

NOTES ON THE GENUS *CLERODENDRUM* (VERBENACEAE). XXXVII

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Since March 30, 1985, when I began this series of notes on the genus *Clerodendrum* in Volume 57, Number 2, of the present journal, much information has come to hand. An attempt is made on the following pages to record this information on taxa already covered in the series, before I continue in the alphabetic sequence.

CLERODENDRUM Burm.

Additional & emended bibliography: Perr., Mem. Soc. Linn. Paris 3: 110. 1824; Manetti, Cat. Pl. Caes. Reg. Modic. Suppl. 2: 69. 1845; Miq., Fl. Ind. Bat. 2: 876 (1856) and 2: 1083. 1859; Craib, Contrib. Fl. Siam 165--166. 1912; R. Hay, Gard. Chron., ser. 3, 137: 130 & 154. 1955; Hirata, Host Range Geogr. Distrib. Powd. Mild. 276. 1966; Batista, Maia, & Peres, Univ. Fed. Pernamb. Inst. Micol. Atlas 4: 29--41. 1967; Milne, Living Pl. World 212. 1967; Vivekananthan, Bull. Bot. Surv. India 10: 240--241. 1969; Batista, Maia, & Peres, Biol. Abstr. 50: 6333. 1969; Letouzey, Adansonia, ser. 2, 9: 329. 1969; L. S. Sm., Contrib. Queensl. Herb. 6: [1] & 19--20. 1969; Vivekananthan, Biores. Ind. 5: 4240. 1969; Van Steenis-Kruseman, Fl. Males. Bull. 5: Ind. ii & li. 1970; J. F. Morton, Exot. Pl. 1: 120, 121, & 191 (1971) and 2: 732, 733, 870, & 972. 1971; P. G. Wils., Excerpt. Bot. A.18: 470. 1971; Fogg, Newslet. Arb. Barnes Found. 8: [1]. 1972; Howes, Dict. Useful Pl. 40, 59, 62, 170, 188, & 266. 1974; López-Palacios, Revist. Fac. Farm. Univ. Andes 14: 22. 1974; J. F. Morton, 500 Flow. S. Fla. 54, 55, & 158. 1978; Barrows, Biotropica 8 (2): 132. 1976; Croat, Fl. Barro Colorado 24, 49, 732, & 735. 1978; Fosberg, Sachet, & Oliv., Micronesica 15: 234, 235, & 240. 1979; Kingdon-Ward, Pl. Hunting 291. 1985; Mold., Phytologia 63: 48--63. 1987.

CLERODENDRUM ACULEATUM (L.) Schlecht.

Additional & emended bibliography: Steud., Nom. Bot. Phan., ed. 1, 889. 1821; Sweet, Hort. Brit., ed. 1, 2: 322. 1827; Hiern, Journ. Bot. Brit. 44: Ind. 44. 1906; Roys, Tulane Univ. Mid. Amer. Res. Ser. Publ. 2: [Ethno-bot. Maya] 248, 249, & 319. 1931; Mold. in Pulle, Fl. Surin. 4 (2): 314--315. 1940; Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 61: 164 (1986), 61: 480, 484, & 486 (1987), and 62: 188 & 319. 1987.

A key to help distinguish this species from other Venezuelan species will be found under *C. margaritense* Mold. in the present series of notes [62: 188--189].

The Gaumer 736 & 875, distributed as *C. aculeatum*, actually are *C. ligustrinum* (Jacq.) R. Br., which see.

CLERODENDRUM ACULEATUM var. *GRACILE* Griseb. & Mold.

Additional bibliography: Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 360. 1986.

CLERODENDRUM ACULEATUM var. *GUYANENSE* Mold.

Additional bibliography: Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 360. 1986.

CLERODENDRUM ADENOPHYSUM H. Hallier

Additional & emended bibliography: A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49 (1926) and imp. 2, 49. 1959; Mold., Phytologia 61: 179 & 187 (1986) and 61: 468. 1987.

CLERODENDRUM AGGREGATUM Gürke

Additional bibliography: Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 360. 1986.

CLERODENDRUM ALATUM Gürke

Additional & emended bibliography: A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49. 1926; B. Thomas, Engl. Bot. Jahrb. 68: [Gatt. Clerod.] 7, 17, 47, 83--84, & 92--94. 1936; H. N. & A. L. Mold., Pl. Life 2: 59 & 69. 1948; A. W. Hill, Ind. Kew. Suppl. 6, imp. 2, 49. 1959; Mold., Phytologia 61: 164 (1986) and 62: 452, 457, & 470. 1987.

A key to help distinguish this species from other African species of *Cyclonema* will be found under *Clerodendrum myricoides* (Hochst.) R. Br. in the present series of notes [62: 453--459].

CLERODENDRUM ALATUM var. *FLORIBUNDUM* (J. G. Baker) mold.

Additional bibliography: Mold., Phytologia 57: 471--472 (1985) and 62: 452. 1987.

The Allen 368, distributed as *C. alatum* var. *floribundum*, actually is *C. myricoides* (Hochst.) R. Br.

A key to help distinguish this taxon from other African taxa of *Cyclonema* will be found under *Clerodendrum myricoides* (Hochst.) R. Br. in the present series of notes [62: 453--459].

CLERODENDRUM ALBIFLOS H. J. Lam

Additional & emended bibliography: A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49 (1926) and imp. 2, 49. 1959; Mold., Phytologia 60: 360. 1986.

CLERODENDRUM ALBIFLOS var. *GLABRIOR* (Gibbs) H. J. Lam

Emended synonymy: *Clerodendron lindawianum* var. *glabrior* Gibbs, Contrib. Phytogeog. Fl. Arfak 218--219. 1917.

Additional bibliography: Gibbs, Contrib. Phytogeog. Fl. Arfak 218--219. 1917; Mold., Phytologia 60: 360. 1986.

Gibbs (1917) describes this taxon as "Tota planta manifeste glabrior". He says, further, that it is "A small tree with conspicuous white flowers and black fruit. I cannot separate this plant from Lauterbach's species [*C. lindawianum*], which is evidently very widely distributed. In my specimens the tomentum on peduncles, pedicels and calyx is also much reduced."

CLERODENDRUM ALBOVIOLACEUM Mold.

Additional bibliography: Holmgren & al., Ind. Vasc. Pl. Type Mic-

rof. 441. 1985; Mold., Phytologia 60: 360. 1986.

CLERODENDRUM ANAFENSE Britton & P. Wils.

Additional bibliography: A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49 (1926) and imp. 2, 49. 1959; Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 360 (1986) and 61: 491. 1987.

CLERODENDRUM ANGOLENSE Gürke

Additional & emended bibliography: B. Thomas, Engl. Bot. Jahrb. 68: [Gatt. Clerod.] 6, 13, 26, 36, 62--63, & 92--95. 1936; Mold., Phytologia 60: 361. 1986.

CLERODENDRUM ANGUSTIFOLIUM (Poir.) Spreng.

Additional synonymy: *Volkameria angustifolia* Lam. ex Steud., Nom. Bot. Phan., ed. 1, 889. 1821.

Additional & emended bibliography: Steud., Nom. Bot. Phan., ed. 1, 889. 1821; Sweet, Hort. Brit., ed. 1, 2: 322. 1827; Jacks. in Hook. f. & Jacks., Ind. Kew., imp. 2, 1: 560 (1946), imp. 2, 2: 1219 (1946), imp. 3, 1: 560 (1960), and imp. 3, 2: 1219. 1960; Mold., Phytologia 60: 361 & 495. 1986.

CLERODENDRUM ARENARIUM J. G. Baker

Additional bibliography: Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 361 (1986), 61: 475 (1987), and 62: 132 & 142. 1987.

The *Baron* 5729, distributed as *C. arenarium*, actually is *C. laxiflorum* J. G. Baker, which see.

CLERODENDRUM ARENARIUM var. *MACROCALYX* Mold.

Additional bibliography: Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 361. 1986.

CLERODENDRUM AUCUBIFOLIUM Hemsl.

Additional bibliography: Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 361--362. 1986.

CLERODENDRUM AUCUBIFOLIUM var. *GIGANTEUM* Mold.

Additional bibliography: Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 361--362. 1986.

CLERODENDRUM AURANTIACUM J. G. Baker

Additional & emended bibliography: Thiselt.-Dyer, Ind. Kew. Suppl. 2: 43 & 44. 1904; Mold., Phytologia 57: 490--491 (1985) and 62: 136 & 457. 1987.

Baker (1900) keeps *C. macrostachyum* and *C. aurantiacum* apart as two separate taxa, distinguished as follows:

1. Calyx-lobes orbicular, small.....*C. aurantiacum*
- 1a. Calyx-lobes ovate or oblong, large.....*C. macrostachyum*

If they are to be kept separate, then the latter will need a new name, since Baker's *C. macrostachyum* (1898) is antedated by the

C. macrostachyum of Turczaninow (1863).

A key to help distinguish *C. aurantiacum* from the other African species of *Cyclonema* accepted by Thomas (1936) will be found under *Clerodendrum myricoides* (Hochst.) R. Br. in the present series of notes [62: 453--459].

