
Lectotypification of *Miconia*, *Octomeris*, and *Staphidium* (Melastomataceae) Names Described by Naudin

Claire V. Martin

The Ohio State University, Department of Evolution, Ecology and Organismal Biology, 314 Aronoff Laboratory, 318 W. 12th Ave., Columbus, Ohio 43210, U.S.A.; New York Botanical Garden, 200th St. & Southern Blvd., Bronx, New York 10458, U.S.A. clairemiconia@gmail.com

Georges Cremers

IRD, National Museum of Natural History, Systematics and Evolution Department, UMS 0602, Case postale 39, 16 rue Buffon, F-75231 Paris cedex 05, France. gecremers@wanadoo.fr

Renato Goldenberg

Universidade Federal do Paraná, Departamento de Botânica, C.P. 19031, CEP 81531-970, Curitiba, Paraná, Brazil. rgolden@ufpr.br

ABSTRACT. Thirty Neotropical *Miconia* Ruiz & Pavón taxa described by Naudin and available in BR or P have been lectotypified: *M. alternans* Naudin, *M. amygdalina* Naudin, *M. anceps* Naudin, *M. axilliflora* Naudin, *M. brachystyla* Naudin, *M. bracteolaris* Naudin, *M. claussenii* Naudin, *M. fothergilla* (DC.) Naudin var. *gracilipes* Naudin, *M. impetiolearis* (Swartz) D. Don var. *pandurifolia* Naudin, *M. lucida* Naudin, *M. melanodendron* Naudin, *M. molybdea* Naudin, *M. myriocarpa* Naudin, *M. myrtillifolia* Naudin, *M. obovalis* Naudin, *M. otodesma* Naudin, *M. plukenetii* Naudin, *M. proteoides* A. Saint-Hilaire & Naudin, *M. rhamnioidea* Naudin, *M. rhytidophylla* Naudin, *M. riedelii* Naudin, *M. rivoeriae* Naudin, *M. stellifera* Naudin, *M. stipularis* Naudin, *M. tentaculifera* Naudin, *M. tococoides* Naudin, *M. versicolor* Naudin, *M. verticilliflora* Steudel ex Naudin, *Octomeris macrodon* Naudin, and *Staphidium triste* Richard ex Naudin.

RESUMO. Neste trabalho foram lectotipificados trinta táxons neotropicais pertencentes a *Miconia* Ruiz & Pavón, descritos por Naudin e depositados em BR ou P: *M. alternans* Naudin, *M. amygdalina* Naudin, *M. anceps* Naudin, *M. axilliflora* Naudin, *M. brachystyla* Naudin, *M. bracteolaris* Naudin, *M. claussenii* Naudin, *M. fothergilla* (DC.) Naudin var. *gracilipes* Naudin, *M. impetiolearis* (Swartz) D. Don var. *pandurifolia* Naudin, *M. lucida* Naudin, *M. melanodendron* Naudin, *M. molybdea* Naudin, *M. myriocarpa* Naudin, *M. myrtillifolia* Naudin, *M. obovalis* Naudin, *M. otodesma* Naudin, *M. plukenetii* Naudin, *M. proteoides* A. Saint-Hilaire & Naudin, *M. rhamnioidea* Naudin, *M. rhytidophylla* Naudin, *M. riedelii* Naudin, *M. rivoeriae*

Naudin, *M. stellifera* Naudin, *M. stipularis* Naudin, *M. tentaculifera* Naudin, *M. tococoides* Naudin, *M. versicolor* Naudin, *M. verticilliflora* Steudel ex Naudin, *Octomeris macrodon* Naudin e *Staphidium triste* Richard ex Naudin.

Key words: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Jamaica, lectotypification, Martinique, Melastomataceae, Mexico, *Miconia*, Naudin, Neotropics, *Octomeris*, Panama, *Staphidium*, Surinam, Venezuela.

