

Electronic appendix to:

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Supplement to the “*Catalogue of Brazilian plants collected by Prince Maximilian of Wied*”

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Appendix – Supplement list to the “*Catalogue of Brazilian plants collected by Prince Maximilian of Wied*”.

**SUPPLEMENT TO THE
CATALOGUE OF BRAZILIAN PLANTS COLLECTED BY PRINCE
MAXIMILIAN OF WIED**

(NEW SPECIMENS LOCATED, ADDITIONS AND CORRECTIONS)

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CATALOGUE OF BRAZILIAN PLANTS COLLECTED BY PRINCE MAXIMILIAN OF WIED

The list of Wied collections reported in Moraes *et al.* (2013) was originally conceived from the names of species mainly treated in Martius's *Flora Brasiliensis*, in the *Beitrag zur Flora Brasiliensis* (Wied-Neuwied 1823, 1824), and in the publications by Schrader (1821, 1824) and by Nees von Esenbeck (1821a, 1821b). There are at least 913 species names in the *Flora Brasiliensis*, for which Wied's collections have been cited among the material examined by the authors. For those cases, the respective citation of the treatment in *Flora Brasiliensis* is presented along with the citation of the *opus princeps* and of other relevant literature. Names without citation in *Flora Brasiliensis* are mainly related to specimens that have been located in herbaria during the work of searching for Wied material, and that were not in the original list compiled from literature. No effort has been made here to enumerate the full synonymy for each name, since this information can be found elsewhere. Names indicated in square brackets refer to the cases of citations found in literature that do not agree with the current accepted names, or to the cases where current accepted names and/or synonyms are not homotypic. Accepted names appear in **boldface italics**, synonyms in *italics*. Homotypic synonyms are indicated by the symbol “≡”, whereas heterotypic synonyms are indicated by “=”. Entries that show no current accepted name refer to the cases where the status of the name is unknown or dubious.

Names of localities (toponyms) indicated in square brackets refer to the current names for the former ones annotated on labels, or in the protologues. Similarly, dates of collections that are in square brackets refer to the ones indicated by Wied in his travelogue. The numbers of collections given by Schrader, Nees, Menke, and/or Klenze (Klaenze) have been indicated in parentheses, whenever available from the labels, or from the literature.

In this supplement to the *Catalogue* (Moraes *et al.*, 2013), only the entries which afterwards have any sort of change are listed under the original number presented there. Additions of names/specimens that previously have not been contemplated in the *Catalogue* are here inserted under the mark “❖”, in alphabetical order from the sequence presented originally. The format adopted here is the same as the one in the *Catalogue*.

SPERMATOPHYTA

ACANTHACEAE

28. *Lagochilium maximilianum* Nees, *Fl. Bras.* 9: 85 (1847), as ‘*maximilianeum*’.

≡ *Aphelandra maximiliana* (Nees) Benth. in Bentham & Hooker filius, *Gen. Pl.* 2: 1103 (1876).

TYPE: BRAZIL. Espírito Santo: “in sylvis Arassatibae prope Barra do Jucu” [Fazenda Araçatiba], *Wied s.n.* [BR0000006943035, *lectotype*; *isolectotypes*: BR0000013218461, BR0000013218478, GOET 000752, GZU 000250152].

❖ *Ruellia viscidula* Mart. ex Schrank, *Pl. Rar. Hort. Monac.* 2: t. 93 (1822), *vel affinis*.

Specimen: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [LE].

Note: Annotated by Schrader with “*Barleria viscidula* Mart.”.

47. *Stenandrium mandioccanum* Nees, *Fl. Bras.* 9: 76 (1847).

[*Blechnum brasiliense* Mart. ex Nees in DC., *Prodr.* 11: 284 (1847), *nom. invalid.*].

TYPE: BRAZIL. Rio de Janeiro: Cabo Frio, August – September 1815, *Wied s.n.* [BR0000005188703, BR0000013066888 (mounted together with *Luschnath s.n.*), GZU 000250374, Herbarium Wied nr. 124, *syntypes*].

ALSTROEMERIACEAE

58. *Alstroemeria ligtu* L., *Pl. Alströmeria* 10 (1762) *fide* Schrader in *Gött. Gel. Anz.* 1821(2): 708 (1821); Nees, *Flora* 4: 327 (1821).

Specimens: BRAZIL. Rio de Janeiro: Cabo Frio, 1815, *Wied s.n.* (Schrader nr. 8) [LE, MEL 2353728].

AMARANTHACEAE

63. *Schultesia capitata* Schrad., *Gött. Gel. Anz.* 1821(2): 708 (1821); Wied-Neuwied (1820: 341; 1821: 342).

≡ *Gomphrena capitata* (Schrad.) P.L.R.Moraes, *Scripta Bot. Belg.* 49: 35 (2013).

≡ *Gomphrena rupestris* Nees, *Flora* 4: 296, 327 (1821).

≡ *Gomphrena schultesia* Mart., *Beitr. Amarantac.* 94 (1825), *nom. illegit.*; idem, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 13: 302 (1826); idem, *Fl. Bras.* 5(1): 203 (1875).

TYPE: BRAZIL. Bahia, “Rio Grande de Belmonte” [Rio Jequitinhonha], 1816, *Wied s.n.* (Nees von Esenbeck nr. 33.33; Schrader nr. 9) [BR0000006954604, *lectotype*; *isolectotypes*: GOET 000083, LE, MEL 2331222].

AMARYLLIDACEAE

65. *Griffinia parviflora* Ker-Gawl., *Bot. Reg.* 6: t. 511 (1821); Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 10 (1823); Seubert in *Fl. Bras.* 3(1): 157 (1847).

Specimens: BRAZIL. Bahia: “in umbris tenebrosis circa flumen *Ilhèos* torrentium ripas incolens” (ad via Felisbertia), December 1816, *Wied s.n.* (Menke nr. 85; Nees von Esenbeck nr. VIII) [BR0000005110537, BR0000005110209, LE, MEL 2353726].

ANACARDIACEAE

69. [*Spondias venosa* Mart. ex Colla, *Herb. Pedem.* 2: 37 (1834)].

Spondias venulosa (Engl.) Engl., *Monogr. Phan.* 4: 245 (1883).

Specimens: BRAZIL. Loco haud indicato, “Camp.”, s.d., *Wied s.n.* [BR0000005172832, BR0000013052812, LE].

ANNONACEAE

73. *Hornschuchia bryotrophe* Nees, *Flora* 4: 302 (1821); idem, *Denkschr. Bot. Ges. Regensb.* 2: 161, t. 11 (1822); Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 12: 23 (1824); Miquel in *Fl. Bras.* 7: 17 (1856).

TYPE: BRAZIL. Bahia: “strauchartige Gewächse des Urwalds um die Strasse des Capitains Filisberto” [via Felisbertia], December 1816, *Wied s.n.* (34; Nees von Esenbeck nr. 34) [BR0000006593025 (annotated by Nees), *holotype*; *isotypes*: BR0000006593353, M 0240081, MEL 2123975, NY 00008358].

ANTHERICACEAE

76. *Hagenbachia brasiliensis* Nees & Mart. in Schult., *Mant.* 1: 353 (1822); Nees & Martius in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 19, t. 2 (1823); Seubert in *Fl. Bras.* 3(1): 63 (1847).

≡ *Chlorophytum brasiliense* (Nees & Mart.) Ravenna in G.T. Prance & T.S. Elias, *Extinction is Forever* 265 (1977).

TYPE: BRAZIL. Bahia: “ad viam silvestrem, quae ducit in Minas, solo sicco”, December 1816, *Wied s.n.* (XXII) [BR0000016150867, *lectotype* designated by Cruden *et al.* in *Taxon* 40: 445–446 (1991); U 0256226 (photocopy)].

Specimen: BRAZIL. Bahia: “Str.[aße] d.[es] C.[olonel] F.[elisberto] B.[rant]”, January 1817, *Wied s.n.* (Nees von Esenbeck nr. CXX) [BR0000016150836].

APOCYNACEAE

❖ *Allamanda oenotherifolia* Pohl, *Pl. Bras. Icon. Descr.* 1: 71, pl. 57 (1827).

Specimen: BRAZIL. Bahia: “Rio Belmonte”, s.d., *Anonymous* [Wied] *s.n.* [K 000965648].

80. *Allamanda puberula* A.DC., *Prodr.* 8: 319 (1844).

Specimens: BRAZIL. Bahia: “Barra da Vareda” [Inhobim], January 1817, *Wied s.n.* (Schrader nr. 42; Nees von Esenbeck nr. 42) [BR0000006589707, BR0000006589370, GOET – 2 sheets, LE, MEL 2353790].

88. *Echites maximiliana* Stadelm., *Flora* 24(1): 43 (1841).

[= *Temnadenia violacea* (Vell.) Miers, *Apocyn. S. Amer.* 208 (1878)].

TYPE: BRAZIL. Bahia: “ad Barra da Vareda” [Inhobim], 1817, *Wied s.n.* [BR0000006961695, *lectotype*; *isolectotypes*: BR0000006961305, LD 1585848].

89. *Echites variegata* Schrad., *Gött. Gel. Anz.* 1821(2): 707 (1821); Wied-Neuwied (1820: 104; 1821: 338).

≡ *Mandevilla variegata* (Schrad.) P.L.R.Moraes, *Scripta Bot. Belg.* 49: 39 (2013).

≡ *Echites obovata* Nees, *Flora* 4: 297, 327 (1821).

[= *Dipladenia moricandiana* A.DC., *Prodr.* 8: 486 (1844); Müll. Arg. in *Fl. Bras.* 6(1): 129 (1860) ≡ *Mandevilla moricandiana* (A.DC.) Woodson, *Ann. Missouri Bot. Gard.* 20(4): 705 (1933)].

TYPE: BRAZIL. Rio de Janeiro: “Coral de Battuba [Curral de Ubatuba] und Paulista”, September 1815, *Wied s.n.* (31.31) (Schrader nr. 3; Nees von Esenbeck nr. 3) [BR0000005188321 (annotated by Nees with “*Echites obovata* n. sp.”), *lectotype*; *isolectotypes*: LE, MEL 2353827].

AQUIFOLIACEAE

105. *Ilex psammophila* Mart. ex Reissek, *Fl. Bras.* 11(1): 42, pl. 11, fig. 4, pl. 15 (1861).

TYPE: BRAZIL. Bahia: “in arenosis ad flum. Mucuri”, 1816, *Wied s.n.* [BR0000006588946, BR0000006591991, BR0000006587628, BR0000006588618, BR0000006591960, BR0000006588281, BR0000013703790, W 0024191, *syntypes*].

ARECACEAE

❖ *Bactris setosa* Mart., *Hist. Nat. Palm.* 2: 94, t. 72, fig. 1–3 (1826).

Specimen: BRAZIL. Rio de Janeiro: “Tapebussu” [Casimiro de Abreu], September 1815, *Wied s.n.* [M 0209899; **Fig. 1**].

ASTERACEAE

131. [*Ampherephis psilocarpa* Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 12: 4 (1824)].

= *Ethulia involucrata* Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 12: 3 (1824) ≡ *Oiospermum involucrata* (Nees & Mart.) Less., *Linnaea* 4(3): 339 (1829).

TYPE: BRAZIL. Bahia: “circa S. Pedro de Alcantara, locis arenosis”, December 1816, *Wied s.n.* (CXIII; Nees von Esenbeck nr. CXIII) [P 04388734, *lectotype* designated by Loeuille *et al.* (2014: 3) as “Holotype”; **second-step lectotype, here designated**: P 04388734 (left-hand specimen); *isolectotype*: BR0000006593094].

= *Calydermos repens* Spreng., *Neue Entdeck. Pflanzenk.* 1: 278 (1820) ≡ *Centratherum repens* (Spreng.) Loeuille & Pirani, *Phytoneuron* 8: 3 (2014), **syn. nov.**

TYPE: BRAZIL. Loco haud indicato, s.d., *Anonymous* [Sellow] *s.n.* [P 04388734 (right-hand specimen), **lectotype here designated**]. – Probable original material: idem, *Sellow s.n.* [BR0000006594558 (ex B, annotated with “*Oiospermum involucratum* Less.”), G-DC (G 00326759, ex B, *Anonymous s.n.*), GH 00010719 (with label numbered “969”), HAL 0111758, K 000677555 (ex Herb. Humboldt, annotated with “*Oiospermum involucratum* Less. / *Brasilia meridionalis* Vittoria – Cavallos / Ex reliquis Sellowianis”), K 000677556 (two specimens mounted on the same sheet: on top on the left with label annotated by Schultz-Bipontinus as “*Oiospermum involucratum* Less. / Sz. Bip.”; on the right, with the same label as in BR, ex B, anonymously annotated with “*Vittoria Cavallos*”), P 03617811 (ex B), and P 04339863 (ex Herb. Schultz-Bipontinus ex Herb. Cosson)].

= *Centratherum brachylepis* Sch.Bip. ex Baker, *Fl. Bras.* 6(2): 12 (1873).

[= *Centratherum punctatum* Cass., *Dict. Sci. Nat. (ed. 2)* 7: 384 (1817)].

TYPE: BRAZIL. Bahia: [protologue] “ad Almada, S. Pedro d’Alcantara et ad ripas fluvio Itahypé” [Rio Itaípe], [label] “in sylvaticis ad Itahype fl. prope S. Pet. d’Alcantara, Ferradas etc. Provinciae Bahiensis”, December 1818, *Martius s.n.* [M 0029278 – F Neg. 20568, *lectotype* designated by Kirkman (1981: 18)]; BRAZIL. Bahia: “circa S. Pedro de Alcantara, locis arenosis”, December 1816, *Wied s.n.* (CXIII; Nees von Esenbeck nr. CXIII) [BR0000006593094, P 04388734 (left-hand specimen), *syntypes*].

Note: Loeuille *et al.* (2014) proposed the synonymization of the monotypic genus *Oiospermum* Less. under *Centratherum* Cass. Additionally, they proposed the new combination *Centratherum repens* (Spreng.) Loeuille & Pirani, based on *Calydermos repens* Spreng., designating a Sellow specimen at P (P 04339863) as a neotype. Moreover, their indication of the sheet P 04388734 as the holotype of *Ethulia involucrata* Nees & Mart. is partially correct. The sheet in question, ex Herb. Schultz-Bipontinus ex Herb. Cosson, has two specimens mounted together bearing labels disposed in two columns that should be taken as corresponding to the respective branches on the sheet (like what is found in many other sheets ex Herb. Schultz-Bipontinus ex Herb. Cosson in the Herbarium of Paris: e.g., P 00706811, P 02476893, P 02476894, P 02477336, P 02477338, P 02693540). Therefore, corresponding to the specimen on the left, there is an original label handwritten by Nees von Esenbeck annotated with “*Ethulia involucrata* n. sp. / *Spixia violacea* Schra. ...”, an original label handwritten by Wied with “... zu S.

Pedro d'Alcantara. 1816. Im Sande. Blume lila, kleine Ris[...], jede an der Mündung 5 blättrig. Narben ganz gelb[...] / CXIII", a label handwritten by Schultz-Bipontinus with "Oiospermum involucratum Less. DC. V. 11 / Ethulia involucrata Nees ! & Mart. / e herb. Nees / Sz Bip", and a cut of the original paper stamped with "Herb. Schultz Bip.". Corresponding to the specimen on the right, there is a label handwritten by Schultz-Bipontinus with "Oiospermum involucratum Less. DC. V. 11. / Calydermos repens Spr ! / In Brasiliae arenosis circa San Pedro de Alcantara", an original label by Sprengel with "Ethulia involucrata Nees / Calydermos repens*", a handwritten label with "Sprengl! herb. n. 626. ___ Syst. III, 458. n. 1", and a cut of the original paper stamped with "Herb. Schultz Bip.". The left-hand specimen at P closely matches the Wied specimen at BR0000006593094, showing the same pattern of leaves conspicuously eaten by insects; the latter bears an almost verbatim handwritten label by Wied with "... Dec. zu S. Pedro d'Alcantara. 1816. Im Sande. Blume lila. ... N. v. Es. CXIII.", a herbarium Martii label handwritten by Martius with "S. Pedro d'Alcantara, prope Ilheos / [Communic.] Pr. Vidensis [18]29", and annotated anonymously by two different people, the first with "Centr. brachylepis (sec. Baker)", the second with "Flores lilacini. / in arena", and a label of identification by L. Katherine Kirkman 1978 as "*Centratherum punctatum* Cass. ssp. *punctatum*". The right-hand specimen at P, by its turn, once having the original label of Sprengel annotated with "Ethulia involucrata Nees / Calydermos repens*", must be taken as original material of *Calydermos repens*, thus eligible for lectotype of the name (see B[†] – F Neg. 14832 [*Sellow 763 – Kuhnia villosa* Spreng.], and B[†] – F Neg. 16373 [*Sellow 756 – Eupatorium stachyophyllum* Spreng.], as examples of original labels by Sprengel, as well as P 00604157, P 01816471, P 02476893, P 02476905, P 02671723). As pointed out by Martius (1837–1841: 31), many of Sellow's collections were described by Sprengel in the "*Neue Entdeckungen im ganzen Umfang der Pflanzenkunde*" and in "*Systema Vegetabilium (ed. 16)*", which is the case of *Calydermos repens*. The specimen at P closely matches Sellow's specimens at BR0000006594558 (ex B, annotated with "Oiospermum involucratum Less."), GH 00010719, HAL 0111758, K 000677555 (ex Herb. Humboldt, annotated with "Oiospermum involucratum Less. / Brasilia meridionalis Vittoria – Cavallos / Ex reliquis Sellowianis"), K 000677556 (two specimens mounted on the same sheet: on top on the left with label annotated by Schultz-Bipontinus with "Oiospermum involucratum Less. / Sz. Bip"; on the right, with the same label as in BR0000006594558, ex B, it is annotated anonymously with "Vittoria Cavallos"), P 03617811 (ex B), and P 04339863 (ex Herb. Schultz-Bipontinus ex Herb. Cosson), which have the leaves not pronouncedly eaten. Besides the fact that the Wied collection is the holotype of *Ethulia involucrata* and also a syntype of *Centratherum brachylepis*, the Martius specimen at M 0029278 belongs to the former taxon, being a collection from the same locality and period of the Wied gathering.

133. [= *Baccharis calvescens* DC., *Prodr.* 5: 413 (1836); Baker in *Fl. Bras.* 6(3): 53 (1882)].

Baccharis oleifolia Mart. ex Colla, *Herb. Pedem.* 3: 318 (1835), as "*oleaefolia*", non *Baccharis oleifolia* Gardner, *London J. Bot.* 7: 86 (1848).

Conyza ? *maximiliana* Mart., *nomen*.

TYPE: BRAZIL. Espírito Santo: "Aldea Velha" [Aracruz], December 1815, *Wied s.n.* [TO, *lectotype*; *isolectotype*: BR0000006586287]; BRAZIL. Bahia: "ad Via Felisbertia", 1817, *Wied s.n.* [BR0000008184221]. – Original material: BRAZIL. Bahia: "circa viam Felisberti", s.d., *Anonymous* [Wied] *s.n.* [K].

Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 212–213 (2013). Specimen at K, which is annotated with "*Conyza* ? *maximiliana* Mart.", closely matches the specimens at TO and BR0000006586287.

135. [***Baccharis linearifolia*** (Lam.) Pers., *Syn. Pl.* 2: 425 (1807)].

= *Baccharis martiana* Colla, *Herb. Pedem.* 3: 318 (1835).

TYPE: BRAZIL. Espírito Santo: "Aldea Velha" [Aracruz], March [sic] 1816, *Wied s.n.* (Menke nr. 118) [TO, *lectotype*; *isolectotype*: BR0000005212743].

Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 212 (2013).

137. [= ***Baccharis singularis*** (Vell.) G.M.Barroso, *Rodriguésia* 28(40): 96 (1976)].

Conyza macrolasia Mart. ex Colla, *Herb. Pedem.* 3: 369 (1835).

TYPE: BRAZIL. Espírito Santo: "Rio Doce", *Anonymous* [Wied] *s.n.* [TO, *lectotype*].

Specimens: BRAZIL. Bahia: Mucuri, March 1816, ♀, *Wied s.n.* (Menke nr. 117) [BR0000008184207, BR0000008109637, BR0000005221998, GOET].

Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 213 (2013).

❖ ***Bidens segetum*** Mart. ex Colla, *Herb. Pedem.* 3: 307 (1835).

TYPE: BRAZIL. Rio de Janeiro: "Campos" [Campos dos Goytacazes], *Anonymous* [Wied] *s.n.* [TO, *lectotype*; *isolectotype*: K 000373361]. Specimens: BRAZIL. Espírito Santo: "Rio Doce", April 1816 [sic], *Wied s.n.* (Menke nr. 119) [BR0000013053208, BR0000013053215].

= *Coreopsis brasiliensis* Colla, *Herb. Pedem.* 3: 479 (1835).

TYPE: BRAZIL. Espírito Santo: Nova Almeida, "Villa Nova [de Almeida]", *Anonymous* [Wied] *s.n.* [TO].

Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 214 (2013).



Figure 1 – *Bactris setosa* (M 0209899), by the kind permission of Botanische Staatssammlung München.

139. *Calea platylepis* Sch.Bip. ex Baker, *Fl. Bras.* 6(3): 267 (1884).
 [= *Calea mediterranea* (Vell.) Pruski, *Sida* 21(4): 2024 (2005)].
 TYPE: BRAZIL. Bahia: “ad viam Felisberta”, 1817, *Wied s.n.* [K 000978088, *syntype*].
143. *Chromolaena maximilianii* (Schrader. ex DC.) R.M.King & H.Rob., *Phytologia* 49(1): 4 (1981).
 ≡ *Eupatorium maximilianii* Schrad. ex DC., *Prodr.* 5: 143 (1836).
 Protologue: “in Brazilia circa Rio-Janeiro inter sepes primus detexit Princ. Maxim. Neovidensis”, “(v. s. comm. à cl. Schrad. ex hort. Goett. et sp. à cl. Lund.)”.
 TYPE: “Ex Hort. Göttingen”, 1832, *Schrader s.n.* [G-DC – F neg. 34169, *syntype*] [LE – 2 sheets, ex Herb. Schrader]; BRAZIL. Rio de Janeiro: Rio de Janeiro, April 1834, *Lund 84* [G-DC, *syntype*].
 Specimen: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [Herbarium Wied nr. 127].
- ❖ *Conyza bonariensis* (L.) Cronquist, *Bull. Torrey Bot. Club* 70(6): 632 (1943).
 Specimen: BRAZIL. Bahia: Rio Jequitinhonha, “Rio Bellmonte”, 1816, *Wied s.n.* (Menke nr. 111) [BR0000013053222].
145. [= *Egletes viscosa* (L.) Less., *Syn. Gen. Compos.* 252 (1832)].
Grangea prostrata Mart. ex Colla, *Herb. Pedem.* 3: 313 (1835).
 TYPE: BRAZIL. Bahia: Rio Jequitinhonha, “ad fluv. Belmonte in arenosis”, 1816, *Wied s.n.* (Menke nr. 114) [TO, *lectotype*; *isolectotypes*: BR0000005208685, BR0000013053246, LD 1573762, S (R-4943), and possibly BR0000013053253 (*Anonymous s.n.*; loco haud indicato)].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 214 (2013).
148. [= *Eremanthus capitatus* (Spreng.) MacLeish, *Ann. Missouri Bot. Gard.* 74(2): 285 (1987)].
Albertinia martii Colla, *Herb. Pedem.* 3: 291 (1835) (see Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 214 (2013)).
 TYPE: BRAZIL. Bahia: Porto Seguro, 1816, *Wied s.n.* (Menke nr. 108) [TO, *lectotype*; *isolectotype*: BR0000005575800].
149. [*Eupatorium amygdalinum* Lam., *Encycl.* 2(2): 408 (1788); Baker in *Fl. Bras.* 6(2): 312 (1873)].
 [= *Ayapana amygdalina* (Lam.) R.M.King & H.Rob., *Phytologia* 20: 211 (1970)].
 = *Conyza venosa* Mart. ex Colla, *Herb. Pedem.* 3: 369 (1835).
 TYPE: BRAZIL. Bahia: “ad Rio Belmonte” [Rio Jequitinhonha], 1816, *Wied s.n.* [TO, *lectotype*; *isolectotype*: BR0000005575930].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 212 (2013).
150. [= *Eupatorium ballotifolium* Kunth, *Nov. Gen. Sp. (folio ed.)* 4: 95 (1820), “*ballotaefolium*”; Baker in *Fl. Bras.* 6(2): 360 (1873)].
 [= *Lourteigia ballotifolia* (Kunth) R.M.King & H.Rob., *Phytologia* 23: 308 (1972)].
Eupatorium grossedendatum Mart. ex Colla, *Herb. Pedem.* 3: 284 (1835).
 TYPE: BRAZIL. Bahia: “ad ripas fluminiis Rio Belmonte” [Rio Jequitinhonha], 1816, *Wied s.n.* (Menke nr. 113) [TO, *lectotype*; *isolectotypes*: BR0000006593018, BR0000006592684].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 215 (2013).
151. [= *Eupatorium hemisphaericum* DC., *Prodr.* 5: 158 (1836); Baker in *Fl. Bras.* 6(2): 305 (1873)].
 [= *Bartlettina hemisphaerica* (DC.) R.M.King & H.Rob., *Phytologia* 22: 160 (1971)].
Bartlettina conspicua (Colla) P.L.R.Moraes & Guglielmone, *Harvard Pap. Bot.* 18(2): 221 (2013).
 ≡ *Eupatorium conspicuum* Mart. ex Colla, *Herb. Pedem.* 3: 283 (1835).
 TYPE: BRAZIL. Rio de Janeiro: Campos dos Goytacazes, “in arenosis prope Campos”, 1815, *Wied s.n.* [TO, *lectotype*; *isolectotypes*: BR0000006592387, BR0000006592790].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 213 (2013).
155. *Galopthalmum brasiliense* Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 12: 8, t. 2 (1824).
 ≡ *Blainvillea brasiliensis* (Nees & Mart.) S.T.Blake, *Proc. Biol. Soc. Wash.* 38: 85 (1925).
 ≡ *Calyptocarpus brasiliensis* (Nees & Mart.) B.L.Turner, *Phytologia* 64(3): 214 (1988), *nom. illegit. superfl.*
 [= *Blainvillea bahiensis* (DC.) Baker, *Fl. Bras.* 6(3): 177 (1884)].
 [= *Calyptocarpus bahiensis* (DC.) Sch.Bip., *Bot. Zeitung (Berlin)* 24: 165 (1866)].
 [= *Oligogyne bahiensis* DC., *Prodr.* 5: 629 (1836)].
 TYPE: BRAZIL. Bahia: “ad viam Felisbertiam”, “in via Felisbertia prope Ilheos”, January 1817, *Wied s.n.* (CXXXVII; Nees von Esenbeck nr. CXXXVII) [LE, *holotype*; **Fig. 2**; *isotypes*: BR0000006594220, BR0000006593421].

157. *Gochnatia polymorpha* (Less.) Cabrera, *Notas Mus. La Plata, Bot.*, 15: 43 (1950).
Specimens: BRAZIL. Espírito Santo: “S. Augustin ... Villa de Victoria” (S. Agostinho, Vitória), December 1815, *Wied s.n.* (Menke nr. 47) [BR0000005576265, BR0000005576180].
= *Albertinia incanescens* Mart. ex Colla, *Herb. Pedem.* 3: 290 (1835).
TYPE: BRAZIL. Bahia: “Estrada de Minas” [via Felisbertia], s.d., *Anonymous* [Wied] s.n. [TO, *lectotype*; *isolectotype*: K 000373362].
Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 214–215 (2013).

161. [= *Sparganophorus vaillantii* Gaertn., *Fruct. Sem. Pl.* 2(3): 395, t. 165, fig. 4 (1792), *nom. illegit.*; Baker in *Fl. Bras.* 6(2): 7 (1873)].
[= *Strachium sparganophorum* (L.) Kuntze, *Revis. Gen. Pl.* 1: 366 (1891)].
Ethulia glomerata Mart. ex Colla, *Herb. Pedem.* 3: 314 (1835).
TYPE: BRAZIL. Bahia: Rio Jequitinhonha, “Rio Belmonte,” 1816, *Wied s.n.* [TO, *lectotype*; *isolectotype*: BR0000005573547].
Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 216 (2013).

❖ *Stiffia chrysantha* J.C. Mikan, *Del. Fl. Faun. Bras.*: t. 1 (1820).
Specimen: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* (22) [P 02419486].

162. *Stiffia parviflora* D. Don, *Trans. Linn. Soc.* 16: 291 (1833); Baker in *Fl. Bras.* 6(3): 352. (1884).
Specimens: BRAZIL. Rio de Janeiro: “prope Campos Novos” [Fazenda de Campos Novos, current town of Tamoios], September 1815, *Wied s.n.* (Menke nr. 115) [BR0000006595210, BR0000006592134, TO]; BRAZIL. Bahia: “ad Rio das Contas”, s.d., *Anonymous* [Wied] s.n. [K 000053943]; BRAZIL. Bahia: “ad fluv. Ilheos”, s.d., *Anonymous* [Wied] s.n. [TO].
Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 215–216 (2013).

