

Malpighiaceae

19 genera and 134 species in Peru.

Endemic species: 26.

Prepared by J. L. Zarucchi; reviewed by C. Anderson (MICH) and W. R. Anderson (MICH).

Banisteria acanthocarpa Adr. Jussieu
= *Banisteriopsis muricata* (Cavanilles)
Cuatrecasas
Ref. FP 13(3/3) 1950: 832; Gates, 1982: 120.

Banisteria acanthocarpa var. *glandulifera*
Niedenau = *Banisteriopsis muricata*
(Cavanilles) Cuatrecasas
Ref. Gates, 1982: 121.

Banisteria antifebrilis Grisebach
= *Callaeum antifebrile* (Grisebach)
D. M. Johnson
Ref. FP 13(3/3) 1950: 790; D. M. Johnson, 1986: 349.
Note: Listed as a synonym of *Mascagnia psilophylla* [= *Callaeum psilophylla*] in the Flora of Peru.

Banisteria argentea (H.B.K.) Sprengel
= *Banisteriopsis muricata* (Cavanilles)
Cuatrecasas
Ref. FP 13(3/3) 1950: 832; Gates, 1982: 120.

Banisteria argentea var. *transiens* Niedenzu
= *Banisteriopsis muricata* (Cavanilles)
Cuatrecasas
Ref. FP 13(3/3) 1950: 833; Gates, 1982: 121.

Banisteria atrosanguinea Adr. Jussieu
= *Banisteriopsis muricata* (Cavanilles)
Cuatrecasas
Ref. FP 13(3/3) 1950: 832; Gates, 1982: 121.

Banisteria atrosanguinea var. *benthamiana*
(Adr. Jussieu) J. F. Macbride
= *Banisteriopsis muricata* (Cavanilles)
Cuatrecasas
Ref. FP 13(3/3) 1950: 832; Gates, 1982: 121.

Banisteria becheiana (Adr. Jussieu)
C. Robinson = *Heteropterys brachiata*
(L.) H.B.K.
Ref. FP 13(3/3) 1950: 815; W. R. Anderson, pers. comm.

Banisteria benthamiana Adr. Jussieu
= *Banisteriopsis muricata* (Cavanilles)
Cuatrecasas
Ref. FP 13(3/3) 1950: 832; Gates, 1982: 121.

Banisteria brachiata L. = *Heteropterys brachiata* (L.) H.B.K.
Ref. Gates, 1982: 204; W. R. Anderson, pers. comm.

Banisteria caapi Spruce ex Grisebach
= *Banisteriopsis caapi* (Spruce ex Grisebach) Morton
Ref. FP 13(3/3) 1950: 824; Gates, 1982: 112.

[*Banisteria caduciflora* Niedenzu
= *Banisteriopsis caduciflora* (Niedenau)
B. Gates]
Ref. FP 13(3/3) 1950: 825; Gates, 1982: 198.
Note: Not known from Peru.

Banisteria cinerascens var. *glabrescens*
Niedenau = *Banisteriopsis wurdackii*
B. Gates
Ref. FP 13(3/3) 1950: 826; Gates, 1982: 52.

Banisteria constricta Grisebach
= *Banisteriopsis pubipetala* (Adr. Jussieu) Cuatrecasas
Ref. FP 13(3/3) 1950: 837; Gates, 1982: 191.

[*Banisteria convolvulifolia* Cavanilles
= *Stigmaphyllon dichotomum* (L.) Grisebach
Ref. FP 13(3/3) 1950: 842; C. Anderson, pers. comm.
Note: Not known from Peru. Incorrectly listed as the basionym of *Stigmaphyllon convolvulifolium* in the Flora of Peru and by Gates (1982: 205) in her treatment of *Banisteriopsis* (C. Anderson, pers. comm.).

[*Banisteria cordata* Vell. Conc.
= *Tetrapterys phlomoides* (Sprengel) Niedenzu]
Ref. FP 13(3/3) 1950: 808.
Note: Not known from Peru.

[*Banisteria cornifolia* (H.B.K.) Sprengel
= *Banisteriopsis cornifolia* (H.B.K.) C. Robinson]
Ref. FP 13(3/3) 1950: 826; Gates, 1982: 41, 54.
Note: Not known from Peru. Specimens cited under this name in the Flora of Peru were redetermined as *Banisteriopsis wurdackii* by Gates (1982).

Banisteria cornifolia var. *seibertii* J. F. Macbride = *Stigmaphyllon mathiasiae*
W. R. Anderson
Ref. FP 13(3/3) 1950: 826; W. R. Anderson, 1981b: 3.

[*Banisteria cristata* Grisebach
= *Banisteriopsis cristata* (Grisebach) Cuatrecasas]
Ref. FP 13(3/3) 1950: 826; Gates, 1982: 171.
Note: Not known from Peru. Specimens cited under this name in the Flora of Peru are treated by Gates (1982: 168) under *Banisteriopsis lutea*.

[*Banisteria dichotoma* L. = *Stigmaphyllon dichotomum* (L.) Grisebach]

Ref. FP 13(3/3) 1950: 842; C. Anderson, pers. comm.
Note: Not known from Peru.

Banisteria elegans Triana & Planchon
= *Banisteriopsis elegans* (Triana & Planchon) Sandwith
Ref. FP 13(3/3) 1950: 831; Gates, 1982: 137.

Banisteria elliptica H.B.K.
= *Stigmaphyllon ellipticum* (H.B.K.) Adr. Jussieu
Ref. FP 13(3/3) 1950: 843; Cuatrecasas, 1958: 530.

[*Banisteria emarginata* Cavanilles
= *Stigmaphyllon emarginatum* (Cavanilles) Adr. Jussieu]
Ref. Gates, 1982: 205.
Note: Not known from Peru.

Banisteria erianthera Adr. Jussieu
= *Banisteriopsis erianthera* (Adr. Jussieu) B. Gates
Ref. Gates, 1982: 197.

Banisteria fagifolia DC. = *Hiraea fagifolia* (DC.) Adr. Jussieu
Ref. FP 13(3/3) 1950: 796; Cuatrecasas, 1958: 405.

[*Banisteria fulgens* L. = *Stigmaphyllon emarginatum* (Cavanilles) Adr. Jussieu]
Ref. FP 13(3/3) 1950: 844; W. R. Anderson, pers. comm.
Note: Not known from Peru. The Flora of Peru uses the incorrect author citation "*B. fulgens* Lamarek."

[*Banisteria heterostyla* Adr. Jussieu
= *Banisteriopsis heterostyla* (Adr. Jussieu) Cuatrecasas]
Ref. FP 13(3/3) 1950: 827; Gates, 1982: 167.
Note: Not known from Peru. The specimen cited in Flora of Peru was redetermined by Gates (1982) as *Banisteriopsis woytkowskii*.

[*Banisteria humboldtiana* DC. = *Stigmaphyllon dichotomum* (L.) Grisebach]
Ref. C. Anderson, pers. comm.
Note: Not known from Peru.

Banisteria inebrians sensu J. F. Macbride
= *Banisteriopsis caapi* (Spruce ex Grisebach) Morton
Ref. FP 13(3/3) 1950: 828; Gates, 1982: 112.
Note: Treated incorrectly in the Flora of Peru. This name (cited in the Flora of Peru as "*Banisteria inebrians* Morton") was never published. See *Banisteriopsis inebrians*.

[*Banisteria laevifolia* Adr. Jussieu
= *Banisteriopsis laevifolia* (Adr. Jussieu) B. Gates]
Ref. FP 13(3/3) 1950: 829; Gates, 1982: 57.

Note: Not known from Peru. The collection cited in the Flora of Peru has been redetermined as *Banisteriopsis nummifera* by Gates (Gates, 1982: 148).

[*Banisteria laevifolia* var. *grata* (Grisebach) Niedenzu = *Banisteriopsis laevifolia* (Adr. Jussieu) B. Gates]
Ref. FP 13(3/3) 1950: 829; Gates, 1982: 57.

Note: Not known from Peru. The specimen cited under this name in the Flora of Peru, *Ule* 6350, was redetermined as *Banisteriopsis nummifera* by Gates (1982: 147).

Banisteria laurifolia L. = *Heteropterys laurifolia* (L.) Adr. Jussieu
Ref. Cuatrecasas, 1958: 478.

Banisteria leiocarpa Adr. Jussieu
= *Banisteriopsis leiocarpa* (Adr. Jussieu) B. Gates
Ref. FP 13(3/3) 1950: 829; Gates, 1982: 172.

Banisteria leiocarpa var. *parvifolia*
Niedenau = *Banisteriopsis parvifolia* (Niedenau) B. Gates
Ref. FP 13(3/3) 1950: 830; Gates, 1982: 174.

[*Banisteria leptocarpa* Benth
= *Banisteriopsis martiniana* var. *martiniana*]
Ref. FP 13(3/3) 1950: 830; Gates, 1982: 130.
Note: Not known from Peru. Specimens cited in the Flora of Peru under this species were redetermined by Gates (Gates, 1982) as *Banisteriopsis polygama* (Klug 3329), and *Banisteriopsis martiniana* var. *subnervia* (the remaining vouchers).

Banisteria longialata Niedenzu
= *Banisteriopsis longialata* (Niedenau) B. Gates
Ref. FP 13(3/3) 1950: 831; Gates, 1982: 195.

Banisteria lucida Richard = *Banisteriopsis lucida* (Richard) Small
Ref. FP 13(3/3) 1950: 832; Gates, 1982: 177.

Banisteria lupuloides L. = *Gouania lupuloides* (L.) Urban (Rhamnaceae)
Ref. FP 1299: 406; Gates, 1982: 206.

Banisteria lutea Grisebach = *Banisteriopsis lutea* (Grisebach) Cuatrecasas
Ref. FP 13(3/3) 1950: 826; Gates, 1982: 168.

[*Banisteria macradena* DC. = *Heteropterys macradena* (DC.) W. R. Anderson]
Ref. W. R. Anderson, 1981a: 202.
Note: Not known from Peru.

[*Banisteria martiniana* Adr. Jussieu
= *Banisteriopsis martiniana* var. *martiniana*]

Ref. Gates, 1982: 130.
Note: Not known from Peru.

[*Banisteria megacarpus* Vell. Conc.
= *Stigmaphyllon megacarpum* (Vell. Conc.) Grisebach]
Ref. FP 13(3/3) 1950: 846.
Note: Not known from Peru.

Banisteria metallicolor Adr. Jussieu
= *Banisteriopsis muricata* (Cavanilles) Cuatrecasas
Ref. FP 13(3/3) 1950: 832; Gates, 1982: 120.

Banisteria metallicolor var. *aurea* Niedenzu
= *Banisteriopsis muricata* (Cavanilles) Cuatrecasas
Ref. FP 13(3/3) 1950: 833; Gates, 1982: 121.

Banisteria muricata Cavanilles
= *Banisteriopsis muricata* (Cavanilles) Cuatrecasas
Ref. FP 13(3/3) 1950: 832; Gates, 1982: 120.

Banisteria muricata var. *atrosanguinea* (Adr. Jussieu) J. F. Macbride
= *Banisteriopsis muricata* (Cavanilles) Cuatrecasas
Ref. FP 13(3/3) 1950: 833; Gates, 1982: 121.

Banisteria nervosa (Adr. Jussieu) R. O. Williams = *Heteropterys nervosa* Adr. Jussieu
Ref. FP 13(3/3) 1950: 818; Gates, 1982: 206.

[*Banisteria nervosa* var. *candolleana* (Adr. Jussieu) Niedenzu ex R. O. Williams = *Heteropterys macradena* (DC.) W. R. Anderson]
Ref. FP 13(3/3) 1950: 818; W. R. Anderson, pers. comm.
Note: Not known from Peru. Listed as a synonym under *Heteropterys nervosa* in the Flora of Peru.

[*Banisteria nervosa* var. *lessertiana* (Adr. Jussieu) Grisebach ex R. O. Williams = *Heteropterys macradena* (DC.) W. R. Anderson]
Ref. FP 13(3/3) 1950: 818; W. R. Anderson, pers. comm.
Note: Not known from Peru. Listed as a synonym of *Heteropterys nervosa* in the Flora of Peru.

[*Banisteria nigrescens* Adr. Jussieu
= *Banisteriopsis nigrescens* (Adr. Jussieu) B. Gates]
Ref. FP 13(3/3) 1950: 834; Gates, 1982: 183.
Note: Not known from Peru. The collection cited in the Flora of Peru, *Tessmann* 4945, was not accounted for by Gates (1982).

Banisteria nitrosiodora Grisebach
= *Banisteriopsis lutea* (Grisebach) Cuatrecasas

Ref. FP 13(3/3) 1950: 827; Gates, 1982: 168.

Banisteria nummifera Adr. Jussieu
= *Banisteriopsis nummifera* (Adr. Jussieu) B. Gates
Ref. Gates, 1982: 147.

Banisteria nutans Niedenzu
= *Banisteriopsis nutans* (Niedenau) B. Gates
Ref. FP 13(3/3) 1950: 834; Gates, 1982: 179.

Banisteria orinocensis H.B.K.
= *Heteropterys orinocensis* (H.B.K.) Adr. Jussieu
Ref. FP 13(3/3) 1950: 818; W. R. Anderson, 1981a: 200.