Charles V. Naudin (1815–1899), a French botanist, worked at the Muséum National d'Histoire Naturelle in Paris from 1845 to 1869 (Dayrat, 2003). His works were based mainly on hybridization (Naudin, 1861, 1863, 1875), evolution (Naudin, 1874), and taxonomy. His taxonomic studies covered several plant families, such as the Cucurbitaceae (Naudin, 1852, 1856, 1859) and *Eucalyptus* L'Héritier de Brutelle (Naudin, 1891), but his most important contribution was on the Melastomataceae (Naudin, 1849–1853). Naudin was a pioneer on this family, preceded by A. Bonpland, D. Don, A. P. de Candolle (Renner, 1993), and G. Raddi (Goldenberg & Baldini, 2003). Many of the specialists that followed Naudin, such as Triana (1871) and Cogniaux (1891), would base their works on his. Naudin described more than 700 new species of Melastomataceae in 13 articles, all published through the *Annales des Sciences Naturelles (Troisième Série, Botanique)* and later reprinted in a consolidated form (Naudin, 1849–1853). The Miconieae were treated mostly in one article published by Naudin in 1851 (Naudin, 1849–1853), where he recognized 201 species of *Miconia*

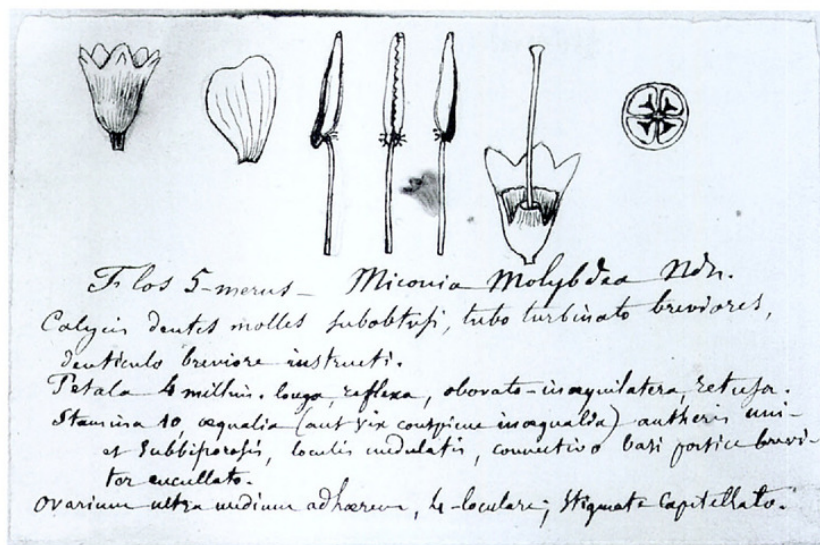


Figure 1. Drawing and description from Naudin's herbarium specimen for *Miconia molybdea* (de Castelnau 40, P lectotype).

Ruiz & Pavón (180 of them new) and transferred an additional 102 taxa to the genus. Among Naudin's 180 new species of *Miconia*, 149 were based on single collections, these being then regarded as holotypes, and 31 species were based on syntypes.

Naudin worked almost exclusively on the material available at P (G. Aymonin, pers. comm.) and made detailed drawings on the label of one specimen for each species he described (Fig. 1). These drawings oriented us in our specimen choice for the lectotype. His handwriting is shown in Figure 2.

Miconia is the largest genus in the Melastomataceae, containing almost one quarter of the species diversity in the family (1051 following Goldenberg, 2000). All species of *Miconia* are native to the New World (Renner, 1993), but some have been introduced in other regions, becoming weeds in Hawaii (Conant,

1998) and Tahiti (Fosberg & Sachet, 1981). This genus has been recognized as paraphyletic by recent authors (Judd & Skee, 1991; Clausen & Renner, 2001), with several lineages deriving from within it that have been traditionally treated as distinct genera, like *Tococa* Aublet, *Conostegia* D. Don, *Tetrazygia* Richard ex DC., *Leandra* Raddi, and others (Michelangeli et al., 2004). The actual state of taxonomic knowledge of the group, in the traditional point of view, is very poor, since Cogniaux's last revision dates from the 19th century (Cogniaux, 1891). In this revision, he recognized 518 species of *Miconia*, which are nearly half of the ones recognized today. The genus name *Miconia* is a nomen conservandum. The work of Kuntze (1891) on the synonymization of *Miconia* to *Acinodendron* Rafinesque is not accepted by any recent Melastomataceae taxonomists.

