

Family 145. POLYGALACEAE

Revision:

Meijden, R van der. 1988. *Polygalaceae*. Flora Malesiana series 1,10: 455-493; pp. 493-539 treat *Xanthophyllum* (Xanthophyllaceae).

Epirixanthes Blume

Epirixanthes cylindrica Blume, Cat. Gew. Buitenz. (1823) 82; --Merr., EPFP 2 (1923) 386; --Meijden, Fl. Males. ser. 1, 10 (1988) 491.

Myanmar, Sumatra, W Java, Borneo, Philippines, New Guinea. LUZON: Benguet, Laguna, Sorsogon, NEGROS, MINDANAO. Low and médium altitude primary forests.

Epirixanthes papuana JJ Sm., Fedde, Rep. 10 (1912) 286; --Meijden, Fl. Males. ser. 1, 10 (1988) 491.

N Sumatra, Enggano Is, W Java, Borneo, Philippines, Moluccas (Talaud, Seram), New Guinea, Solomon Isls (San Cristóbal). LUZON.

Polygala Linnaeus

Revision:

Adema, F 1966. *Blumea* 14: 256--

Polygala arillata Buch.-Ham. ex D Don, Prodr. Fl. Nepal. (1825) 199; --Meijden, Fl. Males. ser. 1, 10 (1988) 469; --Meijden, Fl. Males. ser. 1, 10 (1988) 469, Fig. 3g, h.

India, Sri Lanka, Nepal, Bhutan, S China, Hongkong, Myanmar, Thailand, Indochina, Philippines. PALAWAN. Forest understorey, altitude 850m.

Polygala chinensis L., Sp. Pl. (1753) 704; --Merr., Fl. Manila (1912) 278; EPFP 2 (1923) 383; --Meijden, Fl. Males. ser. 1, 10 (1988) 478, Fig. 12.

Polygala glomerata Lour., Fl. Cochinchin. (1790) 426; --Merr., EPFP 2 (1923) 383.

NE India to S China, Thailand and Indochina, Sumatra, Peninsular Malaysia (Penang), Java, Borneo (SE part and Sarawak), Philippines, Lesser Sunda Isls (Sumbawa, Sumba, Flores), New Guinea. LUZON: Pangasinan, Bataan, Rizal, Laguna, Cavite, GOLO, JOLO, MINDANAO: Lanao del Sur. Low to médium altitude grasslands and waste places.

Polygala japonica Houtt., Handleid. 10 (1779) 89, t. 62, Fig. 1; --Merr., EPFP 2 (1923) 384; --Meijden, Fl. Males. ser. 1, 10 (1988) 472, Fig. 6.

Sri Lanka, NE India, Myanmar, China, Japan, Korea, E Siberia, Ryukyu Isls, Taiwán, Indochina, Philippines, New Guinea, E Australia southwards to NE Victoria. LUZON: Mountain Province, Benguet, MINDANAO: Bukidnon. Open grassy slopes, altitude 700-2400m.

Polygala longifolia Poir. in Lam., Encycl. 5 (1804) 501; --Merr., EPFP 2 (1923) 384; --Meijden, Fl. Males. ser. 1, 10 (1988) 474, Fig. 8.

Sri Lanka, India, Nepal, Thailand, Indochina, China, Ryukyu Isls, N Sumatra, N Borneo, Philippines, SW Sulawesi, Lesser Sunda Isls (Sumba), Moluccas (Kai Isls), New Guinea (throughout), N Australia. LUZON: Mountain Province, Nueva Vizcaya), CULION, MINDANAO: Cotabato. Open grasslands to 1300m altitude. Rare.

Polygala malesiana Adema, Blumea 14 (1966) 257, Fig. 3, 4; --Meijden, Fl. Males. ser. 1, 10 (1988) 463, Fig. 1i-k.

Polygala cardiocarpa (non Kurz, 1872) Ridl., Fl. Mal. Pen. 1 (1922) 139, pro parte; --Merr., PJS 13 c (1918) Bot. 20; EPFP 2 (1923) 383.

Peninsular Malaysia, Lesser Sunda Isls (Sumba, Flores), Philippines, SE Sulawesi (Tukangbesi Isls), Moluccas (Buru, Seram, Kai and Aru Isls), W New Guinea (Sorong and Bird's Head Peninsula). NEGROS: Negros Oriental (near Dumaguete), BOHOL. Low altitudes.

Polygala paniculata L., Syst. ed. 10 (1759) 1154; --Meijden, Fl. Males. ser. 1, 10 (1988) 475.

Native of the neotropics, from Brazil to Mexico. A recent introduction to the Philippines: NEGROS (Cuernos de Negros), LEYTE (Tongonon), MINDANAO (Mt Kitanglad & Mt Apo). Apparently naturalized. Waste places and fields, often abundant on various soil types, usually at medium altitudes.

Polygala persicariaefolia DC, Prodr. 1 (1824) 236; --Merr., EPFP 2 (1923) 384; --Meijden, Fl. Males. ser. 1, 10 (1988) 473, Fig. 7.

Polygala persicariaefolia var. *wallichiana* Chodat, Mém. Soc. Phys. Hist. Nat. Genève 31² (1893) 331; --Merr., EPFP 2 (1923) 384.

Polygala septemnervia Merr., PJS 1 (1906) Suppl. 202. --Type:

Africa (Angola via South Africa to Etiopía), India, Upper Myanmar, Thailand, S China (Yunnan), Sumatra (N half), E Java, Lesser Sunda Isls (Bali, Lombok, Flores, Timor, Alor), Philippines, throughout New Guinea, Australia (N Queensland). LUZON: Mountain Province, Benguet, Cavite. Open grassy slopes, altitude 500-1800m.

