

NOTES ON FIRMIANA MARSILI (STERCULIACEAE)

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SUMMARY

Firmiana bracteata DC. is again raised to specific rank; *Firmiana subglabra* (Abraham & Dutt) Kosterm., comb. and stat. nov.

In 1956 I published a monograph of *Firmiana* Marsili with 8 species: *F. colorata* (Roxb.) R. Br., *F. diversifolia* A. Gray, *F. fulgens* (Wall. ex King) Corner, *F. hainanensis* Kosterm., *F. major* Hand.-Mazz., *F. papuana* Mildbr., *F. philippinensis* Kosterm., *F. simplex* (L.) W. Wight, in *Commun. Forest Res. Inst.* 54: 1-33, reprinted in *Reinwardtia* 4: 281-310, in 1957.

In 1961 (*Reinwardtia* 5: 383-390) the species *F. malayana* Kosterm. and *F. kerrii* (Craib) Kosterm. were added.

In 1962 (*Reinwardtia* 6: 293) *F. rubriflora* Kosterm. appeared.

In 1965 (*Reinwardtia* 7: 32) *F. minahassae* (Koord.) Kosterm. replaced *F. philippinensis* Kosterm. and in 1969 (l.c.: 441) *F. borneensis* Merr. was referred to *Sca-phium* as *S. borneensis* (Merr.) Kosterm.

This brings the score to 10 species.

In the following some additional references are quoted: *F. bracteata* DC. is again raised to specific rank and *F. subglabra* (Abraham & Dutt) Kosterm. comb. & stat. nov. is presented, which brings the number of species to 12.

Firmiana bracteata DC.

Formerly I suspected this to be merely an aberrant bracteate form of *F. colorata*, but since then not a single specimen of *F. colorata* with bracteate inflorescences has turned up, which compels me to reinstate *F. bracteata* at specific rank.

Firmiana colorata (Roxb.) R. Br.

Synonym: *Erythropsis roxburghiana* Schott & Endl. in *Wight, Illust. Ind. Bot.* 1 (1840) 76.

Firmiana major Hand.-Mazz.

Additional references: T.T. Yu, *Bull. Yunnan Bot. Inst.* 1 (1) (1941) 36; Anon., *Fl. Dendrolog. China ed. 2* (1957) 48.

Firmiana simplex (L.) W.Wight

Additional references: Merr., *Philipp. J. Sci.* 13 (1918) Bot. 308; Kaneh., *Ident. Import. Japan. Woods* (1921) 8; *Anat. Charac. & Ident. Formos. Woods* (1921) 46, pl. 8, f. 46 & 47; Mori, *Enum. Pl. Corea* (1923) 250; Rehder, *J. Arnold Arbor.* 8 (1927) 174; F.K. Nyi (Yen), *Contr. Biol. Lab. Sci. Soc. China* 5 (3) (1929) 1–25; Crook, *Flow. Pl. Hongkong in The Yellow Dragon* 28–31 (1930) 77; Y. Tang, *Bull. Fan Mem. Inst.* 3 (1932) 310, pl. 13, f. 49; F.K. Yen, *Bot. Gaz.* 93 (1932) 205–212; J.C. Liu, *Syst. Bot. Flow. Pl. N. China ed. 2* (1934) 96, t. 190 (in Chinese); T.C. Yu, *Bull. Yunnan Bot. Inst.* 1 (1) (1941) 36 (in Chinese); Howard, *Man. Timbers World ed. 3* (1951) 646; Anon., *Enum. Pl. Civit. Shanghai* (1959) 397, t. 238 (in Chinese); Psi et al., *Popular Medic. Pl. China* (1959) 397, t. 238 (in Chinese); *Auct. div., Insecticid. Pl.* (1959) 100, t. 115 (in Chinese); Morrison, *Nat. Hort. Mag.* 38 (1959) 58; Kozima et al., *J. Chem. Soc. Japan, Pure Chem. Sect.* 82 (1) (1961) 134 (in Japanese).

Sub *F. platanifolia*: Wight, *Illust. Ind. Bot.* 1 (1840) 76; Dragendorff, *Heilpfl.* (1898) 432.

Sub *Sterculia platanifolia*: Link, *Enum. Hort. Berol.* 2 (1822) 6.

Firmiana subglabra (Abraham & Dutt) Kosterm., *comb. & stat. nov.*

Firmiana colorata (Roxb.) R. Br. var. *subglabra* Abraham & Dutt, *The Indian Forester* 107 (1981) 364–367, tab. — **T y p e s :** *Dutt 139A* (BLAT, holo; K), Trombay near Bombay; *Dutt 2128A* (BLAT, para).

The very pronounced acumina of the leaf lobes, as depicted, the colour of the flowers, their sparse indumentum, merits species status for this taxon.