CLERODENDRUM BAKHUIZENI Mold.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 442. 1985; Mold., Phytologia 60: 362. 1986.

CLERODENDRUM BARBA-FELIS H. Hallier

Additional & emended bibliography: A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49 (1926) and imp. 2, 49. 1959; Mold., Phytologia 60: 362 (1986) and 61: 458. 1987.

CLERODENDRUM BARONIANUM Oliv.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 360--366, 462, 463, 465, 466, & 496 (1986), 61: 88, 272, 281, & 395 (1986), 61: 471 & 475 (1987), and 62: 132, 142, 145, 149, 153, 187, 193, 317, 324, 459, 472, & 479. 1987.

CLERODENDRUM BELLUM Mold.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 362. 1986.

CLERODENDRUM BETHUNIANUM Low

Additional bibliography: Warb., Engl. Bot. Jahrb. 13: 428. 1890; Mold., Phytologia 60: 362 (1986), 61: 278, 325, 330, 393, 395--397, & 399 (1986), 62: 143 (1987), and 63: 62. 1987.

The *Villamil* 128, distributed as *C. bethunianum*, actually is *C. paniculatum* L.

CLERODENDRUM BINGAENSE S. Moore

Additional synonymy: *Clerodendron bingaense* S. Moore apud A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49. 1926.

Additional & emended bibliography: A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49 (1926) and imp. 2, 49. 1959; Mold., Phytologia 60: 362. 1986.

A key to help distinguish this species from others in Section *Siphonocalyx* will be found under *C. mildbraedii* Thomas in the present series of notes [62: 196--198].

CLERODENDRUM BIPINDENSE Gürke

Additional bibliography: Mold., Phytologia 60: 362--363 (1986) and 62: 191. 1987.

CLERODENDRUM BOIVINII Mold.

Additional bibliography: Mold., Phytologia 58: 189 & 202--203. 1985.

CLERODENDRUM BOTRYODES (Hiern) J. G. Baker

Additional & emended bibliography: A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49 (1926) and imp. 2, 49. 1959; P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 363 (1986) and 61: 474. 1987.

Keys to help distinguish this species from some other African relatives will be found under *C. laxicymosum* DeWild. and *C. mild-braedii* Thomas in the present series of notes [61: 473--474 and 62: 196--198].

CLERODENDRUM BRACHYANTHUM Schau.

Additional bibliography: Mold., Phytologia 61: 164 & 413 (1986) and 62: 139. 1987.

The Ahern's Collector, Herb. Philip. For. Bur. 450, distributed as *C. brachyanthum*, actually is *C. macrostegium* Schau., while Ramos, Herb. Philip. Bur. Sci. 27367 and Ramos & Edaño, Herb. Philip. Bur. Sci. 48479 are *C. philippinense* Elm.

CLERODENDRUM BRACTEATUM Wall.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 442. 1985; Mold., Phytologia 60: 363 (1986), 61: 101 & 413 (1986), 61: 497 (1987), and 62: 139. 1987.

A key to help distinguish this species from other Indonesian taxa will be found under *C. klemmei* in the present series of notes [61: 410--415].

The Pételot 797, distributed as *C. bracteatum*, actually is *C. lindleyi* Decaisne, while D. J. Anderson s.n. [Bhama, 10th February '68] is *C. macrostegium* Schau.

CLERODENDRUM BRACTEATUM var. **BÜNNEMEIJERI** Mold.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 442. 1985; Mold., Phytologia 60: 363. 1986.

CLERODENDRUM BRACTEATUM var. **SUMATRANUM** Ridl.

Additional bibliography: Mold., Phytologia 60: 363 (1986) and 61: 101. 1986.

CLERODENDRUM BRASSII Beer & Lam

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 442. 1985; Mold., Phytologia 60: 363. 1986.

CLERODENDRUM BRAZZAVILLENSE A. Chev.

Additional & emended bibliography: A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49 (1926) and imp. 2, 49. 1959; Mold., Phytologia 58: 216. 1985.

CLERODENDRUM BREVIFLORUM Ridl.

Additional bibliography: Mold., Phytologia 61: 164 & 411. 1986.

A key to help distinguish this species from other Indonesian taxa will be found under *C. klemmei* Elm. in the present series of notes [61: 410--415].

CLERODENDRUM BROOKEANUM W. W. Sm.

Additional bibliography: H. J. Lam, *Verbenac. Malay. Arch.* 320 & 364. 1919; Mold., *Phytologia* 58: 218 & 279. 1985.

CLERODENDRUM BRUNFELSIIFLORUM H. Hallier

Additional & emended bibliography: A. W. Hill, *Ind. Kew. Suppl.* 6, imp. 1, 49 (1926) and imp. 2, 49. 1959; Mold., *Phytologia* 58: 280--281 & 349 (1985) and 61: 467. 1987.

CLERODENDRUM BRUNNESCENS Mold.

Additional bibliography: P. Holmgren & al., *Ind. Vasc. Pl. Type Microf.* 441. 1985; Mold., *Phytologia* 60: 363. 1986.

CLERODENDRUM BRUNSVIGIOIDES J. G. Baker

Additional bibliography: P. Holmgren & al., *Ind. Vasc. Pl. Type Microf.* 441. 1985; Mold., *Phytologia* 60: 363. 1986.

CLERODENDRUM BUCHANANI (Roxb.) Walp.

Additional bibliography: Meeuse, *Blumea* 5: 75--76. 1942; Jacks. in Hook. f. & Jacks., *Ind. Kew.*, imp. 2, 1: 560 (1946), imp. 2, 2: 1219 (1946), imp. 3, 1: 560 (1960), and imp. 3, 2: 1219. 1960; Mold., *Phytologia* 61: 164, 182, 187, 272, 391--394, 397, & 414 (1986), 61: 497 (1987), and 63: 55. 1987.

CLERODENDRUM BUCHHOLZII Gürke

Additional bibliography: S. Moore in Baker, Moore, & Rendle, *Journ. Linn. Soc. Lond.* 37: 198. 1905; Mold., *Phytologia* 61: 165 (1986), 61: 473 & 474 (1987), 62: 185 (1987), and 63: 50. 1987.

Keys to help distinguish this species from some of its African relatives will be found under *C. laxicymosum* DeWild. and *C. mildbraedii* Thomas in the present series of notes [61: 473--474 and 62: 196--198].

Moore (1905) asserts that *C. buchholzii* is closely related to *C. nuxioides* (S. Moore) Thomas, but the latter species differs in its leafblades being basally narrowed into the petiole "and in several floral details".

The *Vigne* 4256, distributed as *C. buchholzii*, actually is *C. laxicymosum* DeWild.

CLERODENDRUM BUCHNERI Gürke

Additional bibliography: DeWild., *Bull. Jard. Bot. Nat. Belg.* 3: 267. 1911; Mold., *Phytologia* 60: 364. 1986.

CLERODENDRUM BUKOBENSE Gürke

Additional synonymy: *Clerodendron bucobense* Gürke ex Mold., *Résumé* 261 in syn. 1959.

Additional bibliography: Mold., *Phytologia* 60: 364 (1986) and 62: 454 & 457. 1987.

A key to help distinguish this species from the other African taxa of *Cyclonema* as accepted by Thomas (1936) will be found under *C. myricoides* (Hochst.) R. Br. in the present series of notes [62: 453--457].

The *Peter* 31361, distributed as "*C. bucobense*", actually is typical *C. myricoides* (Hochst.) R. Br., which see.

CLERODENDRUM BUNGEI Steud.

Additional synonymy: *Clerodendron foetidissimum* Hort. ex "W. W.", Garden Lond. 42: 563 in syn. 1892.

Additional bibliography: Sweet, Hort. Brit., ed. 1, 2: 322. 1827; Jacks. in Hook. f. & Jacks., Ind. Kew., imp. 1, 2: 1219. 1895; Meeuse, Blumea 5: 75. 1942; Jacks. in Hook. f. & Jacks., Ind. Kew., imp. 2, 2: 1219 (1946) and imp. 3, 2: 1219. 1960; P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 442. 1985; Mold., Phytologia 61: 165 & 278. 1986; Rehd., Man. Cult. Trees Shrubs, ed. 2, imp. 13, 806. 1986; Mold., Phytologia 61: 493 & 495--497 (1987) and 63: 62. 1987.

Jackson (1895) reduces *Volkameria foetida* Buch.-Ham. to the synonymy of *C. bungei*, but I regard it as a synonym of *Caryopteris foetida* (D. Don) Thellung.

The *Chang & Po* 3945 and *Tsang, Tung, & Fung* 17672, distributed as *Clerodendrum bungei*, actually are *C. lindleyi* Decaisne.

CLERODENDRUM BURUANUM Miq.

Additional bibliography: Mold., Phytologia 61: 165, 179, 187, & 414. 1986.