163. *Tagetes glandulifera* Schrank, *Pl. Rar. Hort. Monac.* 2: t. 54 (1819); Wied-Neuwied (1821: 231, 344); Schrader, *Gött. Gel. Anz.* 1821(2): 714 (1821).
[= *Tagetes minuta* L., *Sp. Pl.* 2: 887 (1753)].
Specimens: BRAZIL. Bahia: “Taquara” [Fazenda Taquara], March 1817, *Wied s.n.* (Schrader nr. 28) [BR0000005575992, LE – 2 sheets, TO].
Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 216 (2013).

170. [*Vernonia scabra* Pers., *Syn. Pl.* 2: 404 (1807); Baker in *Fl. Bras.* 6(2): 100 (1873)].
[= *Vernonanthura brasiliiana* (L.) H. Rob., *Phytologia* 73(2): 69 (1992)].
Conyza monticola Mart. ex Colla, *Herb. Pedem.* 3: 369 (1835).
TYPE: BRAZIL. Bahia: Rio Jequitinhonha, “ad ripas fluv. Belmonte”, 1816, *Wied s.n.* (Menke nr. 112) [TO, *lectotype*; *isolectotypes*: BR0000006593445, BR0000006593117, BR0000005576012].
Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 216–217 (2013).

172. [= *Vernonia vepretorum* Mart. ex DC., *Prodr.* 5: 59 (1836); Baker in *Fl. Bras.* 6(2): 54 (1873)].
[= *Lessingianthus vepretorum* (Mart. ex DC.) H. Rob., *Proc. Biol. Soc. Wash.* 101(4): 949 (1988)].
Lessingianthus dichrus (Colla) P.L.R. Moraes & Guglielmone, *Harvard Pap. Bot.* 18(2): 223 (2013).
= *Conyza dichrus* Mart. ex Colla, *Herb. Pedem.* 3: 369 (1835).
TYPE: BRAZIL. Bahia: Vitória da Conquista, “inter frutices prope Arrayal da Conquista”, March 1817, *Wied s.n.* [TO, *lectotype*; *isolectotype*: BR0000006593292].
Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 215 (2013).

173. [*Wedelia paludosa* DC. var. *vialis* DC., *Prodr.* 5: 538 (1836); Baker in *Fl. Bras.* 6(3): 180 (1884)].
[= *Sphagneticola trilobata* (L.) Pruski, *Mem. New York Bot. Gard.* 87: 114 (1996)].
Wedelia pedunculata Mart. ex Colla, *Herb. Pedem.* 3: 428 (1835).
TYPE: BRAZIL. Bahia: Rio Jequitinhonha, “ad Rio Belmonte”, 1816, *Wied s.n.* (Menke nr. 110) [TO, *lectotype*; *isolectotypes*: BR0000006593414, BR0000006592639, K 000053609, K].
Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 215 (2013).

BEGONIACEAE

176. *Begonia epibaterium* Mart. ex A. DC., *Fl. Bras.* 4(1): 362 (1861).
Specimens: BRAZIL. Bahia: “in silvis circa Belmonte”, August 1816, *Wied s.n.* [BR0000005173808, BR0000005173471, BR0000005173143, NY 00454033].

178. *Begonia hispida* Schott, *Syst. Veg. (ed. 16) 4(2, Cur. Post.)*: 407 (1827).

Specimens: BRAZIL. Bahia: "prope Rio Belmonte" [Rio Jequitinhonha], 1816, Wied s.n. [BR0000005173150, BR0000006812942, BR0000013067380].

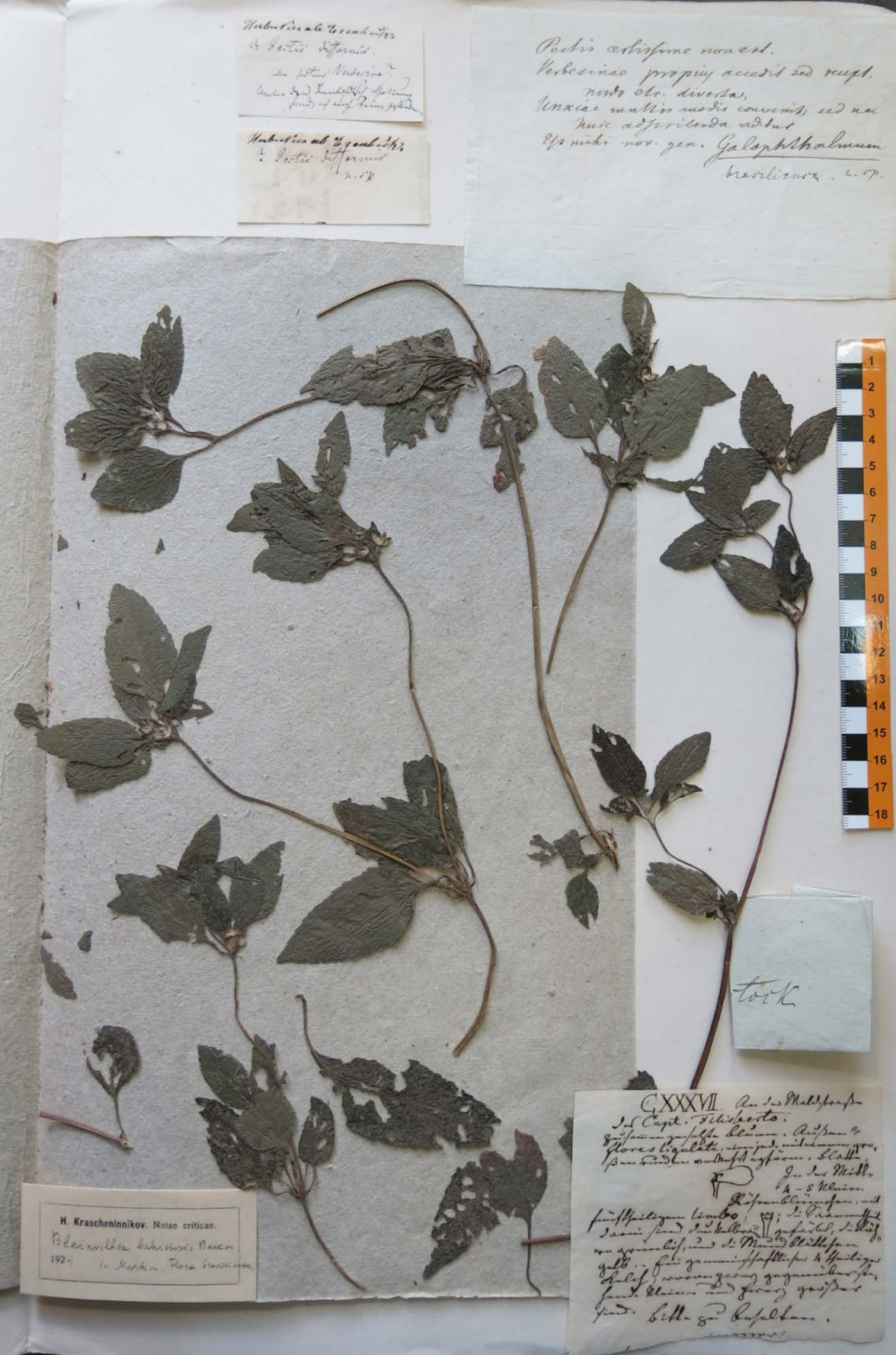


Figure 2 – Holotype of *Galophthalmum brasiliense* (LE).

BIGNONIACEAE

179. *Adenocalymma comosum* (Cham.) DC. var. *lanceolata* Bureau & K.Schum., *Fl. Bras.* 8(2): 90 (1896).
[= *Adenocalymma hatschbachii* A.H.Gentry, *Novon* 3(2): 139 (1993)].
TYPE: BRAZIL. Bahia: “prope Ilheos”, *Wied s.n.* [LE, MO 2979029 ex Herb. Schrader, *syntypes*].

❖ *Adenocalymma comosum* (Cham.) DC. var. *nitida* Bureau & K.Schum., *Fl. Bras.* 8(2): 89 (1896).
[= *Adenocalymma comosum* (Cham.) DC., *Prodr.* 9: 201 (1845)].
Specimens: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* (I +) [BR0000006586270, LE, MEL 2353801 & MEL 2353802 ex Herb. Sonder].

180. *Adenocalymma flavum* Mart. ex DC., *Prodr.* 9: 202 (1845); Bureau & K. Schumann in *Fl. Bras.* 8(2): 87 (1896).
TYPE: BRAZIL. Bahia: “in via Felisbertia, Ilheos”, January 1817, *Wied s.n.* (Schrader Bignon. nr. X) [BR0000008803696, *holotype*; *isotypes*: BR0000008803528, BR0000008803856, G-DC 00133654 (fragment), GOET 007240 (Schrader Bignon. nr. X), GOET 007241 (Schrader Bignon. nr. XI), LE (Schrader Bignon. nr. X), LE (Schrader Bignon. nr. XI), MEL 2353804 ex Herb. Sonder, Herbarium Wied nr. 10].

183. *Anemopaegma chamberlaynii* (Sims) Bureau & K.Schum. var. *brachybotrys* (DC.) Bureau & K.Schum., *Fl. Bras.* 8(2): 128 (1896).
[= *Anemopaegma chamberlaynii* (Sims) Bureau & K.Schum., *Fl. Bras.* 8(2): 128 (1896)].
TYPE: BRAZIL. Espírito Santo: “ad Rio Doce”, April [sic] 1816, *Wied s.n.* [BR0000008398093, *syntype* of variety].
Specimens: BRAZIL. Espírito Santo: “ad Rio Doce”, April [sic] 1816, *Wied s.n.* (XXXIII +) [BR0000008398086, LE].

184. *Anemopaegma citrinum* Mart. ex DC., *Prodr.* 9: 189 (1845); Bureau & K.Schumann in *Fl. Bras.* 8(2): 136 (1896).
TYPE: BRAZIL. Loco haud indicato, s.d., *Anonymous s.n.* (*Wied s.n.*) [BR0000008803726, *lectotype*]; BRAZIL. Bahia: “via Felisbertia”, January 1817, *Wied s.n.* [BR0000008803368, BR0000008803030, BR0000008803078, GOET (Schrader Bignon. nr. IX), LE (Schrader Bignon. nr. IX), MEL 2353795 ex Herb. Sonder, *syntypes*]; BRAZIL. Bahia: “Tamburil, Valo” [Fazenda de Tamburil and Quartel Geral do Valo, Condeúba], February 1817, *Wied s.n.* [BR0000008803399, GOET (Schrader Bignon. nr. XVIII), LE (Schrader Bignon. nr. XVIII), *syntypes*].

185. *Anemopaegma velutinum* Mart. ex DC., *Prodr.* 9: 189 (1845); Bureau & K. Schumann in *Fl. Bras.* 8(2): 137 (1896).
Specimens: BRAZIL. Bahia: Loco haud indicato, March 1817, *Wied s.n.* (Schrader Bignon. nr. VIII) [GOET, LE, MEL 2353796 ex Herb. Sonder].

186. *Arrabidaea subincana* DC., *Prodr.* 9: 184 (1845), *hom. post., non Arrabidaea subincana* Mart., *Flora* 24(2, Beibl.): 47 (1841); Bureau & K. Schum. in *Fl. Bras.* 8(2): 61 (1896).
≡ *Fridericia candicans* (Rich.) L.G.Lohmann, *Ann. Missouri Bot. Gard.* 99(3): 433 (2014).
Specimens: BRAZIL. Espírito Santo: “ad Villa Nova de Almeida” [Nova Almeida], December 1816, *Wied s.n.* [BR0000006586263, GOET (Schrader Bignon. nr. XXIV), LE, P 00608050].

187. [*Bignonia campanulata* Cham., *Linnaea* 7: 711 (1832)].
[≡ *Clytostoma campanulatum* (Cham.) Bureau & K.Schum., *Fl. Bras.* 8(2): 148 (1896)].
[= *Pithecoctenium tenuiflorum* Mart. ex DC., *Prodr.* 9: 197 (1845)].
Bignonia auriculigera Mart. ex Colla, *Herb. Pedem.* 4: 184 (1835).
TYPE: BRAZIL. Rio de Janeiro/Espírito Santo: Itabapuana, November 1815, *Wied s.n.* (Schrader Bignon. nr. XXVI) [TO, *lectotype*; *isolectotypes*: GOET, LE, MEL 2353890]; BRAZIL. Loco haud indicato, s.d., *Wied s.n.* (Schrader Bignon. nr. XXIX) [LE].
Note: Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 134 (2014).

189. *Lundia nitidula* DC. var. *virginalis* (DC.) Bureau, *Vidensk. Meddel. Naturhist. Foren. Kjøbenhavn* 1893: 108 (1894); Bureau & K. Schumann in *Fl. Bras.* 8(2): 243 (1897).
[= *Lundia virginalis* DC., *Prodr.* 9: 181 (1845)].
TYPE: BRAZIL. Bahia: “inter Tamburil et Valo”, February 1817, *Wied s.n.* [BR0000006977283, BR0000008763471, BR0000008762467, BR0000008763143 *sub nom.* *Alsocydia virginalis*, GOET 000755 (Schrader Bignon. nr. XVII), LE (Schrader Bignon. nr. XVII), MEL 2353805 ex Herb. Sonder, *syntypes*].

191. *Parabignonia maximilianii* (Mart. ex DC.) Bureau ex K.Schum. in Engler & Prantl, *Nat. Pflanzenfam.* 4(3b): 229 (1894), “*maximilianii*”; Bureau & K. Schumann in *Fl. Bras.* 8(2): 304 (1897).
 ≡ *Tecoma maximilianii* Mart. ex DC., *Prodr.* 9: 222 (1845).
 ≡ *Gelsemium maximilianii* (Mart.) Kuntze, *Revis. Gen. Pl.* 2: 480 (1891).
 ≡ *Dolichandra maximilianii* (Mart. ex DC.) Kuntze, *Revis. Gen. Pl.* 3(2): 243 (1898).
 [= *Dolichandra unguiculata* (Vell.) L.G.Lohmann, *Ann. Missouri Bot. Gard.* 99(3): 431 (2014)].
 TYPE: BRAZIL. Bahia: Loco haud indicato, s.d., *Wied s.n.* [BR0000008765543, *lectotype* designated by L.G. Lohmann, *loc. cit.*; BR0000008765215, LE (Schrader Bignon. nr. XXVIII), *isolectotypes*].
192. *Paragonia pyramidata* (Rich.) Bureau var. *elliptica* Bureau, *Vidensk. Meddel. Dansk Naturhist. Foren. Kjøbenhavn* 1893: 104 (1894); Bureau & K. Schumann in *Fl. Bras.* 8(2): 182 (1896).
 [= *Tanaecium pyramidatum* (Rich.) L.G.Lohmann, *Nuevo Cat. Fl. Vasc. Venezuela* 274 (2008)].
 TYPE: BRAZIL. Rio de Janeiro: “Ufer des Paraíba bei Campos”, 30 September 1815, *Wied s.n.* [BR0000008763440, BR0000008763778, GOET (Schrader Bignon. nr. IV), LE (Schrader Bignon. nr. IV), *syntypes* of variety].
194. *Phryganocydia corymbosa* (Vent.) Bureau ex K.Schum. in Engler & Prantl, *Nat. Pflanzenfam.* 4(3b): 224, fig. 89 H (1894); Bureau & K. Schumann in *Fl. Bras.* 8(2): 249, t. 100 (1897).
 ≡ *Bignonia corymbosa* (Vent.) L.G.Lohmann, *Nuevo Cat. Fl. Vasc. Venezuela* 272 (2008).
 Specimens: BRAZIL. Espírito Santo: “ad Aldea Velha” [Aracruz], March [sic] 1816, *Wied s.n.* (XXXII +) [BR0000008028525, GOET, LE, MEL 2353808]; BRAZIL. Rio de Janeiro: “prope fluvium Parahyba” [Rio Paraíba], September – October 1815, *Wied s.n.* [BR0000008029331]; BRAZIL. Loco haud indicato, s.d., *Wied s.n.* (XXXII) [BR0000008029270].
195. *Pithecoctenium scabriusculum* Mart. ex DC., *Prodr.* 9: 197 (1845); Bureau & K. Schumann in *Fl. Bras.* 8(2): 170 (1896).
 ≡ *Distictis scabriuscula* (Mart. ex DC.) A.H.Gentry, *Ann. Missouri Bot. Gard.* 61(2): 499 (1974).
 ≡ *Amphilophium scabriusculum* (Mart. ex DC.) L.G.Lohmann, *Ann. Missouri Bot. Gard.* 99(3): 408 (2014).
 TYPE: BRAZIL. Rio de Janeiro: “ad fluvium Paraíba”, September – October 1815, *Wied s.n.* [BR0000008024237, *holotype*; *isotypes*: Herbarium Wied nr. 63, LE (Schrader Bignon. nr. V)].
196. *Pithecoctenium stipulare* Mart. ex DC., *Prodr.* 9: 194 (1845); Bureau & K. Schumann in *Fl. Bras.* 8(2): 171 (1896).
 ≡ *Distictis stipularis* (Mart. ex DC.) A.H.Gentry, *Ann. Missouri Bot. Gard.* 61: 498 (1974).
 [= *Amphilophium frutescens* (DC.) L.G.Lohmann, *Ann. Missouri Bot. Gard.* 99(3): 404 (2014)].
 TYPE: BRAZIL. Rio de Janeiro: “ad flumen Paraíba”, 30 September 1815, *Wied s.n.* [BR0000008024121, BR0000008024763, GOET 000750 (Schrader Bignon. nr. V), LE, MEL 2353798 ex Herb. Sonder, *syntypes*].
197. *Pyrostegia venusta* (Ker Gawl.) Miers, *Proc. Roy. Hort. Soc. London* 3: 188 (1863); Bureau & K. Schumann in *Fl. Bras.* 8(2): 232–233, 410, t. 97 & 98 (1897).
 Specimens: BRAZIL. Rio de Janeiro: “prope capitalem”, 1815, *Wied s.n.* [BR0000006586928, BR0000006586591]; BRAZIL. Bahia: “Rio Grande de Belmonte” [Rio Jequitinhonha], 1816, *Wied s.n.* (Schrader Bignon. nr. VI) [GOET, LE, MEL 2353800 ex Herb. Sonder]; BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [Herbarium Wied nr. 135, LE – 2 sheets, MEL 2353799 ex Herb. Sonder].
- ❖ *Sparattosperma* sp.
 Specimen: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [LE].
200. *Tecoma obtusata* DC., *Prodr.* 9: 217 (1845).
 ≡ *Tecoma chrysotricha* var. *obtusata* (DC.) Bureau & K.Schum., *Fl. Bras.* 8(2): 338 (1897).
 ≡ *Tabebuia chrysotricha* var. *obtusata* (DC.) Toledo, *Arq. Bot. Estado São Paulo* 3(1): 36 (1952).
 ≡ *Handroanthus chrysotrichus* var. *obtusata* (DC.) Mattos, *Loefgrenia* 50: 2 (1970).
 [= *Tabebuia chrysotricha* (Mart. ex DC.) Standl., *Field Mus. Nat. Hist., Bot. Ser.*, 11(5): 176 (1936)].
 TYPE: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* (Nees von Esenbeck nr. XIX) [BR0000008762283 *sub T. ochracea*, BR0000008762610, BR0000008766373, LE (Schrader Bignon. nr. XIX), MEL 2353797 ex Herb. Sonder, MO 3760992 ex BR, Herbarium Wied nr. 22, Herbarium Wied nr. 52, Herbarium Wied nr. 133, *syntypes* of *T. obtusata*].

BORAGINACEAE

205. *Cordia mucronata* Fresen., *Fl. Bras.* 8(1): 9 (1857), *nom. illegit., non Cordia mucronata* Poir., *Dict. Sci. Nat.* (ed. 2) 10: 410 (1818).

≡ *Lithocardium mucronatum* (Fresen.) Kuntze, *Revis. Gen. Pl.* 2: 977 (1891).

[= *Cordia aberrans* I.M.Johnst., *J. Arnold Arbor.* 16: 173 (1935)].

TYPE: BRAZIL. Loco haud indicato: “in sylvis Oceano conterminis inter Vittoria et Bahia”, s.d., *Wied s.n.* (XX, XX + & XXV) [BR0000008506269, BR0000008508447, BR0000008508409, BR0000008505934, BR0000008505477, LE, M 0153331, syntypes].

209. *Cordia superba* Cham., *Linnaea* 4: 474 (1829).

Specimens: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* (Schrader Bignon. nr. XXI) [BR0000008506047, LE].

❖ *Cordia* sp.

Specimens: BRAZIL. Bahia: “via Felisbertia”, January 1817, *Wied s.n.* [BR0000013332198, LE].

❖ cf. *Cordia* sp.

Specimen: BRAZIL. Loco haud indicato, *Wied s.n.* [LE ex Herb. Mertens].

211. *Heliophytum odorum* Fresen., *Fl. Bras.* 8(1): 45 (1857).

≡ *Heliotropium odorum* (Fresen.) Gürke in Engl. & Prantl., *Natürl. Pflanzenfam.* 4(3): 96 (1893), *nom. illegit.*

≡ *Heliotropium fragrans* J.F.Macbr., *Proc. Amer. Acad. Arts* 11: 541 (1916). [*nom. nov.* for *H. odorum*].

[= *Heliotropium angiospermum* Murray, *Prodr. Stirp. Gött.* 217 (1770)].

TYPE: BRAZIL. Bahia: “in Campo”, March 1817, *Wied s.n.* (73) [BR0000006966546, *lectotype; isolectotypes*: LE, M 0153332 – F Neg. 20312].

= *Heliotropium longespdatum* Mart. ex Colla, *Herb. Pedem.* 4: 227 (1835).

TYPE: BRAZIL. Bahia: “via Felisbertia”, s.d., *Wied s.n.* (92) [TO, *lectotype; isolectotypes*: BM 000992033, BR0000005198245, BR0000005199235, K, LE].

Note: Specimens at BR (BR0000005198245, BR0000005199235) have been listed in the *Catalogue* under entry 214 [*Heliotropium transalpinum* Vell. var. *tiaridioides* (Cham.) I.M.Johnst., *J. Arnold Arbor.* 16: 186 (1935)]. Further information can be found in Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 134–135 (2014).

212. [*Heliotropium filiforme* Lehm., *Gött. Gel. Anz.* 1817: 1515 (1817)].

= *Heliotropium littorale* Mart. ex Colla, *Herb. Pedem.* 4: 226 (1835).

TYPE: BRAZIL. Espírito Santo: “in arenosis maritimis”, “am Rio Doce bey Regencia”, April 1816 [sic], *Wied s.n.* (Schrader [asperif.] 43) [TO, *lectotype; isolectotypes*: BM 001125152, BR0000005197934].

Specimens: BRAZIL. Bahia: “Rio Belmonte” [Rio Jequitinhonha], 1816, *Wied s.n.* (59 & 68) [BR0000005198900, BR0000005198580].

Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 135 (2014).

❖ [= *Heliotropium procumbens* Mill., *Gard. Dict.* (ed. 8) no. 10 (1768)].

Heliotropium riparium Mart. ex Colla, *Herb. Pedem.* 4: 226 (1835).

TYPE: BRAZIL. Bahia: Rio Jequitinhonha, “Rio Belmonte”, s.d., *Anonymous* [Wied] *s.n.* [TO, *lectotype; isolectotypes*: BM 001125151, K].

Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 135 (2014).

❖ *Heliotropium* sp.

Specimen: BRAZIL. Rio de Janeiro: “Im Wald. von S. João”, 1815, *Wied s.n.* (12) [LE].

216. *Tournefortia* sp.

Specimens: BRAZIL. Rio de Janeiro: “ad fluv. Paraiba et prope Muribeca”, September – November 1815, *Wied s.n.* (14 & 16) [BR0000005197958 – 2 specimens mounted on the same sheet, BR0000005197613, LE].

BROMELIACEAE

219. *Bromelia iridifolia* Nees & Mart. in *Wied-Neuwied, Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 16 (1823); Mez in *Fl. Bras.* 3(3): 411 (1892).

≡ *Billbergia iridifolia* (Nees & Mart.) Lindl., *Bot. Reg.* 13: t. 1068 (1827).

TYPE: BRAZIL. Bahia: “circa viam Filisbertiam ... in trunco arboris”, January 1817, *Wied s.n.* (Nees von Esenbeck nr. CXVIII) [BR0000008677457, *holotype* (photo MO 1102940); *isotypes*: BR0000008677488, LE].

❖ *Tillandsia pityphylla* Mart. ex Schult.f. var. *major* Schult.f., *Syst. Veg.* (ed. 15 bis) 7(2): 1208 (1830).
[= *Tillandsia tenuifolia* L., *Sp. Pl.* 1: 286 (1753)].
TYPE: BRAZIL. Bahia: Loco haud indicato, March 1817, *Wied s.n.* [BR0000013067397, *syntype*].

CANELLACEAE

227. *Canella axillaris* Nees, *Flora* 4: 298 (1821), idem in Wied-Neuwied, *Reise nach Brasilien* 2: 336 (1821); Eichler in *Fl. Bras.* 13(1): 523 (1871); Wied-Neuwied (1820: 83, “Herva Moëira do Sertam”).
≡ *Canella axillaris* Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 12: 18 (1824), *hom. post.*
≡ *Cinnamodendron axillare* (Nees) Endl. ex Walp., *Repert. Bot. Syst.* 1: 398 (1842).
≡ *Drimys vascularis* P. Parm., *Bull. Sci. France Belgique* 27: 229, 306, t. 11, fig. 39, 40 (1896).
TYPE: BRAZIL. Rio de Janeiro: Cabo Frio, September 1815, *Wied s.n.* (Nees von Esenbeck nr. 34) [BR0000005199198 (specimen annotated by Nees and with printed label “Eichler in Martii Flora BRAZIL. fasc.”), *lectotype* designated by Moraes (2012); *isolectotypes*: BM 000638957, BR0000005197965, BR0000005197637, BR0000005198597, GOET 000532, MEL 2130140, P 00752350 ex MEL, PH 00000427].
Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(1): 25 (2013).

CAPPARACEAE

232. *Capparis yco* Mart. in Spix & Martius, *Reise Bras.* 2: 599 (1828); idem, Eichler *Fl. Bras.* 13(1): 272, t. 60 (1865), as ‘*Capparis yco* Mart. et Eichl.’; Colla, *Herb. Pedem.* 1: 234 (1833), as ‘*Capparis Goo*’.
≡ *Colicodendron yco* (Mart.) Mart., *Flora* 22(1, Beibl.): 25 (1839); idem in *Syst. Mat. Med. Bras.* 72 (1843).
TYPE: BRAZIL. Bahia: [label] “Habitat in sylvis Catingas ad Caitete, Rio de Contas etc. Provinciae Bah.[ia] et ad Mallhada ad Salgado usque in P. Min.[as] Ger.[ais]”, September – October 1818, *Martius s.n.* [M, *lectotype* designated by Cornejo & Iltis (2008: 89); *isolectotype*: M; other *syntypes*: BM 000629677 (“Rio Grande”), K 000220524 (“Rio Grande”), MEL (“in sylvis Catingas ad Joazairo”), MEL (“folia, fructus venenosa”); Specimens: Bahia: Loco haud indicato, March 1817, *Wied s.n.* [BR0000006986186, TO (“in sylvis primaevis”)].
Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(1): 25–26 (1833).

233. *Cleome arborea* Schrad., *Gött. Gel. Anz.* 1821(2): 707 (1821); Wied-Neuwied (1820: 125; 1821: 338); Eichler in *Fl. Bras.* 13(1): 264–265 (1865).
[= *Crateva tapia* L., *Sp. Pl.* 1: 444 (1753); Colla, *Herb. Pedem.* 1: 232 (1833)].
TYPE: BRAZIL. Rio de Janeiro: Rio Paraíba, September – October 1815, *Wied s.n.* (5; Schrader nr. 5) [LE ex Herb. Schrader, *lectotype* designated by X. Cornejo & H.H. Iltis, *Harvard Pap. Bot.* 13(1): 123 (2008); *isolectotypes*: BR0000006570064 (Nees von Esenbeck nr. 39.39), BR0000006570033 (idem), BR0000006570422, BR0000006570095].
Specimen: BRAZIL. Espírito Santo: Rio Doce, s.d., *Anonymous* [Wied] *s.n.* [TO].
Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(1): 26 (2013).

234. *Cleome diffusa* Banks ex DC., *Prodr.* 1: 241 (1824); Eichler in *Fl. Bras.* 13(1): 258 (1865).
≡ *Cleome aculeata* L. var. *diffusa* (Banks ex DC.) Kuntze, *Revis. Gen. Pl.* 3(2): 7 (1898).
≡ *Hemiscola diffusa* (Banks ex DC.) H.H. Iltis, *Novon* 17(4): 448 (2007).
Specimens: BRAZIL. Bahia: Loco haud indicato, s.d., *Wied s.n.* (18) [BR0000005198627, BR0000005197644, LE].