[*Banisteria oxyclada* Adr. Jussieu
= *Banisteriopsis oxyclada* (Adr. Jussieu) B. Gates]
Ref. FP 13(3/3) 1950: 835; Gates, 1982: 126.
Note: Not known from Peru.

Banisteria padifolia Poeppig ex Niedenzu
= *Banisteriopsis padifolia* (Niedenau) B. Gates
Ref. FP 13(3/3) 1950: 836; Gates, 1982: 136.

Banisteria peruviana Niedenzu
= *Banisteriopsis peruviana* (Niedenau) B. Gates
Ref. FP 13(3/3) 1950: 836; Gates, 1982: 180.

Banisteria platyptera fo. *grandifolia*
Niedenau = *Banisteriopsis erianthera* (Adr. Jussieu) B. Gates
Ref. FP 13(3/3) 1950: 837; Gates, 1982: 197.

[*Banisteria platyptera* Grisebach
= *Banisteriopsis platyptera* (Grisebach) Cuatrecasas]
Ref. FP 13(3/3) 1950: 837; Gates, 1982: 194.

Note: Not known from Peru. The collection cited in the Flora of Peru, *Ule* 6705, was redetermined by Gates (1982) as *Banisteriopsis erianthera*.

Banisteria polygama Niedenzu
= *Banisteriopsis polygama* (Niedenau) B. Gates
Ref. Gates, 1982: 136.

Banisteria populifolia Niedenzu
= *Banisteriopsis populifolia* (Niedenau) B. Gates
Ref. FP 13(3/3) 1950: 830; Gates, 1982: 175.

Banisteria praecox Grisebach
= *Banisteriopsis lutea* (Grisebach) Cuatrecasas
Ref. FP 13(3/3) 1950: 827; Gates, 1982: 168.

Banisteria pubera Richard = *Stigmaphyllon puberum* (Richard) Adr. Jussieu

Ref. FP 13(3/3) 1950: 847; W. R. Anderson, 1981a: 172.

Banisteria pubipetala Adr. Jussieu
= *Banisteriopsis pubipetala* (Adr. Jussieu) Cuatrecasas

Ref. FP 13(3/3) 1950: 837; Gates, 1982: 191.

Banisteria pubipetala var. *constricta* (Grisebach) J. F. Macbride
= *Banisteriopsis pubipetala* (Adr. Jussieu) Cuatrecasas
Ref. FP 13(3/3) 1950: 837; Gates, 1982: 191.

Banisteria quitensis Niedenzu
= *Banisteriopsis caapi* (Spruce ex Grisebach) Morton
Ref. FP 13(3/3) 1950: 838; Gates, 1982: 112.

Banisteria sinemariensis Aublet
= *Mascagnia sinemariensis* (Aublet) Grisebach
Ref. W. R. Anderson, 1988: 621.

Banisteria sinuata DC. = *Stigmaphyllon sinuatum* (DC.) Adr. Jussieu

[*Banisteria suberosa* var. *candolleana* (Adr. Jussieu) Morton = *Heteropterys macradena* (DC.) W. R. Anderson]
Ref. FP 13(3/3) 1950: 818; W. R. Anderson, pers. comm.
Note: Not known from Peru. Listed as a synonym of *H. nervosa* in the Flora of Peru.

[*Banisteria tiliifolia* H.B.K. non Ventenat = *Stigmaphyllon dichotomum* (L.) Grisebach]
Ref. FP 13(3/3) 1950: 849; Cuatrecasas, 1958: 542; C. Anderson, pers. comm.
Note: Not known from Peru.

Banisteria tomentosa Schlechtendal, nom. illeg. = *Heteropterys brachiata* (L.) H.B.K.
Ref. FP 13(3/3) 1950: 815; W. R. Anderson, pers. comm.

Banisteriopsis argentea (H.B.K.) C. Robinson = *Banisteriopsis muricata* (Cavanilles) Cuatrecasas
Ref. FP 13(3/3) 1950: 832; Gates, 1982: 121.

Banisteriopsis caapi (Spruce ex Grisebach) Morton
Syn. *Banisteria caapi* Spruce ex Grisebach, *Banisteria inebrians* sensu J. F. Macbride, *Banisteria quitensis* Niedenzu, *Banisteriopsis inebrians* Morton, *Banisteriopsis quitensis* (Niedenzu) Morton
Ref. FP 13(3/3) 1950: 824; Gates, 1982: 112.
Cultivated liana. Amazonian: terra firme forests. 0-500 m.
Voucher: Killip & Smith 27385 (MO!)
Depts.: AM, LO, MD, SM

Banisteriopsis cabrerana Cuatrecasas = *Diplopterys cabrerana* (Cuatrecasas) B. Gates
Ref. Gates, 1982: 211.

Banisteriopsis caduciflora (Niedenzu) B. Gates
Syn. *Banisteria caduciflora* Niedenzu
Ref. Gates, 1982: 198.
Liana or shrub. Amazonian, Andean I: terra firme forests. 0-1000 m.
Voucher: Poeppig 2474* (F), Killip & Smith 26082 (US)
Depts.: JU, LO

[*Banisteriopsis cornifolia* (H.B.K.) C. Robinson]
Syn. *Banisteria cornifolia* (H.B.K.) Sprengel, *Heteropterys cornifolia* H.B.K.
Ref. Gates, 1982: 41.
Note: Not known from Peru.

[*Banisteriopsis cristata* (Grisebach) Cuatrecasas]
Syn. *Banisteria cristata* Grisebach
Ref. FP(3/3) 1950: 826; Gates, 1982: 171.
Note: Not known from Peru.

Banisteriopsis elegans (Triana & Planchon) Sandwith
Syn. *Banisteria elegans* Triana & Planchon
Ref. Gates, 1982: 134.
Liana. Amazonian, Andean I: disturbed areas, forests on white sand, terra firme forests. 0-1000 m.
Voucher: Knapp & Mallet 6895 (MO!)
Depts.: SM

Banisteriopsis erianthera (Adr. Jussieu) B. Gates
Syn. *Banisteria erianthera* Adr. Jussieu, *Banisteria platyptera* fo. *grandifolia* Niedenzu
Ref. Gates, 1982: 197.
Liana. Amazonian: forests. 0-500 m.
Note: The type locality, San Antonio de Cumbasa, is located in Depto. San Martín, not Loreto as indicated by Gates (1982).
Voucher: Ule 6705* (G)
Depts.: SM

[*Banisteriopsis heterostyla* (Adr. Jussieu) Cuatrecasas]
Syn. *Banisteria heterostyla* Adr. Jussieu
Ref. FP 13(3/3) 1950: 827; Gates, 1992: 167.
Note: Not known from Peru.

Banisteriopsis inebrians Morton
= *Banisteriopsis caapi* (Spruce ex Grisebach) Morton
Ref. FP 13(3/3) 1950: 828; Gates, 1982: 112.
Note: Incorrectly listed in the Flora of Peru as "*Banisteria inebrians* Morton."

[*Banisteriopsis laevifolia* (Adr. Jussieu) B. Gates]

Syn. *Banisteria laevifolia* Adr. Jussieu, *Banisteria laevifolia* var. *grata* (Grisebach) Niedenzu
Ref. Gates, 1982: 57.
Note: Not known from Peru.

Banisteriopsis leiocarpa (Adr. Jussieu) B. Gates
Syn. *Banisteria leiocarpa* Adr. Jussieu
Ref. Gates, 1982: 172.
Endemic liana, shrub or vine. Andean II: forests. 1500-2000 m.
Voucher: Mathews 2126* (P), Ferreyra 7133 (F)
Depts.: AM

Banisteriopsis longialata (Niedenzu) B. Gates
Syn. *Banisteria longialata* Niedenzu
Ref. Gates, 1982: 195.
Liana. Amazonian, Andean I: terra firme forests. 0-1500 m.
Note: The type locality is in present-day Depto. Pasco.
Voucher: Ruiz & Pavón s.n.* (B destroyed, F), Vásquez *et al.* 7770 (MO!)
Depts.: AM, LO, PA

Banisteriopsis lucida (Richard) Small
Syn. *Banisteria lucida* Richard
Ref. FP 13(3/3) 1950: 832; Gates, 1982: 177.
Liana or shrub. Amazonian, Andean I-II: forests, seasonally inundated areas, terra firme forests. 0-2000 m.
Voucher: Díaz *et al.* 194 (MO!)
Depts.: AM, CU, JU, LO, SM, UC

Banisteriopsis lutea (Grisebach) Cuatrecasas
Syn. *Banisteria lutea* Grisebach, *Banisteria nitrosiodora* Grisebach, *Banisteria praecox* Grisebach
Ref. Gates, 1982: 168.
Shrub, subshrub or vine. Andean I, Coastal: disturbed areas, forests, riversides. 500-1500 m.
Voucher: Ruiz & Pavón s.n.* (MA), Woytkowski 6499 (MO!)
Depts.: CA, CU, JU, PI, SM

[*Banisteriopsis martiniana* (Adr. Jussieu) Cuatrecasas var. *martiniana*]
Syn. *Banisteria leptocarpa* Benth, *Banisteria martiniana* Adr. Jussieu
Ref. Gates, 1982: 130.
Note: Not known from Peru.

Banisteriopsis martiniana var. *subenervia* Cuatrecasas
Ref. Gates, 1982: 132.
Liana or vine. Amazonian: forests, riversides, seasonally inundated areas. 0-500 m.
Voucher: Revilla 893 (MO!)
Depts.: LO, SM

Banisteriopsis metallicolor (Adr. Jussieu) O'Donnell & Lourteig = *Banisteriopsis muricata* (Cavanilles) Cuatrecasas
Ref. FP 13(3/3) 1950: 832; Gates, 1982: 121.

Banisteriopsis muricata (Cavanilles) Cuatrecasas
Syn. *Banisteria acanthocarpa* Adr. Jussieu, *Banisteria acanthocarpa* var. *glandulifera* Niedenzu, *Banisteria argentea* (H.B.K.) Sprengel, *Banisteria argentea* var. *transiens* Niedenzu, *Banisteria atrosanguinea* Adr. Jussieu, *Banisteria atrosanguinea* var. *benthamiana* (Adr. Jussieu) J. F. Macbride, *Banisteria benthamiana* Adr. Jussieu, *Banisteria metallicolor* Adr. Jussieu, *Banisteria metallicolor* var. *aurea* Niedenzu, *Banisteria muricata* Cavanilles, *Banisteria muricata* var. *atrosanguinea* (Adr. Jussieu) J. F. Macbride, *Banisteriopsis argentea* (H.B.K.) C. Robinson, *Banisteriopsis metallicolor* (Adr. Jussieu) O'Donnell & Lourteig, *Heteropterys argentea* H.B.K.
Ref. Gates, 1982: 120.
Liana, shrub or vine. Amazonian, Andean I: disturbed areas, rocky slopes, shrublands. 0-1500 m.
Voucher: Jussieu s.n.* (P-JU), Smith 4053 (MO!)
Depts.: AM, AY, CA, CU, HU, HV, JU, LO, MD, PA, PU, SM

[*Banisteriopsis nigrescens* (Adr. Jussieu) B. Gates]
Syn. *Banisteria nigrescens* Adr. Jussieu
Ref. Gates, 1982: 183.
Note: Not known from Peru.

Banisteriopsis nummifera (Adr. Jussieu) B. Gates
Syn. *Banisteria nummifera* Adr. Jussieu
Ref. Gates, 1982: 147.
Liana. Amazonian: terra firme forests. 0-500 m.
Note: The cited voucher was listed under *Banisteria laevifolia* in the Flora of Peru.
Voucher: Ule 6350 (G)
Depts.: LO, SM

Banisteriopsis nutans (Niedenzu) B. Gates
Syn. *Banisteria nutans* Niedenzu
Ref. FP 13(3/3) 1950: 834; Gates, 1982: 179.
Liana. Andean II: forests. 1500-2000 m.
Voucher: Poeppig 1497* (W), Schunke 9420 (MO!)
Depts.: CU, HU

[*Banisteriopsis oxyclada* (Adr. Jussieu) B. Gates]
Syn. *Banisteria oxyclada* Adr. Jussieu
Ref. FP 13(3/3) 1950: 835; Gates, 1982: 126.
Note: Not known from Peru. Listed under *Banisteria oxyclada* in the Flora of Peru with its inclusion there based on the cited collection by Haenke supposedly from Huánuco; no Peruvian record was cited by Gates (1982) for this taxon.

Banisteriopsis padifolia (Poeppig ex Niedenzu) B. Gates
Syn. *Banisteria padifolia* Poeppig ex Niedenzu
Ref. Gates, 1982: 137.

Liana. Andean I-II. 1000-2000 m.
Voucher: Poeppig 1288* (F), Vargas 4571 (F)
Depts.: CU, HU

Banisteriopsis parvifolia (Niedenzu) B. Gates
Syn. *Banisteria leiocarpa* var. *parvifolia* Niedenzu
Ref. Gates, 1982: 174.
Endemic liana, shrub or vine. Andean II: disturbed areas, dry valleys, shrublands. 1500-2500 m.
Voucher: Weberbauer 6063* (US), Smith & Vásquez 3420 (MO!)
Depts.: CA, HV, PI

Banisteriopsis peruviana (Niedenzu) B. Gates
Syn. *Banisteria peruviana* Niedenzu
Ref. Gates, 1982: 180.
Endemic liana. Andean II: forests. 1500-2000 m.
Note: Known from Peru only from the type locality. The second collection cited in the Flora of Peru, *Tessmann 3106*, was redetermined as *Stigmaphyllon mathiasiae* by W. R. Anderson (1981b: 4).
Voucher: Jelski 343* (US)
Depts.: CA

[*Banisteriopsis platyptera* (Grisebach) Cuatrecasas]
Syn. *Banisteria platyptera* Grisebach
Ref. Gates, 1982: 194.
Note: Not known from Peru.