CLERODENDRUM BURUANUM f. *LINDAWIANUM* (Lauterb.) Bakh.

Emended synonymy: *Clerodendron versteegi* Pulle in Lorentz, Nova Guinea, ser. 1, 8: 403. 1910.

Additional & emended bibliography: Pulle in Lorentz, Nova Guinea, ser. 1, 8: 403 (1910) and ser. 1, 8: 687. 1912; Gibbs, Contrib. Phytogeog. Fl. Arfak 218--219. 1917; Kanehira & Hatusima, Bot. Mag. Tokyo 56: 114. 1942; Mold., Alph. List Inv. Names 16, 18, & 21. 1942; Mold., Alph. List Inv. Names Suppl. 1: 6. 1947; H. N. & A. L. Mold., Pl. Life 2: 69. 1948; Mold., Phytologia 61: 165, 187, & 414. 1986.

CLERODENDRUM CABRAE DeWild.

Additional bibliography: Mold., Phytologia 58: 355--356 (1985) and 62: 454. 1987.

A key to help distinguish this species from the other African taxa of *Cyclonema* accepted by Thomas (1936) will be found under *C. myricoides* (Hochst.) R. Br. in the present series of notes [62: 453--457].

CLERODENDRUM CAERULEUM N. E. Br.

Additional bibliography: Mold., Phytologia 58: 356--357 (1985) and 62: 453, 457, 460, & 464. 1987.

A key to help distinguish this species from the other African taxa of *Cyclonema* accepted by Thomas (1936) will be found under *Clerodendrum myricoides* (Hochst.) R. Br. in the present series of notes [62: 453--459].

CLERODENDRUM CAESTIUM Gürke

Additional bibliography: Engl., Bot. Jahrb. 28: 466. 1900; Mold.,

Phytologia 58: 357--358 (1985) and 62: 453. 1987.

A key to help distinguish this species from the other African taxa of *Cyclonema* accepted by Thomas (1936) will be found under *Clerodendrum myricoides* (Hochst.) R. Br. in the present series of notes [62: 453--459].

CLERODENDRUM CALAMITOSUM L.

Additional & emended bibliography: Steud., Nom. Bot. Phan., ed. 1, 203 & 889. 1821; Van Houtte, Fl. Serres, ser. 1, 9: 18. 1853; H. J. Lam, Verbenac. Malay. Arch. 251, 257, 363, & 364. 1919; Jacks. in Hook. f. & Jacks., Ind. Kew., imp. 2, 2: 1219 (1946) and imp. 3, 2: 1219. 1960; López-Palacios, Fl. Venez. Verb. 263 & 264. 1977; Mold., Phytologia 61: 165, 406, & 411. 1986.

A key to help distinguish this species from other Indonesian taxa in this genus will be found under *C. klemmei* Elm. in the present series of notes [61: 410--415].

CLERODENDRUM CALCICOLA Britton

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 365--366. 1986.

CLERODENDRUM CANESCENS Wall.

Additional bibliography: Mold., Phytologia 61: 165, 276, & 395 (1986), 61: 497 (1987), 62: 152 (1987), and 63: 62. 1987.

A key to help distinguish this species from other Taiwanese taxa in this genus will be found under *C. intermedium* Cham. in the present series of notes [61: 276].

Additional citations: MAÇAO: Hillebrand s.n. (X).

CLERODENDRUM CAPITATUM (Willd.) Schum. & Thonn.

Additional bibliography: Steud., Nom. Bot. Phan., ed. 1, 889. 1821; S. Moore in Baker, Moore, & Rendle, Journ. Linn. Soc. Lond. Bot. 37: 198 (1905) and 37: 562. 1906; Good & Exell, Journ. Bot. Brit. 68, Suppl. 2: 143. 1930; B. Thomas, Engl. Bot. Jahrb. 68: [Gatt. Clerod.] 9, 10, 14, 38, 64--66, & 92--94. 1936; Prain, Ind. Kew. Suppl. 5, imp. 1, 62 (1921) and imp. 2, 62. 1960; Seaforth, W. Afr. Journ. Biol. Appl. Chem. 7: 30 & 66. 1967; Gilli, Ann. Naturhist. Mus. Wien 77: 29. 1973; P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 58: 445 (1985), 61: 166 & 412 (1986), and 62: 325. 1987.

CLERODENDRUM CAPITATUM var. *RHODESIENSE* Mold.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 58: 439. 1985.

CLERODENDRUM CARNOSULUM J. G. Baker

Additional bibliography: Mold., Phytologia 60: 360 & 366 (1986) and 62: 454. 1987.

A key to help distinguish this species from other African taxa of *Cyclonema* as accepted by Thomas (1936) will be found under *Clerodendrum myricoides* (Hochst.) R. Br. in the present series of notes [62: 453--459].

CLERODENDRUM CARYOPTEROIDES Mold.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 442. 1985; Mold., Phytologia 58: 444. 1985.

CLERODENDRUM CAULANTHUM Exell

Additional bibliography: Mold., Phytologia 58: 444--445. 1985.

A key to help distinguish this species from other taxa in Section *Siphonocalyx* will be found under *C. mildbraedii* Thomas in the present series of notes [62: 196--198].

CLERODENDRUM CERAMENSE Mold.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 442. 1985; Mold., Phytologia 60: 366. 1986.

CLERODENDRUM CERNUUM Wall. ex Sweet, Hort. Brit., ed. 1, 2: 322. 1827.

Additional bibliography: Sweet, Hort. Brit., ed. 1, 2: 322. 1827; Mold., Phytologia 58: 448. 1986.

CLERODENDRUM CHAMAERIPHES Wernham

Additional & emended bibliography: A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49 (1926) and imp. 2, 49. 1959; Mold., Phytologia 58: 449. 1986.

A key to help distinguish this species from others in Section *Siphonocalyx* will be found under *C. mildbraedii* Thomas in the present series of notes [62: 196--198].

CLERODENDRUM CHLORISEPALUM Merr.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 442. 1985; Mold., Phytologia 58: 451--452. 1985.

CLERODENDRUM CITRINUM Ridl.

Additional bibliography: Mold., Phytologia 58: 452--453 (1985) and 63: 61 & 62. 1987.

The *Holttum* 37385, distributed as *C. citrinum*, seems, instead, to be *C. paniculatum* L.

CLERODENDRUM COCHINCHINENSE Dop

Additional & emended bibliography: A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49 (1926) and imp. 2, 49. 1959; P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 442. 1985; Mold., Phytologia 60: 366--367 (1986) and 61: 105. 1986.

CLERODENDRUM COLEBROKIANUM Walp.

Additional & emended bibliography: Morr., Ann. Soc. Roy. Agr. Bot. Gand. 1: 19 & 20. 1845; Jacks. in Hook. f. & Jacks., Ind. Kew., imp. 1, 1: 560 & 561. 1893; Edwards, Bot. Reg. 30: pl. 19 in textu. 1894; H. J. Lam, Verbenac. Malay. Arch. 271--272, 319, & 363. 1919; Bakh. in Lam & Bakh., Bull. Jard. Bot. Buitenz., ser. 3, 3: 75, 87, 88, 108, 109, viii, & ix. 1921; J. G. Baker in Rendle, Journ. Bot. Brit. 63: Suppl. 81. 1925; Jacks. in Hook. f. & Jacks., Ind. Kew., imp. 2, 1: 560 & 561 (1946) and imp. 3, 1: 560 & 561. 1960; Rao &

Jamir, Econ. Bot. 36: 178. 1982; Mold., Phytologia 60: 367 (1986), 61: 90 & 413 (1986), 61: 497 (1987), and 63: 62. 1987.

Morren (1845), in his discussion of red-flowered species of this genus known in Dutch and Belgian gardens, says: "Enfin, le *Clerodendron glandulosum*, distingué par la première fois par le botaniste Colebrooke, se distingué par les feuilles presque arrondies, ovales, tronquées à la base ou un peu cordiformes, un peu poilues, sans lépides et subdentées, la panicule est dense, capitée, les bractées linéaires, lanceolées, plus longues que le calice et portant de chaque côté sur le dos une glande transparente, les divisions du calice quinquefide acuminees, et celle de la corolle oblongues, réfléchies, plus courtes que les étamines, le style très grand. Nous avons tout lieu de croire que c'est ce *Clerodendron*, originaire des Indes Orientales, qu'on cultivait à Gand sous le nom de *Clerodendron écailleux*."

Rao & Jamir (1986) describe the plant as an erect shrub "common on cleared forest areas [in Nagaland]" where a decoction of its roots, leaves, and bark is used to treat malarial fevers.

A key to help distinguish this species from other Indonesian taxa will be found under *C. klemmei* Elm. in the present series of notes [61: 410--415].

The *Herb. Fischer s.n.* distributed as *C. colebrokianum* (in the Leningrad herbarium), actually is *C. lindleyi* Decaisne.

