

isotype, Mi--isotype).

ADDITIONAL NOTES ON THE GENUS PETREA. V

Harold N. Moldenke

PETREA Houst.

Additional and emended synonymy: Petraea L. apud A. L. Juss., Gen. Pl., ed. 1, 108. 1789. Petrea L. ex Steud., Nom. Bot., ed. 1, 606. 1821. Petraea Houst. ex Meisn., Pl. Vasc. Gen. 291. 1839. Petraeae L. apud Augusto, Fl. Rio Grande do Sul 227, sphalm. 1946. Petrae Nees apud F. C. Hoehne, Relat. Anual Inst. Bot. São Paulo 1951: 100, sphalm. 1955.

Additional and corrected literature: L., Hort. Cliff. 319. 1737; L., Sp. Pl., ed. 1, 626. 1753; L., Gen. Pl., ed. 5, 275. 1754; Jacq., Select. Stirp. Amer. Hist. 180--181, pl. 114. 1763; Jacq., Select. Stirp. Amer. Hist. Picta pl. 173. 1780; Houst., Reliq. 5: pl. 11. 1781; A. L. Juss., Gen. Pl., ed. 1, 108 (1789) and ed. 2, 121. 1791; Gaertn., Fruct. & Sem. Pl. 2: 471, pl. 177, fig. 5. 1791; Jacq., Icon. Select. Stirp. Amer. pl. 114. 1797; Curtis, Bot. Mag. 17: pl. 628. 1803; Mirb., Hist. Nat. Pl. 15: pl. 104. 1805; Joh. Kerner, Hort. Semperv. pl. 151. 1805; J. E. Sm. in Rees, Cycl. 27, no. 2. 1814; H.B.K., Nov. Gen. & Sp. Pl. 2: 282--283. 1818; Nees, Flora 4 (1): 300 & 330. 1821; Steud., Nom. Bot., ed. 1, 606. 1821; Schrad., Götting. Gel. Anz. 1821 (2): 712. 1821; Wied-Neuwied, Reise Brasil. 1: 358 & 2: 342. 1821; Lodd., Bot. Cab. 8: pl. 736. 1823; Nees, Nov. Act. Physico-med. Acad. Caes. Leopold.-Car. Nat. Cur. 11: 72--73. 1823; Spreng. in L., Syst. Veg., ed. 16, 2: 761. 1825; Vell., Fl. Flum. 254 (1825) and Icon. 6: pl. 59. 1827; Cham., Linnaea 4: 292. 1829; Lodd., Bot. Cab. 17: pl. 1606. 1830; Cham., Linnaea 7: 367--370. 1832; Geél, Sert. Bot. 3: cl. 14. 1832; Richter, Linn. Op. 604. 1835; Endl., Gen. Pl. 1: 636. 1838; Neumann, Ann. Fl. Pom. 1837-1838: 254--255, pl. 32. 1838; Paxt., Mag. Bot. 4: 199--200. 1838; Benth., Ann. Nat. Hist., ser. 1, 2: 448. 1839; Meisn., Pl. Vasc. Gen. 291. 1839; Richter, Cod. Linn. 604. 1840; Knowles & Westc., Floral Cab. 3: 70, pl. 108. 1840; Steud., Nom. Bot., ed. 2, 2: 309. 1841; Steud., Flora 26: 764. 1843; Presl, Bot. Bemerk. 99. 1844; Mart. & Gal., Bull. Acad. Roy. Brux. 11 (2): 328--329. 1844; Walp., Repert. 4: 70. 1845; Benth., Pl. Hartw. 246. 1846; Schau. in A. DC., Prodr. 11: 616--620. 1847; Miq., Stirp. Surinam. [Nat. Verh. Holl. Maatsch. Wet. Haarlem, ser. 2, 7:] pl. 42. 1850; Schau. in Mart., Fl. Brasil. 9: 272--277 & 307, pl. 45 & 46. 1851; Benth., Pl. Hartw. 358. 1857; Griseb., Abhand. König. Gesell. Wissen. Götting. 7: 256. 1857; Hérincq, Hortic. Franç. 1858: pl. 6. 1858; Griseb., Fl. Brit. West Ind. 498. 1861; Kttingsh., Blatt-Skel. Dikot. 79, pl. 28,