CELASTRACEAE

241. *Celastrus ilicifolius* Schrad., *Gött. Gel. Anz.* 1821(2): 716 (1821), “*ilicifolia*”; Wied-Neuwied (1821: 246, 345); de Candolle in *Prodr.* 2: 7 (1825).
≡ *Ilex truncata* Nees, *Flora* 4(1): 301, 329 (1821).
≡ *Maytenus ilicifolia* (Schrad.) Planch., *Hort. Donat.* 30 (1858), “*ilicifolius*”, *nom. rej. prop.*
≡ *Maytenus truncata* (Nees) Reissek, *Fl. Bras.* 11(1): 5 (1861), *nom. illegit.*
TYPE: BRAZIL. Bahia: Loco haud indicato, March 1817, *Wied s.n.* (37; Schrader nr. 37; Nees von Esenbeck nr. 37) [GOET 000743, *lectotype* designated by Biral & Lombardi (2012: 468); *isolectotypes*: BR0000005222650 (sheet annotated by Nees), BR0000005222322, K 000494566, LE – 2 sheets, W 0016913 – F Neg. 32561, W 0016914 (texts related to specimen)].

242. *Celastrus quadrangulata* Schrad., *Gött. Gel. Anz.* 1821(2): 716 (1821); Wied-Neuwied (1821: 246, 345); de Candolle in *Prodr.* 2: 7 (1825), “*quadrangulatus*”.
≡ *Ilex acutangula* Nees, *Flora* 4(1): 301, 329 (1821).

- ≡ *Maytenus acutangula* (Nees) Reissek, *Fl. Bras.* 11(1): 4 (1861).
 ≡ *Elaeodendron quadrangulatum* (Schrad.) Reissek, *Fl. Bras.* 11(1): 33 (1861).
 ≡ *Maytenus quadrangulata* (Schrad.) Loes. in Engler & Prantl, *Nat. Pflanzenfam.* (ed. 2) 20b: 142 (1942).
 TYPE: BRAZIL. Bahia: Loco haud indicato, March 1817, *Wied s.n.* (38; Schrader nr. 38; Nees von Esenbeck nr. 38) [BR0000005212798 (annotated by Nees), **lectotype here designated**; *isolectotypes*: LE, W 0016908 – F Neg. 32554].

CHRYSOBALANACEAE

249. [*Hirtella triandra* Sw. subsp. *punctulata* (Miq.) Prance, *Fl. Neotrop.* 9: 306 (1972); Hooker f. in *Fl. Bras.* 14(2): 37 (1867)].
 = *Hirtella hevanda* Mart. ex Colla, *Herb. Pedem.* 2: 289 (1834).
 TYPE: BRAZIL. Espírito Santo: Loco haud indicato, 1816, *Anonymous* [Wied] *s.n.* [TO, *lectotype*; *isolectotypes*: BM n.v., BR0000006592622, BR0000006592950, LD].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 198 (2013).

COMBRETACEAE

251. *Laguncularia racemosa* (L.) C.F.Gaertn., *Suppl. Carp.* 3: 209, t. 217 (1807).
 Specimens: BRAZIL. Bahia: “Rio Belmonte” [Rio Jequitinhonha], 1816, *Wied s.n.* (Schrader nr. 18) [BR0000006586614, LE – 2 sheets].

CONVOLVULACEAE

262. *Convolvulus igneus* Schrad., *Gött. Gel. Anz.* 1821(2): 716 (1821); Wied-Neuwied (1821: 236, 344).
 ≡ *Ipomoea flammea* Nees, *Flora* 4(1): 301, 329 (as “*stammea*”) (1821).
 ≡ *Operculina* ? *flammea* (Nees) Meisn., *Fl. Bras.* 7: 212 (1869).
 ≡ *Operculina ignea* (Schrad.) P.L.R.Moraes, *Scripta Bot. Belg.* 49: 69 (2013).
 TYPE: BRAZIL. Bahia: “Ladeira u. Caxuera” [Fazenda da Ladeira and Fazenda da Cachoeira], March 1817, *Wied s.n.* (Schrader nr. 36; Nees von Esenbeck nr. 36) [GOET 000754, *lectotype*; *isolectotypes*: BR0000006588267, LE].
269. *Evolvulus maximilianii* Mart. ex Choisy in DC., *Prodr.* 9: 444 (1845); Meissner in *Fl. Bras.* 7: 356, t. 124 (1869).
 TYPE: BRAZIL. Bahia: “prope Villa de Porto Alegre” [Mucuri], March [May] 1816, *Wied s.n.* (457; Schrader (asperif.) nr. 44) [B[†], BR0000006588892, BR0000006588557, GOET 000811, GOET 000812 (Mucuri, May 1816; Schrader nr. 44), GOET 000813 (idem), MEL 2353844, MEL 2353845, RB 00538240, *syntypes*].
 = *Evolvulus imbricatus* Mart. ex Colla, *Herb. Pedem.* 4: 207 (1835).
 TYPE: BRAZIL. Bahia: Rio Jequitinhonha, “Rio Belmonte”, s.d., *Anonymous* [Wied] *s.n.* [TO, *lectotype*; *isolectotype*: K 000945694].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 135 (2014).
270. *Evolvulus phylloides* Schrad., *Gött. Gel. Anz.* 1821(2): 707 (1821); Wied-Neuwied (1820: 104; 1821: 338).
 ≡ *Evolvulus ericoides* Nees, *Flora* 4: 301 (as “*Cladostylus ericoides*”), 327 (1821).
 [= *Evolvulus ericifolius* Mart. ex Schrank, *Pl. Rar. Hort. Monac.* t. 94 (1822), “*ericaefolius*”; Martius, *Flora* 24(2, Beibl.): 96 (1841); Meissner in *Fl. Bras.* 7: 340 (1869)].
 TYPE: BRAZIL. Rio de Janeiro: “Im Sande um Coral de Battuba und Paulista” [Fazenda de Barreto], September 1815, *Wied s.n.* (Schrader nr. 4; Nees von Esenbeck nr. 38.38) [BR0000006587550, *lectotype*; *isolectotype*: LE].
272. *Evolvulus martii* Colla, *Herb. Pedem.* 4: 207 (1835), non *Evolvulus martii* Meisn. in *Fl. Bras.* 7: 337, t. 121, fig. 1 (1869), *nom. illegit.* [see Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 135–137 (2014)].
 ≡ *Evolvulus villosus* Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 80 (1823), non *Evolvulus villosus* Ruiz & Pav., *Fl. Peruv.* 3: 30, t. 253, fig. B (1802).
 ≡ *Evolvulus tenuis* Mart. ex Choisy var. *obtusatus* Meisn. *Fl. Bras.* 7: 346, t. 122, fig. 2 (1869)].
 TYPE: BRAZIL. Bahia: “circa Tamburil et Valos inter frutices” [Fazenda de Tamburil and Quartel Geral do Valo], February 1817, *Wied s.n.* [TO, *lectotype*; *isolectotypes*: BR0000006587901, BR0000006588229, BR0000006587567 (Nees von Esenbeck nr. LXXVI; with label “*E. villosus* Rz Pav.” and not annotated by Meissner), MEL 2353846 (Nees von Esenbeck nr. LXXVI), BR0000006587895 (LXXVI; annotated as “*Evolvulus villosus*, Ruiz et Pav. et N. et M. Neov. p. 80” and not annotated by Meissner)].
 = *Evolvulus tenuis* Mart. ex Choisy, *Convolv. Diss. Sec. (Conv. Rar.)* 156 (1837); idem in *Mém. Soc. Phys. Genève* 8(1): 78 (1838).
 TYPE: BRAZIL. Espírito Santo: “Rio Doce”, s.d., *Anonymous* [Wied] *s.n.* [K 000613094, *holotype*].

COSTACEAE

286. *Globba cuspidata* Nees & Mart. in Schult., *Mant.* 1: 66b (1822); Nees & Martius in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 28 (1823).

≡ *Costus cuspidatus* (Nees & Mart.) Maas, *Acta Bot. Neerl.* 24: 469 (1976).

≡ *Chamaecostus cuspidatus* (Nees & Mart.) C. Specht & D.W. Stev., *Taxon* 55(1): 158 (2006).

TYPE: BRAZIL. Bahia: “ad ripas fluminis Ilhéos circa viam Felisbertiam”, January 1817, *Wied s.n.* [BR0000005188741, *holotype*; probable *isotype*: HBG 528104].

CYPERACEAE

296. *Cyperus coriaceus* (G.Mey.) Schrad. ex Nees, *Fl. Bras.* 2(1): 42 (1842).

[= *Cyperus ligularis* L., *Syst. Nat. (ed. 10)* 2: 867 (1759)].

Specimens: BRAZIL. Espírito Santo: “ad Capitania”, s.d., *Wied s.n.* (Schrader nr. 101) [BR0000005173174, LE];

BRAZIL. Bahia: Porto Seguro, 1816, *Wied s.n.* [unloc.].

297. *Cyperus denticulatus* Schrad. in Schult., *Mant.* 2: 104 (1824).

Cyperus surinamensis Rottb. var. *denticulatus* (Schrad.) Nees, *Fl. Bras.* 2(1): 21 (1842).

[= *Cyperus surinamensis* Rottb., *Descr. Pl. Rar.* 20 (1772)].

TYPE: BRAZIL. Bahia: “In insulis arenosis Rio Belmonte” [Rio Jequitinhonha], 1816, *Wied s.n.* (Schrader nr. 22)

[M 0153318 (with original label by Schrader; 2 specimens mounted on the same sheet), *holotype* ?; *isotypes*: BR0000006595906, C 10010338 ex Hb. Horn., LE ex Herb. Mertens].

302. *Cyperus luzulae* (L.) Rottb. ex Retz., *Observ. Bot.* 4: 11 (1786); Nees in *Fl. Bras.* 2(1): 20 (1842).

Specimens: BRAZIL. Bahia: “in sabulo Rio Belmonte” [Rio Jequitinhonha], 1816, *Wied s.n.* [BR0000005109852, LE ex Herb. Mertens].

304. *Eleocharis constricta* Schult., *Mant.* 2: 87 (1824).

[*Scirpus constrictus* Schrad. ex Schult., *Mant.* 2: 87 (1824)].

≡ *Limnochloa constricta* (Schult.) Nees, *Fl. Bras.* 2(1): 99 (1842).

[= *Eleocharis elegans* (Kunth) Roem. & Schult., *Syst. Veg.* 2: 150 (1817)].

TYPE: BRAZIL. Bahia: “in paludosis ad Rio de Contas”, March 1817, *Wied s.n.* (CX) [BR0000005175246, *holotype*; *isotype*: M 0274766, probably, with Schrader’s original label].

326. *Schoenus asper* Schrad. in Schult., *Mant.* 2: 41 (1824).

≡ *Trichelostylis aspera* (Schrad.) Nees, *Fl. Bras.* 2(1): 80 (1842).

≡ *Fimbristylis aspera* (Schrad.) Boeckeler, *Linnaea* 37: 29 (1871).

TYPE: BRAZIL. Loco haud indicato, “in paludosis”, s.d., *Wied s.n.* (Schrader nr. 24) [B – F neg. 11222 ex Herb. Nees nr. 2257, BR0000014845918 (annotated by Schrader), BR0000014845925, *isotypes*].

ERIOCAULACEAE

338. *Eriocaulon bifidum* Schrad. in Schult., *Mant.* 2: 468 (1824).

≡ *Paepalanthus bifidus* (Schrad.) Kunth, *Enum. Pl.* 3: 512 (1841).

≡ *Paepalanthus schraderi* Körn., *Fl. Bras.* 3(1): 360 (1863), *nom. illegit. superfl.*

TYPE: BRAZIL. Bahia: “prope Viçozam in arenosis” [Nova Viçosa], 1816, *Wied s.n.* (35) [LE, *holotype*; **Fig. 3**; *isotypes*: MEL 2353716 ex Herb. Sonder, and possibly MEL 2353715].

354. [*Paepalanthus niveus* (Bong.) Kunth, *Enum. Pl.* 3: 527 (1841)].

[= *Paepalanthus niveus* (Bong.) Kunth var. *rosulatum* Körn., *Fl. Bras.* 3(1): 435 (1863) ≡ *Syngonanthus niveus* (Bong.) Ruhland var. *rosulatus* (Körn.) Moldenke, *Phytologia* 3: 425 (1951)].

[= *Comanthera nivea* (Bong.) L.R. Parra & Giul., *Taxon* 59: 1141 (2010)].

Eriocaulon densum Mart. ex Colla, *Herb. Pedem.* 5: 483 (1836).

TYPE: BRAZIL. Bahia, Rio Jequitinhonha, “in arenosis ad Rio Belmonte”, 1816, *Wied s.n.* [TO, *lectotype*; *isolectotype*: BR0000008601803].

Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 144 (2014).

357. *Paepalanthus tortilis* (Bong.) Mart. ex Körn., *Fl. Bras.* 3(1): 354 (1863).

Specimens: BRAZIL. Rio de Janeiro: “in arenosis graminosis tempore pluviali inundatis inter Macahé et Campos”, 1815, *Wied s.n.* (3) [BR0000008600653, LE – 2 sheets ex Herb. Mertens, MEL 2353710 & MEL 2353749 ex Herb. Sonder].

= *Eriocaulon plumbeum* Mart. ex Colla, *Herb. Pedem.* 5: 484 (1836).
 TYPE: BRAZIL. Espírito Santo: Rio Doce, s.d., *Anonymous* [Wied] s.n. [TO].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 144 (2014).



Figure 3 – Holotype of *Eriocaulon bifidum* (LE).

EUPHORBIACEAE

364. [= *Acalypha brasiliensis* Müll.Arg. var. *obtusa* (Müll.Arg.) Müll.Arg., *Fl. Bras.* 11(2): 363 (1874)].
 [= *Acalypha brasiliensis* Müll.Arg., *Linnaea* 34: 37 (1865); idem in *Fl. Bras.* 11(2): 363 (1874)].
Acalypha subsana Mart. ex Colla, *Herb. Pedem.* 5: 113 (1836).
 Specimens: BRAZIL. Bahia: “in sylvis prope Ilheos/ ad via Felisbertia”, s.d., *Wied s.n.* [BR0000008675149, BR0000008674814].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 145 (2014).
365. [= *Acalypha communis* Müll.Arg. var. *hirta* (Spreng.) Müll.Arg., *Linnaea* 34: 24 (1865); idem in *Fl. Bras.* 11(2): 349 (1874)].
 [= *Acalypha communis* Müll.Arg., *Linnaea* 34: 23 (1865)].
Acalypha hirsuta Mart. ex Colla, *Herb. Pedem.* 5: 114 (1836).
 Specimen: BRAZIL. Rio de Janeiro: “in Campos de Goyatacazes”, 1815, *Wied s.n.* [BR0000008675477].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 145 (2014).
366. *Acalypha prunifolia* Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 37 (1823), *nom. illegit., non Acalypha prunifolia* Kunth, *Nov. Gen. Sp. (quarto ed.)* 2: 92 (1817); Müller Argoviensis in *Fl. Bras.* 11(2): 359 (1874).
 ≡ *Ricinocarpus prunifolius* (Nees & Mart.) Kuntze, *Revis. Gen. Pl.* 2: 618 (1891).
 [*Acalypha klotzschii* Baill., *Adansonia* 5: 231 (1865)].
 [= *Acalypha cuneata* Poepp., *Nov. Gen. Sp. Pl.* 3: 22 (1841)].
 TYPE: BRAZIL. Bahia: “ad Ilhéos fluvium, tum vero in silvis primaevae iuxta viam, qua Minas adeunt”, December 1816, *Wied s.n.* (Nees von Esenbeck nr. CXVI) [BR0000008675118, *lectotype*; *isolectotype*: TO (only the right-hand specimen)]. – Other specimens: BRAZIL. Bahia: “via Felisbertia”, s.d., *Wied s.n.* [BR0000008674784 (annotated by Martius as “*Acalypha maximiliana* Mart. var. *grandifolia* (α)”), TO (left-hand specimen)]; BRAZIL. Rio de Janeiro: “Campos Novos” [Fazenda de Campos Novos, current town of Tamoios], September 1815, *Wied s.n.* (Menke nr. 127) [BR0000008675446 (annotated by Martius as “*Acalypha maximiliana* Mart. var. β *angustifolia*”)]; idem, Rio de Janeiro, Cabo Frio, s.d., *Anonymous* [Wied] s.n. [BM 001125228]; idem, Rio de Janeiro, Cabo Frio, s.d., *Anonymous* [Wied] s.n. [K 000600547].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 144–145 (2014).
377. [= *Croton klotzschii* (Didr.) Müll.Arg., *Linnaea* 34: 136 (1865); idem in *Fl. Bras.* 11(2): 240 (1873)].
 [= *Astraea klotzschii* Didr., *Vidensk. Meddel. Dansk. Naturhist. Foren. Kjøbenhavn*: 137 (1857)].

Astraea macroua (Colla) P.L.R.Moraes, De Smedt & Guglielmo, *Harvard Pap. Bot.* 19(1): 145 (2014).
Croton macrourus Mart. ex Colla, *Herb. Pedem.* 5: 110 (1836).
TYPE: BRAZIL. Rio de Janeiro: Cabo Frio, s.d., *Anonymous* [Wied] s.n. [TO, *lectotype*; *isolectotypes*: BM 001125227, K 000186091].
Specimens: BRAZIL. Bahia: “in arenosis prope Villa Nova” [Olivença], 1816, *Wied s.n.* (377) [BR0000006594060, GOET, MEL 2353841, MEL 2353842].
Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 145 (2014).

390. *Croton janeirensis* Radcl.-Sm. & Govaerts, *Kew Bull.* 52: 187 (1997).
≡ *Croton macrocalyx* Mart. ex Baill., *Adansonia* 4: 303 (1864), *nom. illegit.*
TYPE: BRAZIL. Bahia: “ad fl. Ilheos”, s.d., *Anonymous* [Wied] s.n. (379) [K 000186157, MEL 2353832, P 00623527 – F Neg. 39567, *syntypes*].

395. *Ilex longifolia* Nees, *Flora* 4(1): 301, 329 (1821); Schrader in *Gött. Gel. Anz.* 1821(2): 719 (1821); de Candolle in *Prodr.* 2: 16 (1825); Reissek in *Fl. Bras.* 11(1): 74 (1861).
≡ *Pachystroma ilicifolium* Müll.Arg. var. *longifolium* (Nees) Müll.Arg., *Linnaea* 34: 178 (1865); *idem* in *Fl. Bras.* 11(2): 388 (1874).
≡ *Pachystroma longifolium* (Nees) I.M.Johnst., *Contr. Gray Herb.* 68: 90 (1923).
TYPE: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* (Schrader nr. 47; Nees von Esenbeck nr. 47) [BR000000590289, *holotype*; *isotype*: LE].

396. *Jatropha aculeatissima* Mart. ex Colla, *Herb. Pedem.* 5: 112 (1836), *Ic. Pl. Rar. Herb. Pedem.* 3: tab. 89, fig. 2 (1837) ≡ *Cnidocolus aculeatissimus* (Colla) Fern.Casas, *Fontqueria* 55: 67–68 (2002).
≡ *Jatropha ferox* Müll.Arg., *Fl. Bras.* 11(2): 497 (1874).
TYPE: BRAZIL. Espírito Santo: “ad Pedra Agoa” [Pedra d’Água], March 1816 [sic] [December 1815], *Wied s.n.* (Nees von Esenbeck nr. II) [G, *lectotype* designated by Fernández Casas, *loc. cit.*, as ‘typus *J. ferox*, atque *J. aculeatissima*?’; *isolectotypes*: BR0000006595050, LE (Fig. 4), MEL 2353779, TO (6455) ex Herb. Martius ex Herb. Colla].

401. *Sebastiania brasiliensis* Spreng., *Neue Entdeck. Pflanzenk.* 2: 118, t. 3 (1821).
[*Sebastiania brasiliensis* Spreng. var. *genuina* Müll.Arg. in DC., *Prodr.* 15(2): 1187 (1866), *nom. invalid.*; *idem* in *Fl. Bras.* 11(2): 587 (1874)].
Specimens: BRAZIL. Espírito Santo: “in arenosis”, s.d., *Wied s.n.* [BR0000008555274, BR0000008554086, BR0000008554413, GOET, MEL 2353830, MEL 2353866]; BRAZIL. Bahia: “ad Viam Felisbertiam”, s.d., *Anonymous* [Wied] s.n. [K 000253508; annotated with “*Gymnanthes squamosa* Mart.”, *nomen*].

404. *Sebastiania riparia* Schrad., *Gött. Gel. Anz.* 1821(2): 713 (1821); Wied-Neuwied (1820: 341; 1821: 342); Müller Argoviensis in DC., *Prodr.* 15(2): 1185 (1866).
≡ *Sebastiania viminea* Nees, *Flora* 4 (1821): 296, 328 (1821).
≡ *Gymnanthes riparia* (Schrad.) Müll.Arg., *Linnaea* 32: 106 (1863), *nom. illegit.*, *non Gymnanthes riparia* (Schltdl.) Klotzsch, *Arch. Naturgesch.* 7: 182 (1841).
≡ *Excoecaria riparia* (Schrad.) Müll.Arg., *Fl. Bras.* 11(2): 628 (1874), *nom. illegit.*, *non Excoecaria riparia* Schltdl., *Linnaea* 7: 386 (1832).
TYPE: BRAZIL. Bahia: “ad Rio Belmonte” [Rio Jequitinhonha], 1816, *Wied s.n.* (32.32) (Schrader nr. 26; Nees von Esenbeck nr. 26) [GOET 001813, *lectotype*; *isolectotypes*: BR0000008555120, G – F Neg. 24567, LE].

FABACEAE

408. *Acacia fruticosa* Mart. var. *acutifolia* Mart., *Flora* 20(2, Beibl.): 107–108 (1837).
[= *Piptadenia adiantoides* (Spreng.) J.F.Macbr., *Contr. Gray Herb.* 59: 17 (1919)].
TYPE: BRAZIL. Espírito Santo: “São Mattheus” [São Mateus], April 1816 [sic], *Wied s.n.* = *Martii Herb. Fl. Bras. nr. 145* [BR0000006493295, *syntype*].
= *Acacia lasiopus* Mart. ex Colla, *Herb. Pedem.* 2: 267 (1834), *syn. nov.*
TYPE: BRAZIL. Bahia: “ad fl. Ilheos”, *Anonymous* [Wied ?] s.n. [TO, *lectotype*; *isolectotypes*: BM 001053846, K 000057432].

411. *Aeschynomene histrix* Poir. var. *densiflora* (Benth.) Rudd, *Contr. U.S. Natl. Herb.* 32(1): 84 (1955).
Specimens: BRAZIL. Bahia: “Rio Belmonte” [Rio Jequitinhonha], 1816, *Wied s.n.* [BR0000013052966, MEL 2108294].

415. *Bactrylobium ferrugineum* Schrad., *Gött. Gel. Anz.* 1821(2): 713 (1821); Wied-Neuwied (1821: 176, 344).

≡ *Cassia ferruginea* (Schrad.) Schrad. ex DC., *Prodr.* 2: 489 (1825) var. *ferruginea*; Benth. in *Fl. Bras.* 15(2): 94 (1870).

TYPE: BRAZIL. Bahia: “ad Tambouril & Valos” [Fazenda de Tamburil and Quartel Geral do Valo], February 1817, *Wied s.n.* (27; Schrader nr. 27) [BR0000005118274, BR0000005117949, BR0000005117970, BR0000005118304, BR0000005118601, BR0000006916237, BR0000005117642, G-DC (drawn and fragment of leaves and flowers), LE, *isotypes*].

418. *Bauhinia breviloba* Benth., *Fl. Bras.* 15(2): 197 (1870).

[= *Bauhinia forficata* Link, *Enum. Hort. Berol. Alt.* 1: 404 (1821)].

TYPE: BRAZIL. Rio de Janeiro: “ad Rio Itabapua in confinibus prov. Rio de Janeiro et Espiritu Santo”, 1815, *Wied s.n.* (208) [BR0000006411398, BR0000006411381, K 000807337, MEL 260652, *syntypes*].



Figure 4 – Isolectotype of *Jatropa aculeatissima* (LE).

❖ [*Camptosema scarlatinum* (Mart. ex Benth.) Burkart, *Darwiniana* 16: 199 (1970)].
[= *Galactia scarlatina* (Mart. ex Benth.) Taub., *Nat. Pflanzenfam.* 3(3): 368 (1894)].
Collaea scarlatina Mart. ex Benth. var. *latifolia* Benth., *Comm. Leg. Gen.* 65 (1837).
TYPE: BRAZIL. Bahia: Vitória da Conquista, “Arrayal”, March 1817, *Wied s.n.* [BR0000013052799, BR0000013052805, *syntypes*].
Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 199 (2013).

421. *Caesalpinia bonduc* (L.) Roxb., *Fl. Ind. (ed. 2)* 362 (1832); Schrader in *Gött. Gel. Anz.* 1821(2): 712 (1821).
Specimens: BRAZIL. Espírito Santo: “Barra de S. Mathaeus et praya ad Rio Doce” [Conceição da Barra], 1816, *Wied s.n.* (Schrader nr. 20) [BR0000006586768, BR0000006586430, BR0000006587413, LE].

427. *Calliandra harrisii* (Lindl.) Benth., *London J. Bot.* 3: 95 (1844).
Specimens: BRAZIL. Rio de Janeiro: Cabo Frio, September 1815, *Wied s.n.* [BR0000005850679, BR0000005850730, BR0000005851065, BR0000005850341, BR0000005850419, Herbarium Wied nr. 28, K 000868224].

431. *Canavalia obtusifolia* (Lam.) DC., *Prodr.* 2: 404 (1825).
[= *Canavalia rosea* (Sw.) DC., *Prodr.* 2: 404 (1825)].
Specimens: BRAZIL. Espírito Santo: “R. Doce bey Regencia” [Regência], April 1816, *Wied s.n.* [BR0000005858330, BR0000005858002, BR0000005859856, M 0241913] = *Martii Herb. Fl. Bras. nr. 1133* [BR0000005858385, K 000930174].

437. *Cassia excelsa* Schrad., *Gött. Gel. Anz.* 1821(2): 717 (1821); Wied-Neuwied (1821: 166, 343); Bentham in *Fl. Bras.* 15(2): 109 (1870).
= *Cassia fastigiata* Nees, *Flora* 4(1): 303, 329 (1821).
= *Senna spectabilis* (DC.) H.S.Irwin & Barneby var. *excelsa* (Schrad.) H.S.Irwin & Barneby, *Mem. New York Bot. Gard.* 35(2): 604 (1982).
TYPE: BRAZIL. Bahia: “ad Barra da Vareda” [Inhobim], January – February 1817, *Wied s.n.* (39; Schrader nr. 39; Nees von Esenbeck nr. 39) = *Martii Herb. Florae Brasil. nr. 142* [GOET 000793 – NY Neg. 9586, *lectotype*; *isolectotypes*: BR0000006583675, BR0000006584009, G-DC (fragment + drawing) – F Neg. 7010, LE – 2 sheets].

441. *Cassia speciosa* Schrad., *Gött. Gel. Anz.* 1821(2): 718 (1821); Wied-Neuwied (1821: 232, 344); Bentham in *Fl. Bras.* 15(2): 102 (1870).
= *Cassia micans* Nees, *Flora* 4(1): 303, 329 (1821).
= *Senna macranthera* (DC. ex Collad.) H.S.Irwin & Barneby var. *micans* (Nees) H.S.Irwin & Barneby, *Mem. New York Bot. Gard.* 35(1): 185 (1982).
TYPE: BRAZIL. Bahia: “in sylvis Catingas”, March 1817, *Wied s.n.* (Schrader nr. 43; Nees von Esenbeck nr. 43) [BR0000006584337 – NY Neg. 9580, *lectotype* designated by Irwin & Barneby (1982: 185); *isolectotypes*: G-DC, GOET 000791 – NY Neg. 9581, GOET, LE, MEL 259212, MEL 266338].

❖ *Centrosema coriaceum* Benth., *Comm. Legum. Gen.* 54 (1837).
Specimen: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [LE ex Herb. Mertens].

447. [= *Chamaecrista desvauxii* (Collad.) Killipi, *Brittonia* 3: 165 (1939)].
Cassia adscendens Mart. ex Colla, *Herb. Pedem.* 2: 281 (1834).
TYPE: BRAZIL. Rio de Janeiro: Cabo Frio, *Anonymous* [Wied] *s.n.* [TO, *lectotype*; *isolectotypes*: E 00386747, K 000839827]. – Original material: BRAZIL. Rio de Janeiro: “R. São João”, September 1815, *Wied s.n.* [BR0000005853069]; idem, Rio de Janeiro: “in arena Cabo Frio, Coral de Battuba, Paulista aliisque Brasiliae locis”, September 1815, *Wied s.n.* (40.40) [BR0000005852734]; idem, loco haud indicato, s.d., *Wied s.n.* [Herbarium Wied nr. 57 & nr. 61].
Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 199 (2013).