CLERODENDRUM COLEBROKIANUM var. *FORBESTII* King & Gamble

Additional & emended bibliography: J. G. Baker in Rendle, Journ. Bot. Brit. 63: Suppl. 81. 1925; Mold., Phytologia 60: 367. 1986.

Baker (1925) cites for this variety *Forbes 1048 & 1786* from Sumatra.

CLERODENDRUM COMANS Mold.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 367. 1986.

CLERODENDRUM CONFUSUM H. Hallier

Additional & emended bibliography: A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49 (1926) and imp. 2, 49. 1959; P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 442. 1985; Mold., Phytologia 60: 367 (1986) and 61: 179, 181, 394, & 414. 1986.

A key to help distinguish this species from other Indonesian taxa will be found under *C. klemmei* Elm. in the present series of notes [61: 410--415].

CLERODENDRUM CONSORS S. Moore

Additional & emended bibliography: A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49. 1926; B. Thomas, Engl. Bot. Jahrb. 68: [Gatt. Clerod.] 39, 68, 92, & 94. 1936; A. W. Hill, Ind. Kew. Suppl. 6, imp. 2, 49. 1959; Mold., Phytologia 59: 107--109. 1986.

A key to help distinguish this species from others in Section *Siphonocalyx* will be found under *C. mildbraedii* Thomas in the present series of notes [62: 196--198].

CLERODENDRUM CORBISIERTI DeWild.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 59: 109--110 & 350 (1986) and 62: 128 & 455. 1987.

A key to help distinguish this species from the other African taxa of *Cyclonema* accepted by Thomas (1936) will be found under *C. myricoides* (Hochst.) R. Br. in the present series of notes [62: 453--459].

CLERODENDRUM CORDIFOLIUM (Hochst.) A. Rich.

Additional bibliography: Mold., Phytologia 60: 367 (1986) and 61: 396. 1986.

CLERODENDRUM COSTARICENSE Standl.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 367. 1986.

CLERODENDRUM COSTATUM R. Br.

Additional bibliography: Nees, Rob. Br. Vermisch. Bot. Schrift. 3 (1): 367. 1827; Mold., Phytologia 59: 113--114 & 123. 1986.

CLERODENDRUM CUBENSE Schau.

Additional bibliography: Mold., Phytologia 60: 367--368 (1986) and 61: 491. 1987.

CLERODENDRUM CUMINGIANUM Schau.

Additional bibliography: Mold., Phytologia 60: 368 (1986), 61: 414 (1986), 61: 468 & 469 (1987), and 62: 133. 1987.

A key to help distinguish this species from other Indonesian taxa of this genus will be found under *C. klemmei* Elm. in the present series of notes [61: 410--415].

The Ramos & Edaño, Philip. Bur. Sci. 44009, previously cited as *C. cumingianum* by me and so considered by Bakhuizen and Meeuse, seems better regarded as representing the very similar *C. lanuginosum* Blume; the same holds true for Edaño, Philip. Bur. Sci. 41803.

CLERODENDRUM CUNEIFORME Mold.

Additional synonymy: *Clerodendron myricoides* var. *cuneatum* (Gürke) H. H. W. Pearson in Thiselt.-Dyer, Fl. Cap. 5: 223. 1901. *Clerodendrum myricoides* var. *cuneatum* H. H. W. Pearson ex Compton, Journ. S. Afr. Bot. Suppl. 6: 66. 1966.

Additional bibliography: H. H. W. Pearson in Thiselt.-Dyer, Fl. Cap. 5: 223. 1901; Compton, Journ. S. Afr. Bot. Suppl. 6: 66. 1966; Mold., Phytologia 59: 266 (1986) and 62: 334, 452, 454, 464, & 485. 1987.

A key to help distinguish this species from the other African taxa of *Cyclonema* accepted by Thomas (1936) will be found under *Clerodendrum myricoides* (Hochst.) R. Br. in the present series of notes [62: 453--459].

Pearson (1901) cites Galpin 601 and Rehmann 6188 from the Transvaal.

CLERODENDRUM CUNNINGHAMII Benth.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 442. 1985; Mold., Phytologia 60: 368 (1986) and 61: 413. 1986.

A key to help distinguish this species from other Indonesian taxa in this genus will be found under *C. klemmei* Elm. in the present series of notes [61: 410--415].

CLERODENDRUM CURRANII Elm.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 442. 1985; Mold., Phytologia 59: 123--125 (1986) and 61: 187. 1986.

CLERODENDRUM CYRTOPHYLLUM Turcz.

Additional bibliography: Kaw, Pharmacog. Stud. Crude Drugs 60. 1966; Mold., Phytologia 60: 368 (1986) and 61: 105 & 276. 1986.

A key to help distinguish this species from others in Taiwan will be found under *C. intermedium* Cham. in the present series of notes [61: 276].

CLERODENDRUM DALEI Mold.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 59: 240--241. 1986.

CLERODENDRUM DAUPHINENSE Mold.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 59: 241--242. 1986.

CLERODENDRUM DECARYI Mold.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 368. 1986.

CLERODENDRUM DEFLEXUM Wall.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 442. 1985; Mold., Phytologia 60: 368 (1986), 61: 88 & 411 (1986), and 61: 457. 1987.

A key to help distinguish this species from other Thailand taxa in this genus will be found under *C. inerme* (L.) Gaertn., from other Indonesian species under *C. klemmei* Elm., and from other common tropical woody plants under *C. laevifolium* Blume in the present series of notes [61: 88--90; 61: 410--415; 61: 457].

CLERODENDRUM DEKINDTII Gürke

Additional bibliography: Mold., Phytologia 59: 247--250 & 261 (1986) and 62: 455, 460, & 464. 1987.

A key to help distinguish this species from other African taxa of *Cyclonema* accepted by Thomas (1936) will be found under *Clerodendrum myricoides* (Hochst.) R. Br. in the present series of notes [62: 453--459].

CLERODENDRUM DEKINDTII var. *DINTERI* Thomas

Additional bibliography: Mold., Phytologia 59: 248--250 & 262 (1986) and 62: 460. 1987.

CLERODENDRUM DEMBIANENSE Chiov.

Additional bibliography: Mold., Phytologia 59: 250 (1986) and 62: 455. 1987.

A key to help distinguish this species from the other African taxa in *Cyclonema* accepted by Thomas (1936) will be found under *Clerodendrum myricoides* (Hochst.) R. Br. in the present series of notes [62: 453--459].

CLERODENDRUM DENTICULATUM Mold.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 462. 1986.

CLERODENDRUM DEWITTEI Mold.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 59: 253. 1986.

CLERODENDRUM DINKLAGEI Gürke

Additional bibliography: Mold., Phytologia 61: 23 (1986) and 62: 126. 1987.

CLERODENDRUM DISCOLOR (Klotzsch) Vatke

Additional synonymy: *Clerodendron myricoides* f. *discolor* Baker ex Lindl., Gard. Chron., ser. 1, 5: 535. 1845. *Cyclonema* sp. Oliv., Trans. Linn. Soc. Lond. 29: 133 in syn. 1875. *Cyclonema myricoides* var. *foliis verticillatis*, 3--4-pollicaribus, cuneato-ellipticis v. ovato-lanceolatis, acutis, margine integris v. supra mediam paucidentato-serratis, pagina superiore scabrula v. glabrata, inferiore fulvo-pubescente Oliv., Trans. Linn. Soc. Lond. 29: 133. 1875.

Additional & emended bibliography: Oliv. in Speke, Journ. App., ed. 1, 644 (1863) and ed. 2, 644. 1864; Oliv., Trans. Linn. Soc. Lond. 29: 133. 1875; Oliv. in Speke, Journ. App., ed. 3, 644. 1893; Engl., Bot. Jahrb. 28: 466. 1900; Fiori, Buschi Piante Legn. Eritrea [Bibl. Agron. Colon. 7:] 324. 1912; B. Thomas, Engl. Bot. Jahrb. 68: [Gatt. Clerod.] 4, 10, 12, 13, 16, 47, 48, 84--86, 92, 93, & 96. 1936; Gilli, Ann. Naturhist. Mus. Wien 77: 29. 1973; P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 462 (1986), 61: 335 (1986), and 62: 128, 148, 335, 338, 452, 456, 459, 460, & 470. 1987.

Engler (1900) cites Goetze 164 & 761 and Stuhlmann 9249 & 9275, records the vernacular name "mkalanga", and describes the corollas as "blue".

A key to help distinguish this species from the other taxa from Africa of *Cyclonema* as accepted by Thomas (1936) will be found under *Clerodendrum myricoides* (Hochst.) R. Br. in the present series of notes [62: 453--459].

CLERODENDRUM DISCOLOR var. *CRENATUM* Thomas

Additional bibliography: Mold., *Phytologia* 59: 249, 261--262, & 266 (1986) and 62: 456 & 460. 1987.

A key to help distinguish this taxon from the other African taxa of *Cyclonema* accepted by Thomas (1936) will be found under *Clerodendrum myricoides* (Hochst.) R. Br. in the present series of notes [62: 453--459].

