Type: Colombia; "Antioquia, Llanos de Cuiba, páramo, 2700 m, shrub 1-1.5 m, flowers white and yellow, ♂, 22-II-1942, Metcalf & Cuatrecasas 30153" (US, holotype MO!, isotype)

= *Baccharis tricuneata* (L.f.) Pers.?

Baccharis tricuneata f. *callaensis* Cuatrec., *Proc. Biol. Soc. Wash.* 77: 140. 1964. *Baccharis tricuneata* var. *callaensis* (Cuatrec.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(50): 218. 1969. Type: "Dept. Amazonas, Prov. Chachapoyas: Uppermost slopes and summit of Cerros de Calla-Calla, near Kms. 403-407 of Balsas Leimebamba road, elev. 3400-3550 m; shrub 1.5 m, male, flowers white; occasional; 18 August 1962, J. J. Wurdack 1706" (US, holotype, P!, isotype)

= *Baccharis buxifolia* (Lam.) Pers.?

Baccharis tricuneata var. *lineata* (Cuatrec.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(50): 214. 1969

= *Baccharis buxifolia* (Lam.) Pers.?

Baccharis tricuneata var. *magellanica* (Lam.) Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13: 217. 1969.

= *Baccharis magellanica* (Lam.) Pers.

Baccharis tricuneata var. *minifolia* Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13(50): 217. 1969. Type: Bolivia; "Mandon 193: Bolivia: Omasuyos, vic. Guarina in graminosis siccis 4000 m alt, III-1859"; ♀♂ (P!, holotype, BR!, GH!, K!, NY, P!, 3×, W!, isotypes)

= *Baccharis caespitosa* (Ruiz & Pav.) Pers. *subsp. caespitosa*

Baccharis tricuneata var. *paramorum* Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13(49): 37. 1967. Type: Colombia; "Cundinamarca, macizo de Bogotá, páramo de Cruz Verde, 3150 m., ♂, ♀, 7-X-1938, J. Cuatrecasas 309" (F, holotype, P!, isotype)

= *Baccharis tricuneata* (L. f.) Pers.?

Baccharis tricuneata var. *parvifolia* Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13(49): 38. 1967. Type: Colombia; "Cundinamarca, Macizo de Bogotá, cerro entre Quebrada de las Ninfas y de Las Delicias, 3110-3180 m., frútex, flores blancas, ♂, ♀, 25-VI-1939, J. Cuatrecasas 5630" (F, holotype)

= *Baccharis tricuneata* (L. f.) Pers.?

Baccharis tricuneata var. *procumbens* Cuatrec., Rev. Acad. Colomb. Ci. 13(49): 39. 1967. Type: Colombia; "Boyacá, Nevado del Cocuy, Chorreón de San Paulino, 3750 m., ♀, 10-IX-1938, J. Cuatrecasas 1356" (US, holotype, P!, isotype)

= *Baccharis tricuneata* (L. f.) Pers.?

Baccharis tricuneata var. *pulverulenta* (Rusby) Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13: 217. 1969.

= *Baccharis linearifolia* (Lam.) Pers. *subsp. polycephala* (Wedd.) Joch. Müll.

Baccharis tricuneata var. *robusta* Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13(50): 215. 1969. Type: Peru; "San Carlos Mines, Estación 6 miles west of Huallanca, about 9000 ft; compact shrub on rock outcrops 1-2 ft high, ♀, 30-IX-1922, Macbride & Featherstone 2468" (US, holotype)

= *Baccharis buxifolia* (Lam.) Pers.?

Baccharis tricuneata var. *tolimensis* (Hieron.) Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13(49): 38. 1967.

= *Baccharis tricuneata* (L. f.) Pers.?

Baccharis tricuneata var. *variifolia* (Hieron.) Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13: 214. 1969.

= *Baccharis buxifolia* (Lam.) Pers.

330. *Baccharis tridentata* Vahl, Symb. bot. 3: 98. 1794. Type: "Habitat in Brasilia" [erroneous]; Montevideo, Commerson s.n., ♀ (C!, holotype, G!, P!, P-Lam!, isotypes)

Baccharis martiana Colla, Herb. pedem. 3: 318. 1834.

Baccharis affinis DC., Prodr. 5: 413. 1836. *Baccharis subopposita* var. *affinis* (DC.) Baker, Fl. bras. (Martius) 6(3): 91. 1882.

Baccharis subopposita DC., Prodr. 5: 413. 1836. *Baccharis tridentata* var. *subopposita* (DC.) Cabrera, Fl. Prov. Buenos Aires 6: 130. 1963.

Baccharis tweediei Hook. & Arn., J. Bot. 3: 33. 1841.

Baccharis deltoidea Baker, Fl. bras. (Martius) 6(3): 90. 1882. *Baccharis tridentata* var. *deltoidea* (Baker) Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 134. 1916.

Baccharis isabelae Soria & Zardini, Candollea 46: 537. 1991.

Ic.: Malagarriga 1977: dessin 142, 143 (leaves), dessin 365 (leaves); Cabrera 1978: Fig. 94A-E; Soria & Zardini 1991: Fig. 2; Müller 2006a: Fig. 46

Argentina (BA, CR, ER, FO, JU, MI, SA), Bolivia (CH, CO, SC, TA), Brazil (BA, DF, GO, MG, MS, MT, RJ, RS, SC, SP), Paraguay, Uruguay

Baccharis subgen. *Baccharis*

Baccharis tridentata var. *deltoidea* (Baker) Heering, Jahrb. Hamb. Wiss. Anst. 31, Beih. 3: 134. 1916.

= *Baccharis tridentata* Vahl

Baccharis tridentata var. *integrifolia* Walp., Nova Acta Acad. Caes. Leop.-Carol. Nat. Cur., Suppl. 1, 265. 1843. *Baccharis alnifolia* var. *integrifolia* (Walp.) Walp., Repert. bot. syst. 6: 136. 1847. Type: Peru; "cum priori v.s." [= "Peruvia: in planitie circa Tacoram, alt. 14-17,000 ped."]

= *Baccharis alnifolia* Meyen & Walp.?

Baccharis tridentata f. *integrifolia* Cuatrec., Mutisia 17: 12. 1953 [non *Baccharis tridentata* var. *integrifolia* Walp. 1843] Type: Colombia; "Dep. Valle: Pavas, openhills 1500-1800 m. ... Collect. Pennell 5491" (US, holotype)

= *Baccharis linearifolia* subsp. *chilco* (Kunth) Joch. Müll. (Cuatrecasas 1967, 1969, Govaerts 1996)

Baccharis tridentata var. *pluridentata* DC., Prodr. 5: 409. 1836. Type: Brazil; "circa Bahiam in dumetis legit cl. Blanchet"; Blanchet 1036, ♂ (G-DC!, holotype)

= *Baccharis linearifolia* (Lam.) Pers.

Baccharis tridentata var. *subopposita* (DC.) Cabrera, Fl. Prov. Buenos Aires 6: 130. 1963.

= *Baccharis tridentata* Vahl

Baccharis trifurcata Trevir., Nova Acta Acad. Caes. Leop.-Carol. Nat. Cur. 13: 201. 1826. *Erigeron pinnatifidus* Don, Prodr. fl. nepal. 172 1825 [non Thunb. 1800]. Type: "in Nepaliâ, Hamilton" (not seen)

= *Conyza stricta* Willd. (Malagarriga 1977, Govaerts 1996)

331. *Baccharis trilobata* A. S. de Oliveira & Marchiori, Balduinia 7: 35. 2006. Type: Brazil; "Santa Catarina, Lajes, in rupestribus dumetosis, B. Rambo, 10.I.1951. Holotypus PACA 49558" (not seen)

Baccharis pentziifolia var. *minor* G. M. Barroso, Rodriguésia 28(40): 154. 1976.

Ic.: Oliveira & Marchiori 2006: Fig. 17

Brazil (PR, SC)

Baccharis subgen. *Baccharis*

Baccharis trimera (Less.) DC., Prodr. 5: 425. 1836. *Molina trimera* Less., Linnaea 6: 141. 1831. *Baccharis genistelloides* var. *trimera* (Less.) Baker, Fl. bras. (Martius) 6(3): 40. 1882. Type: Brazil; "In Brasilia ad fretum St. Catharinae (Cham.); pr. Rio Janeiro (Beyrich)" (not seen)

= *Baccharis genistelloides* subsp. *crispa* (Spreng.) Joch. Müll.

Baccharis trimera var. *brachystachys* Heering ex Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 172. 1977 [pro syn *Baccharis brachstachys* (Baker) Malag. & Vidal]

Baccharis trimera var. *carqueja* DC., *Prodr.* 7: 282. 1838. Type: Brazil; "in Brasiliae Restinga Marcia legit augusto flor. cl. Ildef. Gomez!" (not seen)
= *Baccharis genistelloides* subsp. *crispa* (Govaerts 1996)

Baccharis trimera var. *viscosissima* Speg., *Anal. Soc. Ci. Argent.* 48: 188. 1889. Type: Argentina; "Ad marginem salinarum et in campis salsis secus Rio Negro, Febr. 1898 (C. S.)"
= *Baccharis triangularis* Hauman (Cabrera 1941, 1963, 1971, Govaerts 1996, Giuliano & Ariza Espinar 1999, Giuliano 2000)

Baccharis trimeroides Malme, *Ark. Bot.* 24A(6): 51. 1931. Type: Brazil, Rio Grande do Sul; "Quinta pr. Rio Grande oppid., in ora silvae paludosae ripae lacus Lagoa dos Patos, 19 4/4 02 (II: 1605)"; ♂ (S!, holotype)
= *Baccharis junciformis* (Less.) DC. (Heiden 2009)

332. *Baccharis trinervis* Pers., *Syn. pl.* 2: 423. 1807. *Conyza trinervis* Lam., *Encycl.* 2: 85. 1786 [non *Conyza trinervia* Mill. 1768]. *Heterothalamus trinervis* (Pers.) Hook. & Arn., *J. Bot.* 3: 43. 1841. *Pseudobaccharis trinervis* (Pers.) V. M. Badillo, *Bol. Soc. Venez. Ci. Nat.* 10: 306. 1946. *Psila trinervis* (Pers.) Cabrera, *Bol. Soc. Argent. Bot.* 5: 211. 1955. Type: Brazil; "découverte au Brésil par M. Commerson"; Sebastianopolis, Jul 1767, ♀♂ (P-Lam!, holotype, G-DC!, fragment, P!, P-Juss!, isotypes)

Baccharis laxa Gardner, *Lond. J. Bot.* 4: 121. 1845.

Baccharis pululahuensis Hieron., *Bot. Jahrb. Syst.* 29: 23. 1900.

Baccharis eggertii Hieron., *Bot. Jahrb. Syst.* 28: 588. 1901.

Baccharis chilcaura Hieron., *Bot. Jahrb. Syst.* 36: 477. 1905.

Baccharis trinervis f. *paulensis* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 86. 1916.

Pseudobaccharis trinervis var. *paulensis* (Heering) Malag., *Contr. Inst. Geobiol. La Salle* 2: 47. 1952. *Pseudobaccharis trinervis* f. *paulensis* (Heering) Malag., *Contr. Inst. Geobiol. La Salle* 2: 35. 1953.

Baccharis mattogrossensis Heering ex Malme, *Ark. Bot.* 24A(8): 36. 1932.

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis trinervis* Pers. var. *trinervis

Brazil (RJ), Paraguay

Baccharis trinervis var. *cinerea* (DC.) Baker, *Fl. bras. (Martius)* 6(3): 73. 1882.

= *Baccharis cinerea* DC.

Baccharis trinervis* var. *debilis (Rusby) Joch. Müll., *Syst. Bot. Monogr.* 76: 172. 2006.