450. *Chloroleucon tortum* (Mart.) Pittier ex Barneby & J.W.Grimes, *Mem. New York Bot. Gard.* 74(2): 146 (1996).
= *Pithecellobium tortum* Mart., *Flora* 20(2, Beibl.): 114 (1837).
TYPE: BRAZIL. Rio de Janeiro: “bei Campos”, September 1815, *Wied s.n.* (434) [BR0000005194810, MEL 2044805, *syntypes*]; BRAZIL. Rio de Janeiro, “Lagoa Sacoarema”, *Anonymous s.n.* = *Martii Herb. Fl. Bras. nr. 155* [BR0000005194483, K 000528077 (fragment), M 0213339, P 03093880, *syntypes*].
= *Inga torta* Mart. ex Colla, *Herb. Pedem.* 2: 256 (1834).
TYPE: BRAZIL. Loco haud indicato, “in silvis praemitivis”, *Anonymous s.n.* [K 000528075, *lectotype*].
Note: As pointed out by Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 199–200 (2013), in the protologue for *Pithecellobium tortum*, Martius (1837–1841) indicated two collections: “In sylvis siccioribus depressis, ad sepes,

locis calidis, apricis e. g. ad Lagoa Sacoarema in prov. Sebastianopolitana”, which must be referred to the specimen of *Martii Herbar Florae Brasil. 155* (thus the “*Dryas*” [Atlantic forest *s. lato*]; bearing flowers and fruits), possibly collected by Johann Christian Mikan (1769–1844), who is known to have visited that place; and “prope Villam de Campos, in deserto Bahiensi rel. [sic]: fl. Sept.”, thus referring to the specimen collected by Wied in Campos dos Goytacazes, Rio de Janeiro, in September 1815, which was wrongly indicated by Martius as being from Bahia, in the “Caatinga” region (thus the “*Hamadryas*” [“Caatinga”]; bearing only flowers). The specimen at BR was annotated anonymously and posteriorly with “434” on one of the two original labels by Wied. This number has been mistakenly cited in literature as a collection number. The specimen at M has been annotated as “holotype” of *Pithecellobium tortum* Mart., since it has an original label by Martius with the same information on the localities as published in the protologue. Nevertheless, the sheet is mounted with only one flowering branch, while the protologue indicates two different localities, therefore involving at least two different collections, which is a case of syntypes, not a holotype. There are other similar detailed data on Martius’s *Herbar Florae Brasil.* collections at M, where Martius noted several localities he knows the species to occur, but not necessarily with several physical syntypes present (H.-J. Esser, pers. obs.).

452. *Clitoria coccinea* Schrad., *Gött. Gel. Anz.* 1821(2): 717 (1821); Wied-Neuwied (1821: 167, 343).

[= *Clitoria falcata* Lam., *Encycl.* 2(1): 51 (1786) *vide* Nees in *Flora* 4: 329 (1821)].

≡ *Periandra coccinea* (Schrad.) Benth., *Comm. Legum. Gen.* 58 (1837); idem in *Fl. Bras.* 15(1): 136 (1859).

≡ *Glycinopsis coccinea* (Schrad.) Kuntze, *Revis. Gen. Pl.* 1: 190 (1891).

TYPE: BRAZIL. Bahia: “Barra da Vareda” [Inhobim], January – February 1817, *Wied s.n.* (Schradler nr. 41; Nees von Esenbeck nr. 41) [GOET 000790, *lectotype*; *isolectotypes*: BR0000005904099, BR0000005907083, LE – 2 sheets].

457. *Cranocarpus martii* Benth., *Fl. Bras.* 15(1): 106, t. 28 (1859).

Desmodium salicifolium Mart. ex Benth. in *Fl. Bras.* 15: 106 (1859), *nom. nud.*

TYPE: BRAZIL. Bahia: “ad Belmonte ad Ilheos” [sic], December 1816, *Wied s.n.* [BR0000005117185, BR0000005110513, BR0000005110186, K 000908455, *syntypes*].

Note: Cited by Bentham as Martius collection.

461. *Dalbergia ecastaphyllum* (L.) Taub., *Nat. Pflanzenfam. [Engler & Prantl]* 3(3): 335 (1894).

Ecastaphyllum maximiliani Mart., *nomen.*

Specimens: BRAZIL. Espírito Santo: Loco haud indicato, s.d., *Wied s.n.* [BR0000005857968, K 000909375]; idem, Rio de Janeiro: Cabo Frio, 1815, *Wied s.n.* = *Martii Herb. Fl. Bras. nr. 130* [BR0000005857630 (mounted together with a Mikan collection), K 000909370].

465. *Erythrina falcata* Benth., *Fl. Bras.* 15(1): 172 (1859).

TYPE: BRAZIL. Bahia: Loco haud indicato, s.d., *Wied s.n.* [BR0000006584023 (*Anonymous s.n.*, annotated by Bentham), *syntype*].

= *Erythrina martii* Colla, *Herb. Pedem.* 2: 250 (1834).

TYPE: BRAZIL. Rio de Janeiro (?): “Campos” [Campos dos Goytacazes ?], s.d., *Anonymous* [Wied ?] *s.n.* [TO].

Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 200 (2013). Martins & Azevedo Tozzi, *Taxon* 64(2): 390 (2015), have proposed the conservation of *E. falcata* against *E. martii*.

❖ [= *Indigofera microcarpa* Desv., *J. Bot. Agric.* 3: 79 (1814)].

Indigofera porrigens Mart. ex Colla, *Herb. Pedem.* 2: 148 (1834).

TYPE: BRAZIL. Espírito Santo: “Rio Doce”, April 1816 [sic], *Wied s.n.* [TO, *lectotype*; *isolectotypes*: BR0000013052904, BR0000013052928, BR0000013052935, BR0000013052942, BR0000013052959, K 000921145]; BRAZIL. Rio de Janeiro: “Paulista”, September 1815, *Wied s.n.* [BR0000013052911].

Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 200 (2013).

469. *Inga flagelliformis* (Vell.) Mart., *Flora* 20(2, Beibl.): 112 (1837).

Inga umbraculifera Mart., *nomen.*

Specimens: BRAZIL. Rio de Janeiro: “bei Tapebuçú” [Casimiro de Abreu], September 1815, *Wied s.n.* [BR0000006587222, GOET, MEL 2044807]; BRAZIL. Rio de Janeiro: Cabo Frio, s.d., *Anonymous s.n.* [K 000876281].

472. *Inga marginata* Willd., *Sp. Pl. (ed. 4)* 4(2): 1015 (1806).

[*Inga semialata* (Vell.) Mart., *Flora* 20(2, Beibl.): 111 (1837)].

[*Inga tetraphylla* Mart., *Flora* 20(2, Beibl.): 111 (1837), *nom. illegit.*]

Specimens: BRAZIL. Bahia: “Caravellas”, 1816, *Wied s.n.* [BR0000006586553, MEL 2044802, *syntype* of *I. tetraphylla* Mart.]; BRAZIL. Bahia: “Rio Grande de Belmonte” [Rio Jequitinhonha], 1816, *Wied s.n.*

- [BR0000006586881, BR0000006587215, BR0000006586560, BR0000006586898, GOET – 4 sheets, MEL 2046698].
 = *Inga crista* Mart. ex Colla, *Herb. Pedem.* 2: 256 (1834).
 TYPE: BRAZIL. Espírito Santo [Loco haud indicato]: Rio Doce [“in silvis primaevaeis”], s.d., *Anonymous* [Wied] s.n. [TO, *lectotype*; *isolectotype*: K 000876155].
 Note: Specimen BR0000006586553 has also another original label by Wied annotated “Sept. 1815” and was identified as *Inga tetraphylla* (Vell.) Mart. [= *Martii Herb. Florae Brasil. nr. 153*]. Specimens at TO and K 000876155 are annotated as “*Inga crista castrensis* Mart.” and closely match the Wied collection from Rio Jequitinhonha. Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 200–201 (2013).
474. *Lonchocarpus costatus* Benth., *J. Proc. Linn. Soc., Bot. Suppl.* 4: 100 (1860); idem in *Fl. Bras.* 15(1): 287 (1862) ≡ *Dalbergia costata* Mart. ex Colla, *Herb. Pedem.* 2: 251 (1834), as “*oopala*”.
 TYPE: BRAZIL. Espírito Santo: “ad Villa da Victoria” [Vitória], March 1816 [sic], *Wied s.n.* [K 000117578 – NY Neg. N.S. 2728, *lectotype*; *isolectotypes*: BR0000006583811, BR0000006583682, BR0000006584016, BR0000006584344, TO].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 201 (2013).
477. *Mimosa arenosa* (Willd.) Poir., *Encycl., Suppl.*, 1(1): 66 (1810).
Mimosa bispirata Mart., *nomen*.
 Specimens: BRAZIL. Bahia: “Valo, in campo”, 1817, *Wied s.n.* [BR0000005849444, K 000851071].
- ❖ *Mimosa invisá* Mart. ex Colla, *Herb. Pedem.* 2: 255 (1834), *non Mimosa invisá* Mart, *Flora* 20(2, Beibl.): 121. 1837, *nom. illegit.*; Barneby (1991: 307).
 TYPE: BRAZIL. Bahia: “Os Porcos, in campo” [region of Vitória da Conquista], March 1817, *Wied s.n.* [TO, *lectotype*; *isolectotypes*, BR0000013052775, BR0000013052782].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 201 (2013).
482. *Moldenhawera floribunda* Schrad., *Gött. Gel. Anz.* 1821(2): 718 (1821); Bentham in *Fl. Bras.* 15(2): 76 (1870).
 ≡ *Dolichonemia speciosa* Nees, *Flora* 4(1): 303, 329 (1821).
 TYPE: BRAZIL. Bahia: “in sylvis ad fl. Ilheos”, December 1816, *Wied s.n.* (44; Schrader nr. 44; Nees von Esenbeck nr. 44) [GOET 000787, *lectotype*; *isolectotypes*: BR0000006584078, BR0000006584405, BR0000006583743, BR0000006584030, BR0000006584399, GOET 000788, GOET 000789, LE 00006829, MEL 1061015, MEL 1061016].
484. *Ormosia arborea* (Vell.) Harms., *Repert. Spec. Nov. Regni Veg.* 19: 288 (1924); Wied-Neuwied (1820: 104).
 Specimens: BRAZIL. Rio de Janeiro: inter Curral de Batuba et Paulista [Fazenda de Barreto], September 1815, *Wied s.n.* [BR0000006584047, LE].
 Note: Specimen at LE is annotated with “*Ormosia coccinea* Jacks.” [= *Robinia coccinea* Aubl.].
490. *Piptadenia ramosissima* Benth., *J. Bot. (Hooker)* 4(30–31): 336–337 (1842).
 ≡ *Acacia ramosissima* Mart. ex Colla, *Herb. Pedem.* 2: 268 (1834).
 TYPE: BRAZIL. Bahia: “in sylvis ad Ilheos”, “via Felisbertia”, January 1817, *Wied s.n.* [TO, *lectotype*; *isolectotypes*: BM 001053849, BR0000005203406, BR0000005171262, BR0000005171903, K 000090271 (NY Neg. No: N.S. 1738)].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 201–202 (2013).
491. [*Piptadenia trisperma* (Vell.) Benth., *J. Bot. (Hooker)* 4: 337 (1841)].
 = *Acacia compta* Mart. ex Colla, *Herb. Pedem.* 2: 268 (1834).
 TYPE: BRAZIL. Espírito Santo: “Pedra d’Agoa” [Pedra d’Água], March 1816 [December 1815], *Wied s.n.* (437) [TO, *holotype*; *isotypes*: BM 001053804, BR0000005902507, BR0000005902149, BR0000005902835, K 000849931].
 = *Acacia plumosa* Colla, *Herb. Pedem.* 2: 267 (1834).
 TYPE: BRAZIL. Espírito Santo: “Vila Nova de Almeida” [Nova Almeida], December 1815, *Wied s.n.* [TO, *holotype*].
492. *Pithecellobium filamentosum* Benth., *London J. Bot.* 5: 106 (1846).
 ≡ *Abarema filamentosa* (Benth.) Pittier, *Trab. Mus. Comercial Venezuela* 2: 86 (1927).
 ≡ *Inga filamentosa* Mart. ex Colla, *Herb. Pedem.* 2: 256 (1834).
 TYPE: BRAZIL. Espírito Santo: Rio Doce, April 1816 [sic], *Wied s.n.* [TO, *lectotype*; *isolectotypes*: BM 000952427, BM 000952428, BR0000005113514, BR0000005117321, K 000091629 ex Herbarium Hookerianum – NY Neg. No.: N.S. 2005].

Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 198–199 (2013).

493. *Pithecellobium cauliflorum* Mart., *Flora* 20(2, Beibl.): 116 (1837).

[= *Zygia latifolia* (L.) Fawc. & Rendle var. *communis* (Mart.) Barneby & J.W.Grimes, *Mem. New York Bot. Gard.* 74(2): 119 (1997)].

TYPE: BRAZIL. Pará: Loco haud indicato, s.d., and Rio de Janeiro: “ad Rio Paraíba prope Campos”, September – October 1815, *Martii Herb. Fl. Bras. nr. 156* [BR0000005202621, *syntypes*]; BRAZIL. Rio de Janeiro: “Am Paraíba bei Campos”, 1815, *Wied s.n.* (259) [MEL 79951, *syntype*].

= *Inga ramiflora* Mart. ex Colla, *Herb. Pedem.* 2: 256 (1834), *nom. illegit.*, *syn. nov.*

TYPE: BRAZIL. Rio de Janeiro: “Paraíba” [Rio Paraíba], s.d., *Anonymous* [Wied] *s.n.* [K 000868873, **lectotype here designated**; *isolectotype*: MEL 79951].

Note: In the protologue of *P. cauliflorum*, Martius cited the collection from Pará by Hoffmannsegg, and also mentioned “nec non ad fluv. Paraíba, prope Campos rel.”. The latter locality is related to a Wied collection. The sheet at BR bears one specimen with both of the labels by Hoffmannsegg and by Wied. The status of *Inga ramiflora* Mart. ex Colla could be solved with the finding of the specimen communicated by Martius which is kept at Kew.

510. *Sophora littoralis* Schrad., *Gött. Gel. Anz.* 1821(2): 709 (1821); Wied-Neuwied (1820: 158, 279; 1821: 339); de Candolle in *Prodr.* 2: 96 (1825).

≡ *Sophora arenicola* Nees, *Flora* 4: 297, 327 (1821).

≡ *Sophora tomentosa* L. var. *littoralis* (Schrad.) Benth., *Fl. Bras.* 15(1): t. 124 (1862).

≡ *Sophora tomentosa* L. subsp. *littoralis* (Schrad.) Yakovlev, *Trudy Leningradsk. Khim.-Farm. Inst.* 17: 65 (1964).

TYPE: BRAZIL. Rio de Janeiro: Cabo Frio, September 1815, *Wied s.n.* [LE, *holotype*; *isotype*: BR0000005223305].

❖ [= *Stylosanthes gracilis* Kunth, *Nov. Gen. Sp. (quarto ed.)* 6: 507, t. 596 (1824)].

Stylosanthes virgata Mart. ex Colla, *Herb. Pedem.* 2: 192 (1834).

TYPE: BRAZIL. Bahia/Espírito Santo: “Caravellas / Barra de Jucu”, *Anonymous* [Wied] *s.n.* [TO, *lectotype*; *isolectotype*: BR0000013052898].

Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 203 (2013).

❖ *Stylosanthes grandifolia* M.B.Ferreira & Sousa Costa, *An. Soc. Bot. Brasil, XXVIII Congr. Nac. Bot.*: 84 (1978).

Specimen: BRAZIL. Bahia: “ad viam Felisberti”, s.d., *Anonymous* [Wied] *s.n.* [K 000908847].

512. *Swartzia elegans* Schott, *Syst. Veg. (ed. 16)* 4: App. 407 (1827); Bentham in *Fl. Bras.* 15(2): 23 (1870).

≡ *Swartzia myrtifolia* Sm. var. *elegans* (Schott) R.S.Cowan, *Fl. Neotrop.* 1: 168 (1968).

Specimens: BRAZIL. Rio de Janeiro: “in vicinia Rio de Janeiro”, 1815, *Wied s.n.* (Menke 94) [BR0000006583736, BR0000006584382, K 000877841].

514. *Zollernia falcata* Wied-Neuw. & Nees in Nees & Martius, *Fridericia & Zollernia*: 11, t. D (1827); idem in Wied-Neuwied & Nees, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 13: praef. p. xvi, t. D (1827); Bentham in *Fl. Bras.* 15(2): 9 (1870).

Zollernia speciosa Nees, *nomen*.

[= *Zollernia glabra* (Spreng.) Yakovlev, *Bot. Zhurn. (Moscow & Leningrad)* 61(9): 1306 (1976)].

TYPE: BRAZIL. Rio de Janeiro: “in ripa Paraibae fluminis”, September – October 1815, *Wied s.n.* [B⁺ – F Neg. 1881, ex Herbarium Nees, *holotype*; *lectotype* designated by Moraes (2012), MEL 2062015; *isolectotypes*: G, Herbarium Wied nr. 48, Herbarium Wied nr. 140, K 000892269, LE 00002445].

❖ *Zornia* cf. *gemella* Vogel, *Linnaea* 12(1): 61 (1838).

Specimen: BRAZIL. Loco haud indicato, “im Sand”, s.d., *Wied s.n.* (31) [LE; **Fig. 5**].

GENTIANACEAE

526. *Curtia verticillaris* (Spreng.) Knobl., *Bot. Centralbl.* 60: 356, 357 (1894).

Specimens: BRAZIL. Bahia: Mucuri, March 1816, *Wied s.n.* (Schrader Casperif. nr. 46) [BM 000567393, BR0000005937363]; BRAZIL. Espírito Santo: “Villa Velha”, s.d., *Anonymous* [Wied] *s.n.* [K 000438627].

Note: Specimens at BM and K are annotated with “*Schubleria stricta* Mart.”, *nomen*.

HYDROCHARITACEAE

539. *Najas tenera* Schrad., *Gött. Gel. Anz.* 1821(2): 715 (1821); Wied-Neuwied (1821: 241, 345).

≡ *Caulinia tenella* Nees, *Flora* 4(1): 299, 328 (1821).

[= *Najas arguta* Kunth, *Nov. Gen. Sp. (quarto ed.)* 1: 371 (1815) [1816] *fide* K. Schumann in *Fl. Bras.* 3(3): 729–730 (1894)].

TYPE: BRAZIL. Bahia: “ad Ilheos in flumine Taípe” [Rio Itaípe], December 1816, *Wied s.n.* (Schrader nr. 33) [MEL 108948, *lectotype*; *isolectotypes*: BR0000005850020 (mixed with material of *Potamogeton pusillus* L., *Sp. Pl.* 1: 127 (1753) var. *pusillus*), LE].



Figure 5 – *Zornia* cf. *gemella* (LE).

HYDROLEACEAE

❖ *Hydrolea spinosa* L., *Sp. Pl. (ed. 2)* 1: 328 (1762); Colla, *Herb. Pedem.* 4: 213 (1835).

Specimens: BRAZIL. Rio de Janeiro: Cabo Frio, s.d., *Anonymous* [Wied] s.n. [TO]; BRAZIL. Bahia: Rio Jequitinhonha, “Rio Belmonte”, August – September 1816, *Wied s.n.* (58) [BR0000013066918, BR0000013066925, BR0000013066932].

LAMIACEAE

548. *Hyptis inamoena* Benth., *Labiata. Gen. Spec.* 104 (1833).

[= *Hyptis ramosa* Pohl ex Benth., *Labiata. Gen. Spec.* 104 (1833)].

TYPE: BRAZIL. Espírito Santo: “in campis ad Rio Doce”, 1815 [April 1816, sic], *Wied s.n.* [BR0000005111152, BR0000005110827, BR0000005111473, K 000488391, PH 00015503 ex K (Photo), S (04-2747)].

550. *Marsypianthes hyptoides* Mart. ex Benth., *Labiata. Gen. Spec.* 64 (1833), *nom. illeg. superfl.*; Schmidt in *Fl. Bras.* 8(1): 78 (1858).

= *Marsypianthes chamaedrys* (Vahl) Kuntze, *Revis. Gen. Pl.* 2: 524 (1891).

Specimens: BRAZIL. Bahia: “Vila Viçosa” [Nova Viçosa], June 1816, *Wied s.n.* (36; 454) [BR0000013326258, BR0000013326265, LE].

552. *Salvia fruticetorum* Benth., *Labiata. Gen. Spec.* 284 (1833); Schmidt in *Fl. Bras.* 8(1): 194 (1858).

TYPE: BRAZIL. Bahia: “prope Arrayal da Conquista” [Vitória da Conquista], March 1817, *Wied s.n.* [BR0000006592660, *holotype*; *isotype*: K 000479454].

553. *Salvia neovidensis* Benth., *Labiata. Gen. Spec.* 284 (1833); Schmidt in *Fl. Bras.* 8(1): 195 (1858).

TYPE: BRAZIL. Rio de Janeiro & Espírito Santo: “prope Rio de Janeiro et Pedra d’Agoa”, 1815 and March 1816, *Wied s.n.* [BR0000006588298, *holotype*; *isotypes*: BR0000006587963, GOET 000797, K 000479455].

555. *Zapania echinus* Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 71, t. 5 (1823); Schauer in *Fl. Bras.* 9: 308 (1851).

≡ *Lippia echinus* (Nees & Mart.) Spreng., *Syst. Veg.* 4(2): 351 (1827).

≡ *Rhaphiodon echinus* (Nees & Mart.) Schauer, *Flora* 27(1): 346 (1844).

≡ *Rhaphiodon echinus* (Nees & Mart.) Schauer var. *grandifolius* Schauer, *Flora* 27(1): 346 (1844), *nom. invalid.*

TYPE: BRAZIL. Bahia: “Tamburili et Valo” [Fazenda de Tamburil and Quartel Geral do Valo], February 1817, *Wied s.n.* [BR0000005858149, *holotype*; *isotypes*: LD 1519461, LE].

LAURACEAE

559. *Ocotea angustifolia* Schrad., *Gött. Gel. Anz.* 1821(2): 711 (1821); Wied-Neuwied (1820: 341; 1821: 342).

≡ *Nectandra angustifolia* (Schrad.) Nees & Mart. in Nees, *Linnaea* 8: 48 (1833); Meissner in *Fl. Bras.* 5(2): 273 (1866).

Persea angustifolia Bartl., *nomen.*

TYPE: BRAZIL. Bahia: “Rio Grande de Belmonte” [Rio Jequitinhonha], 1816, *Wied s.n.* (Schrader nr. 16; Nees von Esenbeck nr. 28.28) [GOET 000796, *lectotype* designated by Rohwer in *Mitt. Inst. Allg. Bot. Hamburg* 20: 55 (1986); *isolectotypes*: BR0000008687180, BR0000008686855, G 00020751, GOET 000795, GZU 000254303, K 000642226, LE – 3 sheets (**Figs. 6, 7 & 8**), MEL 2318485 (*Anonymous s.n.*), NY 00355573 (ex LE, Herb. Mertens)].

LOASACEAE

565. *Loasa parviflora* Schrad. ex DC., *Prodr.* 3: 342 (1828); Urban in *Fl. Bras.* 13(3): 210 (1889).

≡ *Aosa parviflora* (DC.) Weigend, *Taxon* 55(2): 464 (2006).

TYPE: BRAZIL. Bahia: “Almada”, “ad Ilheos”, December 1816, *Wied s.n.* (83) [LE, *holotype*; *isotypes*: BR0000006595227, BR0000006592714, G-DC 00323756].

= *Loasa brasiliensis* Mart. ex Colla, *Herb. Pedem.* 2: 451 (1834).

TYPE: BRAZIL. Loco haud indicato, s.d., *Anonymous* [Wied ?] s.n. [TO, *lectotype*; *isolectotype*: E 00085322].

Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 203–206 (2013).

LYTHRACEAE

577. *Cuphea fruticulosa* Schrad., *Gött. Gel. Anz.* 1821(2): 715 (1821); Wied-Neuwied (1821: 86, 343).

≡ *Cuphea corymbifera* Nees, *Flora* 4(1): 302, 328 (1821).

≡ *Cuphea spicata* Cav. f. *corymbifera* (Nees) Koehne, *Fl. Bras.* 13(2): 244 (1877).

≡ *Cuphea racemosa* (L.f.) Spreng. f. *corymbifera* (Nees) Koehne, *Bot. Jahrb. Syst.* 1: 449 (1881).

[= *Cuphea racemosa* (L.f.) Spreng., *Syst. Veg.* (ed. 16) 2: 455 (1825)].

TYPE: BRAZIL. Bahia: Ilhéus, December 1816, *Wied s.n.* (Schrader nr. 31; Nees von Esenbeck nr. 31) [BR0000006588793, *lectotype*; *isolectotypes*: GOET 000785, LE, MEL 2353834].

578. *Cuphea melvilla* Lindl., *Bot. Reg.* 10: t. 852 (1824); Koehne in *Fl. Bras.* 13(2): 300, t. 54, fig. 6 (1877).

Specimens: BRAZIL. Espírito Santo: Rio Doce, April 1816 [sic], *Wied s.n.* (383; Schrader nr. 52) [BR0000006587802, BR0000006588458, GOET, LE, MEL 2353836].



Figure 6 – Isolectotype of *Ocotea angustifolia* (LE).



Figure 7 – Isolectotypes of *Ocotea angustifolia* (LE; specimens on the left and on the right).

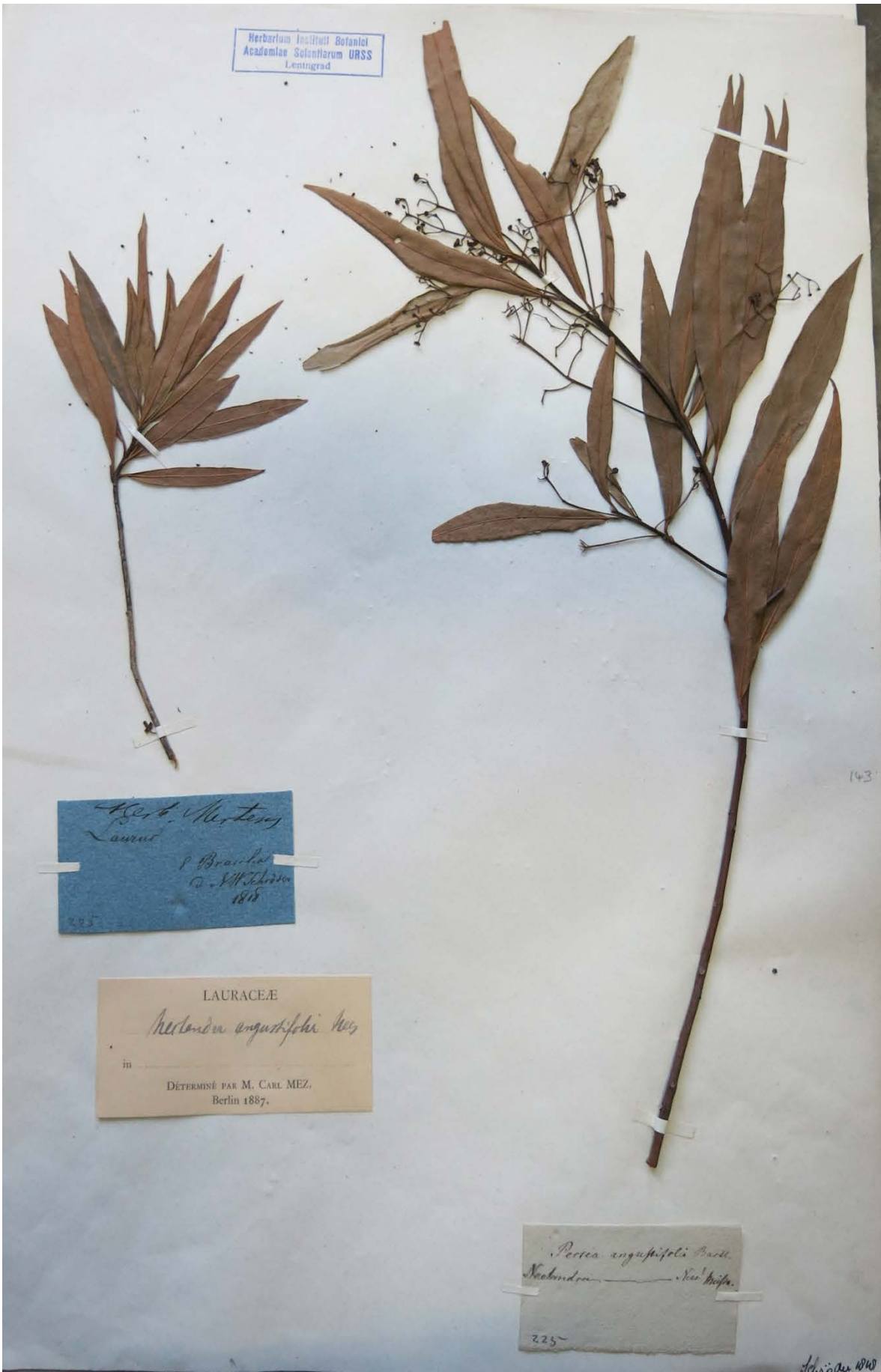


Figure 8 – Isolectotype of *Ocotea angustifolia* (LE).

