

in some herbaria is *F. amicorum* (Seem.) Seem. or *F. ovalifolia* (A. Gray) Seem. On the other hand, the Bryan 341, distributed as *F. vitiensis*, actually is *F. lehuntei* (Horne) A. C. Sm., Degener & Ordenez 13762 is the type collection of *F. lehuntei* var. *degeneri* (Mold.) Mold., Gillespie 2616, 2979, & 3290, Parks 20386 & 20439, and Setchell & Parks 15018 are *F. ovalifolia* (A. Gray) Seem., and Greenwood 966 is *F. ovalifolia* var. *glabra* Mold.

Citations: FIJI ISLANDS: Ovalau: E. H. Bryan 612 (Bi). Vanua Levu: A. C. Smith 1717 (Bi, Ca--602344, N, S, W--1676293). Viti Levu: Degener & Ordenez 13619 (A, Bi, N); J. W. Gillespie 2596 (Bi), 3640 (Bi), 3738 (Bi); C. Skottsberg s.n. [Oct. 13, 1938] (Go, Go); A. C. Smith 5740 (W--1966156), 5859 (Bi, N), 9004 (Ld), 9091 (Hk, N), 9199 (Hk).

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ADDITIONAL NOTES ON THE GENUS *CONGEA*. III

Harold N. Moldenke

CONGEA Roxb.

Additional synonymy: *Congtia* [Roxb.] ex Mold., Phytol. Mem. 2: 395, in syn. 1980.

Additional & emended bibliography: Roxb., Hort. Beng., imp. 1, 46 & [95]. 1814; Endl., Gen. Pl. 1: 638. 1838; Reichenb., Deutsch. Bot. [Repert. Herb. Nom.] 108. 1841; Walp., Repert. Bot. Syst. 4: 116--118 & 134. 1845; Lindl., Veget. Kingd. 664. 1846; A. L. Juss. in Orbigny, Dict. Univ. Hist. Nat. 13: 185. 1849; W. Griff., Notul. Pl. Asiat., imp. 1, 4: 174--175 & 513, pl. 458, fig. 21. 1854; Bocq. in Baill., Rec. Obs. Bot. 3: 180 & 181. 1863; Pfeiffer, Nom. Bot. 1 (1): 64 (1873) and 2 (2): 989, 1570, & 1593. 1874; Kurz, Forest Fl. Brit. Burma 2: 252 & 256. 1877; Durand, Ind. Gen. Phan. 322. 1888; Collett & Hemsl., Journ. Linn. Soc. Lond. Bot. 28: 111. 1890; Baill., Hist. Pl. 11: 93, 94, & 121. 1891; Briq. in Engl. & Prantl, Nat. Pflanzenfam., ed. 1, 4 (3a): 133 & 179--181, fig. 67 G & H. 1895; Post & Kuntze, Lexicon 91 & 689. 1904; F. N. Williams, Bull. Herb. Boiss., ser. 2, 5: 432. 1905; King & Gamble, Journ. Asiat. Soc. Beng. 74 (2 extra): 795, 861, & 864--867. 1908; D. H. Scott in Solered. [transl. Boodle & Fritsch], Syst. Anat. Dicot. 2: 1020 & 1021. 1908; Ridl., Journ. Roy. Asiat. Soc. Straits 59: 158. 1911; Firminger, Man. Gard. India, ed. 6, 2: 389. 1918; J. C. Willis, Dict. Flow. Pl., ed. 5, 169. 1925; Funke, Ann. Jard. Bot. Buitenz. 41: 55. 1930; Navarro Haydon, Flor. Comun. Puerto Rico [12]. 1936; Fletcher, Kew Bull. Misc. Inf. 1938: 208--209, 401, 405--407, 409, & 439--440. 1938; Lemée, Dict. Descrip. Syn. Gen. Pl. Phan. 8b: 657, 995, & 1024. 1943; Metcalfe & Chalk, Anat. Dicot. 2: 1031, 1033, 1035, 1037, 1040, & 1041. 1950; J. C. Willis, Dict. Flow. Pl., ed. 6, 169. 1951; Cor-

ner, *Wayside Trees*, ed. 2, 695. 1952; Brandis, *Indian Trees*, imp. 5, 502, 513, & 514. 1971; López-Palacios, *Revist. Fac. Farm. Univ. Andes* 20: 27. 1979; Fosberg & Renvoize, *Fl. Aldabra* [Kew Bull. Add. Ser. 7:] 219 & 222--223. 1980; Liu & Yu, *Act. Bot. Yunnan*. 2: 455 & 456. 1980; Mold., *Phytologia* 45: 209--216, 270--280, 403, 406, 407, 409, 411, 439--440, 505, 506, & 510 (1980) and 46: 47, 49, 50, 53, 54, 57, 124--127, 132, 133, 156, 157, 159, 160, 167, 506, 507, & 510. 1980; Mold., *Phytol. Mem.* 2: 5, 80, 93, 95, 97, 107, 219, 260, 270, 272, 275, 278, 285, 288, 290, 292, 296, 307, 314, 352, 394, 395, 409, 436, & 518. 1980; Roxb., *Hort. Beng.*, imp. 2, 46 & [95]. 1980; Geesink, Leeuwenberg, Ridsdale, & Veldkamp, *Thonn. Analyt. Key* 174 & 178. 1981; Mold., *Phytologia* 50: 255 & 505. 1982.