Baccharis debilis Rusby, *Mem. Torrey Bot. Club* 6: 60. 1896. Type: Bolivia; "Between Guanai and Tipuani, April-June 1892 (1457)"; ♀♂, *Bang 1457* (NY!, lectotype, designated by Müller 2006a: 172, E!, G!, 3×, GH!, 2×, HBG!, K!, M!, MICH!, NY!, US!, W!, WU!, isotypes)

Ic.: Müller 2006a: Fig. 62

Argentina (CR, JU, SA), Bolivia (BE, CH, CO, LP, PA, SC, TA), Paraguay, Peru (CA, CU, HU, SM), Venezuela (AR, ME)

Baccharis trinervis f. *paulensis* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 86. 1916.

Pseudobaccharis trinervis var. *paulensis* (Heering) Malag., *Contr. Inst. Geobiol. La Salle* 2:

47. 1952. *Pseudobaccharis trinervis* f. *paulensis* (Heering) Malag., *Contr. Inst. Geobiol. La Salle* 2: 35. 1953. Type: Brazil; "Sao Paulo: Campinas (Heiner n. 87)" (not seen)
= *Baccharis trinervis* Pers.

Baccharis trinervis var. *paulensis* Malag., *Contr. Inst. Geobiol. La Salle* 2: 47. 1952 [pro syn. *Pseudobaccharis trinervis* var. *paulensis* (Heering) Malag.]

Baccharis trinervis var. **rhexioides** (Kunth) Baker, *Fl. bras. (Martius)* 6(3): 73. 1882. *Baccharis rhexioides* Kunth, *H. B. K., Nov. gen. sp.* 4: 66. 1818. *Molina rhexioides* (Kunth) Less., *Linnaea* 6: 406. 1831. *Pseudobaccharis rhexioides* (Kunth) V. M. Badillo, *Bol. Soc. Venez. Ci. Nat.* 10: 306. 1946. Type: Peru; "in Andibus Peruvianorum juxta Montan, alt. 1400 hex."; ♀ (P-HBK!, holotype, B-Willd-15571-1!, P, isotypes)

Conyza trinervia Mill., *Gard. dict.*, ed. 8: no. 12. 1768 [non *Baccharis trinervis* Pers.]

Baccharis venusta Kunth, *H. B. K., Nov. gen. sp.* 4, 66. 1818.

Baccharis divergens DC., *Prodr.* 5: 400. 1836.

Baccharis oxyphylla DC., *Prodr.* 5: 400. 1836.

Baccharis trichoclada DC., *Prodr.* 5: 400. 1836.

Eupatorium trinervatum Sessé & Moc., *Pl. nov. hisp.* 134. 1889.

Baccharis rhexioides var. *parvifolia* Hieron., *Bot. Jahrb. Syst.* 28: 588. 1901.

Baccharis rhexioides var. *angustifolia* Hieron., *Bot. Jahrb. Syst.* 36: 478. 1905.

Ic.: Cuatrecasas 1967: Fig. 9 (leaf); Cuatrecasas 1969: Fig. 2 bis, 64, 66; Malagarriga 1977: dessin 5 (leaf), dessin 6 (leaf), dessin 7 (leaf), dessin 10 (leaves), dessin 157 (leaf); Cabrera 1978: Fig. 98; Müller 2006a: Fig. 60

Argentina (MI), Bolivia (BE, CH, CO, LP, PA, SC, TA), Brazil (AC, BA, CE, ES, GO, MG, MS, MT, PE, PR, RJ, RO, RS, SC, SP), Colombia (CL, CU, HU, MA, NA, NS, VA), Costa Rica, Ecuador (BO, CA, CH, CO, GU, IM, MA, MS, NA, OR, PA, PI, RI, TU, ZC), Guatemala, Mexico (SL, VE), Nicaragua, Panama, Paraguay, Peru (AM, CA, CU,, LA LL, LO, PI, SM), Trinidad and Tobago, Uruguay, Venezuela (DF, FA, ME, TR)

333. Baccharis trineura Soria & Zardini, *Candollea* 56: 116. 2001. *Vernonia triplinervia* Spreng., *Syst. veg.* 3: 435. 1826. *Polypappus triplinervis* (Spreng.) Less., *Syn. comp.* 204. 1832. *Baccharis triplivervia* (Spreng.) Baker, *Fl. bras. (Martius)* 6(3): 79 [non DC. 1836]. 1882. Type: "Brasil. Sello"; *Sellow 816*, ♀♂ (P!, holotype, BR!, G!, W!, isotypes)

Ic.: Baker 1882, Tab. xxix; Malagarriga 1977: dessin 28 (leaves)

Brazil (SP)

Baccharis subgen. *Baccharis*

Baccharis trinitensis Kuntze, *Rev. gen.* 1: 319. 1891. Type: Trinidad and Tobago; "San Fernando auf Trinidad" (not seen)

= *Ayapana trinitensis* (Kuntze) R. M. King & H. Rob., *Phytologia* 20: 212. 1970

Baccharis triplinervia DC., *Prodr.* 5: 404. 1836. Type: "in Brasiliae prov. Minarum generalium ad Mariannam legit cl. Vauthier (pl. exs. n. 271)"; ♀ (G-DC!, holotype, G!, isotype)

= *Baccharis oxydonta* DC.

Baccharis triptera Mart., *Mat. med. bras.* 43. 1843. Type: ?

= *Baccharis genistelloides* subsp. *crispa* (Spreng.) Joch. Müll. (Baker 1882; Arechalaveta 1907)

Baccharis tripterix Poepp. ex *Prodr.* 5: 425. 1836 [pro syn. *Baccharis sagittalis* var. *poepigii* DC.]

334. *Baccharis truncata* Gardner, London J. Bot. 7: 82. 1848. Type: Brazil; "4903 ... Open rocky places in the Diamond district. Aug., 1840" (not seen)

Ic.: Malagarriga 1977: dessin 27 (leaves)

Brazil (BA, MG)

Baccharis subgen. *Baccharis*

Baccharis truncata Phil., *Linnaea* 33: 148. 1864 [non Gardner 1848].

≡ ***Baccharis rhomboidalis* subsp. *truncata*** (Heering) F. H. Hellw.

Baccharis truncata var. *microphylla* Glaz., *Mém. Soc. Bot. France* 3: 404. 1910 [nom. nud.] Original material: Brazil; "Biribiry, au Mocotó près Diamantina, Minas, n° 19508" (not seen)

= ?

335. *Baccharis tucumanensis* Hook. & Arn., J. Bot. 3: 34. 1841. Argentina; "Sides of the mountain St Xavier, Tucuman, just above the woods. Tweedie (n. 1099 and 1184)"; *Tweedie 1199* [sic!] (K!, lectotype, designated by Müller 2006a: 54)

Baccharis myrtilloides Griseb., *Abhandl. Königl. Ges. Wiss. Göttingen* 19: 176. 1874.

Baccharis tucumanensis var. *myrtilloides* (Griseb.) Cabrera, *Fl. Prov. Jujuy* 10: 221. 1978.

Baccharis myrtilloides f. *angustifolia* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 128. 1916. *Baccharis tucumanensis* var. *angustifolia* (Heering) Cabrera, *Fl. Prov. Jujuy* 10: 223. 1978.

Ic.: Malagarriga 1977: dessin 29; Cabrera 1978: Fig. 95; Müller 2006a: Fig. 10

Argentina (CA, CO, JU, LR, SA, SL, TU), Bolivia (TA)

Baccharis subgen. *Baccharis*

Baccharis tucumanensis var. *angustifolia* (Heering) Cabrera, *Fl. Prov. Jujuy* 10: 223. 1978.

= ***Baccharis tucumanensis*** Hook. & Arn.

Baccharis tucumanensis var. *myrtilloides* (Griseb.) Cabrera, *Fl. Prov. Jujuy* 10: 221. 1978.

= ***Baccharis tucumanensis*** Hook. & Arn.

Baccharis tweediei Hook. & Arn., J. Bot. 3: 33. 1841. Type: Argentina, Brazil; "Maldonado, S. Brazil. Tweedie. El Biscachera in the Pampas of Buenos Ayres. Dr Gillies"; Maldonado, ♀♂, *Tweedie 977* (E!, K!, syntypes)

= ***Baccharis tridentata*** Vahl

336. *Baccharis uleana* Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 139. 1977. Type: Brazil; "Leg. E. Ule No. 1510 in Estive dos Pregos - Tubarau (Sta. Catarina-Brasil)" (P, holotype)

Ic.: Malagarriga 1977: dessin 368 (leaves)

Brazil (RS, SC)

Baccharis subgen. *Tarconanthoides* Heering

337. *Baccharis ulicina* Hook. & Arn., J. Bot. 3: 38. 1841. *Neomolina ulicina* (Hook. & Arn.) F. H. Hellw., *Candollea* 48: 213. 1993. Type: Argentina; "Woods of Cordova ([Tweedie] n. 1123), and in N. Patagonia"; *Tweedie 1123* (K!, syntype)

Baccharis strobiliana Ces., *Atti R. Accad. Sci. Fis. Mat.* 5: 12. 1871.

Vittadinia multifida Griseb., *Abh. Königl. Ges. Wiss. Göttingen* 19: 123. 1874. *Baccharis ulicina* var. *multifida* (Griseb.) Kuntze, *Rev. gen.* 3(2): 135. 1898.

Baccharis pinnatifida Klatt, *Abh. Naturf. Ges. Halle* 15: 327. 1881.

Ic.: Cabrera 1963: Fig. 29; Cabrera 1971: Fig. 67; Ariza 1973: Fig. 32; Cabrera 1974: Fig. 148; 1978: Fig. 96; Müller 2006a: Fig. 102

Argentina (BA, CO, CR, ER, JU, LP, RN, SA), Bolivia (CH, CO, PO, SC, TA)

Baccharis subgen. *Pteronioides* Heering

Baccharis ulicina var. *humilis* Hook. & Arn., *J. Bot.* 3: 38. 1841 [nom. nud.] Original material: Argentina; "dry bare places of the Pampas (n. 1118). Tweedie" (K!)
= *Baccharis ulicina* Hook. & Arn.

Baccharis ulicina var. *multifida* (Griseb.) Kuntze, *Rev. gen.* 3(2): 135. 1898. *Vittadinia multifida* Griseb., *Abh. Königl. Ges. Wiss. Göttingen* 19: 123. 1874. Type: Argentina; "Cordoba, ad ripam fl. Rio Primero pr. urbem" (GOET!, holotype)
= *Baccharis ulicina* Hook. & Arn.

Baccharis ulicina var. *subintegrifolia* Kuntze, *Rev. gen.* 3(2): 135. 1898. Type: Argentina; "Cordoba, Ischilin, Paso Cruz 1500 m (No. 91)"; Paso Cruz, Kuntze s.n. (NY!, lectotype, designated by Müller 2006a: 256); Córdoba, Kuntze s.n. (HBG!, fragment, NY!, 2×, syntypes); Ischilien, Kuntze s.n. (NY!, syntype)
= *Baccharis darwinii* Hook. & Arn.

Baccharis ulmifolia Burm. f., *Prodr. fl. cap.* 26. 1768. Type: not indicated in the protologue (not seen)
= *Conyza incisa* Aiton (Steudel 1840, Govaerts 1996)

338. *Baccharis umbellata* G. Heiden & Ribas, *Phytotaxa* 49: 24. 2012. Type: Brazil; Paraná, Antonina, Serra Ibitiraquire, Pico Paraná, 1922 m, Ribas & Ditttrich 2183, ♂ (MBM, holotype, US, isotype).

Ic.: Heiden & Ribas 2012

Brazil (PR)

Baccharis subgen. *Baccharis*

Baccharis umbelliformis DC., *Prodr.* 5: 410. 1836.

≡ *Baccharis obovata* subsp. *umbelliformis* (DC.) F. H. Hellw.

Baccharis umbelliformis f. *frigida* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, *Beih.* 3: 156. 1916 [nom. inval. (Art. 26.2)]

≡ *Baccharis obovata* subsp. *umbelliformis* (DC.) F. H. Hellw.