❖ *Cuphea* sp.

Specimen: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [LE].

Note: Determined by Koehne as “*Cuphea procumbens* Cav.”.

MALPIGHIACEAE

587. *Byrsonima sericea* DC., *Prodr.* 1: 580 (1824); Grisebach in *Fl. Bras.* 12(1): 11 (1858).

[*Byrsonima sericea* DC. var. *typica* f. 2 Nied., *Arbeiten Bot. Inst. Königl. Lyceums Hosianum Braunsberg* 1: 6 (1901), *nom. illegit. superfl.*].

Specimens: BRAZIL. Rio de Janeiro: “in arenosis prope Cabo Frio”, September 1815, *Wied s.n.* (314; Klaenze nr. 43) [BR0000006586805, BR0000006586478, BR0000006586140, MEL 2065218, and possibly MEL 2065213]; BRAZIL. Espírito Santo: Vila Velha, “Barra de Jucu”, s.d., *Anonymous* [Wied] *s.n.* [TO].

Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(1): 26–27 (2013).

594. *Hiraea wiedeana* A.Juss., *Ann. Sci. Nat., Bot., Sér. 2*, 13: 257 (1840); Grisebach in *Fl. Bras.* 12(1): 100 (1858).

≡ *Hiraea ternifolia* (Kunth) A.Juss. var. *wiedeana* (A.Juss.) Nied., *Verz. Vorles. Königl. Lyceum Hosianum Braunsberg* 1906/07: 10 (1906).

TYPE: BRAZIL. Rio de Janeiro: “Moribeca” [Batalha], November 1815, *Wied s.n.* [BR0000006586157, *holotype*; *isotypes*: BR0000006587130, LD 1221554].

= *Hiraea macrophylla* (Colla) P.L.R.Moraes & Guglielmone, *Harvard Pap. Bot.* 18(1): 27 (2013).

Banisteria macrophylla Colla in *Herb. Pedem.* 1: 479 (1833), non *Banisteria macrophylla* A.Juss., *Arch. Mus. Hist. Nat.* 3: 418 (1843).

Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(1): 27 (2013) and in Anderson, *Edinburgh J. Bot.* 71(3): 370–372 (2014).

MALVACEAE

609. *Corchorus argutus* Kunth var. *prismatocarpa* K.Schum., *Fl. Bras.* 12(3): 130 (1886).

[= *Corchorus argutus* Kunth, *Nov. Gen. Sp. (quarto ed.)* 5: 337 (1822)].

TYPE: BRAZIL. Loco haud indicato: “Brasilia orientalis”, s.d., *Wied s.n.* (366; Klaenze nr. 120) [BM 001053850, BR0000005575367, BR0000005576029, BR0000005575695, *syntypes*].

= *Corchorus brasiliensis* Mart. ex Colla in *Herb. Pedem.* 1: 440 (1833).

TYPE: BRAZIL. Rio de Janeiro: “Campos Novos” [Fazenda de Campos Novos or Fazenda do Rei, current town of Tamoios], s.d. [September 1815], *Anonymous* [Wied] *s.n.* [TO, *lectotype*].

Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(1): 28 (2013).

615. *Hibiscus anonimus* Mart. ex Colla, *Herb. Pedem.* 1: 405 (1833).

[= *Pavonia cancellata* (L.) Cav. var. *crassivenosa* Gürke, *Fl. Bras.* 12(3): 516 (1892)].

[= *Pavonia cancellata* (L.) Cav., *Diss.* 3: 135 (1787)].

TYPE: BRAZIL. Espírito Santo: “ad Rio Doce prope Regencia”, April 1816, *Wied s.n.* [BR0000006586515, GOET 008073, TO *syntypes* of the variety and of *H. anonimus*]; BRAZIL. Rio de Janeiro: “Serra do Cap Frio”, s.d., *Wied s.n.* [TO, *lectotype* of *H. anonimus*, designated by Fryxell (1976: 590) as “holotype”].

Note: Colla (1833) and Fryxell (1976) attributed the collections to Martius. However, Martius never collected in Cabo Frio nor in Rio Doce.

619. *Malachra heptaphylla* Fisch., *Suppl. Hort. Bot. Hafn.* 78 (1819); Gürke in *Fl. Bras.* 12(3): 465 (1892).

Specimen: BRAZIL. Rio de Janeiro: Loco haud indicato, 1815, *Wied s.n.* [LE].

624. [*Pavonia longifolia* St.-Hil., *Fl. Bras. Merid. (quarto ed.)* 1: 239 (1827) *in sched.*].

[= *Pavonia multiflora* A.St.-Hil., *Fl. Bras. Merid.* 1: 239 (1827); Gürke in *Fl. Bras.* 12(3): 528 (1892)].

Pavonia lanceolata Colla, *Herb. Pedem.* 1: 398 (1833).

TYPE: BRAZIL. Espírito Santo: “Barra de Jucu”, December 1815, *Wied s.n.* (98) [TO, *lectotype* designated by Fryxell (1976: 590) as “holotype”]; *isolectotypes*: BR0000006586522, BR0000005849635].

Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(1): 29 (2013).

626. *Pavonia schiediana* Steud., *Nomencl. Bot. (ed. 2)* 279 (1841).

Specimens: BRAZIL. Espírito Santo: “Coroaba bey Barra de Jucu” [Fazenda de Coroaba], January 1816 [December 1815], *Wied s.n.* (50) [BR0000005849413, BR0000005852727, LE].

627. [= *Pavonia sessiliflora* Kunth var. *obtusifolia* Gürke, *Fl. Bras.* 12(3): 493 (1892), *nom. illegit. superfl.*].

[= *Peltaea trinervis* (C.Presl) Krapov. & Cristóbal, *Kurtziana* 2: 168 (1965)].

- Peltaea obsita*** (Mart. ex Colla) Krapov. & Cristóbal, *Bonplandia* 9(1–2): 148 (1996).
Peltaea obsita (Mart. ex Colla) P.L.R.Moraes & Guglielmone, *Harvard Pap. Bot.* 18(1): 29 (2013), *nom. illegit.*
Sida obsita Mart. ex Colla in *Herb. Pedem.* 1: 416 (1833).
 TYPE: BRAZIL. Espírito Santo, Aracruz, “prope Aldea Velha”, March 1816, *Wied s.n.* [TO, *lectotype*; BR0000006586867, BR0000005849963, *isolectotypes* and also *syntypes* of *Pavonia sessiliflora* Kunth var. *obtusifolia* Gürke].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(1): 23–36 (2013), who have overlooked the new combination already made by Krapovickas & Cristóbal to Colla’s name.
628. ***Pavonia spinistipula*** Gürke, *Fl. Bras.* 12(3): 513, t. 98, fig. 3 (1892).
 TYPE: BRAZIL. Bahia: “inter Cachoeira et Rio das Contas, in catinga”, March 1817, *Wied s.n.* (Klaenze nr. 92) [B[†] – F Neg. 9469, *holotype*; *isotypes*: BR0000006586188, CTES 52986 (fragm. ex BR), GOET 000778, LE].
631. *Schouwia semiserrata* Schrad., *Gött. Gel. Anz.* 1821(2): 717 (1821); *Wied-Neuwied* (1821: 167, 343).
 ≡ *Goethea semperflorens* Nees, *Flora* 4: 304 (1821); *Wied* (1853: 79).
 ≡ *Lebretonia ? semiserrata* (Schrad.) DC., *Prodr.* 1: 446 (1824).
 ≡ *Pavonia semperflorens* (Nees) Garcke, *Jahrb. Königl. Bot. Gart. Berlin* 1: 222 (1881).
 ≡ *Malache semiserrata* (Schrad.) Kuntze, *Revis. Gen. Pl.* 1: 71 (1891).
 ≡ ***Pavonia semiserrata*** (Schrad.) Steud., *Nomencl. Bot. (ed. 2)* 2: 279 (1841).
 ≡ *Pavonia semiserrata* (Schrad.) Gürke, *Fl. Bras.* 12(3): 527 (1892), *nom. illegit.*
 TYPE: BRAZIL. Bahia: “Barra da Vareda” [Inhobim], February 1817, *Wied s.n.* (Schrad. nr. 40; Nees von Esenbeck nr. 40) [GOET 000779, *lectotype*; *isolectotypes*: BR0000006587185, BR0000006586539, LE, MEL 2341133, MEL 2341134].
633. [= ***Sida cordifolia*** L., *Sp. Pl.* 2: 684 (1753); K. Schumann in *Fl. Bras.* 12(3): 329, t. 72 (1891)].
Sida subspicata Colla in *Herb. Pedem.* 1: 418 (1833).
 TYPE: BRAZIL. Espírito Santo: “ad Itapemirim”, 1816, *Wied s.n.* (Klaenze nr. 119) [TO, *lectotype*; *isolectotype*: GOET].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(1): 29, 32 (2013).
641. [non ***Waltheria americana*** L., *Sp. Pl.* 2: 673 (1753)].
 [= ***Waltheria indica*** L., *Sp. Pl.* 2: 673. 1753].
Waltheria martii Colla in *Herb. Pedem.* 1: 433 (1833).
 TYPE: BRAZIL. Espírito Santo: Cachoeiro de Itapemirim, December 1815, *Wied s.n.* (Klaenze nr. 118) [TO, *lectotype*; *isolectotypes*: BR0000005850082, MEL 2341129].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(1): 32 (2013).
642. [= ***Waltheria aspera*** K.Schum., *Fl. Bras.* 12(3): 55 (1886)].
Waltheria scabra (Colla) P.L.R.Moraes & Guglielmone, *Harvard Pap. Bot.* 18(1): 32 (2013).
Visenia scabra Colla in *Herb. Pedem.* 1: 431 (1833).
 TYPE: BRAZIL. Bahia, Mucuri, s.d., *Anonymous* [Wied] *s.n.* [TO, *lectotype* and also *syntype* of *W. aspera*].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(1): 32 (2013).
643. ***Waltheria cinerascens*** A.St.-Hil., *Fl. Bras. Merid. (quarto ed.)* 1: 152 (1825) [1827]; K. Schumann in *Fl. Bras.* 12(3): 54 (1886).
 Specimens: BRAZIL. Loco haud indicato “im Sande”, s.d., *Wied s.n.* (Klaenze nr. 124) [BR0000006588359, BR0000006587697, GOET, LE ex Herb. Mertens, MEL 2341128]; BRAZIL. Bahia: “Minasstrasse” [via Felisbertia], s.d., *Anonymous* [Wied] *s.n.* [TO].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(1): 32 (2013).
644. [= ***Wissadula hernandioides*** (L’Hér.) Garcke, *Z. Naturwiss.* 63: 122 (1890); K. Schumann in *Fl. Bras.* 12(3): 439 (1891)].
Sida subsessilis Colla in *Herb. Pedem.* 1: 417–418 (1833).
 TYPE: BRAZIL. Bahia: “ad Porto Seguro”, 1816, *Wied s.n.* [TO, *lectotype*; *isolectotypes*: BR0000006586850, BR0000006587161, LE ex Herb. Mertens].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(1): 33 (2013).
645. [Undetermined]
Visenia spicata Colla in *Herb. Pedem.* 1: 431 (1833).
 TYPE: BRAZIL. Rio de Janeiro: “Campos”, s.d., *Anonymous* [Wied] *s.n.* [TO, *lectotype*].
 Specimen: BRAZIL. Bahia: “Rio Belmonte” [Rio Jequitinhonha], 1816, *Wied s.n.* [BR0000013306403].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(1): 32 (2013).

MARANTACEAE

650. *Maranta cristata* Nees & Mart. in Schult., *Mant.* 1: 66a (1822); Nees & Martius in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 25 (1823).

[= *Maranta bicolor* Ker Gawl., *Bot. Reg.* 10: t. 786 (1824); Petersen in *Fl. Bras.* 3(3): 150 (1890)].

TYPE: BRAZIL. Bahia: “ad viam Felisbertiam, Ilheos”, December 1816, *Wied s.n.* (XX; Nees von Esenbeck nr. XX) [BR0000005185863, BR0000005186518, HBG 523528, *isotypes*].

651. *Maranta furcata* Nees & Mart. in Schult., *Mant.* 1: 66a (1822); Nees & Martius in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 24 (1823).

[in the synonymy of *Maranta gibba* Sm., *Cycl. (Rees)* 22, *Maranta* nr. 2 (1819) by Petersen in *Fl. Bras.* 3(3): 147 (1890)].

TYPE: BRAZIL. Bahia: “circa viam Felisberti, Centurionis”, January 1817, *Wied s.n.* (CXIX) [BR0000013572129, *holotype*].

Note: Andersson (1986) pointed out that *Maranta divaricata* Roscoe, *Monandr. Pl. Scitam.* 9–10: t. 27 (1828) would be a synonym of *M. furcata*.

652. [*Maranta jacquini* Roem. & Schult., *Syst. Veg. (ed. 15)* 1: 558 (1817), “*jacquini*” *fide* Nees & Martius in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 26 (1823)].

[*Stromanthe lutea* Eichler, *Abh. Königl. Akad. Wiss. Berlin* 1883: 81 (1884), *nom. illegit.*, *fide* Petersen in *Fl. Bras.* 3(3): 156 (1890)].

= *Ctenanthe pilosa* (Schauer) Eichler, *Abh. Königl. Akad. Wiss. Berlin* 1884: 83 (1884); Petersen in *Fl. Bras.* 3(3): 159 (1890).

[= *Ctenanthe marantifolia* (Vell.) J.M.A.Braga & H.Gomes, *Kew Bull.* 62: 647 (2007)].

Specimens: BRAZIL. Bahia: “circa viam Felisbertiam”, s.d., *Wied s.n.* (CXXI; Nees von Esenbeck nr. CXXI) [BR0000013572211, BR0000013572099, BR0000013572105].

Note: The entry number 649 of the *Catalogue* is merged here since it is based on the same Wied collection.

654. [*Maranta tonckat* Aubl., *Hist. Pl. Guiane* 1: 3 (1775) *fide* Nees & Martius in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 23 (1823) = *Stromanthe tonckat* (Aubl.) Eichler, *Abh. Königl. Akad. Wiss. Berlin* 1884: 80 (1884); Petersen in *Fl. Bras.* 3(3): 153 (1890)].

[= *Stromanthe glabra* Yosh.-Arns, *Ernstia* 12: 33 (2003) *fide* Yoshida Arns, 23 Sept. 2002].

Specimens: BRAZIL. Bahia: “ad flumen Ilhéos, Decembre 1816; tum etiam ad viam, qua iter est in Minas, silvas densissimas incolit”, *Wied s.n.* [BR0000005186501, BR0000005186174, HBG 523524].

655. *Phrynium ovatum* Nees & Mart. in Schult., *Mant.* 1: 66b (1822); Nees & Martius in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 27 (1823).

≡ *Calathea ovata* (Nees & Mart.) Lindl., *Bot. Reg.* 14: sub t. 1210 (1828); Petersen in *Fl. Bras.* 3(3): 105 (1890).

≡ *Maranta ovata* (Nees & Mart.) A.Dietr., *Sp. Pl. (ed. 6)* 1: 29 (1831).

≡ *Phyllodes ovata* (Nees & Mart.) Kuntze, *Revis. Gen. Pl.* 2: 696 (1891).

≡ *Goepertia ovata* (Nees & Mart.) Borchs. & S.Suárez, *Syst. Bot.* 37: 633 (2012).

TYPE: BRAZIL. Bahia: “iuxta viam Felisberti, Centurionis”, December 1816, *Wied s.n.* (LXII +) [BR0000005186181, BR0000013572303, BR0000013572075, HBG 523501, *isotypes*].

MELASTOMATACEAE

683. *Rhexia taxifolia* A.St.-Hil., *Monogr. Melast.* 150., t. 57 (1823).

≡ *Marcetia taxifolia* (A.St.-Hil.) DC., *Prodr.* 3: 124 (1828).

Specimens: BRAZIL. Rio de Janeiro: “Paulista, Cabo Frio”, September 1815, *Wied s.n.* [BR0000005536986, BR0000005536924, Herbarium Wied nr. 50, nr. 58 & nr. 138]. Probable original material: HBG 524871.

MORACEAE

695. *Dorstenia bahiensis* Klotzsch ex Fisch. & C.A.Mey., *Index Sem. (St. Petersburg)* 11: 64 (1846); Miquel in *Fl. Bras.* 4(1): 164 (1853).

Specimens: BRAZIL. Bahia: “in via Felisbertia”, January 1817, *Wied s.n.* (93) [BR0000006589752, BR0000006590086, MEL 2331210, U 0130464].

696. *Dorstenia cayapia* Vell. subsp. *vitifolia* (Gardner) C.C.Berg, *Proc. Kon. Ned. Akad. Wetensch., Ser. C, Biol. Med. Sci.* 89: 143 (1986); Miquel in *Fl. Bras.* 4(1): 170 (1853); C.C. Berg in *Fl. Neotrop.* 83: 211, 313 (2001).

Specimen: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [U 0130551].

697. [*Maclura zanthoxylon* (L.) Endl., *Gen. Pl. Suppl.* 4(2): 34 (1848); Miquel in *Fl. Bras.* 4(1): 156, t. 53 (1853)].
Maclura tinctoria (L.) D. Don ex Steud. subsp. *tinctoria*, *Fl. Neotrop.* 83: 58 (2001).
Specimens: BRAZIL. Espírito Santo: “in fruticetis prope Pedra d’Agoa” [Pedra d’Água], December 1815 (March 1816 sic), *Wied s.n.* (57) [BR0000006590741, BR0000006589769, BR0000006590093, BR0000006589431, U 0107614].

MYRTACEAE

709. *Eugenia maximiliana* O. Berg, *Fl. Bras.* 14(1): 250 (1857).

[= ***Eugenia puniceifolia*** (Kunth) DC., *Prodr.* 3: 267 (1828)].

Myrcia maximiliani Mart., *nomen*.

Protologue: “Habitat ad villam Viçosa in prov. Porto Seguro: Pr. de Neuwied”.

TYPE: BRAZIL. “Bras. or.”, s.d., *Wied s.n.* [BR0000005261055, BR0000005260720, MEL 1007494 ex Herb. Sonder, *isotypes*]; BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [Herbarium Wied nr. 49, MEL 1540563 & MEL 1540562 ex Herb. Sonder, probable *isotypes* of *E. maximiliana*]. – Original material: BRAZIL. Bahia: “ad viam Felisbertia”, s.d., *Wied s.n.* [K 001019506, S (05-2998)].

Other specimens: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [Herbarium Wied nr. 99 & nr. 119].

❖ ***Eugenia*** cf. ***uniflora*** L., *Sp. Pl.* 1: 470 (1753).

Specimens: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [BR0000013077396, BR0000013077402, BR0000013077419].

Note: Annotated with “Cambucá incolis / cum cortice nigro tingitur”.

❖ [*Calycorectes sellowianus* O. Berg, *Fl. Bras.* 14(1): 356 (1857)].

Eugenia vattimoana Mattos, *Loefgrenia* 120: 9 (2005).

Specimens: BRAZIL. Rio de Janeiro: loco haud indicato, September 1815, *Wied s.n.* (410; Menke nr. 97) [BR0000013079963, BR0000013079956, BR0000013079970].

NYCTAGINACEAE

733. [*Boerhavia adscendens* Vahl, *Enum. Pl.* 1: 285 (1805) cited by Roemer & Schultes in *Syst. Veg.* 1: 64 (1817) *vide* Nees & Martius in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 39 (1823)].

Boerhavia diffusa L., *Sp. Pl.* 1: 3 (1753).

Specimens: BRAZIL. Bahia: “ad ripas Ilhéos fluvii, exeunte Decembre 1816, etiam Almadae et ad Taipam in viis” [Rio Itaípe], *Wied s.n.* (CXII; Nees von Esenbeck nr. CXII) [BR0000013079949, LE].

Note: Specimen at LE is also determined as “*B. paniculata* Rich.”.

734. *Bougainvillea brasiliensis* Wied-Neuw., *Reise* 1: 44, 91, 347 (1820); idem in *Reise* 2: 248 (1821).

[= *Bougainvillea peruviana* Bonpl., *Pl. Aequinoct.* 1(7): 173, t. 49 (1808) *vide* Nees & Martius in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 39 (1823)].

[= ***Bougainvillea spectabilis*** Willd., *Sp. Pl. (ed. 4)* 2(1): 348 (1799) [1800]].

TYPE: BRAZIL. Rio de Janeiro: “Praya Grande to Cabo Frio”, August – September 1815, *Wied s.n.* [BR0000006586652, *lectotype*; *isolectotypes*: BR0000006590048, GOET, LE, MEL 2331225]; BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [Herbarium Wied nr. 129, *syntype*].

OCHNACEAE

❖ ***Ouratea salicifolia*** (A. St.-Hil. & Turl.) Engler var. ***latifolia*** Engler, *Fl. Bras.* 12(2): 325 (1876).

Specimen: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [LE].

744. ***Sauvagesia sprengelii*** A. St.-Hil., *Bull. Sci. Soc. Philom. Paris* 2: 173 (1823); Eichler in *Fl. Bras.* 13(1): 407 (1871).

Specimens: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [BR0000005854523, GOET, LE ex Herb. Mertens].

ONAGRACEAE

❖ ***Jussiaea pedunculata*** Colla, *Herb. Pedem.* 2: 385 (1834).

Probable original material: BRAZIL. Bahia: “Rio Belmonte”, s.d., *Anonymous* [Wied] *s.n.* [K 001077237].

Note: As pointed out by Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 209 (2013), no specimen has been located at TO for this name. However, the specimen located at Kew perfectly agrees with the protologue and it has been annotated by Philip A. Munz as “*J. myrtifolia* Camb.”, and by T.P. Ramamoorthy as “*Ludwigia martii* (Mich.)”.

ORCHIDACEAE

752. [= *Campylocentrum micranthum* (Lindl.) Rolfe, *Orchid. Rev.* 11: 245 (1903)].
Angraecum brevifolium Lindl., *Edwards's Bot. Reg.* 26: sub t. 68 (1840).
TYPE: BRAZIL. Rio de Janeiro: loco haud indicato, September 1815, *Wied s.n.* [BR0000005185504, *isotype*; K 000079740 (drawing by Lindley from BR)].

767. *Pelexia setacea* Lindl., *Gen. Sp. Orchid. Pl.* 482 (1840); Cogniaux in *Fl. Bras.* 3(4): 155 (1893).
≡ *Centrogenium setaceum* (Lindl.) Schltr., *Beih. Bot. Centralbl.* 37(2): 453 (1920).
[= *Eltroplectris calcarata* (Sw.) Garay & H.R.Sweet, *J. Arnold Arbor.* 53(3): 390 (1972)].
TYPE: BRAZIL. Espírito Santo: “ad Rio Doce, et in Sylvis ad Mandioccam [sic]”, December 1815, *Wied s.n.* [BR0000005185924, BR0000005186549, GOET 013863, W 0024034 – Reichenbach: Herb. Orchid. Nr. 41408, *syntypes*].

769. *Pleurothallis articulata* Lindl., *Edward's Bot. Reg.* 28: Misc. 83 (1842).
TYPE: BRAZIL. Bahia: loco haud indicato, March 1817, *Wied s.n.* [BR0000005186532, BR0000005185887, GOET 013894, *isotypes*].

773. *Zygostates cornuta* Lindl., *Edward's Bot. Reg.* 23: sub t. 1927 (1837); Cogniaux in *Fl. Bras.* 3(6): 217 (1905).
TYPE: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [BR, unloc., *holotype*; *isotype*: W 0024035 – Reichenbach: Herb. Orchid. Nr. 42189; K (drawing by Lindley from BR)].

PHYLLANTHACEAE

801. [= *Phyllanthus claussenii* Müll.Arg., *Linnaea* 32: 40 (1863); idem in *Fl. Bras.* 11(2): 61 (1873)].
Phyllanthus udicola Mart. ex Colla, *Herb. Pedem.* 5: 105 (1836).
TYPE: BRAZIL. Rio de Janeiro: Cabo Frio, s.d., *Anonymous* [Wied] *s.n.* [TO, *lectotype*]. – Probable original material: BRAZIL. Bahia: Rio Jequitinhonha, “Rio Bellmonte”, s.d., *Anonymous* [Wied] *s.n.* [BM 001125225].
Specimens: BRAZIL. Bahia: “in sylvis prope Villa Nova” [Oliveira], 1816, *Wied s.n.* [BR0000006592707, BR0000006592738, BR0000006593063].
Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 149 (2014).

802. [= *Phyllanthus flagelliformis* Müll.Arg., *Linnaea* 32: 54 (1863); idem in *Fl. Bras.* 11(2): 74 (1873)].
Specimen: BRAZIL. Bahia: “ad fluvium Ilheos”, s.d., *Wied s.n.* [BR0000006592189].
[= *Phyllanthus flagelliformis* Müll.Arg. var. *demonstrans* Müll.Arg., *Linnaea* 32: 55 (1863); idem in *Fl. Bras.* 11(2): 74, t. 10, fig. 1 (1873)].
[= *Phyllanthus linearis* Sw. *vide* Nees & Martius in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 38 (1823)].
Phyllanthus eurisladro Mart. ex Colla, *Herb. Pedem.* 5: 106 (1836).
Specimen: BRAZIL. Bahia: “ad Ilhéos fluvium” [Rio da Cachoeira], December 1816, *Wied s.n.* (Klaenze nr. 98; Nees von Esenbeck nr. CI) [BR0000006593728].
Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 147 (2014).

804. [= *Phyllanthus klotzschianus* Müll.Arg. var. *minor* Müll.Arg., *Linnaea* 32: 54 (1863); idem in *Fl. Bras.* 11(2): 71 (1873)].
[= *Phyllanthus klotzschianus* Müll.Arg., *Linnaea* 32: 53 (1863)].
Phyllanthus robustus Mart. ex Colla, *Herb. Pedem.* 5: 106 (1836).
Specimens: BRAZIL. Bahia: “in arenosis ad Rio Belmonte”, 1816, *Wied s.n.* [BR0000005904129, BR0000005904457].
Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 149 (2014).

805. *Phyllanthus lathyroides* Kunth var. *commutatus* Müll.Arg. f. *oblongifolius* Müll.Arg., *Linnaea* 32: 42 (1863); idem in *Fl. Bras.* 11(2): 52 (1873), as “*oblongatus*”.
[*Phyllanthus niruri* L. subsp. *lathyroides* (Kunth) G.L.Webster, *Contr. Gray Herb.* 176: 52 (1955)].
[= *Phyllanthus niruri* L., *Sp. Pl.* 2: 981 (1753)].
Specimens: BRAZIL. Bahia: “in arenosis ad Rio Belmonte” [Rio Jequitinhonha], 1816, *Wied s.n.* [BR0000005102839, BR0000005103164].
= *Phyllanthus* sp., Colla, *Herb. Pedem.* 5: 106 (1836).
Specimen: BRAZIL. Bahia: “via Felisbertia”, s.d., *Anonymous* [Wied] *s.n.* [TO].
Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 147, 149 (2014).

806. *Phyllanthus lathyroides* Kunth var. *genuinus* Müll.Arg. f. *microphyllus* Müll.Arg., *Linnaea* 32: 42 (1863); idem in *Fl. Bras.* 11(2): 52 (1873).
[*Phyllanthus niruri* L. subsp. *lathyroides* (Kunth) G.L.Webster, *Contr. Gray Herb.* 176: 52 (1955)].
[= *Phyllanthus niruri* L., *Sp. Pl.* 2: 981 (1753)].
Specimen: BRAZIL. Rio de Janeiro: “Moreb.” [Fazenda de Muribeca, probably the current populated place of Batalha], November 1815, *Wied s.n.* [BR0000005904785].
= *Phyllanthus elongatus* Mart. ex Colla, *Herb. Pedem.* 5: 105 (1836), *nom. illegit.*
TYPE: BRAZIL. Rio de Janeiro: Cabo Frio, s.d., *Anonymous* [Wied] s.n. [TO, *lectotype*].
Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 147, 149 (2014).

❖ *Phyllanthus* sp.

Specimen: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [BR0000013336844].