Banisteriopsis polygama (Niedenzu) B. Gates
Syn. *Banisteria polygama* Niedenzu
Ref. Gates, 1982: 136.
Liana or vine. Andean I-II: forests, rocky slopes, shrublands. 1000-2500 m.
Voucher: Klug 3329 (MO!)
Depts.: AM, SM

Banisteriopsis populifolia (Niedenzu) B. Gates
Syn. *Banisteria populifolia* Niedenzu
Ref. Gates, 1982: 175.
Endemic liana, shrub or vine. Andean I-II: disturbed areas, dry valleys, rocky slopes. 500-2500 m.
Voucher: Weberbauer 4794* (G), Dillon & Turner 1702 (MO!)
Depts.: AM, CA

Banisteriopsis prancei B. Gates
Ref. Gates, 1982: 116.
Native vine. Amazonian: terra firme forests. 0-500 m.
Voucher: Núñez 6007 (MO!)
Depts.: MD

Banisteriopsis pubipetala (Adr. Jussieu) Cuatrecasas
Syn. *Banisteria constricta* Grisebach, *Banisteria pubipetala* Adr. Jussieu, *Banisteria pubipetala* var. *constricta* (Grisebach) J. F. Macbride
Ref. Gates, 1982: 191.
Liana, shrub or vine. Amazonian, Andean I-II: riversides. 0-2000 m.

Voucher: Woytkowski 7259 (MO!)
Depts.: JU, SM

Banisteriopsis quitensis (Niedenzu) Morton
= *Banisteriopsis caapi* (Spruce ex Grisebach) Morton
Ref. FP 13(3/3) 1950: 838; Gates, 1982: 112.

Banisteriopsis schunkei B. Gates
Ref. Gates, 1982: 198.
Endemic liana. Amazonian: terra firme forests. 0-500 m.
Note: Known from Peru only from the type locality.
Voucher: Schunke 4635* (MO!)
Depts.: SM

Banisteriopsis velutinissima B. Gates
Ref. Gates, 1982: 133.
Endemic liana or vine. Amazonian: disturbed areas, terra firme forests. 0-500 m.
Note: Known from Peru only from the type locality.
Voucher: Revilla 650* (MICH), Ayala 601 (MO!)
Depts.: LO

Banisteriopsis woytkowskii B. Gates
Ref. Gates, 1982: 181.
Endemic liana. Amazonian, Andean I: terra firme forests. 0-1500 m.
Note: One of the collections cited by Gates (1982), *Schunke 306*, was cited under *Banisteria heterostyla* in the Flora of Peru.
Voucher: Woytkowski 7328* (MO!), Díaz *et al.* 788 (MO!)
Depts.: JU, LO, PA, SM

Banisteriopsis wurdackii B. Gates
Syn. *Banisteria cinerascens* var. *glabrescens* Niedenzu
Ref. Gates, 1982: 52.
Liana or vine. Amazonian: disturbed areas, riversides, terra firme forests. 0-500 m.
Voucher: Huashikat 1011 (MO!)
Depts.: AM, LO, MD, SM

Bunchosia angustifolia Adr. Jussieu
= *Bunchosia armeniaca* (Cavanilles) DC.
Ref. FP 13(3/3) 1950: 919; Cuatrecasas, 1958: 587.

Bunchosia argentea (Jacquin) DC.
Syn. *Malpighia argentea* Jacquin
Ref. Cuatrecasas, 1958: 580.
Shrub or tree. Amazonian, Andean I-II: terra firme forests. 0-2000 m.
Voucher: Vásquez & Jaramillo 4095 (MO!)
Depts.: LO, PA

Bunchosia armeniaca (Cavanilles) DC.
Syn. *Bunchosia angustifolia* Adr. Jussieu, *Byrsonima nitida* R. & P. ex G. Don, *Malpighia armeniaca* Cavanilles
Ref. FP 13(3/3) 1950: 857; Cuatrecasas, 1958: 587.
Shrub or tree. Amazonian, Andean I-II: riversides, terra firme forests. 0-3000 m.

Voucher: Dombey s.n.* (MA), Terborgh 6122 (MO!)
Depts.: AM, AY, CA, HU, JU, LI, LO, MD, SM

Bunchosia berlirii W. R. Anderson
Ref. W. R. Anderson, 1987: 61.
Endemic tree. Amazonian: forests, terra firme forests. 0-500 m.
Voucher: Berlin 1777* (MICH), Kayap 289 (MO!)
Depts.: AM

Bunchosia bonplandiana Adr. Jussieu
Ref. W. R. Anderson, 1987: 63.
Shrub. Andean II: cloud forests. 2000-2500 m.
Voucher: Hutchison & Wright 4032 (MICH)
Depts.: AM

Bunchosia decussiflora W. R. Anderson
Ref. W. R. Anderson, 1981a: 279.
Tree. Amazonian: forests, riversides. 0-500 m.
Note: Cited voucher is questionably determined.
Voucher: Gentry *et al.* 21846 (MO!)
Depts.: LO

Bunchosia elliptica Todaro
Ref. FP 13(3/3) 1950: 585; Cuatrecasas, 1958: 584.
Tree. Amazonian: terra firme forests. 0-500 m.
Note: Cuatrecasas (1958) indicates that this species, described from a cultivated plant, may represent only a form of *B. hookeriana*.
Voucher: Croat 18505 (MO!)
Depts.: LO

[**Bunchosia fluminensis** fo. *systyla* Niedenzu = *Bunchosia systyla* (Niedenzu) Dobson]
Ref. Dobson, 1983: 275.
Note: Not known from Peru.

[**Bunchosia fluminensis** Grisebach = *Bunchosia maritima* (Vell. Conc.) J. F. Macbride]
Ref. FP 13(3/3) 1950: 860; Dobson, 1976: 157.
Note: Not known from Peru.

Bunchosia glandulifera (Jacquin) H.B.K.
Syn. *Malpighia glandulifera* Jacquin
Ref. Cuatrecasas, 1958: 582; W. R. Anderson, 1981a: 278.
Cultivated tree. Amazonian: disturbed areas, terra firme forests. 0-500 m.
Voucher: Fosberg 28994 (MO!)
Depts.: LO, MD

[**Bunchosia glandulosa** (Cavanilles) DC.]
Syn. *Malpighia glandulosa* Cavanilles
Ref. FP 13(3/3) 1950: 858; W. R. Anderson, 1988: 600.
Note: Not known from Peru.

Bunchosia hookeriana Adr. Jussieu
Ref. FP 13(3/3) 1950: 858; Cuatrecasas, 1958: 583; W. R. Anderson, 1981a: 279.

Shrub. Amazonian, Andean I: terra firme forests. 0-1500 m.
Voucher: Mathews s.n.* (K), Solomon 3430 (MO!)
Depts.: AM, HU, LO, MD, SM

[**Bunchosia lanceolata** Turczaninow fo. *leiocarpa* Niedenzu = *Bunchosia lindeniana* Adr. Jussieu]
Ref. FP 13(3/3) 1950: 859; Dobson, 1976: 106; W. R. Anderson, pers. comm.
Note: Not known from Peru.

[**Bunchosia lindeniana** Adr. Jussieu]
Syn. *Bunchosia lanceolata* fo. *leiocarpa* Niedenzu
Ref. FP 13(3/3) 1950: 860; Dobson, 1976: 106; W. R. Anderson, pers. comm.
Note: Not known from Peru. The collection cited in the Flora of Peru, *Raimondi s.n.*, was misidentified.

[**Bunchosia maritima** (Vell. Conc.) J. F. Macbride]
Syn. *Bunchosia fluminensis* Grisebach, *Malpighia maritima* Vell. Conc.
Ref. FP 13(3/3) 1950: 860; Cuatrecasas, 1958: 584; Dobson, 1976: 157.
Note: Not known from Peru.

[**Bunchosia media** (Aiton) DC.]
Syn. *Malpighia media* Aiton
Ref. FP 13(3/3) 1950: 861; W. R. Anderson, 1988: 602.
Note: Not known from Peru.

Bunchosia plowmanii W. R. Anderson
Ref. W. R. Anderson, 1987: 66.
Shrub or treelet. Andean I, Coastal: disturbed areas, dry valleys, forests. 0-1500 m.
Voucher: Plowman 5442* (MICH), Hutchison & Wright 3437 (F)
Depts.: LA, TU

Bunchosia squarrosa Grisebach
= *Tetrapterys styloptera* Adr. Jussieu
Ref. W. R. Anderson, 1981a: 256.

[**Bunchosia systyla** (Niedenzu) Dobson]
Syn. *Bunchosia fluminensis* fo. *systyla* Niedenzu
Ref. Dobson, 1983: 275.
Note: Not known from Peru. The Flora of Peru mentions the forma listed here in synonymy under *B. maritima*. The species is expected in Peru.

Burdachia prismatocarpa C. Martius ex Adr. Jussieu var. *loretoensis* W. R. Anderson
Ref. FP 13(3/3) 1950: 871; W. R. Anderson, 1981a: 143.
Tree. Amazonian: forests, riversides, seasonally inundated areas. 0-500 m.
Voucher: Woytkowski 5146* (MO!), Vásquez & Jaramillo 1094 (MO!)
Depts.: LO

[**Byrsonima amazonica** Grisebach = *Byrsonima densa* (Poir.) DC.]

Ref. FP 13(3/3) 1950: 867; Anderson, 1981a: 106.
Note: Not known from Peru.

Byrsonima arthropoda Adr. Jussieu
Ref. FP 13(3/3) 1950: 864; W. R. Anderson, 1981a: 87.
Shrub or tree. Amazonian: forests, riversides, seasonally inundated areas. 0-500 m.
Voucher: Poeppig 2214* (G), Barbour 5674 (MO!)
Depts.: AM, LO, MD

Byrsonima chrysophylla H.B.K.
Syn. *Byrsonima peruviana* Adr. Jussieu, *Byrsonima peruviana* var. *eglandulosa* Adr. Jussieu
Ref. FP 13(3/3) 1950: 864; W. R. Anderson, 1981a: 94.
Tree. Amazonian, Andean I: disturbed areas, terra firme forests. 0-1000 m.
Voucher: Woytkowski 6108 (MO!)
Depts.: JU, LO, SM

Byrsonima coccolobifolia H.B.K.
Ref. FP 13(3/3) 1950: 864; Cuatrecasas, 1958: 618; W. R. Anderson, 1981a: 97.
Shrub or tree. Andean I: forests. 500-1000 m.
Voucher: Weberbauer 4596 (F)
Depts.: SM

[**Byrsonima coriacea** (Swartz) DC.]
Syn. *Malpighia coriacea* Swartz
Ref. FP 13(3/3) 1950: 865; W. R. Anderson, pers. comm.
Note: Not known from Peru.

Byrsonima coriacea var. *spicata* (Cavanilles) Niedenzu = *Byrsonima spicata* (Cavanilles) H.B.K.
Ref. FP 13(3/3) 1950: 866; Cuatrecasas, 1958: 602; W. R. Anderson, 1981a: 95.

Byrsonima cowanii W. R. Anderson
Ref. W. R. Anderson, 1981a: 123.
Tree. Amazonian: forests, terra firme forests. 0-500 m.
Note: Specimen cited is questionably determined.
Voucher: Vásquez *et al.* 6198 (MO!)
Depts.: LO

[**Byrsonima crassifolia** (L.) H.B.K. var. *crassifolia*]
Syn. *Malpighia crassifolia* L.
Ref. FP 13(3/3) 1950: 866; Cuatrecasas, 1958: 607; W. R. Anderson, 1981a: 91.
Note: Not known from Peru.

Byrsonima crassifolia var. *peruviana* Niedenzu
Ref. FP 13(3/3) 1950: 867.
Endemic shrub or tree. Andean II. 1500-2000 m.
Note: Known from Peru only from the type locality.
Voucher: Weberbauer 1107* (B)
Depts.: PU

Byrsonima crispa Adr. Jussieu
Ref. W. R. Anderson, 1981a: 89.

Tree. Amazonian: terra firme forests. 0-500 m.
Voucher: Hartshorn 1718 (MO!)
Depts.: LO

[**Byrsonima densa** (Poir.) DC.]
Syn. *Byrsonima amazonica* Grisebach, *Malpighia densa* Poir.
Ref. FP 13(3/3) 1950: 867; W. R. Anderson, 1981a: 106; W. R. Anderson, pers. comm.
Note: Not known from Peru.

Byrsonima fluminensis Niedenzu
= *Byrsonima japurensis* Adr. Jussieu
Ref. FP 13(3/3) 1950: 868; W. R. Anderson, 1981a: 100.