Baccharis umbelliformis var. *ocellata* (Phil.) Heering, *Anales Univ. Chile* 111: 168. 1902.

≡ *Baccharis poeppigiana* subsp. *ocellata* (Phil.) F. H. Hellw.

Baccharis umbelliformis var. *poeppigiana* (DC.) Heering, *Anales Univ. Chile* 111: 168. 1903.

≡ *Baccharis poeppigiana* DC.

339. *Baccharis uncinella* DC., *Prodr.* 5: 415. 1836. Type: Brazil; "in Brasiliae prov. Sancti-Pauli. ... (v. s. in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 470 miss.)"; Sellow 276 = *M. I. B.* 470, ♂ (P!, holotype)

Baccharis discolor Baker, *Fl. bras. (Martius)* 6(3): 48. 1882.

Ic.: Malagarriga 1954 (leaf); Barroso 1976: Fig. 75 (leaf); Malagarriga 1977: dessin 60, dessin 353 (leaves)

Brazil (MG, PR, RJ, RS, SC, SP)

Baccharis subgen. *Baccharis*

340. *Baccharis uniflora* (Ruiz & Pav.) Pers., Syn. pl. 2: 425. 1807. *Molina uniflora* Ruiz & Pav., Syst. veg. 208. 1798. Type: Peru; "in collibus aridis Tarmae oppidi ad Curis, Huichay et Tarmatambo tractus"; Tarma, 1794, *Ruiz & Pavón s.n.*, ♀ (G!, MA!, OXF!, isotypes)

Baccharis grindeliifolia Wedd., Chlor. and. 1: 176. 1856.

Peru

Baccharis subgen. *Pteronioides* Heering

341. *Baccharis urvilleana* Brongn., in Duperrey, Bot. voy. Coq., Atlas, Phan.: t. 61. 1826. Type: Brazil, *Dumont-d'Urville 119a*, ♀♂ (P!, holotype, K!, P!, 2×, isotypes)

Baccharis muelleri Baker, Fl. bras. (Martius) 6(3): 61. 1882.

Ic.: Brongniart 1826, t. 61; Macloskie 1906, Pl. xxxi; Barroso 1976: Fig. 6, 22, 23, 27, 28 (hairs), 44 (pappus bristle); Malagarriga 1977: dessin 45 (leaves), dessin 373 (leaf)

Brazil (RS, SC)

Baccharis subgen. *Baccharis*

Baccharis usterii Heering, in Usteri, Fl. Stadt S. Paulo 259. 1911. Type: Brazil; "S. Anna locis humidis specimen unicum inveni"; 28.X.1906, Usteri s.n. (HBG!, holotype)

= *Baccharis junciformis* (Less.) DC. (Heiden 2009)

Baccharis ustulata Benth., Pl. hartweg. 202. 1845. Type: Ecuador; "In declivitate montis Pichincha, versus Lloa"; Hartweg 1120, ♂ (K, holotype, BR!, G!, 3×, P!, 2×, W!, isotypes)

= *Baccharis teindalensis* Kunth

342. *Baccharis vacciniifolia* Cuatrec., Rev. Acad. Colomb. Ci. Exact. Fís. Nat. 13(49): 29. 1967. Type: Colombia; "Cundinamarca, Cord. Or.: Macizo de Bogotá, vertiente oriental: páramo de Palacio, quebrada de Casarreales, páramo, 3450 m. alt.; frutex 1 m., ... 14-[?]-59, ♀, J. Cuatrecasas, M. T. Murillo & R. Jaramillo 25639" (US, holotype)

Ic.: Cuatrecasas 1967: Fig. 1: (male style tip), Fig. 6, Fig. 7; Cuatrecasas 1969: Fig. 62, 63; Malagarriga 1977: dessin 193 (leaf)

Colombia

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis vaccinioides Kunth, H. B. K., Nov. gen. sp. 4: 50. 1818. Type: Mexico; "regione temperata Regni Mexicani prope Moran, alt. 1331 hex." (P-HBK!, holotype)

= *Baccharis conferta* Kunth

Baccharis vaccinioides Gardner, Lond. J. Bot. 4: 121. 1845 [non Kunth 1818].

≡ *Baccharis pseudovaccinioides* Malag.

Baccharis vahlii DC., Prodr. 5: 411. 1836 [nom. superfl.]

≡ *Baccharis dioica* Vahl

Baccharis valdiviana Phil., Linnaea 28: 738. 1856. Type: Chile; "in interiore provincia Valdivia" (SGO, holotype)

= *Baccharis lycioides* Remy (Reiche 1903, 1905, Heering 1904b, Hellwig 1990, Govaerts 1996, Giuliano 2000)

343. *Baccharis vanessae* R. M. Beauch., Phytologia 46: 216. 1980. Type: USA; "California: San Diego County: In Chaparral on Eocene sandstone along the north side of Encinitas Boulevard, 0.6 Km west of El Camino Real, elevation 90 meters, lat. 33° 02' 50" long. 117°

20' W, 24 October 1976, Beauchamp 4250"; ♀♂ (SD, holotype, CAS!, RSA!, 3×, UC!, US!, isotypes)

Ic.: Sundberg 1993: 211

USA (CA)

Baccharis subgen. *Pteronioides* Heering?

Baccharis variabiliflora Deble & A. S. Oliveira, *Balduinia* 40: 23. 2013. Type: Brazil; Minas Gerais, Ouro Preto, 13 Sep 1964, Pereira & al. 9231 (HB, holotype, MBM, isotype)
= *Baccharis linearifolia* (Lam.) Pers.

Baccharis varians Gardner, *London J. Bot.* 7: 84. 1848. *Baccharis rufescens* var. *varians* Baker, *Fl. bras. (Martius)* 6(3), 63. 1882. Type: Brazil; "In dry Campos near Villa de Arrayas, Province of Goyaz (3839), and near Formigas, Province of Minas Geraes (4913). April and July, 1840"; ♀, Gardner 3839 (P!, 2×, lectotypes, designated by Malagarriga 1958: 294, G!, 3×, W!, syntypes); Gardner 4913, ♀ (G!, W!, syntypes)
= *Baccharis linearifolia* (Lam.) Pers.

Baccharis variifolia Hieron., *Bot. Jahrb. Syst.* 28: 591. 1901. *Baccharis tricuneata* var. *variifolia* (Hieron.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13: 214. 1969. Type: Ecuador; "in fruticetis densis inter Huintúl et Páramo de Huaira-caja montium centralium ditionis Cuenca, alt. s. m. 2800-3000 m, mense Octobri et Novembri florens (L.[ehmann] n. 5695)"; ♂ (B!, holotype, destroyed, K!, lectotype, designated by Cuatrecasas 1969)
= *Baccharis buxifolia* (Lam.) Pers.

Baccharis vauthieri DC., *Prodr.* 5: 409. 1836. Type: Brazil; "in Brasiliae prov. Minarum general. ad Tejucco legit cl. Vauthier (pl. exs. n. 328)"; ♂ (G-DC!, holotype, G!, P!, 2×, isotypes)
= *Baccharis reticularia* DC.

Baccharis velutina DC., *Prodr.* 5: 415. 1836. Brazil; "in Brasiliae prov. Rio-Grande. ... (v. s. in h. Mus. reg. Par. à Mus. imp. Bras. ... sub n. 995, ... sub n. 819 miss.)"; Sellow d1978 =? M. I. B. 995, ♂ (P!, lectotype, "955", designated by Malagarriga 1958: 288, G-DC!, fragment, isolectotype); Sellow s.n. = M. I. B. 819, ♀ (G-DC!, P!, syntypes)
= *Baccharis ochracea* Spreng.

Baccharis veneta Kunth, *H. B. K., Nov. gen. sp.* 4: 68. 1818. Type: Mexico; "in declivitate montium soli occidentali observorum prope Cuernavaca, alt. 850 hex." (P-HBK!, holotype)
= *Haplopappus venetus* (Kunth) S. F. Blake

Baccharis venosa (Ruiz & Pav.) Pers., *Syn. pl.* 2: 425. 1807. *Molina venosa* Ruiz & Pav., *Syst. veg.* 212. 1798. *Baccharis genistelloides* var. *venosa* (Ruiz & Pav.) Cuatrec., *Anales Univ. Madrid (Ci.)* 4(2): 211. 1935. Type: Peru; "in Chinchao, Panao, Muna, Huanuci et Tarmae argillosis collibus"; ♀♂ (MA!, lectotype, designated by Cabrera 1960, B!, 2×, G!, 3×, MA!, isolectotypes)
= *Baccharis genistelloides* (Lam.) Pers. *subsp. genistelloides*

Baccharis venosa var. *apiciflora* Hieron., *Bot. Jahrb. Syst.* 36: 483. 1905. Peru; "crescit inter Marcapampa et Cutervo (J[elski]. n. 803, m. Junio 1879)" (not seen)
= *Baccharis genistelloides* (Lam.) Pers. *subsp. genistelloides*

Baccharis ventanicola (Cabrera) Soria & Zardini, *Candollea* 46: 539. 1991.

= *Baccharis linearifolia* (Lam.) Pers.

Baccharis venulosa DC., *Prodr.* 5: 421. 1836. Type: Peru; "in Peruviae montibus Orinocensibus legit cl. Haenke"; ♀♂ (G-DC!, holotype, M!, P!, isotypes)

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.

Baccharis venulosa var. *cuspidibracteata* Steyerl., *Fieldiana, Bot.* 28: 624. 1953. Type: Venezuela; "in rich moist woods at base of Páramo de Tamá, 4-10 kms. above Betania, state of Táchira, alt. 2500-2895 m., July 15, 1944, Julian A. Steyerl. 57298" (F, holotype)

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers. (Govaerts 1996, Pruski 1997)

Baccharis venulosa var. *oblanceolata* Hieron., *Bot. Jahrb. Syst.* 28: 592. 1901. *Baccharis brachylaenoides* var. *oblanceolata* (Hieron.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 66. 1967. Type: Ecuador, Venezuela; "Ecuador: frequentissime occurrit inter fruticeta prope Loja, alt. s. m. 2000-2400 m (L.[ehmann] n. 4891, specimina feminea). Venezuela: crescit prope Merida (Moritz n. 1364, specimina feminea)" [not seen]

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.

Baccharis venulosa var. *occigranatensis* Cuatrec., *Mutisia* 17: 12. 1953. *Baccharis brachylaenoides* subsp. *occigranatensis* (Cuatrec.) Cuatrec., *Rev. Acad. Colomb. Ci. Exact. Fís. Nat.* 13(49): 69. 1967. *Baccharis brachylaenoides* var. *occigranatensis* (Cuatrec.) Cuatrec., *Webbia* 24(1): 287. 1969. Type: Colombia; "Dep. Valle: Cordillera Occidental, Los Farallones, vert. NW en Quebrada del Ratón: Mina El Diamante 2950-3000 m. alt. ... Specimen masculum. Colect. 30-VII-1946, J. Cuatrecasas 21769-A, ♂ (F, holotype, P!, isotype)

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.

Baccharis venulosoides Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 139. 1977. Type: Peru; "Leg. J. J. Wurdack No. 1645. 8.8.1962 in Peruvia (Departamento de Amazonas - Provincia de Chachapoyas), 2700-3100 m alt."; ♂ (P, holotype, GH!, isotype)

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.

Baccharis venusta Kunth, *H. B. K., Nov. gen. sp.* 4, 66. 1818. Type: Venezuela; "in Nova Andalusia juxta coenobium Caripense; item in sylvis Orinocensibus"; Caripe, Humboldt & Bonpland 307, ♀ (P-HBK!, lectotype, designated by Müller 2006a: 169); Orinoco, ♀ (P-HBK!, syntype)

= *Baccharis trinervis* var. *rhexioides* (Kunth) Baker

Baccharis verbenifolia Hook. & Arn., *J. Bot.* 3: 26. 1840 ["verbenaefolia", pro syn. *Baccharis hirta* DC.]