PIPERACEAE

814. *Enckea orthostachya* Kunth, *Linnaea* 13: 601 (1839) [1840]; Miquel in *Fl. Bras.* 4(1): 28 (1852).
= *Piper orthostachyum* Kunth, *Linnaea* 13: 602 (1839) [1840].
[= *Piper medium* Jacq., *Icon. Pl. Rar.* 1: 2, t. 8 (1781)].
Specimens: BRAZIL. Rio de Janeiro: “in paludosis ad Paraiba” [Rio Paraíba], 1815, *Wied s.n.* (Nees von Esenbeck nr. 29) [BR0000013066987, BR0000013066994, BR0000013067007].

825. [= *Piper arboreum* Aubl., *Hist. Pl. Guiane* 1: 23 (1775)].
Piper brasiliense Mart. ex Colla, *Herb. Pedem.* 5: 165 (1836), non *Piper brasiliense* C.DC., *Prodr.* 16(1): 259. 1869, *nom. illegit.* [see Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 149 (2014)].
TYPE: BRAZIL. Bahia: “via Felisbertia”, s.d., *Wied s.n.* (Menke nr. 123) [TO, *lectotype*; *isolectotypes*: BM 001125221, BR0000013067014, GOET].

829. *Pothomorphe sidaefolia* (Link & Otto) Miq., *Comm. Phytogr.* 36 (1840); idem in *Fl. Bras.* 4(1): 25 (1852).
[= *Pothomorphe umbellata* (L.) Miq., *Comm. Phytogr.* 36 (1840)].
Specimens: BRAZIL. Loco haud indicato: “in arenosis Brasiliae austro-orient.”, s.d., *Wied s.n.* (Nees von Esenbeck nr. 32) [BR0000006583712, BR0000006584368, BR0000013067021]; BRAZIL. Bahia: “R. Bellemont” [Rio Jequitinhonha], 1816, *Wied s.n.* [MEL 2331145].

POACEAE

833. *Cenchrus echinatus* L., *Sp. Pl.* 2: 1050 (1753); Schultes in *Mant.* 2: 145 (1824); Döll in *Fl. Bras.* 2(2): 310 (1877).
Specimens: BRAZIL. Bahia: “prope Rio Belmonte” [Rio Jequitinhonha], 1816, *Wied s.n.* [BR0000005175017, LE].

837. *Eragrostis bahiensis* Schrad. ex Schult., *Mant.* 2: 318 (1824).
[cited by Nees, *Fl. Bras. Enum. Pl.* 2: 497 (1829), under synonymy of *Eragrostis brasiliensis* (Raddi) Nees].
TYPE: BRAZIL. Bahia: Rio Belmonte, 1816, *Wied s.n.* [LE, *holotype*; *isotypes*: BR0000006865245 (var. β), LE ex Herb. Mertens].

838. *Eragrostis ciliaris* (L.) Nees, *Fl. Bras. Enum. Pl.* 2: 512 (1829), *hom. post.*, non *Eragrostis ciliaris* (L.) R.Br. in Tuckey, *Narr. Exped. Zaire* 478 (1818).
[cited by Schultes in *Mant.* 2: 328 (1824) under *Megastachya ciliaris* (L.) P.Beauv.].
= *Eragrostis ciliaris* (L.) R.Br. var. *ciliaris*
Specimens: BRAZIL: Loco haud indicato, s.d., *Wied s.n.* [LE ex Herb. Mertens (*Anonymous s.n.*), LE ex Herb. Schrader (*Anonymous s.n.*), possibly].
Note: There is a specimen at CGE ex Herb. J. Lindley that is annotated by Nees as “*Eragrostis ciliaris* Var. β . N. ab E. in Mart. Fl. Br.” and “Brazil” written anonymously.

839. *Eragrostis floribunda* Schrad. ex Schult., *Mant.* 2: 319 (1824).
[cited by Nees, *Fl. Bras. Enum. Pl.* 2: 496 (1829) under synonymy of *Eragrostis inconstans* Nees var. β ***].
[= *Eragrostis rufescens* Schrad. ex Schult., *Mant.* 2: 319 (1824)].
TYPE: BRAZIL. Bahia: “Rio Belmonte” [Rio Jequitinhonha], 1816, *Wied s.n.* [BR0000005857661, LE ex Herb. Mertens, possible *isotypes*].

840. *Eragrostis rufescens* Schrad. ex Schult., *Mant.* 2: 319 (1824).
Eragrostis inconstans Nees var. *rufescens* (Schrad. ex Schult.) Nees, *Fl. Bras. Enum. Pl.* 2: 495 (1829).

TYPE: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [LE, *holotype*; *isotypes*: BAA-1087, BR0000005110223, GOET 000773, LE ex Herb. Chamisso, MEL 2353857].

842. [*Ichnanthus almadensis* (Nees ex Trin.) Kunth, *Enum. Pl.* 1: 135 (1833); Döll in *Fl. Bras.* 2(2): 282 (1877)].
= *Ichnanthus nemoralis* (Schrad.) Hitchc. & Chase, *Contr. U.S. Natl. Herb.* 18(7): 334 (1917) ≡ *Panicum nemorale* Schrad. in Schult., *Mant.* 2: 255 (1824)].

[*Panicum martianum* var. β Nees, *Fl. Bras. Enum. Pl.* 2: 138 (1829)].

TYPE: BRAZIL. Bahia: “ad viam Felisbertiam”, s.d., *Wied s.n.* (CXV) [B 10 0248968 – specimen on the right, *holotype* of *Panicum nemorale* fide Carl Mez; *isotypes*: BR0000005174126, BR0000005110520, LE, US 00139860 (78073)].

Note: The specimen on the left on sheet B 10 0248968 – ex Herb. Nees nr. 212, was annotated by Nees as “*Panicum maximiliani* Schrad.” and by Döll as “*Ichnanthus almadensis* Kth.”.

846. [*Panicum calvescens* Nees ex Trin., *Gram. Panic.* 193 (1826); Nees in *Fl. Bras. Enum. Pl.* 2: 189 (1829), var. β].

≡ *Ichnanthus calvescens* (Nees ex Trin.) Döll var. *subvelutinus* Döll, *Fl. Bras.* 2(2): 287 (1877).

[= *Ichnanthus calvescens* (Nees ex Trin.) Döll, *Fl. Bras.* 2(2): 285 (1877)].

TYPE: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [B[†], BR0000005174522, LE ex Herb. Mertens, *syntypes*].

851. *Panicum maximilianii* Schrad. in Schult., *Mant.* 2: 255 (1824); Nees in *Fl. Bras. Enum. Pl.* 2: 139 (1829); Döll in *Fl. Bras.* 2(2): 221, t. 31 (1877).

[= *Ichnanthus leiocarpus* (Spreng.) Kunth, *Revis. Gramin.* 2: 507 (1831)].

TYPE: BRAZIL. Bahia: “ad versuras (Felisberto Gomes)” [via Felisbertia], s.d., *Wied s.n.* (CXIV) [LE, *holotype*; *isotypes*: B 10 0248968 – specimen on the left, BR0000005173976, BR0000005110193, GOET 006778].

853. *Panicum parvifolium* Lam., *Tabl. Encycl.* 1: 173 (1791) fide Nees in *Fl. Bras. Enum. Pl.* 2: 244–245 (1829) and Döll in *Fl. Bras.* 2(2): 261 (1877).

Specimens: BRAZIL. Bahia: “in paludibus ad flumen Mucuri”, March 1816, *Wied s.n.* (CXXV) [BR0000005119448, LE].

854. *Panicum planotis* Trin., *Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat.* 3, 1(2–3): 322 (1834).

≡ *Ichnanthus planotis* (Trin.) Döll, *Fl. Bras.* 2(2): 279 (1877).

[= *Ichnanthus hirtus* (Raddi) Chase, *J. Wash. Acad. Sci.* 13(9): 175 (1923)].

TYPE: BRAZIL. Bahia: “in via Felisbertiana”, s.d., *Wied s.n.* (CXVI; Herb. Nees 211) [B 10 0366218, *lectotype* designated by Stieber in *Syst. Bot.* 7: 103 (1982); *isolectotypes*: BR0000005110551, BR0000005173983, LE].

Note: Döll (1877: 279–280) indicated “*Ichnanthus lancifolius* Nees” (*nomen*) as synonym of *Ichnanthus planotis*. The specimen at B 10 0366218 (ex Herb. Nees, annotated by him as “*Ichnanthus lancifolius* Nees”) was selected by Stieber (1982) as the *lectotype* of Trinius’s name, thus in accordance with the variety “*alpha*” of Trinius and variety “*glaber*” of Döll. By locating the *holotype* of *Panicum vimineum* Schrad. in LE, which was not seen by Döll, nor by Stieber, the latter specimen proves to be the same *Wied* gathering as the one at Berlin, like also is evidenced by the specimens at BR. See entry number 859.

855. *Panicum polygonatum* Schrad. in Schult., *Mant.* 2: 256 (1824); Nees in *Fl. Bras. Enum. Pl.* 2: 185 (1829).

≡ *Panicum pilosum* Sw. var. *polygonatum* (Schrad.) Döll, *Fl. Bras.* 2(2): 211 (1877).

TYPE: BRAZIL. Bahia: “ad ripas fluvii Ilhéos”, December 1816, *Wied s.n.* (CXII) [LE, *holotype*; *isotypes*: B 10 0248951 – ex Herb. Nees 138, BAA-1935 (fragm. ex B), BR0000006883560 (*Panicum hydrophilum* Trin.), US 00139884 (80925)].

856. [*Panicum rudgei* Roem. & Schult., *Syst. Veg.* 2: 444 (1817); Schultes in *Mant.* 2: 242 (1824); Nees in *Fl. Bras. Enum. Pl.* 2: 194 (1829)].

Panicum cayennense Lam., *Tabl. Encycl.* 1: 173 (1791) fide Döll, *Fl. Bras.* 2(2): 219 (1877).

Specimens: BRAZIL. Bahia: “Rio Belmonte” [Rio Jequitinhonha], 1816, *Wied s.n.* [BR0000005176311, BR0000005176304, BR0000005176359, LE (*Anonymous s.n.*; ex Herb. Schrader)].

858. *Panicum trichophorum* Schrad. in Schult., *Mant.* 2: 247 (1824); Nees in *Fl. Bras. Enum. Pl.* 2: 183–185 (1829).

[= *Panicum pilosum* Sw., *Prodr.* 22 (1788)].

TYPE: BRAZIL. Bahia: “ad viam Felisbertiam”, s.d., *Wied s.n.* (CXIII) [LE, *holotype*].

859. *Panicum vimineum* Schrad. in Schult., *Mant.* 2: 255 (1824); Nees in *Fl. Bras. Enum. Pl.* 2: 157 (1829).

[≡ *Panicum planotis* Trin., *Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat.* 3, 1(2–3): 322 (1834), *syn. nov.*].

[≡ *Ichnanthus planotis* (Trin.) Döll, *Fl. Bras.* 2(2): 279 (1877), *syn. nov.*].

[= *Ichnanthus hirtus* (Raddi) Chase, *J. Wash. Acad. Sci.* 13(9): 175 (1923)].

TYPE: BRAZIL. Bahia: “in sylvis ad vias prov. Bahiensis” / “in sylvis ad vias prov. Bahiensis (Felisberto Gomes da Silva, quondam Centurio)”, s.d., *Wied s.n.* (CXVI; Schrader nr. 116)) [LE, *holotype*; **Fig. 9**; *isotypes*: B 10 0366218 ex Herb. Nees nr. 211, BR0000005110551, BR0000005173983].

Note: In Zuloaga & Morrone (2003: 431) and in Soreng *et al.* (2003 and onwards), the status of *Panicum vimineum* Schrad. appears as “doubtful or dubious”. Nevertheless, the finding of its holotype in LE has solved its taxonomic status and has proved to be a synonym of *Panicum planotis* Trin., whose lectotype is from the same Wied gathering.

868. *Paspalum parviflorum* Rhode ex Flügge, *Gram. Monogr., Paspalum* 98 (1810); Nees in *Fl. Bras. Enum. Pl.* 2: 50 (1829); Döll in *Fl. Bras.* 2(2): 44 (1877).

Specimens: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [LE]; BRAZIL. Bahia: “Rio Belmonte”, s.d., *Anonymous* [Wied] *s.n.* [K 001054752].

869. *Pharus micranthus* Schrad. ex Nees, *Fl. Bras. Enum. Pl.* 2: 302 (1829).

[*Pharus micranthus* Nees var. *discolor*, Döll in *Fl. Bras.* 2(2): 24 (1871)].

[= *Pharus lappulaceus* Aubl., *Hist. Pl. Guiane* 2: 859 (1775)].

TYPE: BRAZIL. Bahia: “ad viam Felisbertiam”, December 1816 [January 1817], *Wied s.n.* (Herb. Schrader 108: 123) (119; CXIX) [LE, *holotype*; *isotypes*: B 10 0365704, LE, US 00140941 (1645163) – fragm. ex Carl Mez Herbarium nr. I. 2588 – ex B?, W 1904-0009642].



Figure 9 – Holotype of *Panicum vimineum* (LE).

871. *Schizachyrium semiberbe* Nees var. *humile* Nees, *Fl. Bras. Enum. Pl.* 2: 336 (1829).
 [= *Andropogon riedelii* Trin., *Mem. Acad. Imp. Sci. St.-Petersbourg, Ser. 6, Sci. Math.* 2(3): 263 (1832) *fide* Döll in *Fl. Bras.* 2(3): 299 (1878)].
 [= *Schizachyrium sanguineum* (Retz.) Alston, *Handb. Fl. Ceylon* 6: 334 (1931)].
 TYPE: BRAZIL. Bahia: “ad Rio Belmonte” [Rio Jequitinhonha], 1816, *Wied s.n.* [BR0000005117246, *holotype*; *isotype*: K 000004673].

POLYGONACEAE

893. *Coccoloba brasiliensis* Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 30 (1823); Meissner in *Fl. Bras.* 5(1): 32 (1855).
 TYPE: BRAZIL. Bahia: “circa Valos, in regione, Campo geral dicta” [Quartel Geral do Valo], February 1817, *Wied s.n.* (Klaenze nr. 88; Nees von Esenbeck nr. CVIII) [BR0000006592653 (annotated as *lectotype* by R.A. Howard, 1960), B 10 0248246, LD 1670942, LE 00001654, *syntypes*].

894. [= *Coccoloba declinata* (Vell.) Mart., *Flora* 20(2, Beibl.): 90 (1837); Meissner in *Fl. Bras.* 5(1): 29 (1855)].
Coccoloba squamosa Mart. ex Colla, *Herb. Pedem.* 5: 48 (1836).
 TYPE: BRAZIL. Rio de Janeiro: Cabo Frio, s.d., *Anonymous* [Wied] *s.n.* [BM 001125230, *lectotype*].
 = *Coccoloba declinata* (Vell.) Mart. var. *minor* Meisn. in *Fl. Bras.* 5(1): 30 (1855), *nom. illegit. superfl.*
 TYPE: BRAZIL. Espírito Santo: “inter frutices in arenis ad Rio Doce,” April 1816 [sic], *Wied s.n.* [BR0000006593315, *lectotype*; *isolectotypes*: BR0000006592332, BR0000006593643].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 150–152 (2014).

895. [= *Coccoloba populifolia* Wedd., *Ann. Sci. Nat., Bot. sér. 3*, 13: 257 (1850) *fide* Meissner in *Fl. Bras.* 5(1): 40, t. 18 (1855)].
 [= *Coccoloba alnifolia* Casar., *Nov. Stirp. Bras.* 8: 71 (1844)].
Coccoloba firma Mart. ex Colla, *Herb. Pedem.* 5: 48 (1836); Eyma, *Polygon. Guttif. Surinam* 10 (1932); Howard, *J. Arnold Arbor.* 41: 239 (1960).
 TYPE: BRAZIL. Bahia: “via Felisbertia”, s.d., *Anonymous* [Wied] *s.n.* [TO, *lectotype*; *isolectotypes*: BM 000603281, K 000532343].
 Specimens: BRAZIL. Espírito Santo: “ad Rio Doce”, April 1816 [sic], *Wied s.n.* [BR0000005854264, MEL 2331219, NY 00878259].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 150 (2014).

PRIMULACEAE

903. *Myrsine ovalifolia* Miq., *Fl. Bras.* 10: 313, t. 57 (1862), *nom. illegit., non Myrsine ovalifolia* D.Dietr., *Syn. Pl.* 1: 619 (1839).
 = *Rapanea ovalifolia* (Miq.) Mez, *Pflanzenr.* IV. 236 (Heft 9): 391 (1902).
 = *Myrsine brasiliensis* Colla, *Herb. Pedem.* 4: 95 (1835).
 [= *Myrsine guianensis* (Aubl.) Kuntze, *Revis. Gen. Pl.* 2: 402 (1891)].
 TYPE: BRAZIL. Espírito Santo: “ad Aldea Velha” [Aracruz], March 1816 [sic], *Wied s.n.* [BR0000005849437, *lectotype*; *isolectotypes*: TO, U 0249300].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 138 (2014).

904. *Wallenia angustifolia* Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 87 (1823).
 = *Cybianthus principis* A.DC., *Trans. Linn. Soc. London* 17: 104 (1834).
 = *Icacorea principis* (A.DC.) A.DC., *Prodr.* 8: 118, 120 (1844).
 = *Ardisia semicrenata* Mart. var. *angustissima* (Nees & Mart.) Miq., *Fl. Bras.* 10: 283, t. 29, fig. 3 (1862).
 = *Tinus angustifolia* (Nees & Mart.) Kuntze, *Revis. Gen. Pl.* 2: 973 (1891).
 = *Ardisia angustifolia* (Nees & Mart.) Mez, *Pflanzenr.* IV. 236 (Heft 9): 94 (1902), *nom. illegit., non Ardisia angustifolia* A.DC., *Prodr.* 8: 134 (1844).
 = *Icacorea angustifolia* (Mez) Lundell, *Phytologia* 56(1): 20 (1984).
 [= *Ardisia guianensis* (Aubl.) Mez, *Symb. Antill. (Urban)* 2(3): 392 (1901)].
 TYPE: BRAZIL. Bahia: “ad ripas fluminis Ilhéos et ad vicum R. da Caxuera” [Cachoeira], December 1816, *Wied s.n.* [BR0000005175000, BR0000005174997, LD]. – Other specimen: BRAZIL. *Martius Obs.* 2133 [M – F Neg. 20055].

RUBIACEAE

907. [*Basanacantha spinosa* (Jacq.) K.Schum. var. *pubescens* (Kunth) K.Schum., *Fl. Bras.* 6(6): 378 (1889) = ***Randia humboldtiana*** (Schult.) DC., *Prodr.* 4: 387 (1830).
Randia sp. fide Claes Gustafsson (pers. comm.).
 Specimens: BRAZIL. Rio de Janeiro: “prope Campo novo” [Fazenda de Campos Novos or Fazenda do Rei, Tamoios], September 1815, *Wied s.n.* [BR0000005574643, BR0000005574971, LD 1638730].
908. *Borreria cymosa* (Spreng.) Cham. & Schltldl., *Linnaea* 3: 323 (1828); K. Schumann in *Fl. Bras.* 6(6): 64, t. 81 (1888).
 ≡ *Scandentia cymosa* (Spreng.) E.L.Cabral & Bacigalupo, *Darwiniana* 39(1–2): 34, fig. 3 (2001), *nom. invalid.*
 ≡ ***Descantia cymosa*** (Spreng.) E.L.Cabral & Bacigalupo, *Darwiniana* 39(3–4): 353 (2001) [2002].
 Specimens: BRAZIL. Rio de Janeiro: “prope Cabo Frio”, 1815, *Wied s.n.* (4) [BR0000005622276, LE].
909. [= *Borreria scabiosoides* Cham. & Schltldl., *Linnaea* 3: 318 (1828); K. Schumann in *Fl. Bras.* 6(6): 54 (1888)].
 [= ***Spermacoce scabiosoides*** (Cham. & Schltldl.) Kuntze, *Revis. Gen. Pl.* 3: 123 (1898)].
Spermacoce martiana Colla, *Herb. Pedem.* 3: 146 (1835).
 TYPE: BRAZIL. Espírito Santo: “ad fluvium Doce”, April 1816 [sic], *Wied s.n.* (Menke nr. 120) [TO, *lectotype*; *isolectotypes*: BR0000006428693, BR0000006428365].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 219 (2013).
910. [*Cephaëlis dichotoma* Rudge, *Hist. Pl. Guiane* 1: 29, t. 44 (1805) fide Nees & Martius in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 12: 17 (1824)].
 [= *Psychotria dichotoma* (Rudge) Bremek., *Recueil Trav. Bot. Néerl.* 31: 301 (1934)].
 [= ***Psychotria platypoda*** DC., *Prodr.* 4: 510 (1830)].
 = *Psychotria martiana* Müll.Arg., *Fl. Bras.* 6(5): 339, t. 51 (1881).
 TYPE: BRAZIL. Bahia: “in umbrosis circa viam Felisbertiam iuxta flumem Ilhéos”, December 1816, *Wied s.n.* (CXIV; Nees von Esenbeck nr. CXIV) [BR0000008415059, LE, MEL 2353861, *syntypes*]; BRAZIL. Bahia: “in sylvis ad Ilheos”, December [1816], *Wied s.n.* = *Martii Herb. Fl. Bras. nr. 618* [BR0000008415417, BR0000005316403, F (0070511F), G 00300389, K 000015624, LE, M 0189136, P 03942894, *syntypes*].
914. *Coutarea hexandra* (Jacq.) K.Schum. var. *pubescens* (Pohl) K.Schum., *Fl. Bras.* 6(6): 198 (1889).
 [cf. *Coutarea hexandra* f. *pubescens* (Pohl) Steyererm., *Mem. New York Bot. Gard.* 23: 298 (1972)].
 = ***Coutarea hexandra*** (Jacq.) K.Schum., *Fl. Bras.* 6(6): 196 (1889).
 Specimens: BRAZIL. Bahia: “prope Tambu Valla [sic]” [Fazenda de Tamburil (probably in municipality of Condeúba) and Quartel Geral do Valo], February 1817, *Wied s.n.* (XVI) [LE]; BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [Herbarium Wied nr. 78].
917. *Diodia alata* Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 12: 11 (1824); K. Schumann in *Fl. Bras.* 6(6): 14 (1888).
 ≡ *Dasycephala alata* (Nees & Mart.) Hook.f., *Gen. Pl.* 2(1): 144 (1873) idem ex B.D.Jacks. *Index Kew.* 2: 719 (1893).
 [= ***Spermacoce palustris*** (Cham. & Schltldl.) Delprete, *Fl. Illustr. Catarinense Rubiaceas* 2: 740 (2005)].
 TYPE: BRAZIL. Bahia: “circa Ilhéos fluvium inque viis Vici Sti Petri d’Alcantara” [Itabuna], December 1816, *Wied s.n.* [LE, *holotype*; **Fig. 10**; BR0000006589387, possible *isotype*].
 Note: K. Schumann did not cite the collection by Wied.
918. [*Spermacoce assurgens* Ruiz & Pav., *Fl. Peruv.* 1: 60, tab. 92 (1798) fide Nees & Martius in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 12: 11 (1824); de Candolle in *Prodr.* 4: 557 (1830), ex parte].
Diodia assurgens K.Schum., *Fl. Bras.* 6(6): 22 (1888), *sensu* Nees & Martius, *loc. cit.*
 ≡ *Spermacoce spiralis* Bacigalupo & E.L.Cabral, *Pl. Ecol. Evol.* 143(1): 101 (2010).
 ≡ ***Spermacoce rubescens*** (Colla) P.L.R.Moraes & De Smedt, *Harvard Pap. Bot.* 18(2): 226 (2013).
 ≡ *Bigelovia rubescens* Colla, *Herb. Pedem.* 3: 147 (1835).
 TYPE: BRAZIL. Bahia: “circa viam Felisbertiam”, December 1816, *Wied s.n.* (86 +; 369; Klaenze nr. 86) [BR0000006590734, *lectotype*; *isolectotypes*: B – F Neg. 859, BR0000006589424, MEL 2353862, TO].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 218–221 (2013).
920. *Diodia polymorpha* Cham. & Schltldl., *Linnaea* 3: 344 (1828) fide K. Schumann in *Fl. Bras.* 6(6): 11 (1888).
 [= ***Galianthe brasiliensis*** (Spreng.) E.L.Cabral & Bacigalupo, *Ann. Missouri Bot. Gard.* 84(4): 861 (1997)].

Specimens: BRAZIL. Bahia: "ad flumen Belmonte" [Rio Jequitinhonha], 1816, *Wied s.n.* (69) [unloc.]; idem, "prope Tamburil et Vallo" [Fazenda de Tamburil and Quartel Geral do Valo, Condeúba], February 1817, *Wied s.n.* (78) [BR0000006590727].

= *Bigelovia ramulosa* Mart. ex Colla, *Herb. Pedem.* 3: 147 (1835).

TYPE: BRAZIL. Bahia: "Estrada de Minas" [via Felisbertia?], *Anonymous* [Wied?] s.n. [TO].

Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 217 (2013).



Figure 10 – Holotype of *Diodia alata* (L.).

925. *Hamelia patens* Jacq., *Enum. Syst. Pl.* 16 (1760); Ruiz & Pavón in *Fl. Peruv.* 2: 68, t. 221, fig. a (1799) *vide* Nees & Martius in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 12: 16 (1824); K. Schumann in *Fl. Bras.* 6(6): 321, t. 136 (1889).
Specimens: BRAZIL. Bahia: “ad Viam Felisbertiam”, s.d., *Wied s.n.* (Klaenze nr. 84) [BR0000006590055]; BRAZIL. Espírito Santo: “Villa Nova de Almeida” [Nova Almeida], December 1815, *Wied s.n.* (96) [LE, TO].
Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 217 (2013).

926. *Manettia attenuata* Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 12: 14 (1824).

[cited by K. Schumann in *Fl. Bras.* 6(6): 170–172 (1889) as synonym of *Manettia ignita* (Vell.) K.Schum.]

[=*Manettia ignita* (Vell.) K.Schum. var. *cordifolia* (Mart.) K.Schum., *Fl. Bras.* 6(6): 171 (1889)].

≡ *Manettia cordifolia* Mart. var. *attenuata* (Nees & Mart.) Wernham, *J. Bot. (Suppl.)* 57: 20. (1919).

[=*Manettia cordifolia* Mart., *Königl. Akad. Wiss. Königl. Gen.-Conserv. Wiss. Saaml. München* 9: 95, t. 7 (1824)].

TYPE: BRAZIL. Bahia: “Str. d. C. F. B.”, “circa viam Felisberti, Centurionis”, January 1817, *Wied s.n.* (XL) [BR0000016150799, BR0000016150768 (*Anonymous s.n.*), *syntypes*]; BRAZIL. Loco haud indicato, s.d., *Martius s.n.* [BR0000016150775 (annotated by Nees as “*Manettia attenuata* n. sp.”, *syntype*)]. – Original material: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [Herbarium Wied nr. 39].

= *Manettia ignita* (Vell.) K.Schum. var. *glabra* K.Schum., *Fl. Bras.* 6(6): 171 (1889).

Specimen: BRAZIL. Loco haud indicato, “Port[-]” (?), s.d., *Wied s.n.* [BR0000016150782].

Note: By returning to BR the specimens that were on loan, it became possible to ascertain the status of Wied’s collection number “XL”, which was cited by K. Schumann, *loc. cit.*, under *M. ignita* var. *cordifolia* and collected “prope Cabo Frio” (sic), as being the same material cited by Nees & Martius for *M. attenuata*. The specimen cited by K. Schumann as “prope Porta” is indeed a Wied collection, but of locality unknown (the best tentative would be “Porto Seguro”). From these new findings, the entries number 927 and 928 of the *Catalogue* have been merged here.

❖ *Mitracarpus hirtus* (L.) DC., *Prodr.* 4: 572 (1830).

Specimen: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [LE].

❖ [= *Palicourea croceoides* Desv. ex Ham., *Prodr. Pl. Ind. Occid.* 29 (1825), as “*Palicuria*”].

Psychotria martii Colla, *Herb. Pedem.* 3: 141 (1835).

TYPE: BRAZIL. Rio de Janeiro: Campos dos Goytacazes, “Campos”, *Anonymous* [Wied] *s.n.* [TO, *lectotype*; *isolectotype*: BR0000005748792].

Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 217–218 (2013).

933. *Posoqueria revoluta* Schrad., *Gött. Gel. Anz.* 1821(2): 714 (1821); Wied-Neuwied (1821: 85, 343).

≡ *Posoqueria insignis* Nees, *Flora* 4(1): 301, 328 (1821).

[=*Posoqueria latifolia* (Rudge) Roem. & Schult., *Syst. Veg.* 5: 227 (1819); K. Schumann in *Fl. Bras.* 6(6): 338, t. 140, fig. 2 (1889)].

TYPE: BRAZIL. Bahia: “ad flumen Ilheos”, “Am Cururupe und Taïpe” [Riacho Cururupe or Cururupe, and Rio Itaípe], December 1816, *Wied s.n.* (29; Schrader nr. 29; Nees von Esenbeck nr. 29) [MEL 2353867, *lectotype*; *isolectotype*: LE].

