ADDITIONAL NOTES ON THE GENUS *PRIVA*. X

Harold N. Moldenke

PRIVA Adans.

Additional & emended bibliography: Brongn., Enum. Gen. Pl., ed. 1, 65. 1843; Walp., Repert. Bot. Syst. 6: 687. 1847; Brongn., Enum. Gen. Pl., ed. 2, 119. 1850; Briq. in Engl. & Prantl, Nat. Pflanzenfam., ed. 1, 4 (3a): 133, 137, 139, 142--144, 153, & 155, fig. 59 E. 1895; Mold., Phytologia 49: 58--64. 1981.

PRIVA ASPERA H.B.K.

Additional bibliography: Walp., Repert. Bot. Syst. 6: 687. 1847; Mold., Phytologia 49: 61. 1981.

PRIVA GRANDIFLORA (Ort.) Mold.

Additional bibliography: Mold., Phytologia 49: 63. 1981.

Miranda encountered this plant in pine woods and pedregal.

Additional citations: MEXICO: Distrito Federal: *Miranda* 712 (Me--74094). México: *Miranda* 449 (Me--94095).

PRIVA LAPPULACEA (L.) Pers.

Additional bibliography: Briq. in Engl. & Prantl, Nat. Pflanzenfam., ed. 1, 4 (3a): 143. 1895; Mold., Phytologia 49: 61 & 63. 1981.

The *Cuatrecasas* & *Castañeda* 25521 and *Proctor* 3341, distributed as typical *P. lappulacea*, actually represent f. *albiflora* Mold., while *Daniel* 5639 (at least insofar as the United States National Herbarium specimen is concerned) is not verbenaceous.

Additional citations: NICARAGUA: Estelí: W. D. Stevens 2603 (Ld), 9082 (Ld). León: W. D. Stevens 4693 (Ld). Managua: W. D. Stevens 2650 (Ld), 2895 (Ld), 3433 (Ld). Masaya: Araquistain 234 (Ld); Vincelli 772 (Ld). Matagalpa: W. D. Stevens 9380 (Ld). Rivas: W. D. Stevens 3777 (Ld). PANAMA: Panama: Croat 34678 (W--2846392). COLOMBIA: Chocó: Forero, Jaramillo, León, & Forero P. 1902 (N), VENEZUELA: Lara: Steyermark & Espinoza 108774 (N). GALAPAGOS ISLANDS: Santa Cruz: Fournier 207 (W--2853561). PERU: Madre de Dios: Foster, Foster, Brokaw, & Brokaw 3307 (W--2888882). BRAZIL: Amazonas: Lasseigne P.21182 (N).

PRIVA LAPPULACEA f. *ALBIFLORA* Mold.

Additional bibliography: Lopez-Palacios, Revist. Fac. Farm. Univ. Andes 20: 30. 1979; Mold., Phytologia 44: 98, 102, & 104--105. 1979; Mold., Phytol. Mem. 2: 50, 66, 74, 78, 79, 84, 101, 111, 118, 123, 129, 131, & 573. 1980.

Recent collectors refer to this plant as an herb with weak stems to 1 m. long, yellow anthers, and the fruit green with a fruiting-calyx easily attaching itself to the passerby, and have encountered it at the upper edge of a potrero as well as on wooded islets on slightly elevated ground in savannas "visited in part by cattle", in shade along roadsides, in coffee plantations,

on steep uncultivated slopes of soft volcanic rock, in weedy *Panicum maximum* pastures on neutral to slightly calcareous soil "of coluvial origin", and "occasional along stony paths", at 80--1050 m. altitude, flowering and fruiting in April and from September to November. The corollas are said to have been "white with purple lines" on *Hinton* 17664 and "white, pink-veiny" on *Chrostowski* 69-132. The vernacular name, "yerba amarosa", is reported.

Material of this form has been misidentified and distributed in some herbaria as the typical form and also as *P. mexicana* (L.) Pers. Calderón reports the vernacular name, "cadillo de bolita".

Additional citations: MEXICO: Nuevo León: *Hinton* 17664 (Au). Oaxaca: *Calderón* 24 (Au, N). NICARAGUA: Estelí: *Stevens & Arquistain* 14942 (Ld). Managua: *W. D. Stevens* 3922 (Ld). NORTHERN SOUTH AMERICAN ISLANDS: San Andres: *Proctor* 3341 (W--1979220). COLOMBIA: Guajira: *Cuatrecasas & Romero Castaneda* 25521 (W-2342058). Magdalena: *Kirkbride* 2528 (W--2835048). GUYANA: *Maas & Westra* 4109 (Ld). PERU: San Martín: *Chrostowski* 69-132 (Ws).

PRIVA MEXICANA (L.) Pers.