344. *Baccharis vernalis* F. H. Hellw., *Mitt. Bot. Staatssamml. München* 29: 338. 1990. Type: Chile; "IV. Region, de Coquimbo, an der Carretera Panamericana, 23 km südlich des Abzweigs nach Ovalle, nahe Quebrada de Talinay, 8.10.1985, F. Hellwig 6571" (M, holotype, JE!, isotype)

Baccharis concava var. *floribunda* Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 124. 1916. Ic.: Hellwig 1990: Abb. 128-132

Chile

Baccharis subgen. *Baccharis*

345. *Baccharis vernicosa* Hook. & Arn., *J. Bot.* 3: 28. 1840. Type: "Uruguay, in marshy woods. Tweedie" (K!, holotype)

Argentina, Uruguay
Baccharis subgen. *Baccharis*

Baccharis vernicoso-splendida Herzog, *Veget. Erde* 15: 176. 1923 [nom. nud.] Original material: not indicated in the "protologue"; Bolivia, Chocayatal bei Cochabamba, Herzog 2463, ♂ (B!, L!, M!)

= *Baccharis pentlandii* DC. subsp. *pentlandii*

Baccharis vernonioides DC., *Prodr.* 5: 422. 1836. Type: Brazil; "in Brasiliae prov. Minarum General. ad Mariannam legit cl. Vauthier (pl. exs. p. 265)"; Vauthier 268 [sic!], ♀ (G-DC!, holotype, G!, P!, 2×, W!, isotypes)

= *Baccharis rufidula* (Spreng.) Joch. Müll.

Baccharis vernonioides var. *obovata* Heering ex Malag., *Contr. Inst. Geobiol. La Salle Canoas* 2: 33. 1952 [nom. nud.] Original material not indicated in the "protologue"

= *Baccharis rufidula* (Spreng.) Joch. Müll.?

Baccharis villosa Vahl, *Symb. bot.* 3: 98. 1794. Type: "Habitat in monte Chadra Arabiae felicis. Forsk." (BM!, isotype)

= *Conyza pyrhopappa* Sch. Bip. ex A. Rich.

Baccharis villosa Heering, *Jahrb. Hamb. Wiss. Anst.* 3, Beih. 3: 25. 1904 [non Vahl 1790].

≡ *Baccharis pseudovillosa* Malag.

Baccharis viminea DC., *Prodr.* 5: 400. 1836. Type: USA; "in California legit cl. Douglas"; Douglas 48, ♂ (G-DC!, holotype)

= *Baccharis salicifolia* (Ruiz & Pav.) Pers.

Baccharis viminea var. *atwoodii* S. l. Welsh, *Utah Fl. (ed. 3)*: 149. 2003. Type: USA, Utah, Atwood & al. 22406 (BRY, holotype)

= *Baccharis salicifolia* (Ruiz & Pav.) Pers.

346. *Baccharis vincifolia* Baker, *Fl. bras. (Martius)* 6(3): 83. 1882 ["vincaefolia"]. Type: Uruguay; "prope Montevideo: Sello n. 453! 3173!"; ♂, Sellow 3173 (K!, holotype, GH!, isotype) [label of the holotype at K also contains no. 453]

Brazil (PR, RS, SC, SP), Uruguay

Ic.: Heiden & al. 2009a: Fig. 19

Baccharis subgen. *Molina* (Pers.) Heering

Baccharis virens D. Don ex F. H. Hellw., *Mitt. Bot. Staatssamml. München* 29: 217. 1990 [nom. nud. et non acc.]

= *Baccharis obovata* Hook. & Arn.?

Baccharis virens foliosa Gill. ex F. H. Hellw., *Mitt. Bot. Staatssamml. München* 29: 217. 1990 [pro syn. *Baccharis obovata* Hook. & Arn.]

Baccharis virgata Bojer ex DC., *Prodr.* 5: 385. 1836 [pro syn. *Conyza virgata* DC.]

Baccharis viscosa Lam., *Encycl.* 1: 345. 1783. Type: France, Réunion, Mauritius; "Isles de France & de Bourbon, & nous a été communiqué par M. Sonnerat"

= *Psiadia integerrima* DC. (Malagarriga 1977, Govaerts 1996)

Baccharis viscosa Walt., *Fl. carol.* 202. 1788 [non Lam. 1783]. Type: not indicated in the protologue (not seen)

= *Pluchea bifrons* DC. (De Candolle 1836, Malagarriga 1977, Govaerts 1996)

Baccharis viscosa (Ruiz & Pav.) Kuntze, *Rev. gen.* 1: 320. 1891 [nom. superfl., non Lam. 1783, nec Walt. 1788]

≡ *Baccharis glutinosa* Pers.

Baccharis viscosa var. *nigricans* Kuntze, *Rev. gen.* 1: 320. 1891. Type: Venezuela: Venezuela: "Silla de Caracas 2000 m" (NY, holotype)

= *Baccharis salicifolia* (Ruiz & Pav.) Pers. (Malagarriga 1977, Giuliano & Ariza Espinar 1999, Giuliano 2000) [doubtful, since this species was not recorded in Venezuela]

Baccharis vismioides DC., *Prodr.* 5: 412. 1836. Type: Brazil; "in Brasiliae prov. Sancti-Pauli. ... (v. s. in h. Mus. reg. Par. à Mus. imp. Bras. sub n. 478 miss.)"; Sellow s.n. = M. I. B. 478, ♂ (P!, holotype, G-DC!, fragment, isotype)

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.

Baccharis vitis-idaea Oliv. ex Thurn, *Timehri* 5: 197. 1886 ["ideaea"]. Type: Roraima, ledge 7300 ft. and summit (not seen)

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.

Baccharis vitis-idaea Kuntze, *Rev. gen.* 3(2): 135. 1898 [non Oliv. ex Thurn 1886]. *Baccharis kuntzeana* Malag., *Contrib. Inst. Geobiol. La Salle* 2: 46. 1952. Type: Bolivia; "4000 m zwischen Oruro und Rio Tapacari"; ♂ (NY!, holotype)

= *Baccharis papillosa* Rusby *subsp. papillosa*

Baccharis volckmannii Phil., *Linnaea* 33: 147. 1864 ["volckmanni"]. Type: Chile; "in Andibus prov. Coquimbo: Cordillera de Dona Rosa, Rio Raspel etc. Volckmann"; Cord. D. R. u. Rio Rapel, Herbarium Chilense, purchased of Mr. E. C. Reed, Dec. 1873 (K, lectotype, designated by Hellwig 1990)

= *Baccharis linearis* × *neaei*

Baccharis volckmannii *subsp. hybrida* F. H. Hellw., *Mitt. Bot. Staatssamml. München* 29: 424. 1990. Type: Chile; "VII. Region, del Maule, Weg zur Laguna del Maule, ca. 1500 m, 6.4.1986, Hellwig 5325" (M, holotype, JE!, isotype)

= *Baccharis linearis* × *neaei*

347. *Baccharis volubilis* Kunth, H. B. K., *Nov. gen. sp.* 4: 57. 1818. *Neomolina volubilis* (Kunth) F. H. Hellw., *Candollea* 48: 213. 1993. Type: Peru; "locis frigidissimis Andium Peruvianorum in radicibus Parami de Guamani juxta flumen Chulucanas, alt. 1720"; *Humboldt & Bonpland* 3511, ♀ (P-HBK!, holotype, B-Willd-15586!, P!, fragment, isotypes) Ecuador (AZ, CN, LO), Peru (AM, SM)

Baccharis subgen. *Pteronioides* Heering

Baccharis vulneraria Baker, *Fl. bras. (Martius)* 6(3): 75. 1882. *Archibaccharis vulneraria* (Baker) Heering ex Malag., *Contr. Inst. Geobiol. La Salle* 2: 23. 1952. Type: Brazil; "in prov. Minas Geraes ad Lagoa Santa: Warming! Widgren n. 258; in Mato Grosso ad Cuyabá: Manso n. 133! 134!; in Rio Grande do Sul, ubi Erva Santa tanquam vulneraria in usum incolarum vocatur: Padre Santa Barbara!; praetera legit Pohl n. 3711!"; Warming s.n. (P!,

lectotype, designated by Malagarriga 1958: 277); Pohl 3711 (M!, syntype); Santa Barbara s.n. (BR!, syntype); Widgren 258 (P!, syntype)
= *Baccharis glutinosa* Pers.

348. *Baccharis wagenitzii* (F. H. Hellw.) Joch. Müll., Syst. Bot. Monogr. 76: 306. 2006. *Heterothalamus wagenitzii* F. H. Hellw., Haussknechtia 9: 135. 2003. *Heterothalamulopsis wagenitzii* (F. H. Hellw.) Deble, A. S. Oliveira & Marchiori, Ci. Flor, 14(1): 1-7. 2004. Type: Brazil, Rio Grande do Sul; "Taimesinho p. S. Fr. de Paula; in rupestribus dumetosis; 13.11.1953; Rambo 54522"; ♀ (B!, holotype)
Ic.: Hellwig 2003: Fig. 1, 2; Deble & al. 2004
Brazil (RS, SC)
Baccharis subgen. *Molina* (Pers.) Heering

Baccharis walpersiana D. Dietr., Syn. pl. 4: 1447. 1847.
= *Baccharis singularis* (Vell.) PersG. M. Barroso

Baccharis weddelliana Hieron., Bot. Jahrb. Syst. 21: 345. 1895. Type: Colombia; "crescit in Páramo de Pasca prov. Cundinamarca, alt. s. m. 3700-3800 m, ubi floret mense Junio ([Stuebel] coll. columb. n. 132)" (B, holotype, destroyed)
= *Baccharis revoluta* Kunth (Cuatrecasas 1967, 1969, Malagarriga 1977, Govaerts 1996)

Baccharis weddellii Sch. Bip. ex Baker, Fl. bras. (Martius) 6(3): 63. 1882 [pro syn. *Baccharis rufescens* var. *tenuifolia* Baker]

Baccharis weirii Baker, Fl. bras. (Martius) 6(3): 67. 1882. *Baccharis megapotamica* var. *weirii* (Baker) G. M. Barroso, Rodriguésia 28(40): 102. 1976. Type: Brazil; "in campis Brasiliae meridionalis, in prov. S. Paulo etc.: Weir n. 509! Sello n. 457! 1202! 1208! 2961! 3894! etc." (not seen)
= *Baccharis megapotamica* Spreng.

Baccharis wendlandii Steud., Nomencl. bot., ed. 2, 1: 179. 1840 [nom. nud.]
= ?

Baccharis williamsii Phil., Anales Univ. Chile 87: 701. 1894. *Baccharis solieri* var. *williamsii* (Phil.) Heering, Anales Univ. Chile 111: 170. 1903. Type: Chile; "ad lacum Mondaca in Andibus provinciae Talca legerunt Fr. Philippi et Ernestus Williams" (SGO, holotype)
= *Baccharis neaei* DC. (Hellwig 1990, Govaerts 1996)

Baccharis wilsoniana Malag., Bol. Inst. Geobiol. Canoas 2: 11. 1949. Type: Brazil; São Paulo, Parque do Estado, 23 Mar 1946, Hoehne 1931 (RB, lectotype, designated by Heiden & al. 2010: 42)
= *Baccharis microdonta* DC. (Barroso 1976, Govaerts 1996, Oliveira & Marchiori 2006)

349. *Baccharis woodii* Joch. Müll., Syst. Bot. Monogr. 76: 236. 2006. Type: Bolivia; "Potosí: Prov. Saavedra, Millares-Pampa Soico, ca. 2300 m, 19°25.5'S, 65°11'W, 17 Mar 2002, ♀ and ♂, Müller 9366" (JE!, holotype; BR!, E!, G!, GH!, GOET!, HBG!, LPB!, M!, MICH!, MO!, NY!, P!, UPS!, isotypes)
Ic.: Müller 2006a: Fig. 92
Bolivia (PO)
Baccharis subgen. *Molina* (Pers.) Heering

350. Baccharis wrightii A. Gray, *Smiths. Contr. Knowl.* 3(5): 101. 1850. *Neomolina wrightii* (A. Gray) F. H. Hellw., *Candollea* 48: 214. 1993. Type: USA; "Valley of the Limpia; Aug." (GH, holotype)

Baccharis wrightii var. *pyrrhopappa* A. Gray, *Smiths. Contr. Knowl.* 5(6): 84. 1853.