Byrsonima japurensis Adr. Jussieu
Syn. *Byrsonima fluminensis* Niedenzu, *Byrsonima japurensis* subsp. *fluminensis* (Niedenzu) Cuatrecasas
Ref. W. R. Anderson, 1981a: 100.
Tree. Amazonian, Andean I: forests, riversides, seasonally inundated areas. 0-1000 m.
Voucher: Díaz *et al.* 2489 (MO!)
Depts.: LO, SM, UC

Byrsonima japurensis subsp. *fluminensis* (Niedenzu) Cuatrecasas = *Byrsonima japurensis* Adr. Jussieu
Ref. Cuatrecasas, 1958: 627; W. R. Anderson, 1981a: 100.

[**Byrsonima laxiflora** Grisebach]
Ref. FP 13(3/3) 1950: 868; W. R. Anderson, pers. comm.
Note: Not known from Peru. The three collections cited in the Flora of Peru have not yet been redetermined, but the type is from Minas Gerais, Brazil, so this species is not expected in Peru.

Byrsonima nitida R. & P. ex G. Don
= *Bunchosia armeniaca* (Cavanilles) DC.
Ref. FP 13(3/3) 1950: 857.

Byrsonima peruviana Adr. Jussieu
= *Byrsonima chrysophylla* H.B.K.
Ref. FP 13(3/3) 1950: 864.

Byrsonima peruviana var. *eglandulosa* Adr. Jussieu = *Byrsonima chrysophylla* H.B.K.
Ref. FP 13(3/3) 1950: 864.

[**Byrsonima phlomoides** (Sprengel) G. Don = *Tetrapterys phlomoides* (Sprengel) Niedenzu]
Ref. FP 13(3/3) 1950: 808.
Note: Not known from Peru.

Byrsonima poeppigiana Adr. Jussieu
Ref. FP 13(3/3) 1950: 869; W. R. Anderson, 1981a: 85.
Tree. Amazonian: disturbed areas, terra firme forests. 0-500 m.
Voucher: Revilla 309 (MO!)
Depts.: LO, MD, SM, UC

Byrsonima poeppigiana var. *velutina* Niedenzu = *Byrsonima schunkei* W. R. Anderson

Ref. FP 13(3/3) 1950: 869; W. R. Anderson, 1982: 101.

Byrsonima putumayensis Cuatrecasas
Ref. Cuatrecasas, 1958: 601.
Tree. Amazonian: terra firme forests. 0-500 m.
Voucher: Díaz & Jaramillo 1389 (MO!)
Depts.: LO

Byrsonima schunkei W. R. Anderson
Syn. *Byrsonima poeppigiana* var. *velutina* Niedenzu
Ref. W. R. Anderson, 1982: 101.
Shrub or tree. Amazonian: disturbed areas, terra firme forests. 0-500 m.
Voucher: Schunke 3929* (MO!), Vásquez & Jaramillo 2469 (MO!)
Depts.: LO, SM

[**Byrsonima sericea** DC.]
Ref. FP 13(3/3) 1950: 869; Cuatrecasas, 1958: 601.
Note: Not known from Peru.

Byrsonima spicata (Cavanilles) H.B.K.
Syn. *Byrsonima coriacea* var. *spicata* (Cavanilles) Niedenzu, *Malpighia spicata* Cavanilles
Ref. Cuatrecasas, 1958: 602; W. R. Anderson, 1981a: 95.
Shrub or tree. Amazonian, Andean I: forests, rocky slopes, terra firme forests. 0-1500 m.
Voucher: Klug 2233 (MO!)
Depts.: JU, LO, SM

Byrsonima stipulina J. F. Macbride
Ref. FP 13(3/3) 1950: 870.
Tree. Amazonian: forests on white sand, terra firme forests. 0-500 m.
Voucher: Klug 1041* (US), Croat 20066 (MO!)
Depts.: LO

Callaeum antifebrile (Grisebach) D. M. Johnson
Syn. *Banisteria antifebrilis* Grisebach, *Mascagnia psilophylla* fo. *peruviana* Niedenzu, *Mascagnia psilophylla* var. *antifebrilis* (Grisebach) Niedenzu
Ref. D. M. Johnson, 1986: 349.
Cultivated liana, shrub or vine. Amazonian, Andean I: disturbed areas, forests, riversides. 0-1000 m.
Voucher: Ruiz & Pavón s.n.* (MA photo F), Mexia 6330 (MO!)
Depts.: AM, HU, LI, LO, MD, SM, UC

[**Callaeum psilophyllum** (Adr. Jussieu) D. M. Johnson]
Syn. *Hiraea psilophylla* Adr. Jussieu, *Mascagnia psilophylla* (Adr. Jussieu) Grisebach
Ref. D. M. Johnson, 1986: 351.
Note: Not known from Peru.

Callaeum reticulatum D. M. Johnson
Ref. D. M. Johnson, 1986: 348.
Liana or vine. Andean I, Coastal: forests, riversides, rocky slopes. 500-1500 m.
Voucher: Hutchison & Wright 3387* (MO!), Woytkowski 5664 (MO!)
Depts.: CA, LA, PI

[**Dicella conwayi** Rusby]
Ref. W. R. Anderson, 1975: 280; Chase, 1981: 169.
Note: Not known from Peru. Peruvian material treated under this name by W. R. Anderson (1975) was redetermined as *D. julianii* by Chase (1981).

Dicella julianii (J. F. Macbride) W. R. Anderson
Syn. *Tetrapterys julianii* J. F. Macbride
Ref. Chase, 1981: 168.
Liana or vine. Amazonian, Andean I: terra firme forests. 0-1000 m.
Voucher: Klug 347* (US), Schunke 9985 (MO!)
Depts.: HU, JU, LO, MD

[**Dicella macroptera** Adr. Jussieu]
Syn. *Thryallis macroptera* C. Martius
Ref. FP 13(3/3) 1950: 862; Chase, 1981: 168.
Note: Not known from Peru. The specimen cited under this name in the Flora of Peru, *Killip & Smith 25241*, was redetermined by Chase (1981) as *D. julianii*. This collection and some other Peruvian collections had earlier been considered under *D. conwayi* by W. R. Anderson (1975).

Diptopteris cabrerana (Cuatrecasas) B. Gates
Syn. *Banisteriopsis cabrerana* Cuatrecasas
Ref. Gates, 1982: 211.
Liana or vine. Amazonian: disturbed areas, riversides, seasonally inundated areas, terra firme forests. 0-500 m.
Voucher: Revilla 1100 (MO!)
Depts.: LO, SM

Diptopteris includens (Benth.) Niedenzu = *Mezias includens* (Benth.) Cuatrecasas
Ref. FP 13(3/3) 1950: 811; Cuatrecasas, 1958: 450; W. R. Anderson, 1981a: 233.

Diptopteris involuta (Turczaninow) Niedenzu = *Mezias includens* (Benth.) Cuatrecasas
Ref. FP 13(3/3) 1950: 811; Cuatrecasas, 1958: 450; W. R. Anderson, 1981a: 233.

Diptopteris uleana Niedenzu = *Jubelina uleana* (Niedenzu) Cuatrecasas
Ref. FP 13(3/3) 1950: 812; W. R. Anderson, 1990a: 26.
Ectopopterys soejartoi W. R. Anderson
Ref. W. R. Anderson, 1980a: 11.
Liana. Amazonian: riversides, terra firme forests. 0-500 m.
Voucher: Wurdack 2356 (US)
Depts.: LO

[**Galphimia glauca** Cavanilles]
Syn. *Thryallis glauca* (Cavanilles) Kuntze
Ref. FP 13(3/3) 1950: 851; Cuatrecasas, 1958: 550.
Note: Not known from Peru.

Galphimia gracilis Bartling
Syn. *Thryallis gracilis* (Bartling) Kuntze
Ref. FP 13(3/3) 1950: 851; Cuatrecasas, 1958: 550.

Cultivated and introduced shrub.
Amazonian, Andean I: disturbed areas.
0-1000 m.

Note: Treated as a synonym of *G. glauca* in the Flora of Peru.

Voucher: Williams 5941 (F)

Depts.: LO, SM

[*Galphimia longifolia* H.B.K.
= *Lophanthera longifolia* (H.B.K.)
Grisebach]

Ref. FP 13(3/3) 1950: 852; Cuatrecasas, 1958: 555.

Note: Not known from Peru.

Heteropterys actinotenia W. R. Anderson

Ref. W. R. Anderson, 1982: 116.

Endemic liana or vine. Amazonian: forests on white sand, terra firme forests. 0-500 m.

Note: Known from Peru only from the type locality.

Voucher: Gentry & Jaramillo 22302* (MO!)

Depts.: LO

Heteropterys acutifolia Adr. Jussieu
= *Heteropterys orinocensis* (H.B.K.) Adr. Jussieu

Ref. FP 13(3/3) 1950: 819; W. R. Anderson, 1981a: 200.

Heteropterys anomala Adr. Jussieu var. *aurea* Niedenzu = *Heteropterys aureo-sericea* Cuatrecasas

Ref. FP 13(3/3) 1950: 814; W. R. Anderson, pers. comm.

[*Heteropterys anoptera* Adr. Jussieu]
Ref. FP 13(3/3) 1950: 818; W. R. Anderson, 1981a: 188; W. R. Anderson, pers. comm.

Note: Not known from Peru. Listed as a synonym of *H. nervosa* in the Flora of Peru. The type of this species is from Minas Gerais, Brazil, and it is doubtful whether this species is to be found in Peru.

Heteropterys argentea H.B.K.
= *Banisteriopsis muricata* (Cavanilles) Cuatrecasas

Ref. FP 13(3/3) 1950: 832; Gates, 1982: 120.

Heteropterys aureo-sericea Cuatrecasas
Syn. *Heteropterys anomala* var. *aurea* Niedenzu

Ref. Cuatrecasas, 1958: 468; W. R. Anderson, pers. comm.

Liana. Amazonian: forests, riversides. 0-500 m.

Voucher: Klug 2053* (MO!), Tessmann 4511 (B, destroyed)

Depts.: LO, SM

Heteropterys beecheyana Adr. Jussieu
= *Heteropterys brachiata* (L.) H.B.K.

Ref. FP 13(3/3) 1950: 815; W. R. Anderson, pers. comm.

Heteropterys brachiata (L.) H.B.K.
Syn. *Banisteria beecheyana* (Adr. Jussieu) C. Robinson, *Banisteria brachiata* L., *Banisteria tomentosa* Schlechtendal, nom. illeg., *Heteropterys beecheyana* Adr. Jussieu, *Heteropterys tomentosa* (Schlechtendal) Hooker & Arnott

Ref. W. R. Anderson, pers. comm.

Liana. Andean I-II: forests, rocky slopes, shrublands. 1000-2500 m.

Voucher: Woytkowski 7980 (MO!)

Depts.: AM, CA, HU, JU

[*Heteropterys candolleana* Adr. Jussieu
= *Heteropterys macradena* (DC.) W. R. Anderson]

Ref. W. R. Anderson, 1981a: 202.

Note: Not known from Peru.

Heteropterys castanea Cuatrecasas
= *Mascagnia castanea* (Cuatrecasas) W. R. Anderson

Ref. W. R. Anderson, 1981a: 218.

[*Heteropterys catingarum* Adr. Jussieu]
Ref. FP 13(3/3) 1950: 815; W. R. Anderson, pers. comm.

Note: Not known from Peru. The collection cited in the Flora of Peru (*Bües s.n.*) has not been redetermined.

[*Heteropterys cornifolia* H.B.K.
= *Banisteriopsis cornifolia* (H.B.K.) C. Robinson]

Ref. FP 13(3/3) 1950: 826; Gates, 1982: 41.

Note: Not known from Peru.

[*Heteropterys cristata* Benth.]
Ref. FP 13(3/3) 1950: 816.

Note: Not known from Peru. The Peruvian specimen cited in the Flora of Peru, *Klug 2153*, is the type of *H. floridana* (1958). *Heteropterys cristata* and *H. floridana* "are very close and *H. floridana* may not stand" (W. R. Anderson, pers. comm.).

Heteropterys floridana Cuatrecasas
Ref. Cuatrecasas, 1958: 470.

Endemic liana. Amazonian: terra firme forests. 0-500 m.

Note: Known from Peru only from the type locality; see note under *H. cristata*.

Voucher: Klug 2153* (US)

Depts.: LO

Heteropterys fulva Cuatrecasas
Ref. Cuatrecasas, 1959: 166.

Liana. Amazonian, Andean I: forests. 0-1000 m.

Voucher: Schultes 6226* (US), Klug 4328 (MO!)

Depts.: MD, SM

[*Heteropterys grandiflora* Adr. Jussieu]
Ref. FP 13(3/3) 1950: 817.

Liana. Amazonian: forests, seasonally inundated areas. 0-500 m.

Note: The determination of *Tessmann 5135* as representing this species of

eastern Brazil is doubtful (W. R. Anderson, pers. comm.).

Voucher: Tessmann 5135 (B)

Depts.: LO

Heteropterys laurifolia (L.) Adr. Jussieu
Syn. *Banisteria laurifolia* L.

Ref. Cuatrecasas, 1958: 478.

Tree. Amazonian, Andean I: riversides, rocky slopes. 0-1500 m.

Voucher: Smith 2814 (MO!)

Depts.: JU, LO

[*Heteropterys lessertiana* Adr. Jussieu
= *Heteropterys macradena* (DC.) W. R. Anderson]

Ref. W. R. Anderson, 1981a: 202.

Note: Not known from Peru.