CONGEA CHINENSIS Mold.

Additional bibliography: Mold., *Phytologia* 45: 55, 56, 60, 61, & 273. 1980; Mold., *Phytol. Mem.* 2: 272, 278, 395, & 518. 1980.

CONGEA CHINENSIS var. *LATIBRACTEATA* Munir

Additional bibliography: Mold., *Phytologia* 45: 55. 1980; Mold., *Phytol. Mem.* 2: 272 & 518. 1980.

CONGEA CONNATA Fletcher

Additional bibliography: Mold., *Phytologia* 45: 55--56 & 60--62. 1980; Mold., *Phytol. Mem.* 2: 285, 288, & 518. 1980.

CONGEA FORBESII King & Gamble

Additional bibliography: Mold., *Phytologia* 45: 210 & 275. 1980; Mold., *Phytol. Mem.* 2: 314 & 518. 1980.

CONGEA FORBESII var. *RIDLEYANA* Munir

Additional bibliography: Mold., *Phytologia* 45: 57. 1980; Mold., *Phytol. Mem.* 2: 296, 314, & 518. 1980.

CONGEA GRIFFITHIANA Munir

Additional & emended bibliography: Baill., *Hist. Pl.* 11: 94. 1891; Fletcher, *Kew Bull. Misc. Inf.* 1938: 405, 407, 439, & 440. 1938; Brandis, *Indian Trees*, imp. 5, 513 & 514. 1971; Fosberg & Renvoize, *Fl. Aldabra* [Kew Bull. Add. Ser. 7:] 222--223. 1980; Mold., *Phytol. Mem.* 2: 219, 272, 275, 285, 290, 296, 307, 352, & 518. 1980.

CONGEA GRIFFITHIANA var. *ELLIPTICA* Munir

Additional bibliography: Mold., *Phytologia* 45: 210. 1980; Mold., *Phytol. Mem.* 2: 272, 395, & 518. 1980.

Congdon encountered this plant in evergreen forests, at 20--200 m. altitude, in flower in December, and distributed it to herbaria as *C. vestita* W. Griff.

Additional citations: THAILAND: *Congdon* 358 (Ac).

CONGEA HANSENII Mold.

Additional bibliography: Mold., *Phytologia* 45: 60. 1980; Mold., *Phytol. Mem.* 2: 285 & 518. 1980.

CONGEA xMUNIRI Mold.

Additional bibliography: Mold., *Phytologia* 45: 60--61. 1980; Mold., *Phytol. Mem.* 2: 292, 395, & 518. 1980.

CONGEA PEDICELLATA Munir

Additional bibliography: Mold., *Phytologia* 45: 61--62, 211, 216, 274, 276, & 278--280. 1980; Mold., *Phytol. Mem.* 2: 285, 290, 292, 395, & 518. 1980.

CONGEA ROCKI Mold.

Additional bibliography: Mold., *Phytologia* 45: 62 & 273. 1980; Mold., *Phytol. Mem.* 2: 285 & 518. 1980.

CONGEA SIAMENSIS Fletcher

Additional bibliography: Mold., *Phytologia* 45: 210 & 273. 1980; Mold., *Phytol. Mem.* 2: 272, 285, & 518. 1980.

CONGEA TOMENTOSA Roxb.

Additional & emended bibliography: Roxb., *Hort. Beng.*, imp. 1, [95]. 1814; Walp., *Repert. Bot. Syst.* 4: 116 & 117. 1845; Collett & Hemsl., *Journ. Linn. Soc. Lond. Bot.* 28: 111. 1890; Briq. in Engl. & Prantl, *Nat. Pflanzenfam.*, ed. 1, 4 (3a): 179--181, fig. 67 G & H. 1895; D. H. Scott in Solered. [transl. Boodle & Fritsch], *Syst. Anat. Dicot.* 2: 1021. 1908; Ridl., *Journ. Roy. Asiat. Soc. Dtraits* 59: 158. 1911; Firminger, *Man. Gard. India*, ed. 6, 2: 389. 1918; Navarro Haydon, *Flor. Comun. Puerto Rico* [12]. 1936; Fletcher, *Kew Bull. Misc. Inf.* 1938: 401, 405, 439, & 440. 1938; Metcalfe & Chalk, *Anat. Dicot.* 2: 1037. 1950; Brandis, *Indian Trees*, imp. 5, 513. 1971; Liu & Yu, *Act. Bot. Yunnan.* 2: 455 & 456. 1980; Mold., *Phytologia* 45: 270--279 (1980) and 46: 132 & 133. 1980; Mold., *Phytol. Mem.* 2: 80, 93, 95, 97, 107, 260, 270, 272, 278, 285, 290, 292, 296, 352, 394, 395, 409, 436, & 518. 1980; Roxb., *Hort. Beng.*, imp. 2, [95]. 1980.