Polygala polifolia C Presl, Rel. Haenk. 2 (1830) 101; --Merr., EPFP 2 (1923) 384; --Meijden, Fl. Males. ser. 1, 10 (1988) 476, Fig. 11.

Pakistan, Sri Lanka, India, Bangladesh, Thailand, Indochina, China, Hongkong, Taiwán, Ryukyu Isls, Sumatra, Peninsular Malaysia, ?Java, Lesser Sunda Isls (Sumba), Philippines, Sulawesi, Moluccas (Seram, Ambon), New Guinea, N Australia, Micronesia (Ponape). LUZON: Ilicos Norte, Mountain Province, Benguet, Cagayan, Tarlac, Rizal, MINDORO, SEMIRARA, MINDANAO. Lowland and médium altitude grasslands.

Polygala tatarinowii Regel, Bull. Soc. Nat. Moscou 34 (1861) 523, t. 7, Fig. 10, 11; --Meijden, Fl. Males. ser. 1, 10 (1988) 462, Fig. 1a-h.

Polygala triphylla (non Buch.-Ham. *non* Buch.-Ham. ex D Don (1825) Royle, Ill. (1839) t. 19D, *non* Burm.f. 1768, *pro parte*; --Merr., EPFP 2 (1923) 384.

Iran to N China, Korea, E Liberia, Japan, Taiwán, Philippines, New Guinea (Sepik). LUZON, MINDANAO.

Polygala triflora L., Sp. Pl. 3 (1803) 877; --Adema, Blumea 14 (1966) 273, pro parte; *ibid.* 17 (1969) 269; --Meijden, Fl. Males. ser. 1, 10 (1988) 481, Fig. 16.

Polygala elongata Merr., PJS 13 c (1918) Bot. 20; EPFP 2 (1923) 383, non Klein in Willd. (1803).

Sri Lanka, continental SE Asia, N Sumatra, N Borneo, Philippines, Sulawesi, Moluccas (Ternate), New Guinea. LUZON, PALAWAN, MINDANAO: Cotabato, Bukidnon. Low altitude grasslands, rare.

Polygala venenosa Juss. ex Poir. *in* Lam., Encycl. 5 (1804) 494; --Merr., EPFP 2 (1923) 385; --Meijden, Fl. Males. ser. 1, 10 (1988) 468, Fig. 3e, f.

Peninsular Thailand (Pattani), Sumatra, Peninsular Malaysia, Java, Borneo, Philippines.

Salomonía Loureiro

Salomonina cantoniensis Lour., Fl. Cochinch. (1790) 14; --Merr., EPFP 2 (1923) 385; E India and Nepal, Bangladesh, SW China (Yunnan), Myanmar, Thailand, S Vietnam, Sumatra, Nias, Riouw Archipelago, Banka, Peninsular Malaysia, Langkawi Isls, Java, Madura, Lesser Sunda Isls (Sumbawa, Timor), Borneo, Philippines, Moluccas (Seram, Ambon, Tinambur Isls, Misool. Not recorded from New Guinea. Records from Japan and Australia are erroneous. LUZON: Mountain Province, PANAY, MINDANAO: Lanao del Sur. Medium altitude thickets and open slopes.

Salomonina ciliata (L.) DC, Prodr. 1 (1824) 334; --Merr., Fl. Manila (1912) 279; EPFP 2 (1923) 386; --Meijden, Fl. Males. ser. 1, 10 (1988) 487.

Sri Lanka, Bangladesh, S & E India, Myanmar, Thailand, Indochina, China, Japan, S Korea, Taiwan, Ryukyu Isls, Marianas (Guam), Carolines (Yap), Sumatra, Banka, Billiton, W Java, Madura, Borneo (N Sarawak, Brunei, Sabah), Karimata Is, Philippines, Sulawesi, Moluccas (Sula & Tanimbar Isls), New Guinea. LUZON: Ilocos Sur, Mountain Province, Benguet, Bulacan, Rizal. Low and medium altitude grasslands.

Securidaca Linnaeus

Securidaca atrovioleacea Elmer, LPB 5 (1913) 1671; --Merr., EPFP 2 (1923) 385; --Meijden, Fl. Males. ser. 1, 10 (1988) 484. --Type: PALAWAN. Disturbed lowland forests on ultramafic soil.

Securidaca inappendiculata Hassk., Flora 25² (1842) Beibl. 2, 32.

ssp. corymbosa (Turcz.) Meijden, Fl. Males. ser. 1, 10 (1988) 484; --Securidaca corymbosa Turcz., Bull. Soc. Nat. Moscou 27² (1854) 360; --Merr., EPFP 2 (1923) 385.

LUZON: Benguet, Nueva Vizcaya, Pangasinan, Bataan, Rizal, Laguna, Quezon, MINDORO, NEGROS. Low and medium altitude forests.

Securidaca philippinensis Chodat, Bull. Herb. Boiss. 4 (1896) 233; --Merr., EPFP 2 (1923) 385; --Meijden, Fl. Males. ser. 1, 10 (1988) 484. --Type:

Borneo (Sarawak), Philippines, Sulawesi, Moluccas (Ambon, Buru). LUZON: Sorsogon, PALAWAN, PANAY, NEGROS, BOHOL, LEYTE, MINDANAO: Lanao del Sur. Low and medium altitude primary forests.