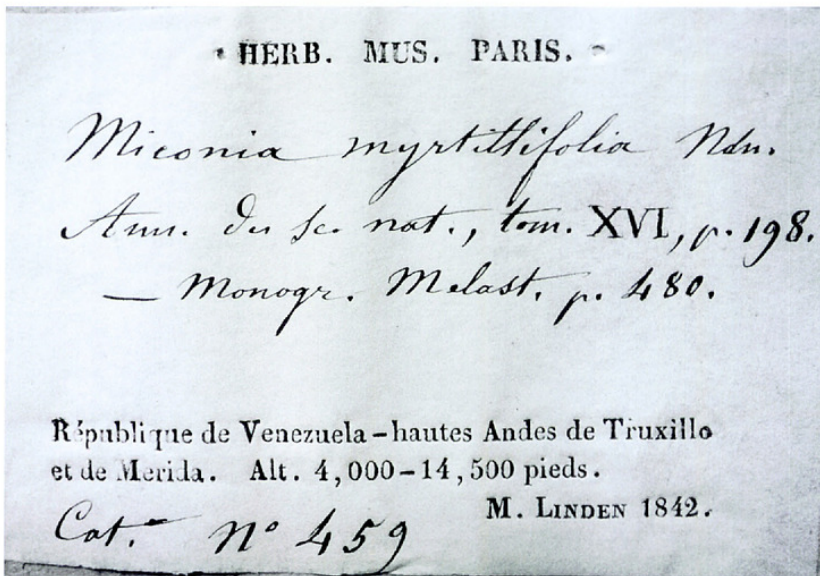


Figure 2. Handwriting on label from Naudin's herbarium specimen for *Miconia myrtillifolia* (J. J. Linden 459, P lectotype).

Due to this lack of knowledge, there are gaps in information about types that we are attempting to resolve through the databasing of type information in a project called "Index of the Type Specimens of *Miconia*." Information about the types of *Melastoma* L. (as basionym of some *Miconia* species) described by Raddi (Goldenberg & Baldini, 2003) has already been provided, and those described by Cogniaux and other authors are being prepared. In this work, we made all lectotypifications of the *Miconia* species described by Naudin based on syntypes. In all cases, we chose the richer or more complete specimens as lectotype, and of those specimens, those bearing Naudin's drawings and description were our first choice.

NEW LECTOTYPIFICATIONS

1. ***Miconia alternans*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 161 [in adnotationes p. 720]. 1850 [1851]. *Acinodendron alternans* (Naudin) Kuntze, Revis. Gen. Pl. 2: 950. 1891, as "*Acinodendrum*." TYPE: French Guiana. Cayenne: *J. Martin* s.n. (lectotype, designated here, P; duplicates, BR, P [4]).

Selected specimen. FRENCH GUIANA. **Cayenne:** *F. M. Leprieur* s.n. (syntypes, BM, BR, P [2]).

2. ***Miconia amygdalina*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 141. 1850 [1851]. TYPE: Brazil. Rio de Janeiro: *C. Gaudichaud* 723 (lectotype, designated here, P; duplicates, P [2]).

This taxon was previously referred to *Miconia fasciculata* Gardner, fide Cogniaux (1891).

Selected specimen. BRAZIL. **Rio de Janeiro:** *C. Gaudichaud* 735 (syntypes, P [3]).

3. ***Miconia anceps*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 150. 1850 [1851]. TYPE: Colombia. Tolima: Mariquita, *A. J. Bonpland* s.n. (lectotype, designated here, P; duplicates, P [4]).

This taxon was previously referred to *Miconia trinervia* (Swartz) D. Don ex Loudon, fide Wurdack (1973), as well as Wurdack et al. (1993).

Selected specimen. PERU. **Huanuco:** Cutervo, *E. F. Poeppig* 1733 (syntype, P).

