

Family 91. RANUNCULACEAE

Literature:

Eichler, HJ. 1958. *Bibl. Bot. Heft* 124: 1-110.

1. *Anemone* Linnaeus

Anemone vitifolia Ham. in DC, *Syst.* 1 (1818) 211; --Merr. & Rolfe, *PJS* 3 c (1908) Bot. 99; --Merr., *op. cit.* 5 c (1910) Bot. 348.

Himalayan region to S China, Taiwan, N Philippines.

LUZON: Mountain Province, Ifugao, Benguet. On slopes, ravines, exposed outcrops, 1400-2400m.

2. *Clematis* Linnaeus

Clematis javana DC, *Syst.* 1 (1817) 252.

Clematis gouriana Roxb., *Hort. Beng.* (1814) 43, *nom. nud.*, *Fl. Ind. ed.* 2, 2 (1832) 670; --Fern.-Villar, *Novis. App.* (1880) 1; --Vidal, *Sinopsis Atlas* (1883) 11, t. 1, Fig. B; Phan. *Cuming. Philip.* (1885) 91; *Rev. Pl. Vasc. Filip.* (1886) 35; --Merr., *EPFP* 2 (1923) 141.

India to Malaya, or, if considered as a variety of *Clematis vitalba* L., extending to Europe. N LUZON to MINDANAO. Thickets and forests at low and medium altitudes, ascending to 1500m.

Clematis leschenaultiana DC, *Syst.* 1 (1818) 151; --Rolfe, *J. Bot.* 23 (1885) 209; --Vidal, *Rev. Pl. Vasc. Filip.* (1886) 35; --Merr., *PJS* 5 c (1910) Bot. 348; *EPFP* 2 (1923) 141.

var. *leschenaultiana*

S China, Taiwan, Indochina, Sumatra, Java, Moluccas, and the Philippines.

LUZON: Benguet, MINDANAO: Davao. In thickets, altitude 1000-1600m.

var. *subglabrifolia* Merr., *PJS* 10 c (1915) Bot. 303; *EPFP* 2 (1923) 142. --Type:

LUZON: Mountain Province, Ifugao. In thickets, at or above 1500m.

Clematis macgregorii Merr., *PJS* 10 c (1915) Bot. 347; *EPFP* 2 (1923) 142. --Type:

LUZON: Benguet. Lower borders of the mossy forests, c. 2000m.

Clematis meyeniana Walp., *Nov. Act. Acad. Nat. Cur.* 19, suppl. 1 (1843) 297; --Merr. & Rolfe, *PJS* 3 c (1908) Bot. 98.

var. *insularis* Sprague, *Kew Bull.* (1916) 46; --Merr., *EPFP* 2 (1923) 142. --Type:

Ryukyus to Taiwan and Philippines: N LUZON (Cordillera Highlands). The species further extends to Myanmar, Indochina, C and S China. In thickets, borders of forests, etc., 1600-2200m.

Clematis smilacifolia Wall., *As. Research* 13 (1820) 402; --Fern.-Villar, *Novis. App.* (1880) 1; --Vidal, *Phan. Cuming. Philip.* (1885) 91; *Rev. Pl. Vasc. Filip.* (1886) 35; --Merr., *EPFP* 2 (1923) 142.

India to S China through Malaya to the Moluccas. In the Philippines: LUZON (Cordillera Highlands, Laguna, Quezon, Rizal, Sorsogon), POLILLO, MINDORO, PALAWAN.

Usually in damp thickets of forests at medium altitudes, in some places at sea level; in Benguet ascending to 1600m. Hallier *f.* [*Bull. Herb. Boiss.* 6 (1898) 215] claims that the Malayan form, *Clematis smilacina* Blume is specifically distinct from the Indian *Clematis smilacifolia* Wall.

3. *Naravelia* Adanson

Naravelia antonii Elmer, LPB 8 (1915) 2800; --Merr., EPFP 2 (1923) 142.

Naravelia philippinensis Merr., PJS 11 c (1916) Bot. 7. --Type:

LUZON: Sorsogon, MINDANAO: Agusan del Norte (Mt Hilong-hilong). Medium altitude thickets and forests, ascending to 1000m.

Naravelia laurifolia Wall. [Cat. (1831) No. 4685, *nomen nudum*] ex Hook.f. & Thomson, Fl. Ind. (1855) 3; --Fern.-Villar, Novis. App. (1880) 2; --Vidal, Phan. Cuming. Philip. (1885) 91; Rev. Pl. Vasc. Filip. (1886) 35; Merr., Sp. Blancoanae (1918) 144; EPFP 2 (1923) 143.

Naravelia zeylanica Fern.-Villar, Novis. App. (1880) 2; --Vidal, Sinopsis Atlas (1883) 11, t. 1, Fig. A, *non* Poir.

Atragene zeylanica Blanco, Fl. Filip. (1837) 461; ed. 2 (1845) 321; ed. 3, 2 (1878) 231, *non* L.

India to Peninsular Malaysia, Philippines.

N LUZON to MINDANAO. Lowland and medium altitude thickets and forests, rare or local.

Naravelia lobata (Llanos) Merr., Sp. Blancoanae (1918) 144; --Merr., EPFP 2 (1923) 143; --

Atragene lobata Llanos, Fragm. Pl. Filip. (1851) 73; --Fern.-Villar & Naves in Blanco, Fl. Filip. ed. 3, 4¹ (1880) 57.

Naravelia loheri Merr. & Rolfe, PJS 3 c (1908) Bot. 98; --Merr., Fl. Manila (1912) 202. --Type:

LUZON: Pangasinan, Nueva Ecija, Bulacan, Rizal. Lowland dry thickets.

4. *Ranunculus* Linnaeus

Ranunculus laxus Merr., PJS 9 (1914) Bot. 445; EPFP 2 (1923) 143. --Type:

LUZON: Mountain Province. Along small streams, altitude 1650-1750.

Ranunculus philippinensis Merr. & Rolfe, PJS 3 c (1908) Bot. 99; op. cit. 5 c (1910) Bot. 348; --Merr., EPFP 2 (1923) 143. --Type:

LUZON: Mountain Province, Benguet. Open swampy places and in mossy forests on the highest mountains, altitude 2250-2750m.

5. *Thalictrum* Linnaeus

Thalictrum philippinense C Robinson, Bull. Torr. Bot. Club 35 (1908) 65, 74; --Merr., EPFP 2 (1923) 143. --Type:

LUZON: Benguet. On very steep slopes, cliffs, etc., in wet places, altitude 1500-2100m; rare. Closely allied to *T. urbanii* Hayata (*T. fauriei* Hayata, *non* Lév.) of Taiwan.