fig. 3. 1861; Bocq., *Adansonia* 2 [Rev. Verbenac.]: 19 (1862) and 3 [Rev. Verbenac.]: 154, pl. 20. 1863; Turcz., Bull. Soc. Nat. Imp. Mosc. 36 (2): 211--212. 1863; Ettingsh., Denkschr. Akad. Wiss. Wien 28: 219 [Foss. Fl. Bilin 2: 31], pl. 37, fig. 18. 1868; Journ. Bot. 1877: 107--108. 1877; The Garden 12: 40--41. 1877; Bárcena, Notic. Cient. Estad. Hídalgo. 31--32. 1877; Lowis, Familiar Ind. Fl. pl. 6. 1878; Journ. Hort., ser. 3, 7: 53. 1883; Lesq., Rep. U. S. Geol. Surv. Terr. 8: 192. 1883; Wittm., Garten-Zeit. Berlin 3: 277. 1884; Forbes, Wand. Nat. East. Arch. 2: 78--79, 497, & 514. 1885; Baill., Hist. Pl. 11: 80, fig. 78--81. 1891; Norton, Brazil. Fl. pl. 49. 1893; Bois, Dict. Hort. 944. 1893--1899; Jacks., Ind. Kew. 2: 477--478. 1894; Briq. in Engl. & Prantl, Nat. Pflanzenfam. 4 (3a): 157--158, fig. 60 k & l. 1894; Millsp., Field Columb. Mus. Publ. Bot. 1: 42. 1895; Jacks., Attempt Ascertain Dates Publ. Rees Cycl. 1895; H. H. Rusby, Mem. Torrey Bot. Club 6: 106. 1896; Millsp., Field Columb. Mus. Publ. Bot. 1: 317 (1896) & 387. 1898; H. H. Rusby, Bull. Torrey Bot. Club 27: 81. 1900; Oliv. & Mill. in L. H. Bailey, Cycl. Amer. Hort. 4: 1284. 1901; Urb., Symb. Ant. 3: 47--48. 1902; Millsp. & Loes. in Engl., Bot. Jahrb. 36: Beibl. 80: 26. 1905; Gard. Chron., ser. 3, 39: 24 & 25, fig. 15. 1906; Huber, Bol. Mus. Para. 4: 602. 1906; Pulle, Enum. Pl. Surinam. 402--403. 1906; Journ. Hort., ser. 3, 54: 390. 1907; Cockerell, Bull. Am. Mus. Nat. Hist. 24: 104, pl. 10, fig. 39. 1908; Hayek, Denkschr. Kaiser. Akad. Wissen. Math.-nat. 79 (1): 296. 1908; Trop. Agric. 33, no. 1, frontispiece. 1909; Gard. Chron. 45: 252. 1909; Velenovsky, Vergl. Morphol. Pfl. 3: 923 & 1194, pl. 9, fig. 25. 