[*Heteropterys macradena* (DC.) W. R. Anderson]

Syn. *Banisteria macradena* DC., *Banisteria nervosa* var. *candolleana* (Adr. Jussieu) Niedenzu ex R. O. Williams, *Banisteria nervosa* var. *lessertiana* (Adr. Jussieu) Grisebach ex R. O. Williams, *Banisteria suberosa* var. *candolleana* (Adr. Jussieu) Morton, *Heteropterys candolleana* Adr. Jussieu, *Heteropterys lessertiana* Adr. Jussieu

Ref. W. R. Anderson, 1981a: 202; W. R. Anderson, pers. comm.

Note: Not known from Peru. Some of the synonyms listed here were placed under *H. nervosa* in the Flora of Peru.

Heteropterys macrostachya Adr. Jussieu
Ref. FP 13(3/3) 1950: 817; W. R. Anderson, 1981a: 185.

Liana. Amazonian, Andean I: terra firme forests. 0-1000 m.

Voucher: Belshaw 3520 (MO!)

Depts.: CU, LO, SM

Heteropterys magnifica W. R. Anderson
Ref. W. R. Anderson, 1990b: 45.

Endemic liana. Amazonian: forests, terra firme forests. 0-500 m.

Note: Known from Peru only from the type locality.

Voucher: Gentry et al. 60928* (MICH)

Depts.: LO

Heteropterys mathewsana Adr. Jussieu
Ref. FP 13(3/3) 1950: 819; W. R. Anderson, pers. comm.

Liana or vine. Andean I: forests. 500-1000 m.

Note: Listed as a synonym of *H. orinocensis* in the Flora of Peru.

Voucher: Mathews 1465* (K), Spruce s.n. [in 1855-56] (K)

Depts.: SM

Heteropterys nervosa Adr. Jussieu
Syn. *Banisteria nervosa* (Adr. Jussieu) R. O. Williams, *Heteropterys suberosa* Willdenow ex Grisebach

Ref. FP 13(3/3) 1950: 818; W. R. Anderson, 1981a: 187.

Liana or treelet. Amazonian: forests, riversides. 0-500 m.

Voucher: Woytkowski 5173 (MO!)

Depts.: JU, LO, SM

Heteropterys orinocensis (H.B.K.) Adr. Jussieu

Syn. *Banisteria orinocensis* H.B.K., *Heteropterys acutifolia* Adr. Jussieu

Ref. FP 13(3/3) 1950: 818; W. R. Anderson, 1981a: 200.

Liana or vine. Amazonian: disturbed areas, forests, riversides, seasonally inundated areas. 0-500 m.

Voucher: Vásquez & Jaramillo 1074 (MO!)

Depts.: JU, LO, SM

Heteropterys riparia Cuatrecasas

Ref. W. R. Anderson, 1981a: 195.

Liana or vine. Amazonian: forests, riversides, seasonally inundated areas. 0-500 m.

Voucher: Ramírez 17 (MO!)

Depts.: LO

[*Heteropterys spectabilis* Adr. Jussieu
= *Heteropterys tomentosa* Adr. Jussieu]

Ref. FP 13(3/3) 1950: 819; Cuatrecasas, 1958: 467.

Heteropterys suberosa Willdenow ex Grisebach = *Heteropterys nervosa* Adr. Jussieu

Ref. FP 13(3/3) 1950: 818; W. R. Anderson, 1981a: 187.

Heteropterys tomentosa (Schlechtendal) Hooker & Arnott = *Heteropterys brachiata* (L.) H.B.K.

Ref. FP 13(3/3) 1950: 815; W. R. Anderson, pers. comm.

[*Heteropterys transiens* Niedenzu]
Ref. FP 13(3/3) 1950: 820.

Note: Not known from Peru. The collection cited in the Flora of Peru, *Tessmann 4721*, has been redetermined as *H. uribei* (W. R. Anderson, pers. comm.).

Heteropterys uribei Cuatrecasas
Liana. Amazonian: terra firme forests. 0-500 m.

Voucher: Tessmann 4721 (B, destroyed)

Depts.: AM

Hiraea anisopetala Adr. Jussieu
= *Mascagnia anisopetala* (Adr. Jussieu) Grisebach

Ref. FP 13(3/3) 1950: 785.

Hiraea bahiensis Moricand = *Hiraea fagifolia* (DC.) Adr. Jussieu

Ref. FP 13(3/3) 1950: 794; W. R. Anderson, pers. comm.

Hiraea blanchetiana Moricand = *Hiraea fagifolia* (DC.) Adr. Jussieu

Ref. FP 13(3/3) 1950: 796.

[*Hiraea cordifolia* Adr. Jussieu
= *Mascagnia cordifolia* (Adr. Jussieu) Grisebach]

Ref. FP 13(3/3) 1950: 786.

Note: Not known from Peru.

Hiraea crassipes Adr. Jussieu
Ref. FP 13(3/3) 1950: 795.

Liana. Amazonian, Andean I: terra firme forests. 0-1500 m.

Voucher: Poeppig 1787* (P), Spruce 4600 (K)

Depts.: HU, JU, LO, SM

Hiraea divaricata H.B.K. = *Mascagnia divaricata* (H.B.K.) Niedenzu

Ref. Cuatrecasas, 1958: 368; W. R. Anderson, pers. comm.

Hiraea elegans Adr. Jussieu = *Mascagnia divaricata* (H.B.K.) Niedenzu

Ref. FP 13(3/3) 1950: 789; W. R. Anderson, pers. comm.

Hiraea fagifolia (DC.) Adr. Jussieu

Syn. *Banisteria fagifolia* DC., *Hiraea bahiensis* Moricand, *Hiraea blanchetiana* Moricand, *Hiraea fagifolia* var. *candolleana* Niedenzu

Ref. FP 13(3/3) 1950: 796; Cuatrecasas, 1958: 405; Gates, 1982: 205; W. R. Anderson, pers. comm.

Liana, shrub or tree. Amazonian, Andean I: forests, riversides, seasonally inundated areas. 0-1000 m.

Voucher: Revilla 811 (MO!)

Depts.: LO, MD, SM

Hiraea fagifolia var. *candolleana* Niedenzu

= *Hiraea fagifolia* (DC.) Adr. Jussieu

Ref. FP 13(3/3) 1950: 796.

Hiraea klugii Cuatrecasas

Ref. Cuatrecasas, 1958: 398.

Liana. Amazonian: forests, riversides. 0-500 m.

Note: The type of this species, *Klug 1609* from Río Putumayo, Colombia, was cited under *H. crassipes* in the Flora of Peru.

Voucher: Mexia 6138 (MO!)

Depts.: LO

Hiraea kunthiana Adr. Jussieu, nom. superfl. = *Hiraea reclinata* Jacquin

Ref. FP 13(3/3) 1950: 796; Cuatrecasas, 1958: 406.

[*Hiraea macrodisca* Triana & Planchon = *Mascagnia macrodisca* (Triana & Planchon) Niedenzu]

Ref. FP 13(3/3) 1950: 788; W. R. Anderson, 1981a: 212.

Note: Not known from Peru.

Hiraea obovata (H.B.K.) Niedenzu, nom. illeg. = *Hiraea reclinata* Jacquin

Ref. FP 13(3/3) 1950: 796; Cuatrecasas, 1958: 406.

[*Hiraea ovatifolia* H.B.K. = *Mascagnia ovatifolia* (H.B.K.) Grisebach]

Ref. FP 13(3/3) 1950: 798; Cuatrecasas, 1958: 368.

Note: Not known from Peru.

Hiraea poeppigiana Adr. Jussieu

= *Mascagnia poeppigiana* (Adr. Jussieu) W. R. Anderson

Ref. FP 13(3/3) 1950: 809; W. R. Anderson, 1981a: 219.

[*Hiraea psilophylla* Adr. Jussieu = *Callaeum psilophyllum* (Adr. Jussieu) D. M. Johnson]

Ref. FP 13(3/3) 1950: 790; D. M. Johnson, 1986: 351.

Note: Not known from Peru.

Hiraea pubiflora Adr. Jussieu = *Mascagnia pubiflora* (Adr. Jussieu) Grisebach

Ref. FP 13(3/3) 1950: 791.

Hiraea reclinata Jacquin

Syn. *Hiraea kunthiana* Adr. Jussieu, nom. superfl., *Hiraea obovata* (H.B.K.) Niedenzu, nom. illeg., *Hiraea transiens* Niedenzu, *Malpighia obovata* H.B.K., *Triopteris reclinata* (Jacquin) Cavanilles

Ref. Cuatrecasas, 1958: 405.

Liana. Amazonian: forests. 0-500 m.

Voucher: Klug 737 (F)

Depts.: LO

Hiraea rigida Adr. Jussieu = *Mascagnia rigida* (Adr. Jussieu) Grisebach

Ref. FP 13(3/3) 1950: 791.

Hiraea sepium Adr. Jussieu = *Mascagnia sepium* (Adr. Jussieu) Grisebach

Ref. FP 13(3/3) 1950: 792; W. R. Anderson, 1981a: 221.

Hiraea spruceana Niedenzu var. *mortoniana* J. F. Macbride

Ref. FP 13(3/3) 1950: 797.

Liana. Andean I: terra firme forests. 500-1000 m.

Note: Known from Peru only from the type locality.

Voucher: Klug 3332* (F)

Depts.: WD

Hiraea ternifolia var. *peruviana* J. F. Macbride

Ref. FP 13(3/3) 1950: 798.

Endemic liana. Amazonian: terra firme forests. 0-500 m.

Note: Known from Peru only from the type locality.

Voucher: Klug 3801* (F)

Depts.: SM

[*Hiraea ternifolia* (H.B.K.) Adr. Jussieu var. *ternifolia*]

Hiraea villosa Poeppig ex Niedenzu
Ref. FP 13(3/3) 1950: 799.
Liana. Amazonian, Andean I: forests, riversides. 0-1500 m.
Voucher: Poeppig 1668* (W), Schunke 8131 (MO!)
Depts.: SM

Jubelina uleana (Niedenzu) Cuatrecasas
Syn. *Diplopterys uleana* Niedenzu
Ref. W. R. Anderson, 1990a: 26.
Liana or vine. Amazonian: riversides, terra firme forests. 0-500 m.
Voucher: Spruce 4950* (C), Huashikat 1199 (MO!)
Depts.: AM, LO, SM

[*Lophanthera longifolia* (H.B.K.) Grisebach]
Syn. *Galphimia longifolia* H.B.K.
Ref. FP 13(3/3) 1950: 852; Cuatrecasas, 1958: 555.
Note: Not known from Peru.

Lophopterys inpana W. R. Anderson
Ref. W. R. Anderson, 1990: 46.
Liana or shrub. Andean I: forests. 500-1000 m.
Voucher: Morawetz & Wallnöfer 13-28888 (MICH)
Depts.: HU

Malpighia argentea Jacquin = *Bunchosia argentea* (Jacquin) DC.
Ref. Cuatrecasas, 1958: 580.

Malpighia armeniaca Cavanilles
= *Bunchosia armeniaca* (Cavanilles) DC.
Ref. FP 13(3/3) 1950: 857; Cuatrecasas, 1958: 587.

Malpighia coccigera L.
Cultivated and introduced shrub.
Amazonian: disturbed areas. 0-500 m.
Voucher: Croat 18418 (MO!)
Depts.: LO

[*Malpighia coriacea* Swartz = *Byrsonima coriacea* (Swartz) DC.]
Ref. FP 13(3/3) 1950: 865.
Note: Not known from Peru.

[*Malpighia crassifolia* L. = *Byrsonima crassifolia* var. *crassifolia*]
Ref. FP 13(3/3) 1950: 866; Cuatrecasas, 1958: 607; W. R. Anderson, 1981a: 91.
Note: Not known from Peru.

[*Malpighia densa* Poir. = *Byrsonima densa* (Poir.) DC.]
Ref. FP 13(3/3) 1950: 867.
Note: Not known from Peru.

Malpighia emarginata Sessé & Moçino ex DC.
Ref. Vivaldi, 1981: 903.
Cultivated and introduced shrub or tree.
Amazonian: disturbed areas, forests. 0-500 m.
Voucher: Schunke 7868 (MO!)
Depts.: SM

Malpighia glabra L.
Syn. *Malpighia lucida* Pavón ex Adr.

Jussieu, nom. illeg., *Malpighia peruviana* Moricand, *Malpighia puniceifolia* L.
Ref. FP 13(3/3) 1950: 853; Vivaldi, 1979: 128; Vivaldi, 1981: 904.
Cultivated and introduced shrub or tree.
Amazonian, Andean I, Coastal. 0-1000 m.
Voucher: Dillon & Dillon 3902 (MO!)
Depts.: CA, LO, MO, SM

Malpighia glandulifera Jacquin
= *Bunchosia glandulifera* (Jacquin) H.B.K.
Ref. Cuatrecasas, 1958: 582; W. R. Anderson, 1981a: 278.

[*Malpighia glandulosa* Cavanilles = *Bunchosia glandulosa* (Cavanilles) DC.]
Ref. FP 13(3/3) 1950: 858.
Note: Not known from Peru.

Malpighia lucida Pavón ex Adr. Jussieu, nom. illeg. = *Malpighia glabra* L.
Ref. FP 13(3/3) 1950: 853; Vivaldi, 1981: 905.