Ic.: Matuda 1957: Fig. 13-14; Malagarriga 1977: dessin 282 (leaf); Cronquist 1994

Mexico (CH, DU, SO), USA (AR, CO, KA, NM, OK, TX, UT)

Baccharis subgen. *Pteronioides* Heering

Baccharis wrightii var. *pyrrhopappa* A. Gray, *Smiths. Contr. Knowl.* 5(6): 84. 1853. Type: USA; "Prairies from Rainwater Creek to Rock Creek, around Prairie-dog towns; June. ([Wright]1403.)" (not seen)

= *Baccharis wrightii* A. Gray (Blake 1926, Mahler & Waterfall 1964, Govaerts 1996)

Baccharis wurdackiana Malag., *Mem. Soc. Ci. Nat. La Salle* 37(107): 138. 1977. Type: Venezuela; "Leg. Basset Maguire, John J. Wurdack et George S. Bunting No. 37114. 6.1.1954 in "sabana" 5 km SO "Cerro de la Neblina-Río Yatua-Territorio de Amazonas" (Venezuela). 1900 m alt."; ♀♂ (P!, holotype)

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.

Baccharis xalapensis Kunth, *H. B. K., Nov. gen. sp.* 4: 56. 1818. Type: Mexico; "in declivitate orientali montium Mexicanorum prope Xalapa, alt. 700 hex."; Humboldt & Bonpland 4455, ♂ (P!-HBK, holotype, B-Willd-15578! p.p., isotype)

= *Baccharis conferta* Kunth

Baccharis xeranthemoides Mart. ex Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 174. 1977 [pro syn. *Oligandra lycopodioides* Less.]

Baccharis xerophila Mart., *Flora* 24, *Beibl.* 2: 11. 1841. Type: Brazil; "Crescit in agris altis siccis, in mediterraneis Prov. Bahiensis, prope Jacobina rel. Hamadryas"; Martius Herb. Bras. 437, ♀♂ (P, lectotype, designated by Malagarriga 1958: 279, BR!, G!, GH!, HBG!, fragment, M!, 4×, W!, isotypes)

= *Baccharis linearifolia* (Lam.) Pers.

Baccharis xiphophylla Baker, *Fl. bras. (Martius)* 6(3): 68. 1882. Type: Brazil; "in prov. Minas Geraes, in alpinis: Martius"; ♂ (M!, isotype)

= *Baccharis myricifolia* DC.

Baccharis xylophila Mart. ex Malag., *Bull. Natl. Hist. Nat., Sér.* 2 20: 557. 1948 [pro syn. *Baccharis subdentata* DC.]

Baccharis xylophylla Baker ex Glaz., *Mém. Soc. Bot. France* 3: 398. 1910 [nom. nud.] Original material: Brazil; "Entre Ouro Preto et Queluz, Minas, n°s 15004, 16203"; Glaziou 15004, ♀♂ (BR!, G!, P!, 2×); Glaziou 16203, ♂ (BR!)

= *Baccharis myricifolia* DC.

Baccharis xylophyloides Baker ex Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 174. 1977 [pro syn. *Baccharis myricifolia* var. *xiphophylla* (Baker) Malag.]

351. Baccharis zamoranensis Rzed., *Brittonia* 24: 400. 1972. Type: Mexico; "Querétaro: parte más alta del Cerro Zamorano, municipio de Colón, alt. 3200-3270 m, zona rocosa casi sin árboles, 13 Nov 1971, Rzedowski & McVaugh 425" (ENCB, holotype)

Ic.: Rzedowski 1972: Fig. 2

Baccharis subgen. *Pteronioides* Heering

352. *Baccharis zoellneri* F. H. Hellw., Mitt. Bot. Staatssamml. München 29: 352. 1990. Type: Chile; "X. Region, de los Lagos, Cordillera Pelada, Weg von La Unión nach Hueicolla, unter Fitzroya und auf offenen anmoorigen Flächen, ca. 900 m - 1000 m, 12.12.1985, Hellwig 7220" (M, holotype, JE!, isotype)
Baccharis subgen. *Baccharis*

Baccharis zoellneri F. H. Hellw. **subsp. *zoellneri***
Ic.: Hellwig 1990: Abb. 135-137
Argentina, Chile

Baccharis zoellneri* subsp. *minor F. H. Hellw., Mitt. Bot. Staatssamml. München 29: 363. 1990. Type: Chile; "VIII. Region, del Biobio, Tal des Río Caramávida, Weg nach San Alfonso, ca. 800 m, Gebüsche am Wegrand, 3.11.1985, Hellwig 4718" (M, holotype, JE!, isotype)
Ic.: Hellwig 1990: Abb. 141-142
Chile

353. *Baccharis zongoensis* Joch. Müll., Syst. Bot. Monogr. 76: 242. 2006. Type: Bolivia; "La Paz: Prov. Murillo, valley of Río Zongo ca. 3 km NNE Botijlaca, ca. 3250 m, 16°10'S, 68°08'W, 21 Aug 1999, ♀, Müller & Ortuño 7434" (JE!, holotype; BR!, LPB!, NY!, isotypes)
Ic.: Müller 2006a: Fig. 95
Bolivia (CO, LP)
Baccharis subgen. *Molina* (Pers.) Heering

354. *Baccharis zumbadorensis* V. M. Badillo, Bol. Soc. Venez. Ci. Nat. 10: 307. 1946. Type: Venezuela, Tachira, Páramo del Zumbador, 2400 m, Müller & Barrus 1014 (VEN!, holotype)
Venezuela
Baccharis subgen. *Pteronioides* Heering

Archibaccharis lewisii H. Rob., *BioLlania*, Ed. Esp. 6: 502. 1997.
= ***Baccharis lewisii*** (H. Rob.) Joch. Müll.

Archibaccharis prorepens S. F. Blake, *J. Wash. Acad. Sci.* 24: 432. 1934.
= ***Baccharis serrifolia*** DC.

Archibaccharis vulneraria (Baker) Heering ex Malag., *Contr. Inst. Geobiol. La Salle* 2: 23. 1952.
= ***Baccharis glutinosa*** Pers.

Arrhenachne juncea Cass., in Cuvier, *Dict. sci. nat.* 52: 254. 1828
= ***Baccharis juncea*** (Cass.) Desf.

Artemisia montevidensis Spreng. ex Baker, *Fl. bras. (Martius)* 6(3): 57. 1882 [pro syn. *Baccharis coridifolia* DC.]

Aster phylicoides Spreng. ex Arechavaleta, *Anales Mus. Nac. Montevideo* 6(3): 231. 1907 [pro syn. *Baccharis patens* Baker]

Aster pohlii Baker, *Fl. bras. (Martius)* 6(3): 23. 1882.

= *Baccharis hirta* DC. s.l.

Baccharidastrum argutum (Less.) Cabrera, *Not. Mus. La Plata, Bot.* 2: 177. 1937.

= *Baccharis glutinosa* Pers.

Baccharidastrum argutum var. *colombianum* Cuatrec., *Webbia* 24: 232. 1969.

= *Baccharis glutinosa* Pers.

Baccharidastrum notobellidiastrum (Griseb.) Herter, *Rev. Sudamer. Bot.* 6: 104. 1939.

≡ *Conyza notobellidiastrum* Griseb.

Baccharidastrum rivulare (Gardner) Herter, *Rev. Sudamer. Bot.* 6: 104. 1939.

≡ *Conyza rivularis* Gardner

Baccharidastrum triplinervium (Less.) Cabrera, *Not. Mus. La Plata, Bot.* 2: 177. 1937.

= *Baccharis glutinosa* Pers.

Baccharidiopsis pohlii (Baker) G. M. Barroso, *Sellowia* 27: 95. 1975.

= *Baccharis hirta* DC. s.l.

Cacalia decurrens Vell., *Fl. flum.* 340. 1829.

≡ *Baccharis decurrens* (Vell.) Steffeld

Cacalia sessilis Vell., *Fl. flum.* 341. 1829. Type: Brazil; "ac habitat, quibus decurrens ... Tab. 73^a. T. 8" (Vellozo 1831, Tab. 73, neotype, designated by Müller 2006a: 198, as "lectotype")

= *Baccharis genistelloides* subsp. *crispa* (Spreng.) Joch. Müll.

Chrysocoma aphylla Vell., *Fl. flum.* 324. 1829.

≡ *Baccharis aphylla* (Vell.) DC.

Chrysocoma cuneifolia Jacq., *Collect. bot.* 3: 280. 1791. Type: Argentina/Chile; "Ad fretum Magellanicum sponte crescit, sine titulo communicata"; Commerson s.n., ♂ (W!, holotype)

= *Baccharis patagonica* Hook. & Arn. subsp. *patagonica*

Chrysocoma decussata Vell., *Fl. flum.* 326. 1829. Type: Brazil; "campis apricis mediterraneis ... Tab. 9a. T. 8"

= *Baccharis sessiliflora* Vahl

Chrysocoma dentata Vell., *Fl. flum.* 334. 1829.

≡ *Baccharis dentata* (Vell.) G. M. Barroso

Chrysocoma indivisa Vell., *Fl. flum.* 326. 1829. Type: Brazil; "fruticetis maritimis, atque mediterraneis ... Tab. 12^a. T. 8"

= *Baccharis oblongifolia* (Ruiz & Pav.) Pers.?

Chrysocoma lateralis Vell., *Fl. flum.* 329. 1829. Type: Brazil; "fruticetis mediterraneis ... Tab. 21^a. T. 8"

= *Baccharis singularis* (Vell.) G. M. Barroso

Chrysocoma maritima Vell., *Fl. flum.* 329. 1829. Type: Brazil; "fruticetis maritimis Regii Praedii S. Crucis ... Tab. 22a. T. 8"

= ***Baccharis dentata*** (Vell.) G. M. Barroso

Chrysocoma nuda Vell., *Fl. flum.* 335. 1829.

= ***Baccharis aphylla*** (Vell.) DC.

Chrysocoma purpurea Vell., *Fl. flum.* 334. 1829. Type: Brazil; "fruticetis mediterraneis ... Tab. 45a. T. 8"

= ***Baccharis singularis*** (Vell.) G. M. Barroso?

Chrysocoma sancta Vell., *Fl. flum.* 324. 1829. Type: Brazil; "fruticetis mediterraneis transalpinis ... Tab. 3a. T. 8"

= ***Baccharis serrulata*** (Lam.) Pers.

Chrysocoma scoparia L., *Amoen. Acad.* 5: 404. 1760.

≡ ***Baccharis scoparia*** (L.) Sw.

Chrysocoma singularis Vell., *Fl. flum.* 325. 1829.

≡ ***Baccharis singularis*** (Vell.) G. M. Barroso

Conyza angustifolia Desf. ex Heering, *Jahrb. Hamb. Wiss. Anst.* 31, Beih. 3: 109. 1916 [pro syn. *Baccharis pingraea* DC.]

Conyza arbutifolia Lam., *Encycl. méth.* 2: 92. 1786.

= ***Baccharis arbutifolia*** Vahl

Conyza arguta Less., *Linnaea* 6, 138. 1831. *Baccharidastrum argutum* (Less.) Cabrera, *Not. Mus. La Plata, Bot.* 2: 177. 1937. Type: Brazil; "a Sellowio in Bras. merid. lecta" (not seen)

= ***Baccharis glutinosa*** Pers.