1910; Buchtien, Contr. Fl. Bolivia 1: 166. 1910; Engl. & Drude, Veget. Erde 9 (1): 428. 1910; Queensland Agric. Journ. 27: pl. 24. 1911; Cockerell, Torreya 11: 235, fig. 1. 1911; Gard. Chron., ser. 3, 51: 287. 1912; Prain, Ind. Kew. Suppl. 4: 177. 1913; Bryan, Nat. Hist. Hawaii, pl. 68, fig. 1. 1915; L. H. Bailey, Stand. Cycl. Hort. 5: 2562. 1916; E. D. Merr., Interpret. Rumph. Herb. Amb. 453. 1917; Britton, Fl. Bermuda 320. 1918; H. J. Lam, Verbenac. Malay. Arch., addenda. 1919; Glück, Blatt- & Blütenmorphol. Stud. 382. 1919; H. F. MacMillan, Handb. Trop. Gard. & Plant., ed. 1, 290. 1920; Rehnelt, Gartenwelt 28: 367. 1924; Standl., Contrib. U. S. Nat. Herb. 23: 1237. 1924; Britton & P. Wils., Scient. Surv. Porto Rico 6: 152. 1925; Pittier, Bol. Cienc. & Tecn. Mus. Com. Venez. 1: 70. 1925; H. F. MacMillan, Handb. Trop. Gard. & Plant., ed. 3, 126 & 128. 1925; Jordahn, Gard. Chron. Amer. 30: 171. 1926; Nessel, Gartenfl. 75: 321--322. 1926; Britton & P. Wils., Scient. Surv. Porto Rico 6: 370. 1926; Correa, Diccion. Pl. Uteis Brasil 1: 502. 1926; R. O. Williams, Guide Royal Bot. Gard. Trin. 6, 11, & 15. 1927; H. H. Rusby, Mem. N. Y. Bot. Gard. 7: 338. 1927; Standl., Contrib. U. S. Nat. Herb. 27: 321--322. 1928; Freeman & Williams, Useful & Orn. Pl. Trin. 126--127. 1928; J. A. Clark, Card Index issue 116. 1928; Sprague, Kew Bull. 1928: 349. 1928; Hill, Ind. Kew. Suppl. 7: 183. 1929; Seymour, Host Ind. Fungi N. Am. 588--589. 1929; Standl., Field Mus. Publ. Bot. 3: 403. 1930; Britton & P. Wils., Scient. Surv. Porto Rico 6: 640. 1930; Stapf, Ind. Lond. 5: 39. 1931; Ducke, Bull. Mus. Hist. Nat. Paris, sér. 2, 4: 748--749.