4. ***Miconia axilliflora*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 179. 1850 [1851]. *Acinodendron axilliflorum* (Naudin) Kuntze, Revis. Gen. Pl. 2: 949. 1891, as "*Acinodendrum*." TYPE: French Guiana. 1842, *Mélinon* 86 (lectotype, designated here, P; duplicates, P [3]).

This taxon was previously referred to *Miconia acuminata* (Steudel) Naudin, fide Cogniaux (1891), as well as Wurdack et al. (1993).

Selected specimens. FRENCH GUIANA. **Cayenne:** Near Cayenne, *F. M. Leprieur* s.n. (syntypes, P [2]); *J. Martin* s.n. (syntype, P); 1842, *Mélinon* 175 (syntype, P).

5. ***Miconia brachystyla*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 230. 1850 [1851]. TYPE: Mexico. Near Oaxaca, 1840, *H. G. Galeotti* 2928 (lectotype, designated here, P).

This taxon was previously referred to *Miconia glaberrima* (Schlechtendal) Naudin, fide Cogniaux (1891), as well as Macbride (1941), Standley and Williams (1963), and Almeda (2001).

Selected specimen. MEXICO. **Chiapas:** Near Chiapas, *J. Linden* 5 (syntype, P).

6. ***Miconia bracteolaris*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 150. 1850 [1851]. TYPE: French Guiana. Cayenne: *J. Martin* s.n. (lectotype, designated here, P; duplicates, P [2]).

This taxon was previously referred to *Miconia eriodonta* DC., fide Cogniaux (1891) and Wurdack et al. (1993).

Selected specimen. FRENCH GUIANA. **Cayenne:** *F. M. Leprieur* s.n. (syntypes, P [2]).

7. ***Miconia clausenii*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 143. 1850 [1851]. TYPE: Brazil. Minas Gerais: 1838, *P. Claussen* s.n. (lectotype, designated here, P; duplicates, K [2] [1636, 1 n°16], P).

This taxon was previously referred to *Miconia pepericarpa* DC., fide Cogniaux (1891).

Selected specimens. BRAZIL. **Minas Gerais:** 1838, *P. Claussen* 566 (syntypes, BR [2], P [3]); 1842, *Dupré* 61 B (syntype, P).

8. ***Miconia fothergilla*** (DC.) Naudin var. ***gracilipes*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 120. 1850 [1851]. TYPE: Mexico. Oaxaca: 3000 ft. [1000 m], *H. G. Galeotti* 2955 (lectotype, designated here, P; duplicates, C not seen, P, P fragment at BR).

This taxon was previously referred to *Miconia dodecandra* (Desrousseaux) Cogniaux var. *gracilipes* (Naudin) Cogniaux, fide Cogniaux (1891) and Wurdack (1980).

Selected specimen. MEXICO. **Oaxaca:** 1845, *F. M. Liebmann* s.n. (syntypes, C not seen, P).

9. ***Miconia impetio*** (Swartz) D. Don var. ***pandurifolia*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 137. 1850 [1851]. TYPE: Panama, 1851, *E. Duchassaing s.n.* (lectotype, designated here, P; duplicates, P [2]).

Selected specimen. COLOMBIA. Near Guaduas, 1801, *A. J. Bonpland 1752* (syntypes, P [3]).

10. ***Miconia lucida*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 196. 1850 [1851]. *Acinodendron lucidum* (Naudin) Kuntze, Revis. Gen. Pl. 2: 951. 1891, “*Acinodendrum*.” TYPE: Venezuela. “Andes de Truxillo et Merida,” 4000–14500 ft. [1320–4785 m], 1843, *J. J. Linden 307* (lectotype, designated here, P; duplicates, BR, GH not seen, P).

This taxon was previously referred to *Miconia ulmarioides* Naudin, fide Cogniaux (1891), as well as Wurdack (1973).

Selected specimen. VENEZUELA. Caracas: 1842, *J. J. Linden 222* (syntype, P).

11. ***Miconia melanodendron*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 162. 1850 [1851]. TYPE: Brazil. Minas Gerais: 1838, *P. Claussen 560* (lectotype, designated here, P; duplicates, P [4], US).