Conyza artemisioides Sch. Bip. ex Baker, *Fl. bras. (Martius)* 6(3): 63. 1882 [pro syn. *Baccharis rufescens* var. *tenuifolia* Baker]

Conyza articulata Lam., *Encycl. méth.* 2: 94. 1786.

≡ ***Baccharis articulata*** (Lam.) Pers.

Conyza buxifolia Lam., *Encycl. méth.* 2: 92. 1786.

≡ ***Baccharis buxifolia*** (Lam.) Pers.

Conyza cuneifolia Lam., *Encycl. méth.* 2: 91. 1786

= ***Baccharis patagonica*** Hook. & Arn.

Conyza halimifolia (L.) Desf., *Tabl. École Bot.* 97. 1804.

≡ ***Baccharis halimifolia*** L.

Conyza linearifolia Lam., *Encycl.* 2: 92. 1786.

≡ ***Baccharis linearifolia*** (Lam.) Pers.

Conyza linearifolia Spreng. ex Baker, *Fl. bras. (Martius)* 6(3): 71. 1882 [pro syn. *Baccharis dracunculifolia* DC.]

Conyza magellanica Lam., *Encycl.* 2: 91. 1786.

≡ ***Baccharis magellanica*** (Lam.) Pers.

Conyza maximiliana Mart. ex Baker, *Fl. bras. (Martius)* 6(3): 53. 1882 [pro syn. *Baccharis calvescens* DC.]

Conyza montevidensis Spreng., *Syst. veg.* 3: 510. 1826. Type: Uruguay; "Monte Video. Sello" (not seen)

= ***Baccharis glutinosa*** Pers.

Conyza myrsinites Lam., *Encycl.* 2: 92. 1786.

≡ ***Baccharis myrsinites*** (Lam.) Pers.

Conyza pedunculata Mill., *Gard. dict.*, ed. 8: n. 15. 1768.

≡ ***Baccharis pedunculata*** (Mill.) Cabrera

Conyza rufidula Spreng., *Neue Entd.* 2: 141. 1821.

≡ ***Baccharis rufidula*** (Spreng.) Joch. Müll.

Conyza sepiaria Mart. ex Baker, *Fl. bras. (Martius)* 6(3): 77. 1882 [pro syn. *Baccharis anomala* DC.]

Conyza tricuneata Willd., *Sp. pl.* 3: 1946. 1803.

≡ ***Baccharis tricuneata*** (L. f.) Pers.

Conyza trinervia Mill., *Gard. dict.*, ed. 8: no. 12. 1768 [non *Baccharis trinervis* Pers.] Type: Colombia, Cartagena, grown from seeds sent by R. Millar s.n. (BM, holotype)

= ***Baccharis trinervis* var. *rhexioides*** (Kunth) Baker

Conyza trinervis Lam., *Encycl.* 2: 85. 1786 [non *Conyza trinervia* Mill. 1768].

≡ ***Baccharis trinervis*** Pers.

Conyza triplinervia Less., *Linnaea* 6: 137. 1831. *Baccharidastrum triplinervium* (Less.) Cabrera, *Not. Mus. La Plata, Bot.* 2: 177. 1937. Type: Brazil; "ad fretum St. Catharinae cel. de Chamisso; pr. Rio Janeiro Beyrich; pluribus aliis locis Brasiliae et meridionalis et aequinoctialis Sellow" (not seen)

= ***Baccharis glutinosa*** Pers.

Eupatorium braunii Polakovsky, *Linnaea* 41: 576. 1877.

= ***Baccharis pedunculata*** (Mill.) Cabrera (Cuatrecasas 1969; Nash 1976; Malagarriga 1977)

Eupatorium cotinifolium Willd., *Phytogr.* 11. 1794.

= ***Baccharis pedunculata*** (Mill.) Cabrera

Eupatorium furcatum Spreng. ex Baker, *Fl. bras. (Martius)* 6(3): 60. 1882 [pro syn. *Baccharis ligustrina* DC.]

Eupatorium montevidense Spreng., *Syst. veg.* 3: 417. 1826. *Lanugothamnus montevidensis* (Spreng.) Deble, *Balduinia* 37: 15. 2012. Type: Uruguay; "Monte Video. Sello"; ♀ (P!, holotype)

= ***Baccharis coridifolia* DC. subsp. *coridifolia***

Eupatorium schomburgkii Benth. ex R. H. Schomb., *Reisen Brit.-Guiana* 3: 1077. 1848. Type: Guyana; "An den Rändern der Bergwälder" (B†, holotype, GH!, isotype)

= ***Baccharis oblongifolia*** (Ruiz & Pav.) Pers.

Eupatorium spicatum Lam., *Encycl.* 2: 409. 1786.
≡ ***Baccharis spicata*** (Lam.) Baill.

Eupatorium spicatum Spreng. ex Baker, *Fl. bras. (Martius)* 6(3): 46. 1882 [pro syn. *Baccharis aphylla* (Vell.) DC.]

Eupatorium trinervatum Sessé & Moc., *Pl. nov. hisp.* 134. 1889. Type: ?
= ***Baccharis trinervis* var. *rhexioides*** (Kunth) Baker (McVaugh 1984)

Gochnatia glutinosa Klatt, *Abh. Naturf. Ges. Halle* 12: 334. 1881 [non (D. Don) D. Don ex Hook. & Arn. 1835]. Type: Peru, Matthews 1353, ♀ (P!, holotype, K!, isotype)
= ***Baccharis grandicapitulata*** Hieron.

Haplopappus linearifolius Buckley, *Proc. Acad. Nat. Sci. Philadelphia* 13: 457. 1862 [non DC. 1836]. Type: ?
= ***Baccharis texana*** (Torr. & A. Gray) A. Gray (Mahler & Waterfall 1964, Martin & Hutchins 1980)

Haplopappus ramulosus DC., *Prodr.* 5: 350. 1836.
= ***Baccharis pteronioides*** DC.

Heterothalamulopsis wagenitzii (F.H.Hellw.) Deble, A. S. Oliveira & Marchiori, *Ci. Flo.* 14(1): 1-7. 2004.
≡ ***Baccharis wagenitzii*** (F. H. Hellw.) Joch. Müll.

Heterothalamus acaulis Wedd. ex R. E. Fr., *Nova Acta Reg. Soc. Sci. Upsal.*, Ser. 4, 1: 79. 1905.
≡ ***Baccharis acaulis*** (Wedd. ex R. E. Fr.) Cabrera

Heterothalamus alienus (Spreng.) Kuntze, *Rev. gen.* 3(2): 158. 1898.
≡ ***Baccharis aliena*** (Spreng.) Joch. Müll.

Heterothalamus boliviensis Wedd., *Chlor. and.* 1: 179. 1856.
≡ ***Baccharis boliviensis*** (Wedd.) Cabrera

Heterothalamus boliviensis var. *latifolius* R. E. Fr., *Nova Acta Reg. Soc. Sci. Upsal.*, Ser. 4, 1: 78. 1905.
≡ ***Baccharis boliviensis*** (Wedd.) Cabrera

Heterothalamus brunioides Less., *Linnaea* 6: 504. 1831 [nom. superfl.]
≡ ***Baccharis aliena*** (Spreng.) Joch. Müll.

Heterothalamus densus N. E. Br., *Trans. Linn. Soc., Bot.* 6: 39. 1901.
≡ ***Baccharis densa*** (N. E. Br.) V. M. Badillo

Heterothalamus glomeratus G. M. Barroso ex An. S. de Oliveira, Deble, A. A. Schneid. & Marchiori, *Balduinia* 9: 26. 2006 [pro syn.]
≡ ***Baccharis wagenitzii*** (F. H. Hellw.) Joch. Müll.

Heterothalamus macrophyllus (Dusén) Heering, *Ark. Bot.* 8(7): 19. 1909.
≡ ***Baccharis macrophylla*** Dusén

Heterothalamus nivalis Wedd., *Chlor. and.* 1: 179. 1856.
= ***Baccharis nivalis*** (Wedd.) Sch. Bip. ex Phil.

Heterothalamus psiadioides Less., *Linnaea* 6: 504. 1831.
= ***Baccharis psiadioides*** (Less.) Joch. Müll.

Heterothalamus rupestris Deble, *An. S. de Oliveira & Marchiori, Ci. Flor.* 13(2): 1. 2003.
= ***Baccharis hyemalis*** Deble

Heterothalamus spartioides Hook. & Arn. ex DC., *Prodr.* 7: 271. 1838.
= ***Baccharis psiadioides*** (Less.) Joch. Müll.

Heterothalamus tenellus (Hook. & Arn.) Kuntze, *Rev. gen.* 3(2): 158. 1898.
= ***Baccharis tenella*** Hook. & Arn.

Heterothalamus tenellus var. *austropatagonicus* Skottsbo., *Kongl. Svenska Vetenskapsakad. Handl.* 56(5): 315. 1916. Type: Argentina; "Subandines Patagonien: in tiefem Sand am Ostende des Lago Buenos Aires (Bl. 2, 12. 12. 08)" (not seen)
= ***Baccharis tenella*** Hook. & Arn.

Heterothalamus tenellus *gracilior* Macloskie, *Rep. Princeton Univ. Exped. Patagonia, Botany* 5: 800. 1905 [nom. nud.] Original material: Argentina; "Bahia Blanca to N. Patagon." (not seen)
= ***Baccharis tenella*** Hook. & Arn.

Heterothalamus tenellus *robustior* Macloskie, *Rep. Princeton Univ. Exped. Patagonia, Botany* 5: 801. 1905 [nom. nud.] Original material: Argentina; "S. Patagon., St. Julian" (not seen)
= ***Baccharis tenella*** Hook. & Arn.

Heterothalamus trinervis (Pers.) Hook. & Arn., *J. Bot.* 3: 43. 1841.
= ***Baccharis trinervis*** Pers.

Heterothalamus wagenitzii F. H. Hellw., *Haussknechtia* 9: 135. 2003.
= ***Baccharis wagenitzii*** (F. H. Hellw.) Joch. Müll.

Icma involucrata Phil., *Anales Univ. Chile* 41: 741. 1872.
= ***Baccharis gilliesii*** Hook. & Arn.

Lanugothamnus albilanosus (A. S. Oliveira & Deble) Deble, *Balduinia* 37: 14. 2012.
= ***Baccharis albilanosa*** A. S. Oliveira & Deble

Lanugothamnus anabelae Deble, *Balduinia* 37: 20. 2012.
= ***Baccharis anabelae*** (Deble)

Lanugothamnus artemisioides (Hook. & Arn.) Deble, *Balduinia* 37: 14. 2012.
= ***Baccharis artemisioides*** Hook. & Arn.