[*Malpighia maritima* Vell. Conc. = *Bunchosia maritima* (Vell. Conc.) J. F. Macbride]
Ref. FP 13(3/3) 1950: 860; Dobson, 1976: 157.
Note: Not known from Peru.

[*Malpighia media* Aiton = *Bunchosia media* (Aiton) DC.]
Ref. FP 13(3/3) 1950: 861.
Note: Not known from Peru.

[*Malpighia mexicana* Adr. Jussieu]
Syn. *Malpighia tomentosa* Pavón ex Moricand
Ref. Vivaldi, 1979: 157.
Note: Not known from Peru.

Malpighia obovata H.B.K. = *Hiraea reclinata* Jacquin
Ref. FP 13(3/3) 1950: 796; Cuatrecasas, 1958: 406.

Malpighia peruviana Moricand = *Malpighia glabra* L.
Ref. FP 13(3/3) 1950: 853; Vivaldi, 1981: 904.

[*Malpighia phlomoides* Sprengel = *Tetrapteryx phlomoides* (Sprengel) Niedenzu]
Ref. FP 13(3/3) 1950: 808.
Note: Not known from Peru.

Malpighia puniceifolia L. = *Malpighia glabra* L.
Ref. FP 13(3/3) 1950: 854; Vivaldi, 1979: 130.

Malpighia spicata Cavanilles = *Byrsonima spicata* (Cavanilles) H.B.K.
Ref. Cuatrecasas, 1958: 602; W. R. Anderson, 1981a: 95.

[*Malpighia ternifolia* H.B.K. = *Hiraea ternifolia* var. *ternifolia*]

Ref. FP 13(3/3) 1950: 798.
Note: Not known from Peru.

[*Malpighia tomentosa* Pavón ex Moricand = *Malpighia mexicana* Adr. Jussieu]
Ref. FP 13(3/3) 1950: 855; Vivaldi, 1979: 158.
Note: Not known from Peru. The specimen upon which this species was based was claimed by Moricand to have been collected by Pavón in Peru, but Vivaldi (1979) says that it was "certainly collected in Mexico by Sessé & Moçino."

Malpighiodes benthamiana (Grisebach) Niedenzu = *Mascagnia benthamiana* (Grisebach) W. R. Anderson
Ref. W. R. Anderson, 1981a: 217.

[*Mascagnia amazonica* Niedenzu]
Ref. FP 13(3/3) 1950: 785.
Note: Not known from Peru.

[*Mascagnia americana* Bertero, nom. superfl. = *Mascagnia macradena* (DC.) Niedenzu]
Ref. FP 13(3/3) 1950: 785; W. R. Anderson, pers. comm.
Note: Not known from Peru. The collection cited questionably under this name in the Flora of Peru, *Weberbauer* 6353, is the type collection of *M. peruviana*.

Mascagnia anisopetala (Adr. Jussieu) Grisebach
Syn. *Hiraea anisopetala* Adr. Jussieu
Ref. FP 13(3/3) 1950: 785.
Liana or vine. Amazonian: terra firme forests. 0-500 m.
Voucher: Berlin 332 (MO!)
Depts.: AM, SM

[*Mascagnia anisopetala* var. *macrodisca* (Triana & Planchon) Kostermans = *Mascagnia macrodisca* (Triana & Planchon) Niedenzu]
Ref. FP 13(3/3) 1950: 788; W. R. Anderson, 1981a: 212.
Note: Not known from Peru.

Mascagnia benthamiana (Grisebach) W. R. Anderson
Syn. *Malpighiodes benthamiana* (Grisebach) Niedenzu, *Mascagnia sericans* Niedenzu, *Tetrapteryx benthamiana* Grisebach
Ref. W. R. Anderson, 1981a: 217.
Liana. Amazonian: disturbed areas, riversides, seasonally inundated areas, terra firme forests. 0-500 m.
Voucher: Núñez 5832 (MO!)
Depts.: AM, LO, MD, SM

Mascagnia castanea (Cuatrecasas) W. R. Anderson
Syn. *Heteropterys castanea* Cuatrecasas
Ref. W. R. Anderson, 1981a: 218.
Liana. Amazonian: riversides, terra firme forests. 0-500 m.
Voucher: Díaz & Jaramillo 233 (MO!)
Depts.: LO

[*Mascagnia cordifolia* (Adr. Jussieu) Grisebach]
Syn. *Hiraea cordifolia* Adr. Jussieu
Ref. FP 13(3/3) 1950: 786.
Note: Not known from Peru.

Mascagnia cordifolia var. *peruviana* J. F. Macbride = *Mascagnia schunkei* W. R. Anderson
Ref. FP 13(3/3) 1950: 786; W. R. Anderson, pers. comm.

Mascagnia dissimilis Morton & Moldenke
Ref. W. R. Anderson, 1981a: 225.
Liana. Amazonian: terra firme forests. 0-500 m.
Note: W. R. Anderson (1981a) indicates that *M. filipes* may prove to be a synonym of this species.
Voucher: Gentry et al. 25391 (MO!)
Depts.: LO, UC

Mascagnia divaricata (H.B.K.) Niedenzu
Syn. *Hiraea divaricata* H.B.K., *Hiraea elegans* Adr. Jussieu, *Mascagnia elegans* (Adr. Jussieu) Grisebach
Ref. W. R. Anderson, pers. comm.
Liana or vine. Amazonian, Andean I: disturbed areas, forests, riversides. 0-1000 m.
Voucher: Foster 9609 (MO!)
Depts.: JU, MD, PA, SM

Mascagnia eggersiana (Niedenzu) W. R. Anderson
Syn. *Mascagnia tenuifolia* var. *eggersiana* Niedenzu
Ref. W. R. Anderson, 1981a: 224.
Liana. Amazonian: terra firme forests. 0-500 m.
Voucher: Schunke 3822 (MO!)
Depts.: LO, SM

Mascagnia elegans (Adr. Jussieu) Grisebach = *Mascagnia divaricata* (H.B.K.) Niedenzu
Ref. FP 13(3/3) 1950: 789; Cuatrecasas, 1958: 368; W. R. Anderson, pers. comm.

Mascagnia filipes J. F. Macbride
Ref. FP 13(3/3) 1950: 787; W. R. Anderson, 1981a: 226.
Endemic liana. Amazonian: forests. 0-500 m.
Note: Known from Peru only from the type locality. Possibly conspecific with *M. dissimilis* (W. R. Anderson, 1981a).
Voucher: Klug 815* (US)
Depts.: LO

Mascagnia glandulifera Cuatrecasas
Ref. Cuatrecasas, 1958: 365; W. R. Anderson, 1981a: 211.
Liana. Amazonian: forests. 0-500 m.
Voucher: Revilla 1748 (MO!)
Depts.: LO

Mascagnia lorentensis Morton
Ref. FP 13(3/3) 1950: 787.
Liana. Amazonian: forests, riversides, seasonally inundated areas. 0-500 m.

Voucher: Klug 907* (F), Woytkowski 5159 (MO!)
Depts.: LO

[*Mascagnia macradena* (DC.) Niedenzu]
Syn. *Mascagnia americana* Bertero
Ref. FP 13(3/3) 1950: 785; W. R. Anderson, pers. comm.
Note: Not known from Peru.

[*Mascagnia macrodisca* (Triana & Planchon) Niedenzu]
Syn. *Hiraea macrodisca* Triana & Planchon, *Mascagnia anisopetala* var. *macrodisca* (Triana & Planchon) Kostermans
Ref. FP 13(3/3) 1950: 788; W. R. Anderson, 1981a: 212.
Note: Not known from Peru. The locality for the Flora of Peru voucher, *Williams* 2741, is from La Victoria in present-day Colombia; the species is expected in Loreto, Peru.

Mascagnia macrophylla Rusby
Ref. W. R. Anderson, 1980b: 19.
Liana. Amazonian: forests. 0-500 m.
Voucher: Díaz & Ruiz 851A (MICH)
Depts.: LO

Mascagnia mater-dei Cuatrecasas
= *Mascagnia poeppigiana* (Adr. Jussieu) W. R. Anderson
Ref. W. R. Anderson, 1981a: 219.

Mascagnia mirabilis W. R. Anderson
Ref. W. R. Anderson, 1980b: 19.
Endemic liana. Amazonian: forests. 0-500 m.
Note: Known from Peru only from the type locality.
Voucher: Plowman 6019* (MICH)
Depts.: SM

Mascagnia nobilis Morton
Ref. FP 13(3/3) 1950: 788.
Endemic liana. Amazonian: forests. 0-500 m.
Note: Known from Peru only from the type locality.
Voucher: Killip & Smith 27557* (US)
Depts.: LO

[*Mascagnia ovatifolia* (H.B.K.) Grisebach]
Syn. *Hiraea ovatifolia* H.B.K.
Ref. FP 13(3/3) 1950: 789; Cuatrecasas, 1958: 368.
Note: Not known from Peru. The correct name for the species treated as *M. ovatifolia* in the Flora of Peru and by Cuatrecasas (1958) is *M. divaricata* (W. R. Anderson, pers. comm.).

Mascagnia peruviana Cuatrecasas
Ref. Cuatrecasas, 1959: 169.
Endemic liana. Andean I: forests. 1000-1500 m.
Note: Known from Peru only from the type locality.
Voucher: Weberbauer 6353* (US)
Depts.: PI

Mascagnia poeppigiana (Adr. Jussieu) W. R. Anderson

Syn. *Hiraea poeppigiana* Adr. Jussieu, *Mascagnia mater-dei* Cuatrecasas, *Tetrapteryx poeppigiana* (Adr. Jussieu) Grisebach
Ref. W. R. Anderson, 1981a: 219.
Liana. Amazonian: forests. 0-500 m.
Voucher: Schunke 6226 (US)
Depts.: MD

[*Mascagnia psilophylla* (Adr. Jussieu) Grisebach = *Callaeum psilophyllum* (Adr. Jussieu) D. M. Johnson]
Ref. FP 13(3/3) 1950: 790; D. M. Johnson, 1986: 351.
Note: Not known from Peru.

Mascagnia psilophylla fo. *peruviana* Niedenzu = *Callaeum antifebrile* (Grisebach) D. M. Johnson
Ref. FP 13(3/3) 1950: 790; D. M. Johnson, 1986: 349.

Mascagnia psilophylla var. *antifebrilis* (Grisebach) Niedenzu = *Callaeum antifebrile* (Grisebach) D. M. Johnson
Ref. FP 13(3/3) 1950: 790; D. M. Johnson, 1986: 349.

Mascagnia pubiflora (Adr. Jussieu) Grisebach
Syn. *Hiraea pubiflora* Adr. Jussieu
Ref. FP 13(3/3) 1950: 791.
Liana. Amazonian, Andean I: terra firme forests. 0-1000 m.
Voucher: Klug 4259 (MO!)
Depts.: SM

Mascagnia rigida (Adr. Jussieu) Grisebach
Syn. *Hiraea rigida* Adr. Jussieu
Ref. FP 13(3/3) 1950: 791.
Liana. Amazonian: forests, riversides, terra firme forests. 0-500 m.
Voucher: Klug 3881 (MO!)
Depts.: AM, MD, SM

Mascagnia schunkei W. R. Anderson
Syn. *Mascagnia cordifolia* var. *peruviana* J. F. Macbride
Ref. W. R. Anderson, 1981a: 222; W. R. Anderson, pers. comm.
Liana. Amazonian, Andean I: forests on white sand, terra firme forests. 0-1000 m.
Voucher: Schunke 6195* (F), Gentry et al. 21306 (MO!)
Depts.: HU, LO

Mascagnia sepium (Adr. Jussieu) Grisebach
Syn. *Hiraea sepium* Adr. Jussieu
Ref. FP 13(3/3) 1950: 792; W. R. Anderson, 1981a: 221.
Liana. Amazonian, Andean I: forests on white sand, terra firme forests. 0-1000 m.
Voucher: Croat 18270 (MO!)
Depts.: LO, SM

Mascagnia sericans Niedenzu = *Mascagnia benthamiana* (Grisebach) W. R. Anderson
Ref. FP 13(3/3) 1950: 792; W. R. Anderson, 1981a: 217.

Mascagnia sinemariensis (Aublet) Grisebach
Syn. *Banisteria sinemariensis* Aublet
Ref. W. R. Anderson, 1988: 621.
Liana or vine. Amazonian: forests. 0-500 m.
Voucher: McKenna *et al.* 83 (MICH)
Depts.: LO

Mascagnia strigulosa Rusby
Ref. W. R. Anderson, 1981a: 224.
Liana or vine. Amazonian: forests, riversides. 0-500 m.
Voucher: Revilla 1662 (MO!)
Depts.: LO

Mascagnia tenuifolia Niedenzu
Syn. *Mascagnia tenuifolia* var. *amazonica* Niedenzu
Ref. FP 13(3/3) 1950: 793; W. R. Anderson, 1981a: 225.
Endemic liana. Andean I: forests. 500-1000 m.
Note: Known from Peru only from the type locality. W. R. Anderson (1981a) lectotyped the species and var. *amazonica* Niedenzu [=var. *tenuifolia*] citing Spruce 4958.
Voucher: Spruce 4958* (NY)
Depts.: SM

Mascagnia tenuifolia var. *amazonica* Niedenzu = *Mascagnia tenuifolia* Niedenzu
Ref. FP 13(3/3) 1950: 793; W. R. Anderson, 1981a: 225.