CLERODENDRUM DISCOLOR var. *DÜMMERI* Thomas

Additional bibliography: Mold., *Phytologia* 59: 260--264 (1986) and 62: 456 & 460. 1987.

A key to help distinguish this taxon from the other African taxa of *Cyclonema* accepted by Thomas (1936) will be found under *Clerodendrum myricoides* (Hochst.) R. Br. in the present series of notes [62: 453--459].

CLERODENDRUM DISCOLOR var. *KILIMANDSCHARENSE* Thomas

Additional bibliography: P. Holmgren & al., *Ind. Vasc. Pl. Type Microf.* 441. 1985; Mold., *Phytologia* 59: 261, 263--264, & 266 (1986) and 62: 128, 456, & 460. 1987.

A key to help distinguish this taxon from the other taxa of African *Cyclonema* accepted by Thomas (1936) will be found under *Clerodendrum myricoides* (Hochst.) R. Br. in the present series of notes [62: 453--459].

CLERODENDRUM DISCOLOR var. *MACROCALYX* Mold.

Additional bibliography: P. Holmgren & al., *Ind. Vasc. Pl. Type Microf.* 441. 1985; Mold., *Phytologia* 60: 462. 1986

CLERODENDRUM DISCOLOR var. *OPPOSITIFOLIUM* Thomas

Additional bibliography: Gilli, *Ann. Naturhist. Mus. Wien* 77: 29. 1973; Mold., *Phytologia* 59: 261--268 (1986) and 62: 335, 456, & 464. 1987.

A key to help distinguish this taxon from the other African taxa of *Cyclonema* accepted by Thomas (1936) will be found under *Clerodendrum myricoides* (Hochst.) R. Br. in the present series of notes [62: 453--459].

CLERODENDRUM DISCOLOR var. *PLURIFLORUM* Gürke

Additional & emended bibliography: B. Thomas, *Engl. Bot. Jahrb.* 68: [Gatt. Clerod.] 48 & 85--86. 1946; Gilli, *Ann. Naturhist. Mus. Wien* 77: 29. 1973; P. Holmgren & al., *Ind. Vasc. Pl. Type Microf.* 441. 1985; Mold., *Phytologia* 59: 261 & 266--268 (1986) and 62: 456 & 460. 1987.

A key to help distinguish this taxon from the other African taxa of *Cyclonema* accepted by Thomas (1936) will be found under *Clerodendrum myricoides* (Hochst.) R. Br. in the present series of notes [62: 453--459].

CLERODENDRUM DISPARIFOLIUM Blume, *Bijdr. Fl. Ned. Ind.* 14: 809. 1826

[not *Clerodendron disparifolium* Bakh., 1938, nor Hassk., 1921, nor Ridl., 1977].

Additional synonymy: *Clerodendrum laevifolium* Bakh. ex Meeuse, Blumea 5: 74 in syn. 1942 [not *C. laevifolium* Blume, 1826]. *Clerodendron calamitosum* "L., Lam. Verb. 256--257, pro parte" ex Meeuse, Blumea 5: 74 in syn. 1942 [not *Clerodendrum calamitosum* L., 1767]. *Clerodendron disparifolium* Bakh. ex Meeuse, Blumea 5: 71 in syn. 1942.

Additional & emended bibliography: Bakh. in Lam & Bakh., Bull. Jard. Bot. Buitenz., ser. 3, 3: 74, 80, 83--84, 110, viii & ix. 1921; J. G. Baker in Rendle, Journ. Bot. Brit. 63: Suppl. 81. 1925; Meeuse, Blumea 5: 74. 1942; P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 442. 1985; Mold., Phytologia 60: 462--463 (1986), 61: 88, 290, 406, 411, & 419 (1986), 61: 457, 458, & 461 (1987), and 62: 481--483. 1987.

A key to help distinguish this species from other Thailand taxa in this genus will be found under *C. inerme* (L.) Gaertn. and from other Indonesia species under *C. klemmei* Elm. in the present series of notes [61: 88--90 and 61: 410--415].

Meeuse (1942) keeps *C. eriosiphon* Schau. as distinct from *C. disparifolium* Blume. He comments that "Bakhuizen van den Brink misinterpreted Blume's *Cl. laevifolium* and *Cl. disparifolium*. A study of Blume's specimens in Herb. L.-B. [=Leiden] showed, that *Cl. laevifolium* is a synonym of *C. nutans* Wall., a plant which occurs in Java only in a cultivated state, though Blume apparently erroneously states, that it occurs in primary forests on Mt. Salak and Mt. Gedeh. A study of the type of *C. disparifolium* Bl. reveals, that this is Bakhuizen van den Brink's '*Cl. laevifolium*'. The name *Cl. disparifolium* was used by Bakhuizen van den Brink for a third species, viz., *Cl. eriosiphon* Schau. (which is mentioned by him as a synonym.)"

Baker (1925) cites for *C. disparifolium* Forbes 429 & 593a from Sumatra and records the vernacular names "hareno", "ki-ratjoen", and "tjaritih".

CLERODENDRUM DUSENII Gürke

Additional bibliography: P. Holmgren, Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 463 (1986), 61: 335 (1986), and 62: 191. 1987.

CLERODENDRUM EKMANI Mold.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 59: 337--338. 1986.

CLERODENDRUM ELBERTI H. Hallier

Additional & emended bibliography: A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49 (1926) and imp. 2, 49. 1959; Mold., Phytologia 60: 463. 1986.

CLERODENDRUM ELMERI Merr.

Additional bibliography: Mold., Phytologia 59: 331 & 343--344. 1986.

CLERODENDRUM EMIRNENSE Bojer

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 463. 1986.

CLERODENDRUM EMIRNENSE var. *DIFFUSUM* Mold.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 463. 1986.

CLERODENDRUM ERECTUM DeWild.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 59: 349--350 (1986) and 62: 128, 453, 455, & 464. 1987.

A key to help distinguish this species from the other African taxa of *Cyclonema* accepted by Thomas (1936) will be found under *Clerodendrum myricoides* (Hochst.) R. Br. in the present series of notes [62: 453--459].

CLERODENDRUM EURYPHYLLUM Mildbr.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 59: 354--355. 1986.

CLERODENDRUM EXCAVATUM DeWild.

Emended synonymy: *Clerodendron excavatum* var. *rotundatum* DeWild., Ann. Mus. Congo Belg. Bot., ser. 5, 3: 133 & 134, pl. 11, fig. 4. 1909. *Clerodendron grandiflorum* Gürke ex H. N. & A. L. Mold. in Dassan. & Fosb., Rev. Handb. Fl. Ceyl. 4: 418 in syn. sphalm. 1983. *Clerodendron excavatum* var. *rotundum* DeWild. apud Mold., Phytologia 59: 355 sphalm. 1986.

Additional bibliography: Prain, Ind. Kew. Suppl. 4, imp. 1, 50 (1913) and imp. 2, 50. 1958; Mold., Phytologia 60: 463--464 (1986) and 62: 136 & 139. 1987.

Emended illustrations: DeWild., Ann. Mus. Congo Belg. Bot., ser. 5, 3: 43, pl. 11, fig. 4. 1909.

CLERODENDRUM FASCICULATUM Thomas

Additional bibliography: Mold., Phytologia 59: 408--409. 1986.

A key to help distinguish this species from others in Section *Siphonocalyx* will be found under *C. mildbraedii* Thomas in the present series of notes [62: 196--198].

CLERODENDRUM FASTIGIATUM (Hunter) H. J. Lam

Additional & emended bibliography: A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49 (1926) and imp. 2, 49. 1959; Mold., Phytologia 60: 464. 1986.

CLERODENDRUM FAULKNERI Mold.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 468 (1986) and 62: 460. 1987.

CLERODENDRUM FILIPES Mold.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type

Microf. 441. 1985; Mold., Phytologia 60: 464. 1986.

CLERODENDRUM FINETII Dop

Additional & emended bibliography: A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49 (1926) and imp. 2, 49. 1959; Mold., Phytologia 60: 464. 1986.

CLERODENDRUM FISCHERI Gürke

Additional bibliography: Mold., Phytologia 59: 412--415 (1986) and 62: 325. 1987.

CLERODENDRUM FISCHERI var. *ROBUSTUM* (Klotzsch) Thomas

Additional & emended bibliography: Klotzsch in Peters, Naturwiss. Reise Mossamb. 6 Bot. 1: 259--260. 1861; Mold., Phytologia 59: 414--415 (1986) and 62: 325. 1987.

CLERODENDRUM FISTULOSUM Becc.

Additional & emended bibliography: Lour., Fl. Cochinch., ed. 1, imp. 2, 2: 388. 1967; Airy Shaw in Willis, Dict. Flow. Pl., ed. 8. 261. 1973; Mitchell & Rook, Bot. Dermat. 714. 1979; Mold., Phytologia 59: 415--418 (1986) and 61: 412. 1986.