Lanugothamnus chionolaenoides (D. B. Falkenb. & Deble) Deble, *Balduinia* 37: 16. 2012.
= ***Baccharis chionolaenoides*** D. B. Falkenb. & Deble

Lanugothamnus curitybensis (Heering ex Malme) Deble, *Balduinia* 37: 16. 2012.
= ***Baccharis curitybensis*** Heering ex Malme

- Lanugothamnus gibertii* (Baker) Deble, *Balduinia* 37: 13. 2012.
= ***Baccharis gibertii*** Baker
- Lanugothamnus gnaphalioides* (Spreng.) Deble, *Balduinia* 37: 13. 2012.
= ***Baccharis gnaphalioides*** Spreng.
- Lanugothamnus helichrysoides* (DC.) Deble, *Balduinia* 37: 12. 2012.
= ***Baccharis helichrysoides*** DC.
- Lanugothamnus leucocephalus* (Dusén) Deble, *Balduinia* 37: 13. 2012.
= ***Baccharis leucocephala*** Dusén
- Lanugothamnus leucopappus* (Dusén) Deble, *Balduinia* 37: 13. 2012.
= ***Baccharis leucopappa*** DC.
- Lanugothamnus lychnophorus* (Gardner) Deble, *Balduinia* 37: 16. 2012.
= ***Baccharis lychnophora*** Gardner
- Lanugothamnus montevidensis* (Spreng.) Deble, *Balduinia* 37: 14. 2012.
= ***Baccharis coridifolia*** DC. *subsp. coridifolia*
- Lanugothamnus montevidensis subsp. bicolor* (Joch. Müll.) Deble, *Balduinia* 37: 15. 2012.
= ***Baccharis coridifolia subsp. bicolor*** Joch. Müll.
- Lanugothamnus ochraceus* (Spreng.) Deble, *Balduinia* 37: 15. 2012.
= ***Baccharis ochracea*** Spreng.
- Lanugothamnus patens* (Baker) Deble, *Balduinia* 37: 13. 2012.
= ***Baccharis patens*** Baker
- Lanugothamnus phyllicifolia* (DC.) Deble, *Balduinia* 37: 13. 2012.
= ***Baccharis phyllicifolia*** DC.
- Lanugothamnus pluricapitulatus* Deble, *Balduinia* 37: 16. 2012.
= ***Baccharis pluricapitulata*** (Deble)
- Lanugothamnus scabrifolius* (G. Heiden) Deble, *Balduinia* 37: 15. 2012.
= ***Baccharis scabrifolia*** G. Heiden
- Lanugothamnus suberectifolius* (A. S. Oliveira & Deble) Deble, *Balduinia* 37: 15. 2012.
= ***Baccharis suberectifolia*** A. S. Oliveira & Deble
- Lanugothamnus tarchonanthoides* (DC.) Deble, *Balduinia* 37: 16. 2012.
= ***Baccharis tarchonanthoides*** DC.
- Linosyris ramulosa* (DC.) A. Gray, *Smiths. Contr. Knowl.* 5(6): 80. 1853.
= ***Baccharis pteronioides*** DC.
- Linosyris texana* Torr. & A. Gray, *Fl. North Amer.* 2: 232. 1842.
= ***Baccharis texana*** (Torr. & A. Gray) A. Gray.

Lucilia dioica Phil., *Anal. Univ. Chile* 90: 6. 1895. Type: ?
= ***Baccharis nivalis*** (Wedd.) Sch. Bip. ex Phil. (Reiche 1903, 1905, Heering 1916, Cabrera 1971, Giuliano & Ariza Espinar 1999, Giuliano 2000)

Marshallia aliena Spreng., *Syst. veg.* 3: 446. 1826.
≡ ***Baccharis aliena*** (Spreng.) Joch. Müll.

Mikania salicifolia Spreng. ex Baker, *Fl. bras. (Martius)* 6(3): 82. 1882 [pro syn. *Baccharis brachylaenoides* DC.]

Molina articulata (Lam.) Less., *Linnaea* 6: 140. 1831.
≡ ***Baccharis articulata*** (Lam.) Pers.

Molina caespitosa Ruiz & Pav., *Syst. veg.* 203. 1798.
≡ ***Baccharis caespitosa*** (Ruiz & Pav.) Pers.

Molina concava Ruiz & Pav., *Syst. veg.* 206. 1798.
= ***Baccharis obovata*** × ***rhomboidalis***

Molina conyzoides Less., *Linnaea* 6: 139. 1831.
≡ ***Baccharis conyzoides*** (Less.) DC.

Molina corymbosa Ruiz & Pav., *Syst. veg.* 210. 1798.
≡ ***Baccharis corymbosa*** (Ruiz & Pav.) Pers.

Molina crispa (Spreng.) Less., *Linnaea* 6: 141. 1831.
≡ ***Baccharis genistelloides*** subsp. ***crispa*** (Spreng.) Joch. Müll.

Molina dependens Ruiz & Pav., *Syst. veg.* 202. 1798
≡ ***Baccharis dependens*** (Ruiz & Pav.) Pers.

Molina emarginata Ruiz & Pav., *Syst. veg.* 202. 1798.
≡ ***Baccharis emarginata*** (Ruiz & Pav.) Pers.

Molina ferruginea Ruiz & Pav., *Syst. veg.* 211. 1798.
≡ ***Loricaria ferruginea*** (Ruiz & Pav.) Wedd.

Molina incana Ruiz & Pav., *Syst. veg.* 211. 1798. Type: Peru; "in Peruviae alpebus ad Pillao vicum versus Silcay tractum" (MA!, lectotype, Cabrera 1960, MA!, isotype)
= ***Loricaria*** sp.

Molina juncea Less., *Linnaea* 6: 145. 1831.
≡ ***Baccharis junciformis*** DC.

Molina latifolia Ruiz & Pav., *Syst. veg.* 208. 1798.
≡ ***Baccharis latifolia*** (Ruiz & Pav.) Pers.

Molina linearis Ruiz & Pav., *Syst. veg.* 205. 1798.
≡ ***Baccharis linearis*** (Ruiz & Pav.) Pers.

Molina microcephala Less., *Linnaea* 6, 142. 1831.
≡ ***Baccharis microcephala*** (Less.) DC.

- Molina milleflora* Less., *Linnaea* 6: 143. 1831.
≡ ***Baccharis milleflora*** (Less.) DC.
- Molina oblongifolia* Ruiz & Pav., *Syst. veg.* 203. 1798.
≡ ***Baccharis oblongifolia*** (Ruiz & Pav.) Pers.
- Molina obovata* Ruiz & Pav., *Syst. veg.* 206. 1798.
= ***Baccharis linearifolia* subsp. chilco** (Kunth) Joch. Müll.
- Molina parviflora* Ruiz & Pav., *Syst. veg.* 209. 1798.
= ***Baccharis salicifolia*** (Ruiz & Pav.) Pers. **subsp. salicifolia**
- Molina pentaptera* Less., *Linnaea* 6: 505. 1831
≡ ***Baccharis pentaptera*** (Less.) DC.
- Molina prostrata* Ruiz & Pav., *Syst. veg.* 204. 1798.
= ***Baccharis linearifolia*** (Lam.) Pers.
- Molina racemosa* Ruiz & Pav., *Syst. veg.* 209. 1798.
= ***Baccharis racemosa*** (Ruiz & Pav.) DC.
- Molina reticulata* Ruiz & Pav., *Syst. veg.* 212. 1798.
≡ ***Baccharis reticulata*** (Ruiz & Pav.) Pers.
- Molina rhexioides* (Kunth) Less., *Linnaea* 6: 406. 1831.
≡ ***Baccharis trinervis* var. rhexioides** (Kunth) Baker
- Molina sagittalis* Less., *Linnaea* 6: 144. 1831.
≡ ***Baccharis sagittalis*** (Less.) DC.
- Molina salicifolia* Ruiz & Pav., *Syst. veg.* 210. 1798.
≡ ***Baccharis salicifolia*** (Ruiz & Pav.) Pers.
- Molina scabra* Ruiz & Pav., *Syst. veg.* 210. 1798.
≡ ***Baccharis scabra*** (Ruiz & Pav.) Pers.
- Molina scandens* Ruiz & Pav., *Syst. veg.* 205.
≡ ***Baccharis scabra*** (Ruiz & Pav.) Pers.
- Molina sessilifolia* Less., *Linnaea* 6: 140. 1831.
= ***Baccharis racemosa*** (Ruiz & Pav.) Pers.
- Molina striata* Ruiz & Pav., *Syst. veg.* 207. 1798 [nom. superfl.].
≡ ***Conyza ivifolia*** (L.) Less.
- Molina tomentosa* Ruiz & Pav., *Syst. veg.* 203. 1798.
≡ ***Baccharis tomentosa*** (Ruiz & Pav.) Pers.
- Molina trimera* Less., *Linnaea* 6: 141. 1831.
= ***Baccharis genistelloides* subsp. crispa** (Spreng.) Joch. Müll.

Molina uniflora Ruiz & Pav., Syst. veg. 208. 1798
≡ ***Baccharis uniflora*** (Ruiz & Pav.) Pers.

Molina venosa Ruiz & Pav., Syst. veg. 212. 1798.
≡ ***Baccharis genistelloides*** (Lam.) Pers. *subsp. genistelloides*

Molina viscosa Ruiz & Pav., Syst. veg. 207. 1798.
≡ ***Baccharis glutinosa*** Pers.

Neomolina bigelovii (A. Gray) F. H. Hellw., Candollea 48: 212. 1993.
≡ ***Baccharis bigelovii*** A. Gray

Neomolina bogotensis (Kunth) F. H. Hellw., Candollea 48: 212. 1993.
≡ ***Baccharis bogotensis*** Kunth

Neomolina darwinii (Hook. & Arn.) F. H. Hellw., Candollea 48: 212. 1993.
≡ ***Baccharis darwinii*** Hook. & Arn.

Neomolina elegans (Kunth) F. H. Hellw., Candollea 48: 212. 1993.
= ***Baccharis bogotensis*** Kunth

Neomolina gnidiifolia (Kunth) F. H. Hellw., Candollea 48: 212. 1993.
≡ ***Baccharis gnidiifolia*** Kunth

Neomolina marcetiifolia (Benth.) F. H. Hellw., Candollea 48: 212. 1993.
≡ ***Baccharis marcetiifolia*** Benth.

Neomolina mexicana (Cuatrec.) F. H. Hellw., Candollea 48: 213. 1993.
≡ ***Baccharis mexicana*** Cuatrec.

Neomolina paniculata (DC.) F. H. Hellw., Candollea 48: 213. 1993.
≡ ***Baccharis paniculata*** DC.

Neomolina plummerae (A. Gray) F. H. Hellw., Candollea 48: 213. 1993.
≡ ***Baccharis plummerae*** A. Gray

Neomolina potosina (A. Gray) F. H. Hellw., Candollea 48: 213. 1993.
= ***Baccharis sulcata*** DC. (McVaugh 1972b)

Neomolina ptarmicifolia (DC.) F. H. Hellw., Candollea 48: 213. 1993
= ***Baccharis thesioides*** Kunth

Neomolina pteronioides (DC.) F. H. Hellw., Candollea 48: 213. 1993.
≡ ***Baccharis pteronioides*** DC.

Neomolina pulchella (Sch. Bip. ex Griseb.) F. H. Hellw., Candollea 48: 213. 1993.
= ***Baccharis arguta*** Hook. & Arn.

Neomolina racemosa (Ruiz & Pav.) F. H. Hellw., Candollea 48: 213. 1993.
= ***Baccharis racemosa*** (Ruiz & Pav.) DC.

Neomolina taltalensis (I. M. Johnst.) F. H. Hellw., *Candollea* 48: 213. 1993.
≡ ***Baccharis taltalensis*** I. M. Johnst.

Neomolina texana (Torr. & A. Gray) F. H. Hellw., *Candollea* 48: 213. 1993.
≡ ***Baccharis texana*** (Torr. & A. Gray) A. Gray.

Neomolina thesioides (Kunth) F. H. Hellw., *Candollea* 48: 213. 1993.
≡ ***Baccharis thesioides*** Kunth

Neomolina ulicina (Hook. & Arn.) F. H. Hellw., *Candollea* 48: 213. 1993.
≡ ***Baccharis ulicina*** Hook. & Arn.

Neomolina volubilis (Kunth) F. H. Hellw., *Candollea* 48: 213. 1993.
≡ ***Baccharis volubilis*** Kunth

Neomolina wrightii (A. Gray) F. H. Hellw., *Candollea* 48: 214. 1993.
≡ ***Baccharis wrightii*** A. Gray

Palenia delfini Phil., *Anal. Univ. Chile* 90: 7. 1895. Type. ?
= ***Baccharis nivalis*** (Wedd.) Sch. Bip. ex Phil. (Reiche 1903, 1905, Heering 1916, Cabrera 1971, Giuliano & Ariza Espinar 1999, Giuliano 2000)

Pingraea alnifolia (Meyen & Walp.) F. H. Hellw., *Candollea* 48: 217. 1993.
≡ ***Baccharis alnifolia*** Meyen & Walp.