This taxon was previously referred to *Miconia minutiflora* (Bonpland) DC., fide Cogniaux (1891), as well as D’Arcy (1987), Brako and Zarucchi (1993), Wurdack et al. (1993), Jørgensen and León-Yáñez (1999), Almeda (2001), and Berry et al. (2001).

The year (1830) seen in the specimen label of *Poeppig 1741* from BR is probably a mistake.

Selected specimens. BRAZIL. s. loc., *Herb. Martius* [Herb. Bras. 505] (syntypes, BR, P); Bahia, *P. Salzman s.n.* (syntypes, BR, P [4]). PERU. s. loc., 1834, *E. F. Poeppig 1741* (syntype, P).

12. ***Miconia molybdea*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 185. 1850 [1851]. *Acinodendron molybdeum* (Naudin) Kuntze, Revis. Gen. Pl. 2: 952. 1891. TYPE: Bolivia. Santa Cruz: Sep. 1845, *F. de Castelnau 40* (lectotype, designated here, P). Figure 1.

Selected specimen. BOLIVIA. Valle Grande: *C. V. d’Orbigny 519* (syntype, P, P photo at F [F-223477] not seen).

13. ***Miconia myriocarpa*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 231. 1850 [1851]. TYPE:

Mexico. Oaxaca: 1000 m, *H. G. Galeotti 2956* (lectotype, designated here, P).

This taxon was previously referred to *Miconia glaberrima* (Schlechtendal) Naudin, fide Cogniaux (1891), as well as Standley and Williams (1963).

Selected specimen. MEXICO. s. loc., 1845, *F. M. Liebmann s.n.* (syntype, P).

14. ***Miconia myrtillifolia*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 198. 1850 [1851]. *Acinodendron myrtillifolium* (Naudin) Kuntze, Revis. Gen. Pl. 2: 952. 1891, as “*Acinodendrum*.” TYPE: Venezuela. “Truxillo et Merida,” 2000–3000 m, 1842, *J. J. Linden 459* (lectotype, designated here, P; duplicates, BR, GH not seen, NY, P). Figure 2.

Selected specimen. VENEZUELA. Mérida: 6500 ft. [2145 m], Sep. 1846, *N. Funck & L. Schlim 918* (syntypes, BR [3], P [2]).

15. ***Miconia obovalis*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 183. 1850 [1851]. TYPE: Jamaica. *Wilson s.n.* (lectotype, designated here, P).

This taxon was previously referred to *Miconia splendens* (Swartz) Grisebach, fide Wurdack (1973), as well as Wurdack et al. (1993).

The lectotype has been mentioned by Wurdack (1971) and Wurdack et al. (1993), but without further information for the designation. No other record for this lectotypification has been found or seen on the specimen in P. Nevertheless, we confirm this lectotypification here, by choosing again the specimen of *Wilson s.n.* at P cited in the protologue. Despite the fact that the specimen *A. J. Bonpland s.n.* from Brazil was also mentioned in the protologue, it actually belongs to *Miconia egensis* Cogniaux, and thus could not be chosen as the lectotype.

16. ***Miconia otodesma*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 205. 1850 [1851]. TYPE: Colombia. Near Bogota, *A. J. Bonpland s.n.* (lectotype, designated here, P; duplicate, P).

This taxon was previously referred to *Miconia squamulosa* (Smith) Triana, fide Triana (1871), as well as Cogniaux (1891) and Wurdack (1973).

Selected specimens. COLOMBIA. [As “Nlle. Grenade”], Bogota, 1844, *J. Goudot s.n.* (syntype, P). ECUADOR. Near Quito, *W. Jameson s.n.* (syntype, P not seen).

17. ***Miconia plukenetii*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 116. 1850 [1851]. *Acinoden-*

dron plukenetii (Naudin) Kuntze, Revis. Gen. Pl. 2: 952. 1891, as "*Acinodendrum*." TYPE: Guyana. *Rob. Schomburgk II 1008* (lectotype, designated here, P; duplicates, BM, K, P [2]).

Selected specimen. WEST INDIES. "Antilles," ex *Herb. Banks s.n.* (syntype, P, P photo at F [F-036278] not seen).