A key to help distinguish this species from other Indonesian taxa in this genus will be found under *C. klemmei* Elm. in the present series of notes [61: 410--415].

CLERODENDRUM FLORIBUNDUM R. Br.

Additional bibliography: A. W. Hill, Ind. Kew. Suppl. 7: 51. 1929; P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 442. 1985; Mold., Phytologia 61: 23, 99, 100, & 105. 1986.

CLERODENDRUM FLORIBUNDUM var. *ANGUSTIFOLIUM* Mold.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 442. 1985; Mold., Phytologia 59: 425, 463, & 499. 1986.

CLERODENDRUM FLORIBUNDUM var. *ATTENUATUM* (R. Br.) Mold.

Additional bibliography: Mold., Phytologia 59: 424--426 (1986) and 61: 99. 1986.

CLERODENDRUM FLORIBUNDUM var. *CORIACEUM* (R. Br.) Mold.

Additional bibliography: Mold., Phytologia 59: 424 & 426--427 (1986) and 61: 99. 1986.

CLERODENDRUM FLORIBUNDUM var. *LATIFOLIUM* F. Muell.

Additional synonymy: *Clerodendron ovalifolium* Bakh. apud A. W. Hill, Ind. Kew. Suppl. 7: 51. 1929 [not A. Gray, 1862, nor *Clerodendron ovalifolium* (A. Juss.) Bakh., 1965].

Additional bibliography: Mold., Phytologia 60: 464 (1986) and 61: 99 & 100. 1986

CLERODENDRUM FORTUNATUM L.

Emended synonymy: *Clerodendron oxysepalum* Miq., Journ. Bot. Neerl.

1: 114--115. 1861.

Additional & emended bibliography: Lour., Fl. Cochinch., ed. 1, imp. 1, 2: 388. 1796; Sweet, Hort. Brit., ed. 1, 2: 322. 1827; Paxt., Mag. Bot. 11: [169]. 1844; C. Muell. in Walp., Ann. Bot. Syst. 5: 712. 1860; Miq., Journ. Bot. Néerl. 1: 114--115. 1861; Lemaire, Illust. Hort. 10: pl. 358. 1863; Bakh. in Lam & Bakh., Bull. Jard. Bot. Buitenz., ser. 3, 3: 74, 75, 84, 108--110, viii, & ix. 1921; Stapf, Ind. Lond. 2: 238 & 239. 1930; Jacks. in Hook. f. & Jacks., Ind. Kew., imp. 2, 1: 561 (1946) and imp. 2, 2: 1219 (1946), imp. 3, 1: 561 (1960), and imp. 3, 2: 1219. 1960; Mold., Phytologia 61: 23, 26, 99, 397, 411, & 412 (1986), 61: 479 & 484--486 (1987), and 62: 204 & 310--312. 1987.

Miquel's original (1861) description of *C. oxysepalum* is "Ramuli obtusetetragoni cum petiolis foliisque subtus praesertim in nervis puberi, folia opposita modice petiolata e basi acutiusculâ elliptico-oblonga sublanceolata acuta vel subapiculata integerrima chartacea, subtus costulis utrinque 6 patule erectis tenuibus venosis, circiter quadripollicaria; pedunculi axillares petiolo paullo longiores bis trifidi cymoso-sub-10-flori obovato subbracteati; calycis 5-partiti lobi triangulari-ovati acuminati (colorati?), praesertim sursum puberi subciliolati, fere semipollicares; corollae tubus calycem parum excedens, limbi lobi obovati obtusi; genitalia exserta, filamentis arcuato-recurvis. -- Cet arbuste croît en abondance dans les forêts, portant des fleurs d'un rouge blanchâtre."

A key to help distinguish *C. fortunatum* from other Indonesian taxa of this genus will be found under *C. klemmei* Elm. in the present series of notes [61: 410--415].

CLERODENDRUM FRUTECTORUM S. Moore.

Additional & emended bibliography: A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49 (1926) and imp. 2, 49. 1959; Mold., Phytologia 59: 472--474. 1986.

CLERODENDRUM FUGITANS Wernham

Additional & emended bibliography: A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49 (1926) and imp. 2, 49. 1959; Mold., Phytologia 59: 474. 1986.

CLERODENDRUM FUSCUM Gürke

Emended synonymy: *Clerodendron macrocalyx* DeWild., Bull. Jard. Bot. Brux. 7: 172. 1920 [not *C. macrocalyx* H. J. Lam. 1919].

Additional bibliography: A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49 (1926) and imp. 2, 49. 1959; Mold., Phytologia 59: 475--479. 1986.

CLERODENDRUM GARRETTIANUM Craib

Additional bibliography: Mold., Phytologia 60: 465 (1986), 61: 89 (1986), 61: 458 (1987), and 62: 482. 1987.

A key to help distinguish this species from other Thailand taxa in this genus will be found under *C. inerme* (L.) Gaertn. in the present series of notes [61: 88--90].

CLERODENDRUM GAUDICHAUDII Dop

Additional & emended bibliography: A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49 (1926) and imp. 2, 49. 1959; Mold., Phytologia 59: 482--483 (1986) and 60: 142. 1986.

CLERODENDRUM GEOFFRAYI Dop

Additional & emended bibliography: A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49 (1926) and imp. 2, 49. 1959; Mold., Phytologia 59: 483--484 (1986) and 60: 147. 1986.

CLERODENDRUM GIBBOSUM Mold.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 465. 1986.

CLERODENDRUM GLABRATUM Gürke

Additional bibliography: Mold., Phytologia 60: 465 (1986) and 62: 329. 1987.

CLERODENDRUM GLABRUM E. Mey.

Additional bibliography: Gilli, Ann. Naturhist. Mus. Wien 77: 29. 1973; Mold., Phytologia 60: 465 (1986), 61: 25 (1986), and 61: 473. 1987.

A key to help distinguish this species from others found in Hawaii will be found under *C. indicum* (L.) Kuntze in the present series of notes [61: 24--25].

CLERODENDRUM GLABRUM var. *MINUTIFLORUM* (J. G. Baker) Fosberg

Additional bibliography: Mold., Known Geogr. Distrib. Verbenac., ed. 1, 53 & 90. 1942; Mold., Phytologia 60: 465. 1986.

CLERODENDRUM GLABRUM var. *VAGUM* (Hiern) Mold.

Emended synonymy: *Clerodendron rehmannii* Gürke. Engl. Bot. Jahrb. 28: 294. 1900. *Clerodendron rehmannii* Gürke ex Mold., Known Geogr. Distrib. Verbenac., ed. 1, 48, 49, 51, 52, & 91. 1942.

Additional & emended bibliography: Gürke in Engl., Bot. Jahrb. 28: 294. 1900; Mold., Known Geogr. Distrib. Verbenac., ed. 1, 48--52, 72, & 89--91 (1942) and ed. 2, 115--121, 159, 181, & 183. 1949; Mold., Resume 141, 144--146, 148--150, 152, 153, 216, 263, 267, 268, 272, 273, 450, & 452. 1959; Mold., Fifth Summ. 1: 228, 235, 239, 240, 242, 247, 249, 251, 253, 254, 256, 359, 444, 445, 452, 454, 461, 462, 464, & 465 (1971) and 2: 622, 866, 870, & 970. 1971; Mold., Phytol. Mem. 2: 218, 225, 229, 230, 232, 237, 238, 240, 242, 243, 245, 349, 350, 388, 391, 537, & 540. 1980; Mold., Phytologia 60: 56--61. 1986.

Gürke (1900), in describing *C. rehmannii*, says: "Die Art steht dem *Cl. ovale* Klotzsch ganz nahe; im wesentlichen unterscheidet sie sich nur durch die stärkere Behaarung, die ihr allerdings ein sehr charakteristisches Aussehen verleiht. Bei *Cl. ovale* sind die Blätter ganz kahl, und die jüngeren Zweige sowie die Verzweigungen des Blütenstandes sind nur schwach behaart, während bei *Cl. Rehmannii* besonders die Blätter auf der Unterseite weich, beinahe sammetartig behaart sind und die Zweige, Blattstiele und die Verzweigungen der

Trugdolden viel stärkere Behaarung als bei jener Art zeigen."

CLERODENDRUM GLANDULOSUM Lindl.

Additional bibliography: Jacks. in Hook. f. & Jacks., Ind. Kew., imp. 1, 1: 561 (1893), imp. 2, 1: 561 (1946), and imp. 3, 1: 561. 1960; Mold., Phytologia 60: 61--62 (1986) and 61: 394. 1986.

CLERODENDRUM GODEFROYI Kuntze

Additional bibliography: Holmgren & al., Ind. Vasc. Pl. Type Microf. 442. 1985; Mold., Phytologia 60: 464 & 465. 1986.

Craib (1914) says that *C. lloydianum* Craib can easily be distinguished from this species by its larger leaves which are 15--30 cm. long and 5--8.5 cm. wide.

CLERODENDRUM GODEFROYI var. *INSULARE* Dop

Additional bibliography: Mold., Phytologia 60: 66--67 (1986) and 62: 81. 1987.