935. *Psychotria marcgravii* (A.St.-Hil.) Spreng. var. *rufescens* (A.St.-Hil.) Müll. Arg., *Fl. Bras.* 6(5): 251 (1881).

≡ *Palicourea marcgravii* A.St.-Hil. var. *rufescens* A.St.-Hil., *Hist. Pl. Remarq. Brésil* 232 (1824).

[=*Palicourea marcgravii* A.St.-Hil., *Hist. Pl. Remarq. Brésil* 231, t. 22 (1824)].

Specimens: BRAZIL. Bahia: “ad flumen Itahype vulgaris ad vias” [Rio Itaípe], December 1816, *Wied s.n.* [BR0000006590352]; BRAZIL. Espírito Santo: “Itap.” [Itapemirim], November 1815, *Wied s.n.* [BR0000006590680]; BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [BR0000005747450, BR0000005746552, BR0000005747122, BR0000005747368].

= *Palicourea hebeantha* DC., *Prodr.* 4: 525 (1830); Colla, *Herb. Pedem.* 3: 141 (1835), as “*Psychotria hebeantha*?”.

TYPE: BRAZIL. Loco haud indicato, 1820, *Stevens s.n.* [G-DC – F Neg. 6664, *holotype*].

Specimen: BRAZIL. Rio de Janeiro, Cabo Frio, s.d., *Anonymous* [Wied ?] *s.n.* [TO].

Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 218 (2013).

❖ *Rudgea* sp.

Specimen: BRAZIL. Espírito Santo: “Barra do Jucu”, s.d., *Wied s.n.* [BR0000005785889].

946. *Tetramerium coeruleum* Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 12: 12 (1824).

≡ *Faramea coerulea* (Nees & Mart.) DC., *Prodr.* 4: 497 (1830); Müller Argoviensis in *Fl. Bras.* 6(5): 153 (1881).

TYPE: BRAZIL. Bahia: "via Felisbertia", January 1817, Wied s.n. (Klaenze nr. 95; Nees von Esenbeck nr. CIV)
 [LE, holotype; Fig. 11; isotypes: BR0000006589400, BR0000006590758, BR0000006590420].



Figure 11 – Holotype of *Tetramerium coeruleum* (LE).

RUTACEAE

958. *Esenbeckia pilocarpoides* Kunth var. *maurioides* (Mart.) Engl., *Fl. Bras.* 12(2): 144 (1874).
≡ *Esenbeckia pilocarpoides* Kunth subsp. *maurioides* (Mart.) Kaastra, *Acta Bot. Neerl.* 26: 477 (1977).
TYPE: BRAZIL. Espírito Santo: “Itapemirim”, 1815, *Wied s.n.* [BR0000008710215, M 0274675, *syntypes*].

960. *Metrodorea nigra* A.St.-Hil., *Fl. Bras. Merid. (quarto ed.)* 1: 81, t. 16 (1825); Engler in *Fl. Bras.* 12(2): 150 (1874).
Specimens: BRAZIL. Espírito Santo: “Capitania”, s.d., *Wied s.n.* [BR0000006589240, BR0000006589578, LD, MEL 2318486].
Note: Further information about the identity of the specimen at MEL is found in Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 152 (2014).

SAPOTACEAE

992. *Mimusops floribunda* Mart., *Flora* 22(1, Beibl.): 3. 1839; Miquel in *Fl. Bras.* 7: 43, t. 17 (1863).
≡ *Synarrhena floribunda* (Mart.) Fisch. & C.A.Mey., *Bull. Sci. Acad. Imp. Sci. Saint-Petersbourg* 8: 256 (1841).
≡ *Kaukara floribunda* (Mart.) Kuntze, *Revis. Gen. Pl.* 2: 406 (1891).
≡ *Manilkara floribunda* (Mart.) Dubard, *Ann. Inst. Bot.-Geol. Colon. Marseille, Sér. 3*, 3: 22 (1915).
[= *Manilkara subsericea* (Mart.) Dubard, *Ann. Inst. Bot.-Geol. Colon. Marseille, Sér. 3*, 3: 22 (1915)].
Protologue: “Crescit in arenosis, ad Oceani littus, e.g. prope Cabo frio”.
TYPE: BRAZIL. Rio de Janeiro: “prope Cabo Frio”, s.d. [1815], *Martii Herb. Fl. Bras. nr. 488* = *Wied s.n.* (238; Menke nr. 27; Klaenze nr. 27) [BR0000006587307, G – ex Herb. W. Sonder, K 000641048, M 0174505 – F Neg. 20102, MEL 2353768 ex Herb. Sonder, P 00645533, P 00645534, W 0024033, *syntypes*]; BRAZIL. “Brasilia orientalis”, s.d., *Wied s.n.* [BR0000006586980 – sterile (annotated as ‘Massaranduba’), Herbarium Wied nr. 107, nr. 126 & nr. 128].

SCROPHULARIACEAE

994. *Angelonia campestris* Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 44 (1823); Schmidt in *Fl. Bras.* 8(1): 238 (1862).
[= *Angelonia bisaccata* Benth. in DC., *Prodr.* 10: 252 (1846); Schmidt in *Fl. Bras.* 8(1): 239 (1862)].
TYPE: BRAZIL. Bahia: “prope Tamburil et Valos in campis (Campos)” [Fazenda de Tamburil and Quartel Geral do Valo, Condeúba], February 1817, *Wied s.n.* (77) [BR0000006590314, *holotype*; *isotypes*: BR0000006589981, BR0000006589653, LE]. – Probable original material: K 000528707, PH 00003210, S (10-19381).

997. *Herpestis stricta* Schrad., *Enum. Hort. Berol. Alt.* 2: 142 (1822); Schmidt in *Fl. Bras.* 8(1): 310 (1862).
≡ *Bacopa stricta* (Schrad.) Wettst. apud Edwall, *Bol. Commiss. Geogr. Estado São Paulo* 13: 176, 180 (1897).
Specimens: BRAZIL. Bahia: “prope fluv. Rio Belmonte”, 1816, *Wied s.n.* [BR0000006590635 ex Herb. Mertens, LE].
Note: Specimen at LE bears label annotated by Schrader with “Marsypianthes hyptoides Mart.”.

999. *Physidium procumbens* Schrad., *Gött. Gel. Anz.* 1821(2): 714 (1821); Wied-Neuwied (1821: 86, 343).
≡ *Schelveria arguta* Nees, *Flora* 4(1): 299, 328 (1821).
≡ *Angelonia procumbens* (Schrad.) Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 45 (1823).
TYPE: BRAZIL. Bahia: “in locis humidis umbrosis ad Villam dos Ilheos”, December 1816, *Wied s.n.* (30; Schrader nr. 30; Nees von Esenbeck nr. 30) [LE, *holotype*; *isotypes*: BR0000006590307, BR0000006589974, GOET 000761, GOET 000762, LE].

❖ cf. *Stemodia trifoliata* (Link) Rchb., *Iconogr. Bot. Exot.* 1: 3, t. 1 (1824).
Stemodia paniculata Mart. (Schränk & Martius, 1829: 64), *nomen, fide* Schrader.
Specimen: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [LE].

1002. *Tetraplacus platytilus* Radlk. f. *longifolius* Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 15(2): 263 (1885).
≡ *Otacanthus platytilus* (Radlk.) Taub. f. *longifolius* (Radlk.) Taub., *Bot. Jahrb. Syst.* 12(Beibl. 28): 13 (1890).
≡ *Otacanthus platytilus* (Radlk.) Taub. var. *longifolius* (Radlk.) Ronse, *Brittonia* 53: 146 (2001).
[= *Achetaria platytila* (Radlk.) V.C.Souza, *Pesquisas, Botânica* 60: 91 (2009)].
TYPE: BRAZIL. Espírito Santo: Loco haud indicato, s.d., *Wied s.n.* (99) (in Hb. Martius 302) [B[†] – F Neg. 12427, *holotype*; *isotypes*: BR0000005423484 (drawing and fragment), BR0000006583606, BR0000006584283, BR0000006583934].

Note: Specimens at BR0000006583606, BR0000006584283, and BR0000006583934 were listed as undetermined on entry number 1106 “Species sp. 7” of the *Catalogue*.

SIMAROUBACEAE

1004. [= *Simaba cuneata* A.St.-Hil. & Tul., *Ann. Sci. Nat., Sér. 2*, 17: 138 (1842); Engler in *Fl. Bras.* 12(2): 216 (1874)].

Simaba floribunda A.St.-Hil., *Mém. Mus. Hist. Nat.* 10: 277 (1823).

Specimen: BRAZIL. Bahia: “pr. Caravellas”, 1816, *Wied s.n.* [TO].

= *Zwingera discolor* Colla, *Herb. Pedem.* 1: 556 (1833).

TYPE: BRAZIL. Espírito Santo: Rio Doce, s.d., *Anonymous* [Wied] *s.n.* [TO, *lectotype*].

Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(1): 33 (2013).

SOLANACEAE

1007. *Athenaea micrantha* Sendtn., *Fl. Bras.* 10: 135 (1846).

TYPE: BRAZIL. Bahia: “V. Viçosa” [Nova Viçosa], June 1816, *Wied s.n.* (Menke nr. 131; Nees von Esenbeck nr. 24) [BR0000005530748, *lectotype*; *isolectotype*: BR0000005530410].

1008. [*Aureliana fasciculata* (Vell.) Sendtn., *Fl. Bras.* 10: 140 (1846)].

= *Aureliana glomuliflora* Sendtn., *Fl. Bras.* 10: 138 (1846).

≡ *Bassovia glomuliflora* (Sendtn.) Dunal in DC., *Prodr.* 13(1): 405 (1852).

≡ *Capsicum glomuliflorum* (Sendtn.) Kuntze, *Revis. Gen. Pl.* 2: 450 (1891).

TYPE: BRAZIL. Bahia: “in via Felisbertia prope Ilheos”, s.d., *Wied s.n.* (XXXIII +) [BR0000006589417, *lectotype*; *isolectotypes*: BR0000005875849, BR0000005875870].

1009. [*Brunfelsia maritima* Benth. in DC., *Prodr.* 10: 200 (1846); Schmidt in *Fl. Bras.* 8(1): 258 (1862)].

[*Brunfelsia latifolia* (Pohl) Benth. in DC., *Prodr.* 10: 199 (1846)].

[*Brunfelsia* cf. *bonodora* (Vell.) J.F.Macbr., *Field Mus. Nat. Hist., Bot. Ser.* 8(2): 112 (1930) *fide* T. Plowman 1 Feb. 1974].

= *Brunfelsia uniflora* (Pohl) D.Don, *Edinburgh New Philos. J.* 7: 85 (1829).

Specimens: BRAZIL. Bahia: “prope Villa Viçosa” [Nova Viçosa], January 1816, *Wied s.n.* [BR0000006587994, BR0000006588328, BR0000005574834, BR0000013082642].

1013. *Datura suaveolens* Willd., *Enum. Pl.* 227 (1809); Sendtner in *Fl. Bras.* 10: 161 (1846).

≡ *Brugmansia suaveolens* (Willd.) Bercht. & C.Presl, *Prir. Rostlin* 1: Solanac. 45 (1823).

Specimens: BRAZIL. Bahia: “in sabulosis ad Rio Belmonte” [Rio Jequitinhonha], 1816, *Wied s.n.* [BR0000005502196, BR0000006588656, GOET].

1015. [= *Physalis angulata* L., *Sp. Pl.* 1: 183 (1753); Sendtner in *Fl. Bras.* 10: 130 (1846)].

Physalis glaberrima Colla, *Herb. Pedem.* 4: 279 (1835).

TYPE: BRAZIL. Espírito Santo: “in arenosis ad stagna, inter fluvios Rio Doce et S. Mathaeus”, April 1816 [sic] [December 1815], *Wied s.n.* (Nees von Esenbeck nr. IV) [TO, *lectotype*; *isolectotypes*: BR0000005575084, BR0000005575411].

Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 138 (2014).

1016. *Physalis neesiana* Sendtn., *Fl. Bras.* 10: 131 (1846).

[= *Physalis pubescens* L., *Sp. Pl.* 1: 183 (1753) *fide* M. Martínez in *Anales Inst. Biol. Univ. Nac. Autón. México, Bot.* 69(2): 106 (1998)].

TYPE: BRAZIL. Bahia: “R.[io] B.[elmonte]” [Rio Jequitinhonha], 1816, *Wied s.n.* (Menke nr. 128; Nees von Esenbeck nr. 26) [BR0000006587666, *lectotype*; *isolectotypes*: BR0000006588977, OKLA 97848 (fragm. ex BR), and probably TO (*Anonymous s.n.*; “*Brasilia*”)].

Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 138–139 (2014).

❖ *Solanum asperum* Rich., *Actes Soc. Hist. Nat. Paris* 1: 107 (1792).

Specimen: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* (9) [LE].

Note: Annotated by Nees with “*Solanum Radula* Vahl / *S. salvinifolium* Lam.”.

1020. [= *Solanum asterophorum* Mart., *Flora* 21(2, Beibl.): 79 (1838)].

Solanum asterophorum Mart. var. *tomentosum* Sendtn., *Fl. Bras.* 10: 98 (1846).

TYPE: BRAZIL. Rio de Janeiro: “inter arbusta prope Campos”, 1815, *Wied s.n.* (Klaenze nr. 136; Nees von Esenbeck nr. 23) [BR0000008366283, LE, *syntypes* of variety]. Specimen: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [Herbarium Wied nr. 8].

1021. *Solanum cernuum* Vell., *Fl. Flumin.* 84 (1829); *Icones* 2, t. 103 (1831).

Specimens: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* (Nees von Esenbeck nr. 18; Klaenze nr. 131) [GOET, LE, MEL 2353793].

1022. *Solanum cordifolium* Dunal, *Encycl., Suppl.* 3: 764 (1814); Sendtner in *Fl. Bras.* 10: 102 (1846).

Specimens: BRAZIL. “in Brazilia orientali”: s.d., *Wied s.n.* (Nees von Esenbeck nr. 25) [BR0000006587352, LE]; BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [Herbarium Wied nr. 53].

Note: Specimen at LE is annotated with “*Solanum viscidulum* Nees”, *nomen*; and “*S. palludosum* Moric.” *fide* S. Knapp 2009.

1023. [*Solanum crotonifolium* Dunal, *Solan. Syn.* 18 (1816), *fide* Nees von Esenbeck in *sched.*].

Specimens: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* (Nees von Esenbeck nr. 5) [GZU 000255523, LE, MEL 2353770, MEL 2353771]; idem, *Wied s.n.* [Herbarium Wied nr. 15].

Note: *Solanum crotonifolium* Dunal is endemic to Colombia, it does not occur in Brazil, therefore this is a misidentification by Nees (M. Nee, pers. comm.).

1026. *Solanum hexandrum* Vell., *Fl. Flumin.* 88 (1829); *Icones* 2, t. 122 (1831); Sendtner in *Fl. Bras.* 10: 71, t. 5, fig. 37 (1846).

[*Solanum latifolium* Dunal in DC., *Prodr.* 13(1): 353 (1852), determined by A. Peter in GOET].

Specimens: BRAZIL. Rio de Janeiro: “prope Campos et ad Paraiba” [Rio Paraiba], September – October 1815, *Wied s.n.* (Nees von Esenbeck nr. 1) [BR0000006588304, GOET, LE].

❖ “*Solanum malifolium* Nees”, *ined.*

Specimen: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* (11) [LE; **Fig. 12**].

❖ *Solanum maroniense* Poit., *Ann. Soc. Hort. Par.* 7: 155 (1830).

Specimen: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* (4) [LE].

Note: Annotated by Nees with “*Solanum cuneifolium* Dunal”.

1030. *Solanum mauritianum* Scop., *Delic. Fl. Faun. Insubr.* 3: 16, t. 8 (1788).

Specimens: BRAZIL. Rio de Janeiro: “St. Bento, am Paraiba” [Rio Paraiba], September 1815, *Wied s.n.* (Nees von Esenbeck nr. 3) [BR0000005576135, LE].

1031. *Solanum paniculatum* L., *Sp. Pl. (ed. 2)* 1: 267 (1762).

Specimens: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [GZU 000255446, LE]; idem, loco haud indicato, s.d., *Wied s.n.* (Nees von Esenbeck nr. 6) [LE, MEL 2353777].

❖ *Solanum* sp.

Specimen: BRAZIL. Loco haud indicato, s.n., *Wied s.n.* (12) [LE, annotated by Nees as “*Solanum verbascifolium* R. Br.”].

THEACEAE

1042. *Kieseria stricta* Nees, *Flora* 4(1): 298 (1821).

≡ *Bonnetia stricta* (Nees) Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 12: 37, t. 6 (1824); Wawra in *Fl. Bras.* 12(1): 324 (1886).

≡ *Haemocharis stricta* (Nees) Kuntze, *Revis. Gen. Pl.* 1: 62 (1891).

TYPE: BRAZIL. Rio de Janeiro: “ad Paulistam inter Cabo Frio et Lagoa Feia flumenque Parahibam, locis paludosis, cum Wickströmia fruticosa Schrad. denso stipatoque agmine crescit”, September 1815, *Wied s.n.* (30.30) [GOET 000763, *holotype*: *isotypes*: LE – 3 sheets; possible *isotype*: K 000697478 ex M (attributed to Martius by A.L. Weitzman)].

1044. *Wikstroemia fruticosa* Schrad., *Gött. Gel. Anz.* 1821(2): 710–711 (1821); Wied-Neuwied (1820: 104; 1821: 338).

≡ *Laplacea fruticosa* (Schrad.) Kobuski, *J. Arnold Arbor.* 28(4): 437 (1947).

≡ *Gordonia fruticosa* (Schrad.) H.Keng, *Gard. Bull. Singapore* 33(2): 310 (1980).≡ *Lindleya semiserrata* Nees, *Flora* 4(1): 299, 328 (1821).

≡ *Haemocharis semiserrata* (Nees) Mart. & Zucc., *Nov. Gen. Sp. Pl.* 1: 107, t. 66 (1826).

≡ *Laplacea semiserrata* (Nees) Cambess., *Fl. Bras. Merid. (quarto ed.)* 1: 300 (1825) [1827]; Wawra in *Fl. Bras.* 12(1): 289 (1886).

≡ *Gordonia semiserrata* (Nees) Spreng., *Syst. Veg. (ed. 16)* 4(2): 260, 408 (1827).

TYPE: BRAZIL. Rio de Janeiro: "im Sande zu Coral de Battuba und Paulista" [Cural de Ubatuba and Lagoa do Paulista], September 1815, *Wied s.n.* (1, 2) (Schrader nr. 15; Nees von Esenbeck nr. 15; Nees von Esenbeck nr. 29.29) [BR0000006588663 (annotated by Nees with "Lindleya semiserrata n g et sp"), *lectotype*; *isolectotypes*: BR0000006975562, BR0000006588991, BR0000005581344, GOET 000336, LE].



Figure 12 – *Solanum* sp. ["*S. malifolium* Nees"] (LE).

TURNERACEAE

1047. *Piriqueta racemosa* (Jacq.) Sweet, *Hort. Brit.* 1: 154 (1826); Urban in *Fl. Bras.* 13(3): 107 (1883).
Specimens: BRAZIL. Bahia: “Rio Belmonte in arenam” [Rio Jequitinhonha], 1816, *Wied s.n.* (Klaenze nr. 123) [BR0000005575183, MEL 2358139, MEL]; BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [LE ex Herb. Mertens].
= *Turnera hispidissima* Mart. ex Colla, *Herb. Pedem.* 2: 454 (1834).
TYPE: BRAZIL. Espírito Santo: “in silvaticis prope Rio Doce”, s.d., *Anonymous* [Wied] *s.n.* [BM 001008444, *lectotype*; *isolectotypes*: E 00327227, K 000373261].
Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 206 (2013).

1049. [= *Turnera hermannioides* Cambess., *Fl. Bras. Merid. (quarto ed.)* 2: 218 (1830)].
Turnera martii Colla, *Herb. Pedem.* 2: 454 (1834).
TYPE: BRAZIL. Bahia: Mucuri, March 1816, *Wied s.n.* (Klaenze nr. 127) [TO, *lectotype*; *isolectotypes*: BR0000005570133, MEL 2358137]. Specimens: BRAZIL. Bahia: “R.[io] B.[elmonte]” [Rio Jequitinhonha], 1816, *Wied s.n.* [BR0000005570461, LE ex Herb. Mertens].
Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 206–208 (2013).

1051. *Turnera serrata* Vell., *Fl. Flumin.* 128 (1829), *Fl. Flumin. Icon.* 3: t. 108 (1831); Urban in *Fl. Bras.* 13(3): 116 (1883).
Specimens: BRAZIL. Rio de Janeiro: “ad Cabo Frio”, 1815, *Wied s.n.* (Klaenze nr. 24) [BR0000005849765, BR0000005850099, LE 00003766, M 0113140]; BRAZIL. Rio de Janeiro: “bei Tapebussu” [Fazenda de Tapebuçu, Casimiro de Abreu], September 1815, *Wied s.n.* [BR0000005575060]; BRAZIL. Rio de Janeiro: “Moribeca” [Fazenda de Muribeca], November 1815, *Wied s.n.* [BR0000005849406].
Note: Specimen at LE was doubtfully annotated by N. Imkhanitskaya as a syntype of *Ionidium maximilianii* Eichler.

1052. [= *Turnera ulmifolia* L. var. *cuneiformis* (Juss. ex Poir.) Urb., *Jahrb. Königl. Bot. Gart. Berlin* 2: 138 (1883); *idem* in *Fl. Bras.* 13(3): 158, t. 48, fig. 6 (1883)].
[= *Turnera cuneiformis* Juss. ex Poir., *Encycl.* 8: 142 (1808) *fide* Nees & Martius in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 12: 50 (1824)].
Turnera tortuosa Colla, *Herb. Pedem.* 2: 455 (1834).
TYPE: BRAZIL. Rio de Janeiro: “ad Coral de Battuba” [Curral de Ubatuba], September 1815, *Wied s.n.* [TO, *lectotype*; *isolectotypes*: BR0000005574735, MEL 2358138].
Specimen: BRAZIL. Bahia: “circa Barra da Varedas” [Inhobim], 1817, *Wied s.n.* [unloc.].
Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(2): 206 (2013).

URTICACEAE

1055. *Boehmeria radicans* Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 35 (1823).
≡ *Pilea rhizobola* Miq., *Fl. Bras.* 4(1): 202, t. 70 (1853).
TYPE: BRAZIL. Bahia: “circa viam Felisbertiam”, December 1816, *Wied s.n.* (81) [BR0000006588700, *lectotype*; *isolectotypes*: BM 000593502, BR0000006589035, K 000442055].
Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 152 (2014).

1056. *Boehmeria repens* Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 36 (1823).
≡ *Pilea hirtella* Miq., *Fl. Bras.* 4(1): 202 (1853).
TYPE: BRAZIL. Bahia: “ad viam Felisbertiam”, s.d., *Wied s.n.* (90) [BR0000006587727, *holotype*; *isotypes*: K 000973365, MEL 2331212].

VERBENACEAE

❖ *Aloysia virgata* (Ruiz & Pav.) Pers., *Syn. Pl.* 2(1): 139 (1806).
Specimen: BRAZIL. Rio de Janeiro: “bei Cabo Frio”, 1815, *Wied s.n.* [BR0000013494001].

1063. [*Avicennia tomentosa* Jacq., *Enum. Syst. Pl.* 25 (1760) *fide* Schrader, *Gött. Gel. Anz.* 1821(2): 711 (1821); Nees, *Flora* 4: 328 (1821)].
Avicennia germinans (L.) Stearn, *Kew Bull.* 1958: 34 (1958).
Specimens: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* (Schrader nr. 17) [BR0000009088306, GOET, LE – 2 sheets].

1065. *Casselia serrata* Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 75, t. 6, fig. A (1823); Schauer in *Fl. Bras.* 9: 174 (1851).
 ≡ *Timotocia serrata* (Nees & Mart.) Moldenke, *Repert. Spec. Nov. Regni Veg.* 39: 137 (1936).
 TYPE: BRAZIL. Bahia: “circa viam Felisberti, Centurionis”, December 1816, *Wied s.n.* (Klaenze nr. 82; Nees von Esenbeck nr. X) [LE – 2 sheets, *holotype*; *isotypes*: BR0000006588410, LD].
1066. [= *Lantana brasiliensis* Link, *Enum. Hort. Berol. Alt.* 2: 126 (1822); Schauer in *Fl. Bras.* 9: 253, t. 43 (1851)].
 [= *Camara brasiliensis* (Link) Kuntze, *Revis. Gen. Pl.* 2: 504 (1891)].
 [= *Lippia brasiliensis* (Link) T.R.S.Silva, *Darwiniana* 40(1–4): 58 (2002)].
Lantana longifolia Mart. ex Colla, *Herb. Pedem.* 4: 497 (1835).
 TYPE: BRAZIL. Bahia: “ad viam novam Felisberti prope S. Petrum d’Alcantara”, s.d., *Wied s.n.* (82) [TO, *lectotype*; *isolectotypes*: BM 000992645, BR0000006587703, BR0000006588038, G, K 000470760].
 Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 19(1): 139 (2014).
1071. *Lippia macrophylla* Cham., *Linnaea* 7: 213 (1832).
 ≡ *Lantana macrophylla* (Cham.) Schauer in DC., *Prodr.* 11: 595 (1847); idem in *Fl. Bras.* 9: 253 (1851).
 ≡ *Camara macrophylla* (Cham.) Kuntze, *Revis. Gen. Pl.* 2: 504 (1891).
 Specimens: BRAZIL. Bahia: “in sylvis Catingas”, March 1817, *Wied s.n.* (74) [BR0000006588366, NY 01788570 (fragment)].
1073. *Petrea racemosa* Nees, *Flora* 4(1): 300 (1821).
 [= *Petrea volubilis* L., *Sp. Pl.* 2: 626 (1753)].
 TYPE: BRAZIL. Bahia: “fl. Rio Grande de Belmonte” [Rio Jequitinhonha], 1816, *Wied s.n.* (Nees von Esenbeck nr. 43.43) [BR0000006586669, *lectotype* designated by Rueda, *Novon* 3: 181 (1993); *isolectotypes*: G 00021057, GOET 000759, GOET 000760, LD, LE].
 Specimen: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [Herbarium Wied nr. 35 (envelope nr. 25)].
1077. *Stachytarpheta crassifolia* Schrad., *Gött. Gel. Anz.* 1821(2): 709 (1821); Wied-Neuwied (1820: 106; 1821: 338); Nees, *Flora* 4: 328 (1821); Schauer in DC., *Prodr.* 11: 566 (1847); idem in *Fl. Bras.* 9: 206 (1851).
 TYPE: BRAZIL. Rio de Janeiro: “prope praedium Paulista” [Lagoa do Paulista], September 1815, *Wied s.n.* (Schrader nr. 12) [BR0000006588731, *lectotype*; *isolectotype*: LE].
1078. *Stachytarpheta elatior* Schrad. in Schult., *Mant.* 1: 172 (1822); Schauer in DC., *Prodr.* 11: 563 (1847); idem in *Fl. Bras.* 9: 203 (1851).
 ≡ *Stachytarpheta angustifolia* (Mill.) Vahl f. *elatior* (Schrad.) López-Pal., *Revista Fac. Farm. Univ. Andes* 15: 79 (1974).
 [= *Stachytarpheta angustifolia* (Mill.) Vahl, *Enum. Pl.* 1: 205 (1804)].
 TYPE: BRAZIL. Espírito Santo: “juxta flumen Rio Doce”, April 1816 [sic] [December 1815], *Wied s.n.* [LE, *holotype*; *isotypes*: BR0000006588137, BR0000006587819, BR0000006588465].
1079. *Stachytarpheta hispida* Nees & Mart. in Schult., *Mant.* 1: 248d (1822); Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 69 (1823); Schauer in *Fl. Bras.* 9: 214 (1851).
 TYPE: BRAZIL. Bahia: “circa Barra da Vareda in Campis”, February 1817, *Wied s.n.* (LX; Menke nr. 69; Klenze nr. 69; Nees von Esenbeck nr. LX) [BR0000006588809, *holotype*; *isotypes*: LE, NY 00138080].
1082. *Stachytarpheta quadrangula* Nees & Mart. in Schult., *Mant.* 1: 248d (1822); Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 69 (1823); Schauer in DC., *Prodr.* 11: 567 (1847); idem in *Fl. Bras.* 9: 207 (1851).
 TYPE: BRAZIL. Bahia: “ad Tamburil et Valos in Campis” [Fazenda de Tamburil and Quartel Geral do Valo], February 1817, *Wied s.n.* (Nees von Esenbeck nr. LXXIV) [BR0000008027009, BR0000008026347, FR, LD 1640176, LD 1614506, NY 00138099, PH 00027598, *isotypes*].
1085. *Stachytarpheta trispicata* Nees & Mart. in Schult., *Mant.* 1: 248d (1822); Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 11: 70 (1823); Schauer in DC., *Prodr.* 11: 568 (1847); idem in *Fl. Bras.* 9: 211 (1851).
 TYPE: BRAZIL. Bahia: “prope Tamburil et Valos”, February 1817, *Wied s.n.* (LXXVII; Nees von Esenbeck nr. LXXVII) [BR0000008024954, BR0000008025944, BR0000008025289, BR0000008024534, LD 1647190, NY 00138117, PH 00027599].