Emended illustrations: Briq. in Engl. & Prantl, *Nat. Pflanzenfam.*, ed. 1, 4 (32): 180, fig. 67 G & H. 1895; Navarro Haydon, *Flor. Comun. Puerto Rico* [12]. 1936.

Recent collectors describe this plant as a woody climber, high-climbing vine, or large scrambler, to 8 m. long, with gray or pinkish bracts, sprawling over trees and shrubs in roadside thickets and in the open near rivers, and have found it at 120--1000 m. altitude, in flower in February and March. D'Arcy describes the corollas as "pale-violet" in color and 2-lipped, with the stamens orange in color and long-exserted.

Kurz (1877) reports for this species the variant vernacular name, "tha-ma-ka-nway", in Burma, and asserts that the plant is "Common in all kinds for forests except the littoral ones, all over Burma from Chittagong to Ava down to Tenasserim", flowering there in December and January. Craib (1911) gives its distribution as "Bengal, Burma, Assam", citing *Hosseus* 370, *Kerr* 533 and *Vanpruk* 163, commenting that "In the length of the calyx teeth these specimens are intermediate between the type and var. *azurea* C. B. Clarke."

Ridley (1911) and Collett & Hemsley (1890) list it from Thailand. Ridley quotes Keith as saying of it: "abounding in big trees in jungle", citing Curtis 2969 as well as unnumbered Aniff and Keith collections.

The Kiah S.158, misidentified and distributed as *C. tomentosa*, actually is *C. velutina* Wight

Additional citations: BURMA: Alsterlund 4 (Go, Go, Go, Go). THAILAND: Koyama, Phengkklai, Niyondham, Tamura, Okada, & O'Connor 15342 (Ac, N). CULTIVATED: Cuba: Eames s.n. [March 7, 1948] (It). Missouri: D'Arcy 5783 (Ba--383856). Zimbabwe: J. Scott s.n. [25. 3.1975] (Ba--371737).

CONGEA TOMENTOSA var. *NIVEA* Munir

Additional bibliography: Mold., Phytologia 45: 270, 272--276, & 278--280. 1980; Mold., Phytol. Mem. 2: 285, 288, 290, 292, 352, 395, & 518. 1980.

Additional citations: THAILAND: Noor & Munir 5 (W--2853307--isotype).

CONGEA VELUTINA Wight

Additional & emended bibliography: F. N. Williams, Bull. Herb. Boiss., ser. 2, 5: 432. 1905; Brandis, Indian Trees, imp. 5, 513. 1971; Chin, Gard. Bull. Singapore 30: 192. 1977; Mold., Phytologia 45: 61, 211, 216, 270, 273, 276--279, & 411. 1980; Mold., Phytol. Mem. 2: 260, 272, 275, 285, 296, 314, 352, 395, & 518. 1980.

The Kiah collection, cited below, was misidentified and distributed as *C. tomentosa* Roxb. and its bracts are described by the collector as having been "silvery-white".

Additional citations: CULTIVATED: New Caledonia: Déméné s.n. [McKee 37233] (Ba--386779). Singapore: Kiah S.158 (Ba--385718).

CONGEA VESTITA W. Griff.

Additional & emended bibliography: Briq. in Engl. & Prantl, Nat. Pflanzenfam., ed. 1, 4 (3a): 181. 1895; Brandis, Indian Trees, imp. 5, 513. 1971; Mold., Phytologia 45: 279--280. 1980; Mold., Phytol. Mem. 2: 272, 275, 285, 292, 296, 352, & 518. 1980.

Additional illustrations: W. Griff., Notul. Pl. Asiat., imp. 1, 4: pl. 458, fig. 21. 1854.

The Congdon 358, distributed and misidentified as *C. vestita*, actually is *C. griffithiana* var. *elliptica* Munir.

CONGEA VESTITA var. *SUBVESTITA* Munir

Additional bibliography: Mold., Phytologia 45: 279--280. 1980; Mold., Phytol. Mem. 2: 292 & 518. 1980.



Moldenke, Harold N. 1982. "Additional notes on the genus *Congea*. III." *Phytologia* 52(1), 45–48.

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