1932; Standl., Field Mus. Publ. Bot. 11: 140. 1932; Moldenke, Phytologia 1: 17. 1933; Grey & Hubbard, List Pl. Bot. Gard. Atkins Inst. 157. 1933; Ducke, Archiv. Jard. Bot. Rio de Jan. 6: 87--88. 1933; Hill, Ind. Kew. Suppl. 8: 178. 1933; LeCointe, Amaz. Brasil. III Arv. & Pl. Uteis 169 & 470. 1934; Crevost & Pételot, Bull. Econ. Indo-chine 37: 1289. 1934; Junell, Symb. Bot. Upsal. 4: 43-46 & 207, fig. 80--86. 1934; Frey-Wyssling, Stoddaus. Hüh. Pfl. 189 & 216. 1935; Catologo Quinta Perez Estr. San Pedro Sula 30. 1935; Potbury, Carnegie Inst. Wash. Publ. 465: 35, 36, & 79, pl. 14, fig. 3. 1935; N. K. Gould, Journ. Roy. Hort. Soc. Lond. 61: 519. 1936; Gard. Chron., ser. 3, 102: 42. 1937; Lundell, Carnegie Inst. Wash. Publ. 478: [Veget. Petén] 75, 146, & 183. 1937; Moldenke, Revist. Sudam. Bot. 5: 2. 1937; Martyn, Ind. Phan. Jenman Herb. 464--465, mss. 1937; Phelps, Bull. Garden Club Amer., ser. 6, 2: 11. 1937; Standl., Field Mus. Publ. Bot. 18: 1011--1012. 1938; Dahlgren, Svensk Bot. Tidsskr. 32: 231. 1938; Hill, Ind. Kew. Suppl. 9: 209. 1938; Woodward, Journ. N. Y. Bot. Gard. 39: 118. 1938; Moldenke, Lilloa 4: 307--309. 1939; Moldenke, Annot. List 108. 1939; Moldenke, Alph. List Common Names 1, 4, 6--9, 12, 15, 17, 19, 23, 25--28, 30, 31, & 33. 1939; Moldenke, Geogr. Distrib. Avicenn. 1, 5, 6, 8--12, 14--22, 24, 26, 28, 33, 34, 39, & 41. 1939; Pittier, Supl. Plant. Usual. Venez. 55. 1939; Moldenke, Phytologia 1: 469--470. 1940; Moldenke, Suppl. List Common Names 17 & 23. 1940; Moldenke, Carnegie Inst. Wash. Publ. 522: 148, 187--190, & 219--223. 1940; Moldenke in Pulle, Fl. Surin. 4 (2): 259 & 286--290. 1940; Hoehne, Kuhlmann, & Handro, Jard. Bot. São Paulo 578. 1941; Calderón & Standl., Fl. Salvador., ed. 2, 238. 1941; Worsdell, Ind. Lond. Suppl. 2: 214. 1941; M. Kuhlmann, Instit. Bot. Observ. Ger. Contrib. 2: 65 and 5: 20 & VI. 1942; Sampaio & Peckolt, Arquiv. Mus. Nac. Rio de Jan. 37: 375. 1943; H. F. MacMillan, Trop. Plant. & Gard., ed. 5, 122. 1943; Stellfeld, Trib. Farmac. [Vellozia] 12: 55, 62, & 102. 1944; Darlington & Janaki Ammal, Chromosome Atlas 271. 1945; E. D. Merr., Plant Life Pacif. 161, 170, & 274. 1945; LeCointe, Estad. Para 248 & 251. 1945; Menninger, Introd. Offer Flow. Trees Coll. [2]. 1946; Menninger, 1947 Cat. Flow. Trees 43. 1946; Augusto, Fl. Rio Grande do Sul 227. 1946; N. Y. World-Telegram, April 5, 1946, p. 17. 1946; Moldenke, Alph. List Cit. 1: 3--5, 8--17, 21--23, 29, 30, 32, 35--40, 42, 43, 45, 50, 51, 53, 54, 56--60, 62, 65, 67--70, 72--74, 76--79, 82, 88--91, 97, 98, 102, 105--107, 112--114, 116--119, 121--123, 128--131, 135, 136, 141, 142, 144, 148, 153, 154, 157, 161, 163, 166--173, 177, 179, 180, 184, 187, 189, 190, 192--198, 201, 204--206, 208--210, 212, 213, 215, 217, 218, 220, 222, 223, 226, 227, 229, 231, 232, 234, 236, 238--241, 244, 246, 249, 251--255, 259, 261, 262, 265--274, 276, 277, 286, 287, 289, 290, 297--299, 301--309, 312, 315--319, & 321--324. 1946; Moldenke, Phytologia 2: 171--184 & 195--198. 1946; Kuhlmann & Kühn, Flor. Dist. Ibiti 116 & 181--182. 1947; E. J. Salisb., Ind. Kew. Suppl. 10: 168. 1947; Hodge, Revist. Fac. Nat. Agron. 7: 313. 1947; Daniel, Verb. Cent. Antioq. 5. 1947; Falcão, Guia Visitant. Jard. Bot. Rio de Jan. 20 & 42. 1947; E. H. Walker, Contrib. U. S. Nat. Herb. 30: 402. 1947; Beltrán, Cat. Sem. Hort. Bot. Univ.