Additional & emended bibliography: J. F. Gmel. in L., *Syst. Nat.*, ed. 13, imp. 1, 2: 41. 1791; Poir. in Lam., *Tabl. Encycl. Méth. Bot.* [Illustr. Gen.] 1: 59 & 60. 1791; Loud., *Hort. Brit.*, ed. 1, 246. 1830; Schlecht. & Cham., *Linnaea* 5: 98--99. 1830; Loud., *Hort. Brit.*, ed. 2, 246. 1832; G. Don in Loud., *Hort. Brit.*, ed. 3, 247. 1839; G. Don in Sweet, *Hort. Brit.*, ed. 3, 552. 1839; Steud., *Nom. Bot. Phan.*, ed. 2, 2: 397 & 750. 1841; D. Dietr., *Syn. Pl.* 3: 606. 1843; H. N. & A. L. Mold., *Pl. Life* 2: 33. 1948; Mold., *Phytologia* 44: 102 & 105--108. 1979; Mold., *Phytol. Mem.* 2: 54, 66, 73, 76, 94, 102, 359, 451, 462, & 573. 1980.

Arguelles reports finding this plant growing along with *Alnus*, *Fraxinus*, *Litsea*, *Taxodium*, *Quercus*, *Salvia*, and various composites. Ventura reports the stamens white, the corollas lilac, and the fruit green, and the species scarce at 2400 m. altitude.

Material of this species has been misidentified and distributed in some herbaria as *Verbena* sp. On the other hand, the *Hinton* 17664, distributed as *P. mexicana*, actually is *P. lappulacea* f. *albiflora* Mold.

Additional citations: MEXICO: Distrito Federal: *Miranda* 311 (Me--74098); *Ventura A.* 3031 (N). Hidalgo: *Ventura A.* 1651 (Me--275718). México: *Hinton* 18010 (Au). Querétaro: *Arguelles* 1299 (Me--275938).

PRIVA MEYERI Jaub. & Spach

Additional bibliography: C. Muell. in Walp., *Ann. Bot. Syst.* 5: 705. 1860; Vierh., K. Akad. Wiss. Wien Denkschr. 71: 114 [434]. 1907; H. N. & A. L. Mold., *Pl. Life* 2: 72. 1948; Mold., *Phytologia* 44: 92 & 108--109. 1979; Mold., *Phytologia Mem.* 2: 201, 224, 228, 238, 241, 242, 244, 246, & 573. 1980; Mold., *Phytologia* 49: 62. 1981.

Recent collectors have found this plant at 1600 m. altitude, in

flower and fruit in February.

The *Dahlstrand 1638*, distributed as *P. meyeri*, actually is *P. cordifolia* var. *australis* Mold.

Additional citations: SOUTH AFRICA: Cape Province: *Drège a* [Mo. Bot. Gard. photo 866 in part] (Z--photo of cotype). Natal: *Collector undetermined 2202* [Mo. Bot. Gard. photo A.866 in part] (Z--photo). Transvaal: *Dahlstrand 1505* (Go).

PRIVA MEYERI var. *MADAGASCARIENSIS* Mold.

Additional bibliography: Mold., *Phytologia* 44: 109. 1979; Mold., *Phytol. Mem.* 2: 251 & 573. 1980.

PRIVA PEDICELLATA Mold.

Additional bibliography: Mold., *Phytologia* 44: 109--110. 1979; Mold., *Phytol. Mem.* 2: 273 & 573. 1980.

PRIVA PERUVIANA Mold.

Additional bibliography: Mold., *Phytologia* 44: 110. 1979; Mold., *Phytol. Mem.* 2: 135 & 573. 1980.

Recent collectors have encountered this plant on alluvial soil in clearings in mature forests, flowering and fruiting in October, describing it as an herb with green fruit. The corollas are said to have been "white" on the collection cited below.

Additional citations: PERU: Madre de Dios: *Gentry, Aronson, & Ramirez 26928* (Z).

PRIVA PORTORICENSIS Urb.

Additional bibliography: Mold., *Phytologia* 44: 110. 1979; Mold., *Phytol. Mem.* 2: 98 & 573. 1980.

PRIVA SOCOTRANA Mold.

Additional & emended bibliography: Balf. f., *Trans. Roy. Soc. Edinb.* 31: [Bot. Socotra] 232--233. 1888; Vierh., *K. Akad. Wiss. Wien Denkschr.* 71: 114 [434]. 1907; Mold., *Phytologia* 44: 110. 1979; Mold., *Phytol. Mem.* 2: 253 & 573. 1980.

ADDITIONAL NOTES ON THE GENUS *VITEX*. XX

Harold N. Moldenke

VITEX Tourn.

Additional & emended bibliography: P. Herm., *Mus. Zeyl.*, ed. 1, 47. 1717; L., *Fl. Zeyl.*, imp. 2, 194--195. 1748; P. Browne in Sloane, *Civil Nat. Hist. Jamaic.*, ed. 1, 267. 1756; Kwa-wi [transl. Savatier], *Arbor.* 4: pl. 1. 1789; P. Browne in Sloane, *Civil Nat. Hist. Jamaic.*, ed. 2, 267. 1789; Wall. in Roxb., *Fl. Ind.*, ed. 1, imp. 1, 1: 481--482. 1820; Roxb., *Fl. Ind.*, ed. 1, imp. 1, 3: 70 & 71. 1824; Cham., *Linnaea* 7: 107--109, 371--375,

Moldenke, Harold N. 1981. "Additional notes on the genus *Priva*. X." *Phytologia* 49, 159–161. <https://doi.org/10.5962/bhl.part.16907>.

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