18. ***Miconia proteoides*** A. Saint-Hilaire & Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 141. 1850 [1851]. TYPE: Brazil. Rio de Janeiro: *C. Gaudichaud 736* (lectotype, designated here, P; duplicates, P [2]).

This taxon was previously referred to *Miconia cinerascens* Miquel, fide Cogniaux (1891) and Zuloaga (1999).

Selected specimens. BRAZIL. **Rio de Janeiro:** Corcovado, Jan. 1839, *Broth. M. Guillemín 253* (syntypes, P [2]); Rio de Janeiro, *Lalande 736* (syntype, P). **São Paulo:** *A. St. Hilaire s.n.* [Cat. 1113] (syntypes, P [2]).

19. ***Miconia rhamnoides*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 226. 1850 [1851]. TYPE: Colombia. Near Quindiu, *A. J. Bonpland s.n.* (lectotype, designated here, P; duplicate, P).

This taxon was previously referred to *Miconia ligustrina* (Smith) Triana, fide Cogniaux (1891), as well as Wurdack (1980) and Jørgensen and León-Yáñez (1999).

Selected specimens. COLOMBIA. [As "Nlle Grenade"]. 1844, *J. Goudot s.n.* (syntype, P). PERU. Mt. Saraguru, *A. J. Bonpland s.n.* (syntype, P).

20. ***Miconia rhytidophylla*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 139. 1850 [1851], non *Miconia desmantha* Benth., Pl. Hartw. 181. 1845. Replaced Name: *Clidemia desmantha* Benth., in Hook. J. Bot. 2: 309. 1840. *Acinodendron rhytidophyllum* (Naudin) Kuntze, Revis. Gen. Pl. 2: 952. 1891. TYPE: Brazil. Amazonas: Pedrero, 1839–1840, *Rob. Schomburgk I. 884* (lectotype, designated here, P; duplicates, GH not seen, K not seen, NY [2], P [2], P fragment at BR).

Selected specimen. BRAZIL. "Brazil septentrional," s. loc., *Lalande s.n.* (syntype, P).

21. ***Miconia riedelii*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 125. 1850 [1851]. *Acinodendron riedelii* (Naudin) Kuntze, Revis. Gen. Pl. 2: 952. 1891. TYPE: Brazil. Minas Gerais: Feb. 1839, *L. Riedel 4* (lectotype, designated here, P;

duplicates, G not seen, G photo at F [F-223582] not seen, P fragment at BR).

Selected specimen. BRAZIL. **Minas Gerais:** ad Parahyba, 1841, *P. Claussen 30* (syntype, P).

22. ***Miconia rivoeriae*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 170. 1850 [1851]. *Cremanium rivoeriae* (Naudin) Grisebach, Fl. Brit. W.I. 262. 1860. TYPE: Martinique. 1839, *Mlle Rivoire s.n.* (lectotype, designated here, P; duplicates, GH not seen, P [2]).

This taxon was previously referred to *Miconia trichotoma* (Desrousseaux) DC., fide Howard and Kellogg (1986).

Selected specimen. GUADELOUPE. s. loc., *F. L. L'Hermier s.n.* (syntypes, P [2]).

23. ***Miconia stellifera*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 142. 1850 [1851]. TYPE: Ecuador. Saraguru, *A. J. Bonpland s.n.* (lectotype, designated here, P).

This taxon was previously referred to *Miconia barbinervis* (Benth.) Triana, fide Almeda (2001).

Selected specimen. PERU. Prov. Maynas alto, *E. F. Poeppig 864* (syntype, P).

24. ***Miconia stipularis*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 194. 1850 [1851]. TYPE: Colombia. Mt. Quindiu, *A. J. Bonpland s.n.* (lectotype, designated here, P; duplicates, P [2]).

Selected specimen. COLOMBIA. **Bogotá:** ad Fusagasuga, *J. J. Linden 819* (syntypes, BR [3], G not seen, G photo at F [F-026039] not seen, P).