Valent. 1948: 26. 1948; Moldenke, *Phytologia* 2: 499--502. 1948; H. S. Gentry, *Allan Hancock Atl. Exped. Rep.* 6: 33. 1948; H. N. & A. L. Moldenke, *Pl. Life* 2: 16, 18, 20--24, 28, 31, 42, 48, 51, 52, 57, 61, 67, 71, 76, 82, 85, & 92. 1948; Moldenke, *Alph. List Cit.* 2: 327--337, 339, 340, 342--355, 358--360, 362--365, 367--370, 384, 390, 393, 401, 402, 408--412, 414, 415, 417, 423--429, 431, 432, 434--436, 438, 439, 443--446, 449, 459, 462, 466, 482, 484--487, 489--491, 495, 496, 498--503, 507, 510, 524, 528, 530, 531, 533, 535--538, 543, 544, 550--552, 554, 556--559, 561--565, 567, 569, 571--574, 577, 580--582, 587, 588, 593, 601--607, 610, 611, 613, 615--617, 620--624, 631, 633, 640--645, 648, & 649 (1948), 3: 653, 655, 656, 658, 659, 663, 664, 666, 668, 669, 672, 673, 675--677, 679, 684, 687, 690, 692, 695, 696, 701--703, 707--712, 714, 718, 722--727, 730, 731, 736, 740, 742, 743, 748--751, 755, 757--759, 765, 768, 770--774, 776, 778--780, 782--784, 786, 787, 795, 801--803, 805, 808--810, 814, 815, 817--830, 832--835, 837--840, 842, 845, 847--849, 852--855, 865, 866, 871, 876, 877, 879--881, 883--885, 888--895, 900--902, 904--907, 911, 912, 915, 918--920, 922, 923, 926, 931, 934, 936, 945--949, 951, 952, 954--962, 964, 965, 967--969, 973, 974, 976, & 977 (1949), and 4: 979, 980, 982, 983, 986, 988, 993, 994, 1001, 1003--1008, 1010, 1012--1015, 1017--1019, 1021--1026, 1028--1037, 1039--1044, 1046--1057, 1060, 1062, 1063, 1065--1067, 1069--1075, 1077, 1079--1082, 1084, 1086, 1087, 1093, 1094, 1096--1098, 1105, 1106, 1109, 1111, 1113--1115, 1117--1120, 1123--1125, 1130, 1131, 1133, 1135, 1137, 1141, 1146, 1147, 1149, 1151, 1170, 1186, 1187, 1193, 1204, 1211, 1216, 1219, 1220, 1222, 1229, 1231, 1232, 1236, 1246, 1253, 1254, 1275, 1288, 1294, 1295, & 1301. 1949; Occhioni, *Lilloa* 17: 484. 1949; W. L. Phillips, *Cat. Pl. Fairchild Trop. Gard.* 33. 1949; Moldenke, *Known Geogr. Distrib. Verbenac.*, [ed. 2], 31, 35--39, 41, 44, 47--49, 54, 57, 61, 64, 66--68, 70, 73, 89, 97, 99, 142, 144, 145, 147, 162, & 166. 1949; H. N. & A. L. Moldenke, *Anal. Inst. Biol. Mex.* 20: 10. 1949; R. Espinosa, *Est. Bot. Sur Ecuad.* 2: 67. 1949; Matuda, *Am. Midl. Nat.* 44: 576. 1950; Stellfeld, *Trib. Farmac. [Vellozia]* 19 (10): 169 & 172. 1951; *Anal. Inst. Biol. Mex.* 22: 421. 1951; F. C. Hoehne, *Ind. Bibl. & Num. Pl. Col. Com. Rondon* 349. 1951; F. Miranda, *Veget. Chiapas* 1: 255--256. 1952; Mac Ginitie, *Carnegie Inst. Wash. Publ.* 599: 18, 39, 158, 168, & 194, pl. 51, fig. 4, & pl. 74, fig. 5. 1953; Menninger, 1953 *Cat. Flow. Trop. Trees* 59. 1953; Roig, *Dicc. Bot.* 1: 764 and 2: 1077. 1953; Menninger, 1954 *Price List* 5 & [11] (1954) and 1955 *Price List* 12. 1954; *Biol. Abstr.* 28: 3533. 1954; Lombardo, *Invent. Pl. Cult. Montevid.* 176 & 248. 1954; Moldenke, *Mem. N. Y. Bot. Gard.* 9: 177. 1955; M. Kuhlmann, *Flores do Brasil* 2: 1 & 30. 1955; F. C. Hoehne, *Relat. Anual Inst. Bot. São Paulo* 1951: 100. 1955; Bravo Hollis, *Bol. Soc. Bot. Mex.* 18: 20. 1955; Bravo Hollis, *Anal. Inst. Biol. Mex.* 26 (2): 295. 1955; Moldenke in Cheesman, *Fl. Trin. & Tob.* 2 (6): 383 & 399--400 [repr. 1 & 18--19]. 1955; Estrada, *Rev. Soc. Cub. Bot.* 12: [89]. 1955; Menninger, 1956 *Price List* [1] & [7]. 1955; Moldenke, *Phytologia* 5: 154--159. 1955; *Biota* 1: 180 & 210. 1956; Alain in León & Alain, *Fl. Cuba* 4: 279