Mascagnia tenuifolia var. *eggersiana* Niedenzu = *Mascagnia eggersiana* (Niedenzu) W. R. Anderson
Ref. W. R. Anderson, 1981a: 224.

Meckelia multiflora C. Martius ex Grisebach = *Spachea tricarpha* Adr. Jussieu
Ref. FP 13(3/3) 1950: 850.

Mezia includens (Benth.) Cuatrecasas
Syn. *Diplopterys includens* (Benth.) Niedenzu, *Diplopterys involuta* (Turczaninow) Niedenzu, *Stenocalyx involuta* Turczaninow, *Tetrapteryx includens* Benth.
Ref. Cuatrecasas, 1958: 450; W. R. Anderson, 1981a: 233.
Liana. Amazonian: terra firme forests. 0-500 m.
Note: The Flora of Peru considered the two cited voucher collections under "*Diplopterys*" *involuta*, *Tessmann 4564* and *4931*, to represent var. *ovata*.
Voucher: Tessmann 4564 (B)
Depts.: LO

Spachea tricarpha Adr. Jussieu
Syn. *Meckelia multiflora* C. Martius ex Grisebach
Ref. FP 13(3/3) 1950: 850; Cuatrecasas, 1958: 546.
Shrub or tree. Amazonian: riversides, seasonally inundated areas, terra firme forests. 0-500 m.
Voucher: Ayala 884 (MO!)
Depts.: LO

Stenocalyx involuta Turczaninow = *Mezia includens* (Benth.) Cuatrecasas
Ref. FP 13(3/3) 1950: 811; Cuatrecasas, 1958: 450; W. R. Anderson, 1981a: 233.

Stigmaphyllon aberrans C. Anderson
Ref. C. Anderson, 1986: 121.
Endemic liana or vine. Andean II: disturbed areas, forests. 1500-2000 m.
Voucher: Woytkowski 6335* (US), Gentry *et al.* 40101 (MO!)
Depts.: JU, PA

Stigmaphyllon adenodon Adr. Jussieu
Syn. *Stigmaphyllon grenadense* Niedenzu, *Stigmaphyllon kuhlmannii* Pilger
Ref. C. Anderson, 1987: 9.
Liana or vine. Amazonian: disturbed areas, forests, riversides, seasonally inundated areas. 0-500 m.
Voucher: Vásquez & Jaramillo 894 (MO!)
Depts.: AM, LO

Stigmaphyllon alternans Triana & Planchon
Ref. Cuatrecasas, 1958: 541; C. Anderson, pers. comm.
Liana. Amazonian: forests, riversides. 0-500 m.
Voucher: Lewis *et al.* 12691 (MO!)
Depts.: LO, SM

Stigmaphyllon argenteum C. Anderson
Ref. C. Anderson, 1992: 302.
Endemic liana. Amazonian, Andean I: disturbed areas, forests. 0-1000 m.
Voucher: Schunke 2018* (COL), Schunke 6530 (MO)
Depts.: HU, JU, LO, PA, SM

Stigmaphyllon bogotense Triana & Planchon
Syn. *Stigmaphyllon bogotense* fo. *renifolium* Niedenzu, *Stigmaphyllon bogotense* var. *subglabratum* (Niedenzu) Niedenzu, *Stigmaphyllon lanuginosum* Niedenzu, *Stigmaphyllon primaevum* Niedenzu, *Stigmaphyllon ruizianum* Niedenzu, *Stigmaphyllon ruizianum* var. *subglabratum* Niedenzu
Ref. FP 13(3/3) 1950: 840; Cuatrecasas, 1958: 522; C. Anderson, pers. comm.
Liana or vine. Andean I-II: forests, riversides. 500-3500 m.
Voucher: Foster *et al.* 7781 (MO!)
Depts.: AM, AY, CA, HU, JU, PA

Stigmaphyllon bogotense fo. *renifolium* Niedenzu = *Stigmaphyllon bogotense* Triana & Planchon
Ref. C. Anderson, pers. comm.

Stigmaphyllon bogotense var. *subglabratum* (Niedenzu) Niedenzu = *Stigmaphyllon bogotense* Triana & Planchon
Ref. C. Anderson, pers. comm.

Stigmaphyllon brachiatum Triana & Planchon = *Stigmaphyllon sinuatum* (DC.) Adr. Jussieu
Ref. FP 13(3/3) 1950: 842; C. Anderson, pers. comm.

Stigmaphyllon cardiophyllum Adr. Jussieu
Ref. FP 13(3/3) 1950: 842.
Liana or vine. Amazonian, Andean I-II: disturbed areas, forests, riversides, seasonally inundated areas, riversides. 0-2000 m.
Voucher: Gentry *et al.* 37633 (MO!)
Depts.: AM, CU, HU, JU, LO, MD, SM, US

[*Stigmaphyllon convolvulifolium* Adr. Jussieu]
Ref. FP 13(3/3) 1950: 842; Gates, 1982: 205; C. Anderson, pers. comm.
Note: Not known from Peru. The voucher cited in the Flora of Peru, *Tessmann 3412*, is *S. cardiophyllum*. Gates (1982: 205) incorrectly lists *Banisteria convolvulifolia* as the basionym of *S. convolvulifolium* (C. Anderson, pers. comm.).

Stigmaphyllon cuzcanum C. Anderson
Ref. C. Anderson, 1992: 304.
Endemic liana. Andean II: disturbed areas, forests. 1500-3000 m.
Note: See note under *S. gayanum*.
Voucher: West 6466* (MO), Núñez & Motocanchi 8751 (MICH)
Depts.: CU

[*Stigmaphyllon dichotomum* (L.) Grisebach]
Syn. *Banisteria convolvulifolia* Cavanilles, *Banisteria dichotoma* L., *Banisteria humboldtianum* DC., *Banisteria tiliifolia* H.B.K. non Ventenat, *Stigmaphyllon humboldtianum* (DC.) Adr. Jussieu, *Stigmaphyllon tiliifolium* (H.B.K.) Niedenzu
Ref. FP 13(3/3) 1950: 849; C. Anderson, pers. comm.
Note: Not known from Peru.

Stigmaphyllon ellipticum (H.B.K.) Adr. Jussieu
Syn. *Banisteria elliptica* H.B.K., *Stigmaphyllon felixii* Cuatrecasas
Ref. FP 13(3/3) 1950: 843; Cuatrecasas, 1958: 530; C. Anderson, pers. comm.
Liana or vine. Andean I-II, Coastal: forests, disturbed areas. 0-2500 m.
Voucher: Llatas 770 (MO!)
Depts.: AM, CA, LA, PI, TU

[*Stigmaphyllon emarginatum* (Cavanilles) Adr. Jussieu]
Syn. *Banisteria emarginata* Cavanilles, *Banisteria fulgens* L.
Ref. Gates, 1982: 205; W. R. Anderson, pers. comm.
Note: Not known from Peru.

Stigmaphyllon felixii Cuatrecasas = *Stigmaphyllon ellipticum* (H.B.K.) Adr. Jussieu
Ref. Cuatrecasas, 1962: 55; C. Anderson, pers. comm.

Stigmaphyllon florosum C. Anderson
Ref. C. Anderson, 1986: 123.

Liana or vine. Amazonian, Andean I: disturbed areas, terra firme forests. 0-1500 m.
Voucher: Hutchison *et al.* 6032* (MICH), Núñez *et al.* 10813 (MO!)
Depts.: HU, JU, LO, MD, SM, UC

Stigmaphyllon fulgens Adr. Jussieu = *Stigmaphyllon sinuatum* (DC.) Adr. Jussieu
Ref. FP 13(3/3) 1950: 844; C. Anderson, pers. comm.
Note: The Flora of Peru uses an incorrect author citation "*Stigmaphyllon fulgens* (Lam.) Juss." and only cites material recognized as var. *maynense* under the species.

Stigmaphyllon fulgens var. *maynense* (Huber) J. F. Macbride = *Stigmaphyllon maynense* Huber
Ref. FP 13(3/3) 1950: 844; C. Anderson, pers. comm.

[*Stigmaphyllon gayanum* Adr. Jussieu]
Ref. FP 13(3/3) 1950: 845.
Note: Not known from Peru. The specimen cited in the Flora of Peru, *Weberbauer 4989*, is redetermined as *Stigmaphyllon cuzcanum* (C. Anderson, 1992).

Stigmaphyllon grenadense Niedenzu = *Stigmaphyllon adenodon* Adr. Jussieu
Ref. C. Anderson, pers. comm.

[*Stigmaphyllon humboldtianum* (DC.) Adr. Jussieu = *Stigmaphyllon dichotomum* (L.) Grisebach]
Ref. Cuatrecasas, 1958: 542; C. Anderson, pers. comm.
Note: Not known from Peru.

Stigmaphyllon kuhlmannii Pilger = *Stigmaphyllon adenodon* Adr. Jussieu
Ref. FP 13(3/3) 1950: 845; C. Anderson, 1987: 9.

Stigmaphyllon lacunosum Adr. Jussieu
Ref. C. Anderson, pers. comm.
Liana. Amazonian: forests, riversides, seasonally inundated areas. 0-500 m.
Voucher: Ayala *et al.* 2618 (MICH)
Depts.: LO

Stigmaphyllon lanuginosum Niedenzu = *Stigmaphyllon bogotense* Triana & Planchon
Ref. C. Anderson, pers. comm.

Stigmaphyllon martianum Adr. Jussieu = *Stigmaphyllon sinuatum* (DC.) Adr. Jussieu
Ref. FP 13(3/3) 1950: 848; C. Anderson, pers. comm.

Stigmaphyllon mathiasiae W. R. Anderson
Syn. *Banisteria cornifolia* var. *seibertii* J. F. Macbride
Ref. W. R. Anderson, 1981b: 3.
Liana. Amazonian: terra firme forests. 0-500 m.

Voucher: Mathias & Taylor 6078* (MO!), Ferreyra 17226 (US)
Depts.: HU, UC

Stigmaphyllon maynense Huber
Syn. *Stigmaphyllon fulgens* var. *maynense* (Huber) J. F. Macbride
Ref. FP 13(3/3) 1950: 844; C. Anderson, pers. comm.
Liana or vine. Amazonian, Andean I: forests. 0-1000 m.
Voucher: Soukup 2211 (F)
Depts.: AM, HU, LO, MD, PA, SM

[*Stigmaphyllon megacarpum* (Vell. Conc.) Grisebach]
Syn. *Banisteria megacarpus* Vell. Conc.
Ref. FP 13(3/3) 1950: 846; C. Anderson, pers. comm.
Note: Not known from Peru.

Stigmaphyllon peruvianum Niedenzu
Ref. FP 13(3/3) 1950: 846.
Endemic liana. Andean I: forests. 500-1000 m.
Voucher: Weberbauer 6216* (GH), Hutchison 1492 (US)
Depts.: CA

Stigmaphyllon primaevum Niedenzu = *Stigmaphyllon bogotense* Triana & Planchon
Ref. FP 13(3/3) 1950: 847; C. Anderson, pers. comm.

Stigmaphyllon puberum (Richard) Adr. Jussieu
Syn. *Banisteria pubera* Richard
Ref. FP 13(3/3) 1950: 847; W. R. Anderson, 1981a: 172.
Vine. Amazonian: seasonally inundated areas, terra firme forests. 0-500 m.
Voucher: Ayala *et al.* 2913 (MO!)
Depts.: HU, LO, SM

[*Stigmaphyllon rotundifolium* Adr. Jussieu]
Ref. FP 13(3/3) 1950: 849; C. Anderson, pers. comm.
Note: Not known from Peru.

Stigmaphyllon ruizianum Niedenzu = *Stigmaphyllon bogotense* Triana & Planchon
Ref. FP 13(3/3) 1950: 840; Cuatrecasas, 1958: 522.

Stigmaphyllon ruizianum var. *subglabratum* Nied. = *Stigmaphyllon bogotense* Triana & Planchon
Ref. C. Anderson, pers. comm.

Stigmaphyllon sarmentosum Cuatrecasas
Ref. Cuatrecasas, 1958: 529; C. Anderson, pers. comm.
Liana. Andean II: disturbed areas, forests, shrublands. 1500-2000 m.
Voucher: Cano 1547 (MICH)
Depts.: PI

Stigmaphyllon sinuatum (DC.) Adr. Jussieu
Syn. *Banisteria sinuata* DC., *Stigmaphyllon brachiatum* Triana & Planchon, *Stigmaphyllon fulgens* Adr.

Jussieu, *Stigmaphyllon martianum* Adr. Jussieu
Ref. C. Anderson, pers. comm.
Liana. Amazonian, Andean I: disturbed areas, forests, riversides. 0-1000 m.
Voucher: Lewis *et al.* 10651 (MO!)
Depts.: AM, HU, LO, SM

Stigmaphyllon strigosum Adr. Jussieu
Ref. FP 13(3/3) 1950: 848.
Liana. Amazonian, Andean I: forests. 0-1000 m.
Voucher: Poeppig 1941* (P)
Depts.: CU, HU, JU, LO, SM

Stigmaphyllon tarapotense C. Anderson
Ref. C. Anderson, 1987: 49.
Endemic vine. Amazonian: savannas, terra firme forests. 0-500 m.
Voucher: Murray & Johnson 1530* (MICH), Belshaw 3239 (MO!)
Depts.: SM

[*Stigmaphyllon tiliifolium* (H.B.K.) Niedenzu = *Stigmaphyllon dichotomum* (L.) Grisebach]
Ref. FP 13(3/3) 1950: 849; C. Anderson, pers. comm.
Note: Not known from Peru. The voucher cited under *Stigmaphyllon "tiliaefolium"* in the Flora of Peru, *Williams 5606*, has been redetermined as *S. alternans* (C. Anderson, pers. comm.).