VIOLACEAE

1089. *Glossarrhen pauciflorus* Mart., *Nov. Gen. Sp. Pl.* 1: 23 (1823); Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 12: 46, t. 8 (1824); Eichler in *Fl. Bras.* 13(1): 356 (1871) (under *Schweiggeria floribunda* A.St.-Hil.).

[= *Schweiggeria fruticosa* Spreng., *Neue Entd.* 2: 167 (1821)].

TYPE: BRAZIL. Bahia: “circa viam Felisbertiam”, s.d., *Wied s.n.* (Menke nr. 72) [BR0000005574766, *lectotype*; *isoelectotypes*: BM 001053811 (left-hand specimen, with label of *Glossarrhen parviflorus* Mart.), K 000370050, TO]. – Specimens: BRAZIL. Rio de Janeiro: Cabo Frio, September 1815, *Wied s.n.* [BR0000005576036, BR0000005574711].

= *Glossarrhen parviflorus* Mart. ex Ging. in DC., *Prodr.* 1: 291 (1824); Colla in *Herb. Pedem.* 1: 258 (1833).

TYPE: BRAZIL. Rio de Janeiro: Loco haud indicato, September 1815, *Wied s.n.* (339) [G-DC 00208912, *holotype*; *isotypes*: BM 001053812 (right-hand specimen, with label of *Glossarrhen pauciflorus* Nees & Mart.), BR0000006593087, JE 00004636, K 000370049, TO].

Note: Further information in Moraes *et al.*, *Harvard Pap. Bot.* 18(1): 33–34 (2013).

1091. [= *Ionidium commune* A.St.-Hil., *Ann. Sci. Nat. Paris* 2: 252 (1824); Eichler in *Fl. Bras.* 13(1): 369, t. 73 (1871)].

[= *Hybanthus communis* (A.St.-Hil.) Taub., *Nat. Pflanzenfam.* 6(119): 333 (1895) ≡ *Pombalia communis* (A.St.-Hil.) Paula-Souza, *Phytotaxa* 183(1): 8 (2014)].

Specimens: BRAZIL. Bahia: “ad Rio Belmonte” [Rio Jequitinhonha], August 1816, *Wied s.n.* (Klenze nr. 11) [BR0000005574278, MEL 2341136]; BRAZIL. Rio de Janeiro: “Campos”, s.d., *Wied s.n.* [BR0000013066949]; BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [LE – 2 specimens on the same sheet, ex Herb. Mertens].

= *Ionidium racemosum* Nees & Mart. in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 12: 49 (1824).

≡ *Hybanthus racemosus* (Eichler) Hassl., *Bull. Soc. Bot. Genève, Ser. 2*, 1: 214 (1909).

TYPE: BRAZIL. Bahia: “circa viam Felisbertiam”, December 1816, *Wied s.n.* (LV) [LE, *holotype*; *isotype*: BR0000006593100].

= *Ionidium maximilianii* Eichler, *Fl. Bras.* 13(1): 369 (1871).

≡ *Calceolaria maximilianii* (Eichler) Kuntze, *Revis. Gen. Pl.* 1: 41 (1891).

≡ *Hybanthus maximilianii* (Eichler) Hassl., *Bull. Soc. Bot. Genève, Ser. 2*, 1: 213 (1909).

Note: *Ionidium racemosum* and *Ionidium maximilianii* were treated as different species in the *Catalogue*, but after finding out that the holotype of the former belongs to the same taxon of the latter, both are now recognized as synonymies of *Pombalia communis*. Detailed information about the typification of these names is supplied by Paula-Souza & Moraes, *Pl. Ecol. Evol.* 148(1): 139–143 (2015).

1092. *Ionidium heterosepalum* Eichler, *Fl. Bras.* 13(1): 367 (1871).

≡ *Hybanthus heterosepalus* (Eichler) Hassl., *Bull. Soc. Bot. Genève, Ser. 2*, 1: 213 (1909).

TYPE: BRAZIL. Bahia: “in via Felisbertia distr. Ilheos”, January 1817, *Wied s.n.* (93) [BR0000006592165, *holotype*; *isotypes*: LE, MEL 2341139].

1093. [*Ionidium ipecacuanha* (L.) Vent., *Jard. Malmaison* 1: sub t. 27 (1803) *fide* Nees & Martius in Wied-Neuwied, *Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur.* 12: 48 (1824); Eichler in *Fl. Bras.* 13(1): 363 (1871)].

[= *Hybanthus calceolaria* (L.) Oken, *Allg. Naturgesch.* 3(2): 1376 (1841)].

Calceolaria aurea Mart. ex Colla, *Herb. Pedem.* 4: 331 (1835).

TYPE: BRAZIL. Bahia: “a Rio Mucuri, in arenosis”, *Wied s.n.* (97) [TO, *lectotype*; *isoelectotypes*: LE, MEL 2341138].

Specimens: BRAZIL. Loco haud indicato: “in umbrosis”, 1816, *Wied s.n.* [BR0000005573226, BR0000005573554, MEL 2341141, MEL 2341142].

XYRIDACEAE

1099. [*Xyris strobilifera* Kunth, *Enum. Pl.* 4: 4 (1843); Seubert in *Fl. Bras.* 3(1): 213, t. 22, fig. 2 (1855)].

Xyris restiacea Mart., *Flora* 24(2, Beibl.): 57 (1841).

[= *Xyris ciliata* Thunb., *Pl. Bras.* 3: 27 (1821)].

TYPE: BRAZIL. Bahia: “prope Porto Seguro”, 1816, *Martii Herb. Florae Brasil. nr. 547 (10)* = *Wied s.n.* [BR0000005188406, LE ex Herb. Mertens, MEL 2353837, MEL 2353838, *type* of *X. restiacea*].

PTERIDOPHYTA

ASPLENIACEAE

1121. *Asplenium longifolium* Schrad., *Gött. Gel. Anz.* 1824(2): 870 (1824).

[= *Asplenium serratum* L., *Sp. Pl.* 2: 1079 (1753)].

TYPE: BRAZIL. Rio de Janeiro: Loco haud indicato, August – September 1815, *Wied s.n.* (13) [GOET 000770, LE, *syntypes*]; BRAZIL. Espírito Santo: Rio Doce, April 1816 [sic] [December 1815], *Wied s.n.* (34) [BR0000005793501, GOET 000770, LE, *syntypes*]. Specimens: BRAZIL. Bahia: “in sylv. Pr. Bahiensis passim”, s.d., *Wied s.n.* [BR0000005792856, BR0000005793839].

BLECHNACEAE

1129. *Blechnum brasiliense* Desv., *Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk.* 5: 330 (1811); Baker in *Fl. Bras.* 1(2): 422, t. 26, fig. 5–7 (1870).

Specimens: BRAZIL. Espírito Santo: “ad Rio Doce”, April 1816 [sic], *Wied s.n.* (nr. 23 Fil.) [BR0000005748440, LE]; Bahia: Loco haud indicato, s.d., *Wied s.n.* (XVIII) [BR0000005747740, LE]; Loco haud indicato, s.d., *Wied s.n.* [BR0000005748501, MEL 50867].

1130. *Blechnum lanceola* Sw., *Kongl. Vetensk. Acad. Handl.* 1817(1): 71, t. 3, fig. 2 (1817); Baker in *Fl. Bras.* 1(2): 420, t. 25, fig. 14, 15 (1870).

Specimens: BRAZIL. Bahia: “in sylv. ad Felisbertiam viam”, s.d., *Wied s.n.* [BR0000005746842, LE].

1131. *Blechnum occidentale* L., *Sp. Pl.* 2: 1077 (1753); Baker in *Fl. Bras.* 1(2): 425, t. 26, fig. 10 (1870).

Specimens: BRAZIL. Bahia: “ad fluv. Belmonte et in via Felisbertia ad terram”, s.d., *Wied s.n.* (IX) [BR0000005746514, LE, MEL 50916]; BRAZIL. Loco haud indicato, s.d., *Wied s.n.* (B) [LE].

DENNSTAEDTIACEAE

1139. *Pteridium arachnoideum* (Kaulf.) Maxon subsp. *arachnoideum*, Schwartsburd *et al.*, *Phytotaxa* 170(2): 109–110 (2014).

Specimens: BRAZIL. Bahia: Loco haud indicato [near Poçoões], March 1817, *Wied s.n.* [BR0000005418671, K, MEL 2353758].

1140. *Pteris campestris* Schrad., *Gött. Gel. Anz.* 1824(2): 871 (1824) ≡ *Pteridium arachnoideum* (Kaulf.) Maxon subsp. *campestre* (Schrad.) Schwartsb. & P.L.R.Moraes, *Phytotaxa* 170(2): 111 (2014).

[cited by Baker in *Fl. Bras.* 1(2): 403 (1870) as *Pteris aquilina* L. var. *arachnoidea* (Kaulf.) D.C.Eaton, *Mem. Amer. Acad. Arts* 8: 203 (1861)].

TYPE: BRAZIL. Bahia: Loco haud indicato [near Ilhéus], 1817, *Wied s.n.* (V) [LE 00008603, ex Herb. Schrader, *lectotype* designated by Schwartsburd *et al.* (2014); *isolectotypes*: BR0000005419005, BR0000005418022].

Note: Further information in Schwartsburd *et al.*, *Phytotaxa* 170(2): 103–117 (2014).

DRYOPTERIDACEAE

1141. *Aspidium abbreviatum* Schrad., *Gött. Gel. Anz.* 1824(2): 869 (1824), *nom. illegit., non Aspidium abbreviatum* Poir., *Encycl., Suppl.*, 4: 516 (1816); Baker in *Fl. Bras.* 1(2): 464, t. 29, fig. 5–6, t. 46, fig. 1, t. 62 (1870).

≡ *Polystichum abbreviatum* (Schrad.) J.Sm., *London J. Bot.* 1: 199 (1842).

≡ *Polystichum abbreviatum* (Schrad.) C.Presl, *Abh. Königl. Böhm. Ges. Wiss., Ser. 5*, 6: 418 (1851).

[= *Cyclodium heterodon* (Schrad.) T.Moore var. *abbreviatum* (C.Presl) A.R.Sm., *Amer. Fern J.* 76(2): 80, fig. 11 D, F (1986)].

TYPE: BRAZIL. Bahia: “ad ripas fluv. Mucuri”, 1816, *Wied s.n.* [BR0000006870799, *lectotype* of *Aspidium abbreviatum*, designated by Alan R. Smith in *Amer. Fern J.* 76(2): 81 (1986); *isolectotypes*: BR0000006977030, BR0000006978686]; BRAZIL. Bahia: “Minas Strasse”, s.d., *Wied s.n.* [BR0000006870676]; BRAZIL. Espírito Santo: “in sylv. ad Villa Nova d’Almeida” [Nova Almeida], December 1815, *Wied s.n.* [BR0000006870737, BR0000006870829]. Probable *Wied* material: K 000945919.

GLEICHENIACEAE

1149. *Mertensia flexuosa* Schrad., *Gött. Gel. Anz.* 1824(2): 863 (1824); Martius in *Icon. Pl. Crypt.* 108, t. 60, fig. 1 (1834); Sturm in *Fl. Bras.* 1(2): 230 (1859).

≡ *Dicranopteris flexuosa* (Schrad.) Underw., *Bull. Torrey Bot. Club* 34(5): 254 (1907).

TYPE: BRAZIL. Espírito Santo: “in sylv. Prov. Spir. Sancti”, s.d., *Wied s.n.* [BR0000006870515, *holotype*; *isotypes*: LE, MEL 2353888]; BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [BR0000006869731, BR0000006869762, BR0000006869793, BR0000006869823, MEL 2353887].

1150. *Mertensia pectinata* Willd., *Kongl. Vetensk. Acad. Nya Handl.* 25: 168, t. 4 (1804); Martius in *Icon. Pl. Crypt.* 110 (1834); Sturm in *Fl. Bras.* 1(2): 229 (1859).

≡ *Dicranopteris pectinata* (Willd.) Underw., *Bull. Torrey Bot. Club* 34(5): 260 (1907).

≡ *Gleichenella pectinata* (Willd.) Ching, *Sunyatsenia* 5(4): 276 (1940).

Specimens: BRAZIL. Espírito Santo: Loco haud indicato, “in sylvis”, s.d., *Wied s.n.* (nr. 33 Fil.; Schrader nr. 47) [BR0000013067656, LE – 2 sheets]; BRAZIL. Bahia: “in sylvis montanis”, s.d., *Wied s.n.* [BR0000005849690].

1151. *Mertensia pubescens* Schrad., *Gött. Gel. Anz.* 1824(2): 863 (1824), *nom. illegit.*; Martius in *Icon. Pl. Crypt.* 109 (1834) *sub synonym.* *Mertensia furcata* Willd., *Sp. Pl. (ed. 4)* 5: 71 (1810).

[cited by Sturm in *Fl. Bras.* 1(2): 224 (1859) as *Mertensia pubescens* Humb. & Bonpl. ex Willd., *Sp. Pl. (ed. 4)* 5: 73 (1810)].

[= *Sticherus bifidus* (Willd.) Ching, *Sunyatsenia* 5(4): 282 (1940)].

TYPE: BRAZIL. Bahia: Loco haud indicato, s.d., *Wied s.n.* [LE, *holotype*; MEL 2353889, probable *isotype*].

HYMENOPHYLLACEAE

1153. *Trichomanes sellowianum* C.Presl, *Hymenophyllaceae* 15, 37 (1843); Sturm in *Fl. Bras.* 1(2): 253 (1859).

[= *Trichomanes cristatum* Kaulf., *Enum. Filic.* 265 (1824)].

Specimens: BRAZIL. Bahia: Ilhéus, “Minas Strasse”, December 1816, *Wied s.n.* (IV) [BR0000005857722, LE].

LOMARIOPSIDACEAE

❖ *Elaphoglossum nigrescens* (Hook.) T.Moore ex Diels, *Nat. Pflanzenfam.* 1(4): 332 (1899).

Specimen: BRAZIL. Bahia: Ilhéus, “Minas Strasse”, December 1816, *Wied s.n.* [BR0000013067663].

❖ *Elaphoglossum simplex* (Sw.) Schott ex J.Sm., *J. Bot. (Hooker)* 4: 148 (1841).

Specimen: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [LE].

1155. *Lomaria marginata* Schrad., *Gött. Gel. Anz.* 1824(2): 871 (1824).

≡ *Lomariopsis marginata* (Schrad.) Kuhn in Decken, *Reisen Ost-Afr. Bot.* 3(3): 22 (1879).

≡ *Stenochlaena marginata* (Schrad.) C.Chr., *Index Filic.* 624 (1905).

TYPE: BRAZIL. Bahia: “via Felisbertia”, s.d., *Wied s.n.* [B 20 0096317, BR0000006591632, *isotypes*]; BRAZIL.

Bahia: Loco haud indicato, s.d., *Wied s.n.* [BR0000005849291].

OSMUNDACEAE

1162. *Osmunda palustris* Schrad., *Gött. Gel. Anz.* 1824(2): 866 (1824); Sturm in *Fl. Bras.* 1(2): 165 (1859).

≡ *Osmunda regalis* L. subsp. *palustris* (Schrad.) Á.Löve & D.Löve, *Taxon* 26(2–3): 324 (1977).

[= *Osmunda regalis* L., *Sp. Pl.* 2: 1065 (1753)].

TYPE: BRAZIL. Bahia: “in paludibus ad fluviam Mucuri”, May 1816, *Wied s.n.* (Nr. 36) [BR0000005849567 (annotated by Schrader), *lectotype*; *isolectotypes*: BR0000005838035, MEL 2353750].

Specimens: PATRIA HAUD INDICATA. Ex H. Gott. 1832 [LE 00008922, ex Herb. Schrader]; idem, H. G. [LE 00008923, ex Herb. Ledebour].

Note: Arana & Ponce (2015: 30) overlooked the lectotypification of *O. palustris* made by Moraes *et al.* (2013).

POLYPODIACEAE

❖ *Microgramma lindbergii* (Mett. ex Kuhn) de la Sota, *Opera Lilloana* 5: 56, f.2, 5 (1961).

Specimen: BRAZIL. Rio de Janeiro, Campos, September 1815, *Wied s.n.* (nr. 12 Fil.) [LE].

❖ *Pecluma pilosa* (A.M.Evans) M.Kessler & A.R.Sm., *Candollea* 60(1): 281 (2005).

Specimen: BRAZIL. Bahia: Ilhéus, s.d., *Wied s.n.* [BR0000013066956].

❖ *Pleopeltis hirsutissima* (Raddi) de la Sota, *Darwiniana* 45(2): 239 (2007).

Specimen: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [LE].

1164. *Polypodium crassifolium* L., *Sp. Pl.* 2: 1083 (1753); Baker in *Fl. Bras.* 1(2): 537, t. 48, fig. 2a (1870).
 ≡ *Niphidium crassifolium* (L.) Lellinger, *Amer. Fern J.* 62: 106 (1972).
 Specimens: BRAZIL. Bahia: “Villa Viçosa” [Nova Viçosa], April 1816, *Wied s.n.* [BR0000005748723, MEL 2353817]; BRAZIL. Bahia: Loco haud indicato, March 1817, *Wied s.n.* [BR0000005849239]; BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [LE].
1169. *Polypodium incanum* Sw., *Prodr.* 131 (1788), “*incannum*”, *nom. illegit. superfl.*; Baker in *Fl. Bras.* 1(2): 526 (1870).
 [= *Pleopeltis polypodioides* (L.) E.G.Andrews & Windham, *Contr. Univ. Michigan Herb.* 19: 46 (1993)].
 Specimens: BRAZIL. Rio de Janeiro: “Fazenda de Baretto” [Fazenda Barreto], September 1815, *Wied s.n.* (nr. 15 Fil.) [BR0000005747627, LE]; idem, Bahia: Loco haud indicato, “in arboribus sylvarum muscosis”, March 1817, *Wied s.n.* [BR0000005747627, MEL 2353893].
1173. *Polypodium menisciifolium* Langsd. & Fisch., *Pl. Voy. Russes Monde* 11, t. 12 (1810).
 ≡ *Serpocaulon meniscifolium* (Langsd. & Fisch.) A.R.Sm., *Taxon* 55: 928 (2006).
 Specimens: BRAZIL. Bahia: Loco haud indicato, s.d., *Wied s.n.* [BR0000005747597]; idem, “Barra da Vareda” [Inhobim], “in cocos”, January 1817, *Wied s.n.* [BR0000005747269]; Loco haud indicato, s.d., *Wied s.n.* [LE].
1174. *Polypodium percussum* Cav., *Descr. Pl.* 243 (1802); Baker in *Fl. Bras.* 1(2): 536, t. 35, fig. 12 (1870).
Microgramma percussa (Cav.) de la Sota, *Physis (Buenos Aires)* 44(106C): 28 (1986).
 Specimens: BRAZIL. Bahia: “via Felisbertia”, s.d., *Wied s.n.* [BR0000005747658, LE, MEL 2353820].
1175. *Polypodium persicariifolium* Schrad., *Gött. Gel. Anz.* 1824(2): 867 (1824), “*persicariaefolium*”; Baker in *Fl. Bras.* 1(2): 535, t. 35, fig. 8 – 11, t. 48, fig. 2b (1870).
 ≡ *Microgramma persicariifolia* (Schrad.) C.Presl., *Tent. Pterid.* 214 (1836).
 TYPE: BRAZIL. Espírito Santo: “Capitania”, 1815, *Wied s.n.* [BR0000005901999, *lectotype*; *isolectotypes*: B 200147081 & B 200147082 (fragments), LE (possibly; *Anonymous s.n.*)]. Icon: BR.
1176. *Polypodium phyllitidis* L., *Sp. Pl.* 2: 1083 (1753); Baker in *Fl. Bras.* 1(2): 531, t. 34, fig. 5–6, t. 48, fig. 1 (1870).
 ≡ *Campyloneurum phyllitidis* (L.) C.Presl., *Tent. Pterid.* 190 (1836).
 Specimens: BRAZIL. Bahia: loco haud indicato, March 1817, *Wied s.n.* [BR0000005748785, MEL 2353819]; Loco haud indicato, s.d., *Wied s.n.* (nr. 27 Fil.) [LE].
1178. *Polypodium repens* Aubl., *Hist. Pl. Guiane* 2: 962 (1775).
 ≡ *Campyloneurum repens* (Aubl.) C.Presl., *Tent. Pterid.*: 190 (1836).
 Specimens: BRAZIL. Bahia: loco haud indicato, March 1817, *Wied s.n.* [BR0000005746965]; Bahia, “via Felisbertia”, January 1817, *Wied s.n.* [LE].
1179. *Polypodium tricholepis* Schrad., *Gött. Gel. Anz.* 1824(2): 867 (1824).
 [cited by Baker in *Fl. Bras.* 1(2): 527 (1870) as *Polypodium lepdopteris* (Langsd. & Fisch.) Kunze, *Linnaea* 13: 132 (1836) ≡ *Pleopeltis lepdopteris* (Langsd. & Fisch.) de la Sota, *Darwiniana* 45(2): 239 (2007)].
 TYPE: BRAZIL. Espírito Santo: “Villa Nova de Almeida” [Nova Almeida], March 1816 [sic] [December 1815], *Wied s.n.* (nr. 29 Fil.) [BR0000006978082, left-hand specimen, LE, *syntypes*]; BRAZIL. Bahia: “via Felisbertia”, s.d., *Wied s.n.* [BR0000006978082, right-hand specimen, *syntype*]; BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [MEL 2353816, *syntype*].
 Note: The sheet at BR bears three specimens mounted together. The branch in the center is not a gathering by Wied. The label of Herbarium Martii indicates “*P. sepultum* Klf.”.
1180. *Polypodium vacciniifolium* Langsd. & Fisch., *Pl. Voy. Russes Monde* 8, t. 7 (1810); Baker in *Fl. Bras.* 1(2): 519, t. 33, fig. 11–12, t. 47, fig. 5a (1870).
 ≡ *Microgramma vacciniifolia* (Langsd. & Fisch.) Copel., *Gen. Fil. (Copeland)* 185 (1947).
 Specimens: BRAZIL. Bahia: “in arboribus Bras. passim ad Caravelas et Belmonte”, 1816, *Wied s.n.* [BR0000005849260]; BRAZIL. Rio de Janeiro: Loco haud indicato, September 1815, *Wied s.n.* (nr. 11 Fil.) [BR000000584930 (specimen on the right), LE].

PTERIDACEAE

1181. *Acrostichum danaeifolium* Langsd. & Fisch., *Pl. Voy. Russes Monde* 1: 5, pl. 1 (1810).
 Specimens: BRAZIL. Espírito Santo: “Pedra d’Agoa” [Pedra d’Água], March 1816 [December 1815], *Wied s.n.* (nr. 4 Fil.) [BR0000005799060, LE, MEL 2353757].

1190. *Adiantum macrophyllum* Sw., *Prodr.* 135 (1788); Baker in *Fl. Bras.* 1(2): 378, t. 22, fig. 22, 23, 27, t. 42, fig. 2a (1870).

Specimens: BRAZIL. Bahia: Ilhéus, “in sylvis ad viam Felisbertiam”, January 1817, *Wied s.n.* [B 005494, BR0000005793860, LE, MEL 2353885].

❖ *Doryopteris pedata* (L.) Fée, *Mém. Foug.* 5: 133 (1852).

Specimen: BRAZIL. Rio de Janeiro: loco haud indicato, September – October 1815, *Wied s.n.* (nr. 19 Fil.) [LE].

1206. *Pteris salicifolia* Schrad., *Gött. Gel. Anz.* 1824(2): 871 (1824).

[= *Pteris brasiliensis* Raddi., *Opusc. Sci. Bol.* 3: 293 (1819)].

[*Pteris denticulata* Sw., *Prodr.* 129 (1788) *fide* Baker in *Fl. Bras.* 1(2): 410, t. 24, fig. 9 (1870)].

TYPE: BRAZIL. Bahia: Ilhéus, s.d., *Wied s.n.* (Schrader nr. 17) [BR0000006600693, *lectotype*].

Specimen: BRAZIL. Bahia: loco haud indicato, s.d., *Wied s.n.* [BR0000013052973].

SALVINIACEAE

1207. *Azolla magellanica* Willd., *Sp. Pl. (ed. 4)* 5: 541 (1810); Schrader in *Gött. Gel. Anz.* 1821(2): 715 (1821); Nees, *Flora* 4: 328 (1821).

[*sub Azolla caroliniana* Willd., *Sp. Pl. (ed. 4)* 5: 541 (1810) in Kuhn in *Fl. Bras.* 1(2): 659, t. 82, fig. 1–6 (1884)].

[= *Azolla cristata* Kaulf., *Enum. Filic.*: 274 (1824)].

Specimens: BRAZIL. Bahia: “ad flumen Ilheos”, December 1816, *Wied s.n.* (Schrader nr. 32) [BR0000005746903, LE, MEL 2353759, possibly].

WOODSIACEAE

❖ [*Asplenium cultrifolium* L., *Sp. Pl.* 2: 1081 (1753)].

[= *Diplazium cultrifolium* (L.) Fée, *Mém. Foug.* 11: 42 (1866)].

Specimen: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [LE].

Note: Annotated by Schrader and by Christensen.

1221. *Asplenium radicans* Schkuhr var. *ambiguum* (Raddi) Baker, *Fl. Bras.* 1(2): 455 (1870).

≡ *Diplazium ambiguum* Raddi, *Pl. Bras. Nov. Gen.* 41, t. 58 (1825)].

Specimens: BRAZIL. Bahia: “prope Ilheos, in via Felisbertia”, January 1817, *Wied s.n.* [BR0000005747412, BR0000005748426, BR0000005748181, LE].

Note: Specimen at LE was annotated by Schrader and by Christensen as “*Diplazium expansum* Willd.”.

MARCHANTIOPHYTA

LEJEUNEACEAE

❖ *Jungermannia diffusa* Sw., *Prodr.* 144 (1788).

Bryopteris diffusa (Sw.) Nees, *Syn. Hepat.* 2: 286 (1845).

Specimen: BRAZIL. Loco haud indicato, s.d., *Wied s.n.* [PH 00049672, ex Herb. K.T. Menke].

1262. *Jungermannia geminiflora* Nees, *Fl. Bras. Enum. Pl.* 1(1): 354 (1833).

[= *Omphalanthus filiformis* (Sw.) Nees in Gottsche, Lindenb. & Nees, *Syn. Hepat.* 2: 304 (1845)].

TYPE: BRAZIL. Bahia: Loco haud indicato: “in *Casselia serrata*”, s.d., *Wied s.n.* [STR – Herb. Nees, *syntype*].

1264. [*Jungermannia tenera* Sw., *Prodr.* 143 (1788) *fide* Nees in *Fl. Bras. Enum. Pl.* 1(1): 356 (1833)].

= *Lejeunea gottscheana* Lindenb., *Syn. Hepat.* 3: 382 (1845).

TYPE: BRAZIL. Bahia: “ad flumen Ilheos (in foliis *Hornschuchiae Bryotrophes*)”, s.d., *Wied s.n.* [unloc., *syntype*].

METZGERIACEAE

1261. [*Jungermannia furcata* L. var. *linearis* (Sw.) Nees, *Fl. Bras. Enum. Pl.* 1(1): 325 (1833)].

Metzgeria furcata (L.) Dumort., *Recueil Observ. Jungerm.* 26 (1835) *fide* Nees in Gottsche, Lindenb. & Nees, *Syn. Hepat.* 4: 502 (1846) vel *Metzgeria myriopoda* Lindb., *Acta Soc. Fauna Fl. Fenn.* 1: 22 (1877) *fide* Lindberg.

Specimen: BRAZIL. Bahia: “in *Hornschuchia Bryotrophe* ad flumen Ilheos”, s.d., *Wied s.n.* [unloc.].

PORELLACEAE

1267. *Jungermannia laevigata* Schrad., *Syst. Samm. Cryptog. Gew.* 2: 6 (1797) *vide* Nees in *Fl. Bras. Enum. Pl.* 1(1): 345 (1833), as var. β .

[= *Madotheca brasiliensis* (Raddi) Gottsche, *Syn. Hepat.* 2: 271 (1845)].

[= *Porella brasiliensis* (Raddi) Schiffn., *Nova Acta Acad. Caes. Leop.-Carol. German. Nat. Cur.* 60: 246 (1893)].

Specimen: BRAZIL. Loco haud indicato: "in Galipeae foliis", s.d., *Wied s.n.* [unloc.].

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