CLERODENDRUM GOSSWEILERI Exell

Additional bibliography: Mold., Phytologia 60: 67--68. 1986.

A key to help distinguish this species from others in Section *Siphonocalyx* will be found under *C. mildbraedii* Thomas in the present series of notes [62: 196--198].

CLERODENDRUM GRANDIFLORUM (Hook.) Schau.

Additional bibliography: Mold., Phytologia 61: 23 (1986), 61: 491 & 497 (1987), and 62: 136 & 475. 1987.

CLERODENDRUM GREVEI Mold.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 132--133. 1986.

CLERODENDRUM GRIFFITHIANUM C. B. Clarke

Additional bibliography: Lévêillé, Fl. Kouy-Tchéou 442. 1915; Mold., Phytologia 60: 133--136, 150, 181, 363, 367, & 496 (1986), 61: 88, 385, & 406 (1986), 61: 465 & 471 (1987), 62: 135 (1987), and 63: 62. 1987.

CLERODENDRUM GUERKEI J. G. Baker

Additional bibliography: S. Moore, Journ. Bot. Brit. 45: 92. 1907; Mold., Phytologia 60: 136--138 & 274. 1986.

CLERODENDRUM HAEMATOLASIUM H. Hallier

Additional & emended bibliography: A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49 (1926) and imp. 2, 49. 1959; P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 442. 1985; Mold., Phytologia 60: 138--140 (1986) and 61: 406. 1986.

The corollas are said to have been "cream"-color on *Clemens* 10087.

Additional citations: GREATER SUNDA ISLANDS: Sabah: M. S. *Clemens* 10087 (Ca--214989, Ld--photo, Ph).

CLERODENDRUM HAHNIANUM Dop

Additional & emended bibliography: A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49 (1926) and imp. 2, 49, 1959; Mold., Phytologia 60: 140--143, 365--367, & 496 (1986), 61: 88, 395, & 401 (1986), 61: 464 & 476 (1987), 62: 81 & 127 (1987), and 63: 62. 1987.

CLERODENDRUM HARMANDIANUM Dop

Additional & emended bibliography: A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49 (1926) and imp. 2, 49, 1959; Mold., Phytologia 60: 144--145. 1986.

CLERODENDRUM HASTATO-OBLONGUM C. B. Clarke

Additional bibliography: Mold., Phytologia 60: 142 & 146--147. 1986.

CLERODENDRUM HASTATUM (Roxb.) Wall.

Additional bibliography: Mold., Phytologia 60: 134, 136, & 147--151 (1986), 61: 412 (1986), and 63: 51. 1987.

A key to help distinguish this species from other Indonesian taxa in this genus will be found under *C. klemmei* Elm. in the present series of notes [61: 410--415].

CLERODENDRUM HENDERSONII Mold.

Additional bibliography: P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 442. 1985; Mold., Phytologia 60: 151--152. 1986.

CLERODENDRUM HENRYI P'ei

Additional bibliography: Mold., Phytologia 60: 180--182 & 365--368 (1986), 61: 88, 330, & 332 (1986), 62: 86 & 151 (1987), and 63: 62. 1987.

CLERODENDRUM HETEROPHYLLUM (Vent.) R. Br.

Additional & emended bibliography: Sweet, Hort. Brit., ed. 1, 2: 322. 1827; Balf. f., Journ. Linn. Soc. Lond. Bot. 16: 19. 1877; P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 465--466 (1986), 61: 105, 418, & 419 (1986), and 61: 482, 483, & 486. 1987.

CLERODENDRUM HETEROPHYLLUM f. *ANGUSTIFOLIUM* Mold.

Additional bibliography: Steud., Nom. Bot. Phan., ed. 1, 889. 1821; P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 441. 1985; Mold., Phytologia 60: 465--466 (1986) and 61: 105. 1986.

CLERODENDRUM HETTAE H. Hallier

Additional & emended bibliography: A. W. Hill, Ind. Kew. Suppl. 6, imp. 1, 49 (1926) and imp. 2, 49, 1959; Mold., Phytologia 60: 189--190 (1986) and 61: 415. 1986.

A key to help distinguish this species from other Indonesian taxa in this genus will be found under *C. klemmei* Elm. in the present series of notes [61: 410--415].

CLERODENDRUM HEXANGULATUM Thomas

Additional bibliography: Mold., *Phytologia* 60: 190--191. 1986.

A key to help distinguish this species from others in Section *Siphonocalyx* will be found under *C. mildbraedii* Thomas in the present series of notes [62: 196--198].

CLERODENDRUM HILDEBRANDTII Vatke

Additional bibliography: Engl., *Bot. Jahrb.* 28: 465. 1900; Mold., *Phytologia* 60: 191--194. 1986.

Engler (1900) cites Goetze 77 from Tanzania, records the vernacular name, "kebabu", and describes the species as "Ein 12--15 m hoher Baum mit breite Krone und hartem Holz, welches zu Tumbi bearbeitet wird." Goetze encountered the plant in sandy laterite soil.

CLERODENDRUM HIRCINUM Schau.

Additional bibliography: Mold., *Phytologia* 60: 194--197 & 466. 1986.

CLERODENDRUM HISPIDUM M. R. Henderson

Additional bibliography: P. Holmgren & al., *Ind. Vasc. Pl. Type Microf.* 442. 1985; Mold., *Phytologia* 60: 197--199 (1986) and 61: 465. 1987.

CLERODENDRUM HUMBERTI Mold.

Additional bibliography: P. Holmgren & al., *Vasc. Pl. Type Microf.* 441. 1985; Mold., *Phytologia* 60: 267--268. 1986.

CLERODENDRUM HUMILE Chiov.

Additional bibliography: Mold., *Phytologia* 60: 268--269 & 364. 1986.

CLERODENDRUM IMPENSUM Thomas

Additional bibliography: P. Holmgren & al., *Vasc. Pl. Type Microf.* 441. 1985; Mold., *Phytologia* 60: 269--270. 1986.

CLERODENDRUM IMPENSUM var. *BUCHNEROIDES* Thomas

Additional bibliography: P. Holmgren & al., *Vasc. Pl. Type Microf.* 441. 1985; Mold., *Phytologia* 60: 269--270. 1986.

CLERODENDRUM INAEQUIPETIOLATUM Good

Additional bibliography: Mold., *Phytologia* 60: 270--271, 364, & 463 (1986), 61: 334 (1986), and 62: 191. 1987.

CLERODENDRUM INCISUM Klotzsch

Additional bibliography: "W. W.", *Garden Lond.* 42: 563. 1892; Meeuse, *Blumea* 5: 74. 1942; Bruggeman, *Trop. Pl. pl.* 232. 1957; P. Holmgren & al., *Vasc. Pl. Type Microf.* 441. 1985; Mold., *Phytologia* 60: 271--281 (1986) and 61: 23, 26, & 410. 1986.

Additional illustrations: Bruggeman, *Trop. Pl. pl.* 232. 1957.

A key to help distinguish this species from other Indonesian wild and cultivated taxa in this genus will be found under *C. klemmei* Elm. in the present series of notes [61: 410--415].

López-Palacios (1977) lists this species as cultivated in Venezuela, citing *Aristeguieta* 6163, but it is probable that this collection will prove to be its var. *macrosiphon* (Hook. f.) J. G. Baker.

CLERODENDRUM INCISUM var. *AFZELII* Mold.

Additional bibliography: Mold., *Phytologia* 60: 276. 1986.

A key to help distinguish this taxon from other Madagascar taxa in this genus will be found under *C. baronianum* Oliv. in the present series of notes [58: 184--190].

CLERODENDRUM INCISUM var. *MACROSIPHON* (Hook. f.) J. G. Baker

Additional & emended bibliography: Knuth, *Handb. Blütenbiol.* 3 (2): 77. 1905; Bakh. in Lam & Bakh., *Bull. Jard. Bot. Buitenz.*, ser. 3, 3: 74, 79--80, 109, & ix. 1921; Rehnelt, *Pareys Blumengärtn.*, ed. 1, 280. 1932; Meeuse, *Blumea* 5: 74. 1942; Cave, *Ind. Pl. Chromos. Numb.* 2: 330. 1964; Bose, *Handb. Shrubs* 10 & 42. 1965; Schroeder, *Biol Abstr.* 50: 10807. 1969; Mold., *Phytologia* 61: 23 & 26 (1986) and 62: 317. 1987.

Additional & emended illustrations: Knuth, *Handb. Blütenbiol.* 3 (2): 77. 1905; Wigman, *Teysmannia* 23: 284/285, fig. 5. 1912; Sharma & Mukhopadhyay, *Journ. Genet.* 53: 381, pl. 9, fig. 6 [cytol.]. 1963.