[*Stigmaphyllon tomentosum* Adr. Jussieu]
Ref. FP 13(3/3) 1950: 846; C. Anderson, pers. comm.
Note: Not known from Peru. Treated as a synonym of *S. megacarpum* in the Flora of Peru.

[*Tetrapteryx acapulcensis* H.B.K.]
Ref. FP 13(3/3) 1950: 801; Cuatrecasas, 1958: 432; W. R. Anderson, pers. comm.
Note: Not known from Peru.

Tetrapteryx benthamiana Grisebach = *Mascagnia benthamiana* (Grisebach) W. R. Anderson
Ref. W. R. Anderson, 1981a: 217.

Tetrapteryx boliviensis Niedenzu
Ref. Cuatrecasas, 1958: 420.
Liana. Amazonian: riversides, seasonally inundated areas, terra firme forests. 0-500 m.

Note: Probably not distinct from *T. styloptera* (W. R. Anderson, pers. comm.).
Voucher: Robertson & Austin 92 (MO!)
Depts.: LO

Tetrapteryx calophylla Adr. Jussieu subsp. *glabrifolia* (Grisebach) Cuatrecasas
Syn. *Tetrapteryx calophylla* var. *glabrifolia* Grisebach, *Tetrapteryx calophylla* var. *glabrior* Benth. ex Niedenzu, *Tetrapteryx glabrifolia* (Grisebach) Small
Ref. FP 13(3/3) 1950: 805; Cuatrecasas, 1958: 430.
Liana. Andean I: forests. 1000-1500 m.

Note: This taxon is treated as a synonym of *T. magnifolia* in the Flora of Peru.
Voucher: Woytkowski 5705 (MO!)
Depts.: CA

Tetrapteryx calophylla var. *glabrifolia* Grisebach = *Tetrapteryx calophylla* subsp. *glabrifolia* (Grisebach) Cuatrecasas
Ref. FP 13(3/3) 1950: 804; Cuatrecasas, 1958: 430.

Tetrapteryx calophylla var. *glabrior* Benth. ex Niedenzu = *Tetrapteryx calophylla* subsp. *glabrifolia* (Grisebach) Cuatrecasas
Ref. FP 13(3/3) 1950: 805; Cuatrecasas, 1958: 430.

[*Tetrapteryx complicata* Miquel]
Ref. FP 13(3/3) 1950: 802; W. R. Anderson, pers. comm.
Note: Not known from Peru.

Tetrapteryx crebriflora Adr. Jussieu = *Tetrapteryx mucronata* Cavanilles
Ref. FP 13(3/3) 1950: 807; W. R. Anderson, pers. comm.

Tetrapteryx crebriflora var. *dubia* Grisebach = *Tetrapteryx mucronata* Cavanilles
Ref. FP 13(3/3) 1950: 807; W. R. Anderson, pers. comm.

Tetrapteryx crispa Adr. Jussieu
Syn. *Tetrapteryx crispa* var. *punicans* J. F. Macbride, *Tetrapteryx peruviana* Morton ex J. F. Macbride
Ref. FP 13(3/3) 1950: 801; Cuatrecasas, 1958: 441; W. R. Anderson, pers. comm.
Liana or shrub. Amazonian, Andean I: riversides, seasonally inundated areas, terra firme forests. 0-1500 m.
Note: Treated as a synonym of *T. acapulcensis* in the Flora of Peru.
Voucher: Schunke 7437 (MO!)
Depts.: LO, MD, SM

Tetrapteryx crispa var. *punicans* J. F. Macbride = *Tetrapteryx crispa* Adr. Jussieu
Ref. FP 13(3/3) 1950: 801; W. R. Anderson, pers. comm.

Tetrapteryx crotonifolia Adr. Jussieu
Syn. *Tetrapteryx phlomoides* var. *crotonifolia* (Adr. Jussieu) Niedenzu
Ref. FP 13(3/3) 1950: 808; W. R. Anderson, pers. comm.
Endemic liana or vine. Andean I: forests. 500-1000 m.
Note: Listed as a synonym of *T. phlomoides* in the Flora of Peru.
Voucher: Mathews 1461* (K)
Depts.: SM

Tetrapteryx crotonifolia Benth. nom. illeg. = *Tetrapteryx jamesonii* Turczaninow
Ref. W. R. Anderson, pers. comm.

Tetrapteryx discolor (G. Meyer) DC.
Syn. *Triopteryx discolor* G. Meyer, *Tetrapteryx discolor* var. *andina* Niedenzu
Ref. FP 13(3/3) 1950: 803; Cuatrecasas, 1958: 439.
Liana. Amazonian, Andean I: disturbed areas, riversides, seasonally inundated areas, terra firme forests. 0-1500 m.
Voucher: Mexia 6401 (MO!)
Depts.: AM, JU, LO, SM, UC

Tetrapteryx discolor var. *andina* Niedenzu = *Tetrapteryx discolor* (G. Meyer) DC.
Ref. FP 13(3/3) 1950: 808; W. R. Anderson, pers. comm.
Note: Treated as a synonym under *T. peruviana* [= *T. crispa*] in the Flora of Peru.

Tetrapteryx fimbripetala Adr. Jussieu
Ref. W. R. Anderson, 1981a: 262.
Liana or vine. Amazonian: forests. 0-500 m.
Voucher: Wallnöfer 11-29688 (MICH)
Depts.: LO

Tetrapteryx glabrifolia (Grisebach) Small = *Tetrapteryx calophylla* subsp. *glabrifolia* (Grisebach) Cuatrecasas
Ref. FP 13(3/3) 1950: 804; Cuatrecasas, 1958: 430.

[*Tetrapteryx guilleminiana* Adr. Jussieu]
Ref. FP 13(3/3) 1950: 804; W. R. Anderson, pers. comm.
Note: Not known from Peru.

Tetrapteryx includens Benth. = *Mezia includens* (Benth.) Cuatrecasas
Ref. FP 13(3/3) 1950: 811; Cuatrecasas, 1958: 450; W. R. Anderson, 1981a: 233.

Tetrapteryx jamesonii Turczaninow
Syn. *Tetrapteryx crotonifolia* Benth. nom. illeg.
Ref. FP 13(3/3) 1950: 804; Cuatrecasas, 1958: 438; W. R. Anderson, pers. comm.
Liana. Andean I-II: forests, disturbed areas, shrublands. 1000-2000 m.
Voucher: López et al. 9019 (MO!)
Depts.: AM, CA

Tetrapteryx jamesonii var. *mortonii* J. F. Macbride = *Tetrapteryx mortonii* (J. F. Macbride) Cuatrecasas
Ref. FP 13(3/3) 1950: 805; Cuatrecasas, 1962: 55.

Tetrapteryx julianii J. F. Macbride = *Dicella julianii* (J. F. Macbride) W. R. Anderson
Ref. FP 13(3/3) 1950: 805; Chase, 1981: 168.

Tetrapteryx magnifolia Ruiz ex Grisebach
Ref. FP 13(3/3) 1950: 805; Cuatrecasas, 1958: 442.
Liana. Amazonian, Andean I: disturbed areas, forests, riversides. 0-1500 m.
Note: Names treated as synonyms in the

Flora of Peru are considered as *T. calophylla*.
Voucher: Ruiz & Pavón s.n.* (B photo F), Vásquez & Jaramillo 7218 (MO!)
Depts.: AM, LO, SM

Tetrapteryx mortonii (J. F. Macbride) Cuatrecasas
Syn. *Tetrapteryx jamesonii* var. *mortonii* J. F. Macbride
Ref. Cuatrecasas, 1962: 55.
Endemic liana. Amazonian: terra firme forests. 0-500 m.
Voucher: Williams 7387* (US), Woytkowski 5636 (MO!)
Depts.: AM, SM

Tetrapteryx mucronata Cavanilles
Syn. *Tetrapteryx crebriflora* Adr. Jussieu, *Tetrapteryx crebriflora* var. *dubia* Grisebach, *Tetrapteryx mucronata* var. *crebriflora* (Adr. Jussieu) J. F. Macbride
Ref. FP 13(3/3) 1950: 806; Cuatrecasas, 1958: 426; W. R. Anderson, pers. comm.
Liana. Amazonian, Andean I: disturbed areas, seasonally inundated areas, terra firme forests. 0-1000 m.
Voucher: Vásquez & Jaramillo 7645 (MO!)
Depts.: LO

Tetrapteryx mucronata var. *crebriflora* (Adr. Jussieu) J. F. Macbride = *Tetrapteryx mucronata* Cavanilles
Ref. FP 13(3/3) 1950: 807; Cuatrecasas, 1958: 427; W. R. Anderson, pers. comm.

Tetrapteryx multiglandulosa Adr. Jussieu var. *peruviana* Niedenzu
Ref. FP 13(3/3) 1950: 808.
Endemic liana. Andean I: forests. 1000-1500 m.
Voucher: Weberbauer 1125* (B photo F), Woytkowski 7333 (MO!)
Depts.: PA, PU

Tetrapteryx ovalifolia Grisebach
Ref. FP 13(3/3) 1950: 803; Cuatrecasas, 1958: 440.
Liana. Amazonian: forest. 0-500 m.
Note: The Peruvian specimens cited by Niedenzu (1928: 204) have not been redetermined, and the identity of the species and its presence in Peru are open to doubt (W. R. Anderson, pers. comm.).
Voucher: Tessmann 4268 (B)
Depts.: LO

Tetrapteryx pallida Cuatrecasas
Ref. Cuatrecasas, 1958: 443.
Liana. Amazonian: riversides, terra firme forests. 0-500 m.
Voucher: Encarnación 988 (MO!)
Depts.: LO

Tetrapteryx peruviana Morton ex J. F. Macbride = *Tetrapteryx crispa* Adr. Jussieu
Ref. FP 13(3/3) 1950: 808; W. R. Anderson, pers. comm.

[*Tetrapteryx phlomoides* (Sprengel) Niedenzu]
Syn. *Banisteria cordata* Vell. Conc., *Byrsonima phlomoides* (Sprengel) G. Don, *Malpighia phlomoides* Sprengel, *Tetrapteryx rotundifolia* Adr. Jussieu
Ref. FP 13(3/3) 1950: 808; W. R. Anderson, pers. comm.
Note: Not known from Peru.

Tetrapteryx phlomoides var. *crotonifolia* (Adr. Jussieu) Niedenzu = *Tetrapteryx crotonifolia* Adr. Jussieu
Ref. FP 13(3/3) 1950: 809; W. R. Anderson, pers. comm.

Tetrapteryx poeppigiana (Adr. Jussieu) Grisebach = *Mascagnia poeppigiana* (Adr. Jussieu) W. R. Anderson
Ref. FP 13(3/3) 1950: 809; W. R. Anderson, 1981a: 219.

[*Tetrapteryx rotundifolia* Adr. Jussieu = *Tetrapteryx phlomoides* (Sprengel) Niedenzu]
Ref. FP 13(3/3) 1950: 808.
Note: Not known from Peru.

Tetrapteryx squarrosa (Grisebach) Grisebach = *Tetrapteryx styloptera* Adr. Jussieu
Ref. FP 13(3/3) 1950: 802; W. R. Anderson, 1981a: 256.
Note: Treated as a synonym of *T. complicata* Miquel in the Flora of Peru.

Tetrapteryx stipulacea J. F. Macbride
Ref. FP 13(3/3) 1950: 810.
Endemic liana. Amazonian: terra firme forests. 0-500 m.
Note: Known from Peru only from the type locality.
Voucher: Klug 2789* (F)
Depts.: LO

Tetrapteryx styloptera Adr. Jussieu
Syn. *Bunchosia squarrosa* Grisebach, *Tetrapteryx squarrosa* (Grisebach) Grisebach
Ref. FP 13(3/3) 1950: 810; W. R. Anderson, 1981a: 256.
Liana or vine. Amazonian, Andean I: riversides, seasonally inundated areas, terra firme forests. 0-1000 m.
Voucher: Mathews 1464* (P), Revilla 366 (MO!)
Depts.: LO, SM

[*Thryallis glauca* (Cavanilles) Kuntze = *Galphimia glauca* Cavanilles]
Ref. FP 13(3/3) 1950: 851.
Note: Not known from Peru.

Thryallis gracilis (Bartling) Kuntze = *Galphimia gracilis* Bartling
Ref. FP 13(3/3) 1950: 851; Cuatrecasas, 1958: 550.

[*Thryallis macroptera* C. Martius = *Dicella macroptera* Adr. Jussieu]
Ref. FP 13(3/3) 1950: 862; Chase, 1981: 168.

Triopteryx discolor G. Meyer = *Tetrapteryx discolor* (G. Meyer) DC.
Ref. FP 13(3/3) 1950: 803; Cuatrecasas, 1958: 439.

Triopteryx reclinata (Jacquin) Cavanilles = *Hiraea reclinata* Jacquin
Ref. Cuatrecasas, 1958: 405.