& 297--298, fig. 128. 1957; Santapau, Fl. Purandhar 103--104. 1957; Menninger, 1957 Price List [6] & [9]. 1957; Menninger, 1958 Price List [5] & [7]. 1958; Moldenke, Phytologia 6: 242. 1958; Menninger, 1959 Price List [4] & [6]. 1958; Moldenke, Résumé 37, 42--45, 47, 48, 52, 55, 57, 58, 60--63, 68, 72, 73, 76--78, 80, 84, 103, 104, 114, 117, 163, 170, 184, 187, 188, 190, 192, 197, 220, 221, 226, 234, 240, 249, 285, 329--333, 335, 357, 407, 415, 418, 422, 424, & 464. 1959; Moldenke, Résumé Suppl. 1: 5. 1959; Angely, Pl. Paran. 15: 12 & 24 (1960) and 16: 68. 1960; Rennó, Levant. Herb. Inst. Agron. Minas 150. 1960; Menninger, 1960 Price List Flow. Trees [10]. 1960.

Estrada records the common name "petrea" for members of this genus in Cuba, and Daniel records "pluma de reina" for them in Antioquia, Colombia. The Vogl 1520 distributed to herbaria as a Petrea is actually Tetrapteris discolor (G. F. W. Mey.) DC. in the Malpighiaceae.

On pages 2 and 12 of my original monograph of Petrea (1934) I gave "1895" as the date of publication of Engl. & Prantl, Nat. Pflanzenfam. 4 (3a): 158, but the date apparently should be "1894". Similarly, on pages 2, 22, 28, 32, 33, 36, 161, 179, 180, 182, 204, and 206 I dated Jacks., Ind. Kew. 2: 477--478 as "1895" when it should have been "1894" instead.

For full explanation of the abbreviations employed herein for the names of the 255 herbaria whose material has been examined, in whole or in part, will be found in Phytologia 5: 154--159 (1955), 6: 242 (1958), and 7: 91--92 (1959), 123--124 (1960), and 293 (1960).

PETREA AMAZONICA Moldenke

Literature: Moldenke in Fedde, Repert. 43: 15, 173--174, 210, & 216. 1938; Moldenke, Geogr. Distrib. Avicenn. 26. 1939; Moldenke, Known Geogr. Distrib. Verbenac., [ed. 1], 38 & 97. 1942; Moldenke, Phytologia 2: 173. 1946; E. J. Salisb., Ind. Kew. Suppl. 10: 168. 1947; Moldenke, Known Geogr. Distrib. Verbenac., [ed. 2], 89 & 192. 1949; H. N. & A. L. Moldenke, Anal. Inst. Biol. Mex. 20: 10. 1949; Moldenke, Résumé 103 & 464. 1959.

PETREA ANDREI Moldenke

Literature: Moldenke in Fedde, Repert. 43: 16, 188--190, 210, & 211. 1938; Moldenke, Geogr. Distrib. Avicenn. 22. 1939; Moldenke, Alph. List Common Names 8. 1939; Moldenke, Known Geogr. Distrib. Verbenac., [ed. 1], 34 & 97. 1942; Moldenke, Phytologia 2: 108. 1945; E. J. Salisb., Ind. Kew. Suppl. 10: 168. 1947; Moldenke, Phytologia 2: 499. 1948; H. N. & A. L. Moldenke, Pl. Life 2: 48. 1948; Moldenke, Known Geogr. Distrib. Verbenac., [ed. 2], 70 & 192. 1949; R. Espinosa, Est. Bot. Sur Ecuad. 2: 67. 1949; Moldenke, Résumé 80 & 464. 1959.

Espinosa describes this plant as a well-developed liana, climbing up large trees, with its leaves oval in shape, about 15 cm. long and 6 cm. wide, the "brácteas" beautiful blue-violet, and the "flores" sea-blue, growing at 60--80 m. altitudes. A common name is "chivovo gueb."



Moldenke, Harold N. 1961. "Additional notes on the genus *Petrea*. V." *Phytologia* 7, 405–409.

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