

Family 145A. XANTHOPHYLLACEAE

Revision:

Meijden, R van der. 1988. *Polygalaceae*. Flora Malesiana series 1,10: 493-539; pp. 455-493 treat *Polygalaceae sensu stricto*.

1. *Xanthophyllum* Roxburgh

Revision:

Meijden, R van der. 1982. Leiden Botanical Series 7: ----

Xanthophyllum affine Korth. ex Miq., Ann. Mus. Bot. Lugd.-Bat. 1 (1864) 271; --Merr., EPFP 2 (1923) 386, pro parte, sub *X. excelsum*; --Meijden, Fl. Males. ser. 1, 10 (1988) 503.

India (Khasya), Thailand, Laos, Sumatra, Banka, Peninsular Malaysia, Borneo (Sarawak; Brunei; Sabah), Philippines. BUSUANGA, CULION, PALAWAN. Low and medium altitude primary forests.

Xanthophyllum angustigemma Meijden, Leiden Bot. Ser. 7 (1982) 104; Fl. Males. ser. 1, 10 (1988) 519;

LUZON, SAMAR. 2 collections. Low and medium altitude forests.

Xanthophyllum bracteatum Chodat, Bull. Herb. Boiss. 4 (1896) 258; --Merr., EPFP 2 (1923) 386; --Meijden, Leiden Bot. Ser. 7 (1982) 105, Fig. 15; Fl. Males. ser. 1, 10 (1988) 519, Fig. 21.

LUZON: Isabela (Palanan), Quezon, Laguna, Camarines. Low and medium altitude primary forests.

Xanthophyllum discolor Chodat, Bull. Herb. Boiss. 4 (1896) 257.

var. *macranthum* Meijden, Bot. J. Linn. Soc. 67 (1973) 118; Leiden Bot. Ser. 7 (1982) 109, Fig. 3a-q; Fl. Males. ser. 1, 10 (1988) 520.

Xanthophyllum flavovirens Elmer, LPB 10 (1939) 3776, not validly published, no Latin descr. --Voucher: Elmer 16902 (MO*, NA*, NY*, iso). Luzon: Sorsogon prov., Irosin, Mt Bulusan, among shrubberies of light woods at c. 1250ft [=381m] altitude, Aug 1916.

Throughout the Philippines. Hill to montane forests, altitude 380-1500 (-1800) m.

Xanthophyllum flavescens Roxb., Pl. Coromandel. 3 (1820) 82, t. 284, f. 2; --Meijden, Fl. Males. ser. 1, 10 (1988) 500.

Xanthophyllum excelsum (Blume) Miq., Fl. Ind. Bat. 1² (1858) 129; --Merr., EPFP 2 (1923) 386.

Xanthophyllum floriferum Elmer, LPB 5 (1913) 1674. --Type: Elmer 12871 (L*, holo; iso: BISH*, MO*, NY*, U*, US*). Palawan: Palawan prov., Puerto Princesa, Mt Pulgar [=Thumb Peak], in rich humus-covered soil of dense forests at 750ft [=229m] on the trail to Napsan, Mar 1911.

Xanthophyllum multiramiosum Elmer, LPB 5 (1913) 1676; --Merr., PJS 27 (1925) 29. --Type: Elmer 8701 (L*, holo; iso: MO*, NY*, US*). Luzon: Benguet prov., Baguio, along a creek in pine forest, Mar 1907.

Xanthophyllum glandulosum Merr., Govt. Lab. Publ. (Philip.) 35 (1905) 34. --Type: Merrill 2335 (SING*, US*, iso). Luzon: Rizal prov., Tanay, May 1903.

Xanthophyllum loheri Merr., PJS 27 (1925) 29; EPFP 4 (1925) 252. Type: Loher 14978 (not seen). Luzon: Rizal prov., Balacbac, Jun 1912.

Throughout continental SE Asia, Sumatra, Simalur, Banka, Peninsular Malaysia, Borneo, Philippines. LUZON: Benguet, Cagayan, Zambales, Bataan, Rizal, Laguna, Sorsogon, MINDORO, PALAWAN, MASBATE, GUIMARAS, NEGROS, MINDANAO: Zamboanga. Low and medium altitude forests.

Xanthophyllum griffithii Hook.f. ex AW Bennett, Fl. Brit. Ind. 1 (1874) 210.

ssp. *angustifolium* (Ng) Meijden, Leiden Bot. Ser. 7 (1982) 94; Fl. Males. ser. 1, 10 (1988) 513.

Xanthophyllum pseudostipulaceum Merr., PJS 10 c (1915) Bot. 316; EPFP 2 (1923) 387. --Type: BS 21135 Escritor (L*, lecto, chosen by Meijden, 1981; isolecto: NY*, US*). Luzon: Isabela prov., Palanan Bay, Jun 1913.

C Sumatra, Peninsular Malaysia, Borneo (Sarawak; Sabah; E Kalimantan), N

Philippines. LUZON: Isabela, Nueva Ecija, Bulacan. Lowland forests.

Xanthophyllum impressum Meijden, Leiden Bot. Ser. 7 (1982) 90; Fl. Males. ser. 1, 10 (1988) 513.

E Borneo (E Sabah; E Kalimantan), Philippines. CATANDUANES. Lowland primary forests.

Xanthophyllum palawanense Elmer, LPB 5 (1913) 1673; --Meijden, Leiden Bot. Ser. 7 (1982) 101; Fl. Males. ser. 1, 10 (1988) 516.

Xanthophyllum cordatum Merr., EPFP 2 (1923) 386, *non* Korth. in Miq (1863-64)

LUZON: Isabela (Palanan), PALAWAN, TAWI-TAWI, JOLO. Low and medium altitude forests.

Xanthophyllum philippinense Chodat, Bull. Herb. Boiss. 4 (1896) 261; --Merr., EPFP 2 (1923) 387; --Meijden, Leiden Bot. Ser. 7 (1982) 88, Fig. 10A; Fl. Males. ser. 1, 10 (1988) 510.

LUZON: Cagayan, Nueva Ecija, Bataan, Zambales, Albay, MINDORO, MINDANAO. Lowland primary forests.

Xanthophyllum vitellinum (Blume) Dietr., Syn. Pl. (1840) 1277; --Meijden, Fl. Males. ser. 1, 10 (1988) 514.

Xanthophyllum robustum Chodat, Bull. Herb. Boiss. 4 (1896) 262; --Merr., EPFP 2 (1923) 387.

Sumatra, Siberut, Simalur, Riouw, Peninsular Malaysia (incl. Penang), Java, Borneo, Philippines. BABUYAN, LUZON: Ilocos Norte, Cagayan, Rizal, Laguna, Quezon, Camarines, Albay, MINDORO, PANAY, LEYTE, MINDANAO. Low and medium altitude primary forests.