25. ***Miconia tentaculifera*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 241. 1850 [1851]. *Acinodendron tentaculiferum* (Naudin) Kuntze, Revis. Gen. Pl. 2: 953. 1891. TYPE: Brazil. Minas Gerais: *P. Claussen 54* (lectotype, designated here, P; duplicates, F, G, L, P [4]).

Selected specimens. BRAZIL. **Rio de Janeiro:** *Herb. Martius* [Herb. Bras. 944] (syntypes, BM, BR [2], FL, G, K, L, M, MO, NY, P, P photo at F [F-036302] not seen, S); **São Paulo:** *C. Gaudichaud 781* (syntype, P).

26. ***Miconia tococoides*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 127. 1850 [1851]. TYPE: Mexico. Oaxaca: Totutla, 1842, *A. B. Ghiesbrecht 65* (lectotype, designated here, P; duplicate, P).

This taxon was previously referred to *Miconia mexicana* (Bonpland) Naudin, fide Cogniaux (1891), as well as Sandley and Williams (1963), Balick et al. (2000), and Almeda (2001).

Selected specimen. MEXICO. **Oaxaca:** Xalapa, 4000 ft. [1320 m], 1840, *H. G. Galeotti* 2922 (syntypes, BR [3], P [2]).

- 27. *Miconia versicolor*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 189. 1850 [1851]. *Acinodendron versicolor* (Naudin) Kuntze, Revis. Gen. Pl. 2: 953. 1891. TYPE: Colombia. "Along the Orenoque Fl.," Popayán, *A. J. Bonpland* 1915 (lectotype, designated here, P; duplicates, G not seen, P).

Selected specimen. COLOMBIA. [As "Nlle. Grenade"], 1844, *J. Goudot s.n.* (syntype, P).

- 28. *Miconia verticilliflora*** Steudel ex Naudin, Ann. Sci. Nat., Bot., sér. 3, 16: 122. 1850 [1851]. TYPE: French Guiana. Cayenne: *J. Martin s.n.* (lectotype, designated here, P; duplicate, P).

This taxon was previously referred to *Miconia pubipetala* Miquel, fide Wurdack et al. (1993).

Note: Both syntypes as mentioned in the protologue of Naudin have been used previously by other authors for other species.

The collection *Hostman* or *Kappler* 896 is the type of *Miconia pubipetala* Miquel described in 1850. The specimen *Schomburgk* I. 483 was referred as the type of *Diplochita parviflora* by Benthham (1840) before its inclusion as a syntype within the description of *M. verticilliflora*.

Selected specimens. GUYANA. **Berbice:** *Rob. Schomburgk* I. 483 (syntypes [type, *Diplochita parviflora* Benthham], BR, K not seen, P [3]). SURINAM. s. loc., *Hostman* or *Kappler* 896 (syntypes [type, *Miconia pubipetala* Miquel], P [3], U not seen).

- 29. *Octomeris macrodon*** Naudin, Ann. Sci. Nat., Bot., sér. 3, 4: 53. 1845. *Heterotrichum macrodon* (Naudin) Planchon ex Hooker f., Bot. Mag., t. 4421. 1849. *Miconia macrodon* (Naudin) Wurdack, Phytologia 22: 400. 1972. TYPE: Venezuela. "Andes of Trujillo and Lima," 1842, *J. J. Linden* 365 (lectotype, designated here, P; duplicate, P).

Selected specimen. VENEZUELA. **Caracas:** Oct. 1843, *N. Funck* 382 (syntype, P).

- 30. *Staphidium triste*** Richard ex Naudin, Ann. Sci. Nat., Bot., sér. 3, 17: 320. 1852. TYPE:

Surinam. Para: Feb.–Apr. 1844, *A. Kappler* 1413a (lectotype, designated here, P; duplicates, P [2]).

This taxon was previously referred to *Miconia bracteata* (DC.) Triana, fide Triana (1871), as well as Cogniaux (1891), Macbride (1941), Brako and Zarucchi (1993), Wurdack et al. (1993), and Berry et al. (2001).

Selected specimens. FRENCH GUIANA. Near Cayenne, 1838, *F. M. Leprieur* 163 (syntype, P, P photo at F [F-223247] not seen).

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