A writer in *The Garden* (London) in 1892 says: "*C. macrosiphon*, from Zanzibar, is a compact little shrub of free growth, forming numerous upright branches, clothed with small-lobed leaves and terminal clusters of erect, long-tubed, white, sweet-scented flowers. It is deciduous, resting in winter and flowering in June. Plants of it may be seen flowering freely every summer in the stoves at Kew, wither it was sent about ten years ago by Sir John Kirk when British representative at Zanzibar."

Bose (1965) describes the plant as a "dwarf bushy shrub...propagated by ground layering". Hore & Bose (1968) report that Cycocal in 8000 ppm improves flowering and inhibits shoot growth and, in their experiments gave "100% increase in the number of flowers produced".

The *Aristeguieta* 6163, cited by López-Palacios (1977) as typical *C. incisum* Klotzsch, will probably prove to be the var. *macrosiphon* instead.

CLERODENDRUM INCISUM var. *PARVIFOLIUM* Mold.

Additional bibliography: López-Palacios, *Fl. Venez. Verb.* 264. 1977; P. Holmgren & al., *Ind. Vasc. Pl. Type Microf.* 441. 1985; Mold., *Phytologia* 60: 281. 1986.

A key to help distinguish this taxon from other Madagascar taxa in this genus will be found under *C. baronianum* Oliv. in the present series of notes [58: 184--190].

CLERODENDRUM INDICUM (L.) Kuntze

Additional synonymy: *Clerodendron angustifolium* Hassk. ex Bakh. in Lam & Bakh., *Bull. Jard. Bot. Buitenz.*, ser. 3, 3: viii. 1921. *Clerodendron siphonatum* Corbin, *Amer. Eagle Hort. Rev.* 42 (14): 6. 1947.

Additional & emended bibliography: Sweet, Hort. Brit., ed. 1, 2: 322. 1827; C. B. Clarke, Journ. Linn. Soc. Lond. Bot. 25: 57. 1890; Mold. in Pulle, Fl. Surin. 4 (2): 314 & 316--317. 1940; Corbin, Amer. Eagle Hort. Rev. 42 (14): 6. 1947; Hocking, Dict. Terms Pharmacog., ed. 1, 53. 1955; Mold., Phytologia 61: 23--30, 88, 90, 183, 187, 395, & 412 (1986), 62: 139, 206, & 312 (1987), and 63: 62. 1987.

Keys to help distinguish this species from other Delhi and Indian medicinal species in this genus will be found under *C. inerme* (L.) Gaertn. and from other Indonesian taxa under *C. klemmei* Elm. in the present series of notes [61: 88--90 and 61: 410--415].

CLERODENDRUM INDICUM f. *SEMISERRATUM* (Wall.) Mold.

Additional bibliography: Mold., Phytologia 61: 26 & 30. 1986.

CLERODENDRUM INERME (L.) Gaertn.

Additional synonymy: *Clerodendron neriifolium* Vahl ex A. F. Broun, Journ. Linn. Soc. Lond. Bot. 37: 58. 1905.

Additional & emended bibliography: Lour., Fl. Cochinch., ed. 1, imp. 1, 2: 388. 1790; Steud., Nom. Bot. Phan., ed. 1, 207, 889, & 890. 1821; Sweet, Hort. Brit., ed. 1, 2: 322. 1827; A. F. Broun, Journ. Linn. Soc. Lond. Bot. 37: 58. 1905; Hiern, Journ. Bot. Brit. 44: Ind. 44. 1906; Pulle in Lorentz, Nova Guinea, ser. 1, 8: 402. 1910; Lévillé, Fl. Kouy-Tchéou 442. 1915; H. J. Lam, Verbenac. Malay. Arch. 251, 252, 318, & 363. 1919; J. G. Baker in Rendle, Journ. Bot. Brit. 63: Suppl. 81. 1925; Meeuse, Blumea 5: 74. 1942; Jacks. in Hook. f. & Jacks., Ind. Kew., imp. 2, 1: 560 (1946) and imp. 2, 2: 1219. 1946; Arthur, Sympos. Phytochem. 241. 1954; Jacks. in Hook. f. & Jacks., Ind. Kew., imp. 3, 1: 560 (1960) and imp. 3, 2: 1219. 1960; Lour., Fl. Cochinch., ed. 1, imp. 2, 2: 388. 1967; Ganapaty & Rao, Indian Journ. Pharm. Sci. 47: 167--168. 1985; P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 442. 1985; Mold., Phytologia 61: 166--169, 183, 272, 276, 277, 410, 415, & 419. 1986; Tomlinson, Bot. Mangr. 186. 1986; Mold., Phytologia 61: 458, 479, & 482--485 (1987), 62: 81, 139, 206, 319, & 320 (1987), and 63: 62. 1987.

A key to help distinguish this species from other Taiwanese taxa in this genus will be found under *C. intermedium* Cham. in the present series of notes [61:276].

Meeuse (1942) asserts, apparently quite correctly, that "*Cl. inerme* and *Cl. neriifolium* cannot be regarded as distinct species, for they are linked by a continuous series of intermediate forms".

The "*Volkameria inermis* L." of Gonzalez (1881) is actually *C. ligustrinum* (Jacq.) R. Br., which see.

Baker (1925) cites Forbes 1802 for *C. inerme* from Sumatra.

Broun (1905) record an unidentified species of *Clerodendrum* from termite hills along the Upper Nile which he claims is "near *neriifolium* Vahl."

Ganapaty & Rao (1985) have isolated the triterpenoids β -sitosterol, α -amyrin acetate, lupeol, ursolic acid, and betulinic acid from the stem-bark of *Clerodendrum inerme* in India.

CLERODENDRUM INERME f. *PARVIFOLIUM* Mold.

Additional bibliography: Sweet, Hort. Brit., ed. 1, 2: 322. 1827; Thiselt.-Dyer, Ind. Kew. Suppl. 2: 43. 1904; P. Holmgren & al., Ind. Vasc. Pl. Type Microf. 442. 1985; Mold., Phytologia 61: 166--169 (1986) and 61: 484. 1987.

CLERODENDRUM INFORTUNATUM L.

Additional & emended bibliography: Lour., Fl. Cochinch., ed. 1, imp. 1, 2: 387--388. 1790; Sweet, Hort. Brit., ed. 1, 2: 322. 1827; Van Houtte, Fl. Serres, ser. 1, 9: 18. 1853; Forbes & Hemsl., Journ. Linn. Soc. Lond. Bot. 26: [Ind. Fl. Sin. 2]: 261. 1890; Hiern, Journ. Bot. Brit. 44: Ind. 13. 1906; Meeuse, Blumea 5: 75--77. 1942; Lour., Fl. Cochinch., ed. 1, imp. 2, 2: 387--388. 1967; Mold., Phytologia 61: 169--188, 275, 327, 379, 388--390, 394, & 396 (1986) and 62: 139, 200, 206, 312, & 327. 1987.

The Ramos & Edaño, Herb. Philip. Bur. Sci. 37836, distributed as *C. infortunatum*, actually is *C. multibracteatum* Merr., which see.

CLERODENDRUM INGRATUM Lauterb. & K. Schum.

Additional bibliography: Mold., Phytologia 61: 188, 270--271, & 412. 1986.

CLERODENDRUM INTERMEDIUM Cham.

Additional synonymy: *Clerodendron paniculatum* Perr., Mem. Soc. Linn. Paris 3: 110. 1824 [not *Clerodendrum paniculata* L., 1767, nor Perry, 1972, nor *C. paniculatum* Willd., 1812, nor *Clerodendron paniculata* L., 1912, nor *C. paniculatus* L., 1973, nor *C. paniculatum* L., 1819, nor *Clerodendrum paniculatum* Retz., 1772, nor *Clerodendrom paniculatum* Menninger, 1960].

Additional bibliography: E. D. Merr., Philip. Journ. Sci. Bot. 3: 431. 1909; Jacks. in Hook. f. & Jacks., Ind. Kew., imp. 2, 1: 561 (1946), imp. 2, 2: 1219 (1946), imp. 3, 1: 561 (1960), and imp. 3, 2: 1219. 1960; Mold., Phytologia 61: 272--280, 327, 331, 338, 393, & 395--397 (1986) and 63: 51, 57, & 62. 1987.

The various homonymy listed in the synonymy (above) all belong in the synonymy of the true *Clerodendrum paniculatum* L., which see.

Merrill (1909) cites *Fenix* 4145 from Camiguin island in the Philippines and comments that the species is "Very common and widely distributed in the Philippines, but with very closely allied forms found both in Formosa and in Celebes."

The Clemens & Clemens 4383 and Villamil 128, distributed as *C. intermedium*, actually are *C. paniculatum* L.

CLERODENDRUM INVOLUCRATUM Vatke

Additional bibliography: Mold., Phytologia 61: 280--282 & 335 (1986) and 61: 475. 1987.

The d'Alleizette 1080m, distributed as *C. involucratum*, actually is *C. laxiflorum* J. G. Baker.

[to be continued]



Moldenke, Harold N. 1987. "NOTES ON THE GENUS CLERODENDRUM VERBENACEAE XXXVII." *Phytologia* 63, 102–126.

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