Pingraea angustifolia Cass., in Cuvier, *Dict. sci. nat.* 41: 58. 1826.
= ***Baccharis glutinosa*** Pers. (Heering 1914, Cabrera 1963, 1974, 1978)

Pingraea anomala (DC.) F. H. Hellw., *Candollea* 48: 217. 1993.
≡ ***Baccharis anomala*** DC.

Pingraea articulata (Lam.) F. H. Hellw., *Candollea* 48: 217. 1993.
≡ ***Baccharis articulata*** (Lam.) Pers.

Pingraea conyzoides (Less.) F. H. Hellw., *Candollea* 48: 217. 1993.
≡ ***Baccharis conyzoides*** (Less.) DC.

Pingraea crispa (Spreng.) F. H. Hellw., *Candollea* 48: 217. 1993.
≡ ***Baccharis genistelloides subsp. crispa*** (Spreng.) Joch. Müll.

Pingraea cymosa (Phil.) F. H. Hellw., *Candollea* 48: 217. 1993.
≡ ***Baccharis cymosa*** Phil.

Pingraea flexuosa (Baker) F. H. Hellw., *Candollea* 48: 217. 1993.
= ***Baccharis quitensis*** Kunth

Pingraea latifolia (Ruiz & Pav.) F. H. Hellw., *Candollea* 48: 217. 1993.
≡ ***Baccharis latifolia*** (Ruiz & Pav.) Pers.

Pingraea oxyodonta (DC.) F. H. Hellw., *Candollea* 48: 218. 1993.

≡ *Baccharis oxyodona* DC.

Pingraea punctulata (DC.) F. H. Hellw., *Candollea* 48: 218. 1993.

≡ *Baccharis punctulata* DC.

Pingraea pycnantha (Phil.) F. H. Hellw., *Candollea* 48: 218. 1993.

≡ *Baccharis pycnantha* Phil.

Pingraea sagittalis (Less.) F. H. Hellw., *Candollea* 48: 218. 1993.

≡ *Baccharis sagittalis* (Less.) DC.

Pingraea salicifolia (Ruiz & Pav.) F. H. Hellw., *Candollea* 48: 218. 1993.

≡ *Baccharis salicifolia* (Ruiz & Pav.) Pers.

Pingraea scandens (Ruiz & Pav.) F. H. Hellw., *Candollea* 48: 218. 1993.

≡ *Baccharis scabra* (Ruiz & Pav.) Pers.

Pingraea sphaerocephala (Hook. & Arn.) F. H. Hellw., *Candollea* 48: 218. 1993.

≡ *Baccharis sphaerocephala* Hook. & Arn.

Pingraea viscosa (Ruiz & Pav.) F. H. Hellw., *Candollea* 48: 218. 1993.

≡ *Baccharis glutinosa* Pers.

Pluchea decussata Klatt, *Bot. Jahrb. Syst.* 8: 39. 1887.

≡ *Baccharis decussata* (Klatt) Hieron. *subsp. decussata*

Pluchea glabra Griseb., *Abh. Königl. Ges. Wiss. Göttingen* 24: 183. 1879. Type: Argentina; "O.: Oran, versus S. Andres" (GOET!, holotype)

= *Baccharis latifolia* (Ruiz & Pav.) Pers.

Pluchea montana Griseb., *Abh. Königl. Ges. Wiss. Göttingen* 24: 184. 1879. Type: Argentina; "T.: Tucuman, pr. Cienega"; 10-17 Jan 1874, Lorentz & Hieronymus 676 (GOET!, holotype)

= *Baccharis pentlandii subsp. sculpta* (Griseb.) Joch. Müll.

Pseudobaccharis acaulis (Wedd. ex R. E. Fr.) Cabrera, *Not. Mus. La Plata* 9: 248. 1944.

≡ *Baccharis acaulis* (Wedd. ex R. E. Fr.) Cabrera

Pseudobaccharis boliviensis (Wedd.) Cabrera, *Not. Mus. La Plata* 9: 249. 1944.

≡ *Baccharis boliviensis* (Wedd.) Cabrera

Pseudobaccharis boliviensis var. *latifolia* (R. E. Fr.) Cabrera, *Not. Mus. La Plata* 9: 250. 1944.

≡ *Baccharis boliviensis* (Wedd.) Cabrera

Pseudobaccharis cotinifolia (Willd.) Malag., *Contr. Inst. Geobiol. La Salle* 2: 47. 1952.

= *Baccharis pedunculata* (Mill.) Cabrera

Pseudobaccharis densa (N. E. Br.) V. M. Badillo, *Bol. Soc. Venez. Ci. Nat.* 10: 306. 1946.

≡ *Baccharis densa* (N. E. Br.) V. M. Badillo

Pseudobaccharis inamoena (Gardner) Malag., *Contr. Inst. Geobiol. La Salle* 2: 47. 1952.

= **Baccharis rufidula** (Spreng.) Joch. Müll.

Pseudobaccharis ligustrina (DC.) Malag., *Bol. Inform. Inst. Geobiol. "La Salle" 1*: 11. 1949.

= **Baccharis oblongifolia** (Ruiz & Pav.) Pers.

Pseudobaccharis macrophylla (Dusén) Malag., *Contr. Inst. Geobiol. La Salle 2*: 47. 1952.

≡ **Baccharis macrophylla** Dusén

Pseudobaccharis nervosa Malag., *Notulae Syst. 15*(3): 295. 1958 [nom. inval., Art. 32.5]

≡ **Baccharis nervosa** DC.

Pseudobaccharis nivalis Malag., *Notulae Syst. 15*(3): 295. 1958 [nom. inval., Art. 32.5]

≡ **Baccharis nivalis** (Wedd.) Sch. Bip. ex Phil.

Pseudobaccharis polycephala Malag., *Notulae Syst. 15*(3): 295. 1958.

= **Baccharis oblongifolia** (Ruiz & Pav.) Pers.

Pseudobaccharis retamoides (Phil.) Cabrera, *Notas Mus. La Plata 9*: 253. 1944.

≡ **Baccharis retamoides** Phil.

Pseudobaccharis rhexioides (Kunth) V. M. Badillo, *Bol. Soc. Venez. Ci. Nat. 10*: 306. 1946.

≡ **Baccharis trinervis** var. **rhexioides** (Kunth) Baker

Pseudobaccharis sergiloides Malag., *Notulae Syst. 15*(3): 295. 1958 [nom. inval., Art. 32.5]

≡ **Baccharis sergiloides** A. Gray

Pseudobaccharis spartioides (Hook. & Arn. ex DC.) Cabrera, *Notas Mus. La Plata 9*: 250. 1944.

≡ **Baccharis psiadioides** (Less.) Joch. Müll.

Pseudobaccharis tenella (Hook. & Arn.) Cabrera, *Not. Mus. La Plata 9*: 248. 1944.

≡ **Baccharis tenella** Hook. & Arn.

Pseudobaccharis trinervis (Pers.) V. M. Badillo, *Bol. Soc. Venez. Ci. Nat. 10*: 306. 1946.

≡ **Baccharis trinervis** Pers.

Pseudobaccharis trinervis var. *paulensis* (Heering) Malag., *Contr. Inst. Geobiol. La Salle 2*: 47. 1952. *Pseudobaccharis trinervis* f. *paulensis* (Heering) Malag., *Contr. Inst. Geobiol. La Salle 2*: 35. 1953.

≡ **Baccharis trinervis** Pers.

Pseudobaccharis vernonioides Malag., *Contrib. Inst. Geobiol. Canoas 8*: 36. 1957 [nom. nud.] Original material: Brazil; "8c Uster" (not seen)

= **Baccharis rufidula** (Spreng.) Joch. Müll.?

Psila boliviensis (Wedd.) Cabrera, *Bol. Soc. Argent. Bot. 5*: 210. 1955.

≡ **Baccharis boliviensis** (Wedd.) Cabrera

Psila boliviensis var. *latifolia* (R. E. Fr.) Cabrera, *Bol. Soc. Argent. Bot. 5*: 210. 1955.

≡ **Baccharis boliviensis** (Wedd.) Cabrera

Psila brachylaenoides (DC.) Aristeg., *Fl. Venezuela 10*(1): 316. 1964.

= **Baccharis oblongifolia** (Ruiz & Pav.) Pers.

Psila brachylaenoides var. *ligustrina* (DC.) Aristeg., *Fl. Venez.* 10(1): 317. 1964.
= ***Baccharis oblongifolia*** (Ruiz & Pav.) Pers.

Psila caespitosa Phil., *Anal. Mus. Nac. Chile, Bot.* 8: 36. 1891. Type: ?
= ***Baccharis acaulis*** (Wedd. ex R. E. Fr.) Cabrera

Psila cinnamomifolia (Kunth) Aristeg., *Fl. Venez. Comp.* 1: 315. 1964.
= ***Baccharis pedunculata*** (Mill.) Cabrera

Psila cotinifolia Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 178. 1977 [pro syn. *Baccharis pedunculata* (Mill.) Cabrera]

Psila densa (N. E. Br.) V. M. Badillo, *Bol. Soc. Venez. Ci. Nat.* 23: 293. 1963.
≡ ***Baccharis densa*** (N. E. Br.) V. M. Badillo

Psila heeringiana Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 178. 1977 [pro syn. *Baccharis pseudoheeringiana* Malag.]

Psila ligustrina (DC.) Cabrera, *Bol. Soc. Argent. Bot.* 5: 211. 1955.
= ***Baccharis oblongifolia*** (Ruiz & Pav.) Pers.

Psila nivalis Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 178. 1977 [pro syn. *Baccharis nivalis* (Wedd.) Sch. Bip. ex Phil.]

Psila polycephala Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 178. 1977 [pro syn. *Baccharis pseudopolycephala* Malag.]

Psila retamoides (Phil.) Cabrera, *Bol. Soc. Argent. Bot.* 5: 211. 1955.
≡ ***Baccharis retamoides*** Phil.

Psila sergiloides Malag., *Mem. Soc. Ci. Nat. La Salle* 37: 178. 1977 [pro syn. *Baccharis sergiloides* A. Gray]

Psila spartioides (Hook. & Arn. ex DC.) Cabrera, *Bol. Soc. Argent. Bot.* 5: 211. 1955.
≡ ***Baccharis psiadioides*** (Less.) Joch. Müll.

Psila tenella (Hook. & Arn.) Cabrera, *Bol. Soc. Argent. Bot.* 5: 210. 1955.
≡ ***Baccharis tenella*** Hook. & Arn.

Psila trinervis (Pers.) Cabrera, *Bol. Soc. Argent. Bot.* 5: 211. 1955.
≡ ***Baccharis trinervis*** Pers.

Sergilus scoparius (L.) Gaertner, *Fruct. sem. pl.* 2: 409. 1791.
≡ ***Baccharis scoparia*** (L.) Sw.

Stephananthus junceus Lehm., *Sem. horto bot. hamb.* 18. 1826. Type: not designated;
Botanical Garden Hamburg, s. coll., ♂ (S!, holotype, BR!, isotype?)
= ***Baccharis juncea*** (Cass.) Desf.

Tursenia humifusa Cass. ex B. D. Jacks., *Ind. kew.* 2: 1139 [pro syn. *Baccharis humifusa* Kunth]

Tursenia sinuata Cass. ex B. D. Jacks., *Ind. kew.* 2: 1139 [pro syn. *Baccharis sinuata* Kunth]

Vernonia libertadensis S. B. Jones, *Fieldiana, Bot., N. Ser.* 5: 31. 1980.

≡ ***Baccharis libertadensis*** (S. B. Jones) H. Rob.

Vernonia otavalensis Gilli, *Feddes Repert.* 94: 313. 1983. Type: Ecuador, Imbabura; "Eucalyptus-Wald bei Otavalo, 2500 m, 16. 7. 1975, fl. 413"; ♂ (W!, holotype)

= ***Baccharis latifolia*** (Ruiz & Pav.) Pers.