

Family 138. SIMAROUBACEAE

Revision:

Nooteboom, HP. 1962. *Simaroubaceae*. Flora Malesiana series 1, 6: 193-226; 968-972. Also includes Surianaceae in the treatment.

1. *Ailanthus* Desfontaines

Ailanthus integrifolia Lam., Dict. 3, 2 (1792) 417; --Noot., Fl. Males. ser. 1, 6 (1962) 218, Fig. 7f-g, 17a, 18a, 19 (map).

ssp. *integrifolia*

Ailanthus blancoi Merr., Sp. Blancoanae (1918) 205; EPFP 2 (1923) 348.

Throughout Malesia (except Java and the Lesser Sunda Isls), Bismarck Archipelago, Solomon Isls, N Queensland.

Ailanthus triphysa (Dennst.) Alston, Handb. Fl. Ceylon vi, suppl. (1931) 41; --Noot., Fl. Males. ser. 1, 6 (1962) 219, Fig. 17b-c, 18c, 20 (map).

Ailanthus philippinensis Merr., Govt. Lab. Publ. (Philip.) 35 (1906) 25; EPFP 2 (1923) 348. --Type:

Hebonga mollis Radlk., PJS 6 c (1911) Bot. 367; EPFP 2 (1923) 348. --Type:

Hebonga obliqua Radlk., PJS 6 c (1911) Bot. 366; EPFP 2 (1923) 348. --Type:

India (Concan; Malabar; Canara), Sri Lanka, Myanmar, Thailand, Vietnam, throughout Malesia (except Sumatra, Peninsular Malaysia, the Lesser Sunda Isls, and New Guinea) to Queensland and N of New South Wales.

2. *Brucea* JF Miller

Brucea javanica (L.) Merr., J. Arnold Arb. 9 (1928) 3; --Noot., Fl. Males. ser. 1, 6 (1962) 211, Fig. 12 a-d, 13 (map).

Brucea amarissima (Lour.) Merr., PJS 10 c (1915) Bot. 18; EPFP 2 (1923) 347.

Sri Lanka, India (Deccan), Bangladesh, Andaman Isls, Myanmar, S China, Hainan, Taiwan, Thailand, Cambodia, Vietnam, Sumatra, Peninsular Malaysia, Java, Lesser Sunda Isls, Borneo, Philippines, Sulawesi, Moluccas, New Guinea, N Australia (Northern Territory & N Queensland). Introduced in Fiji and Micronesia (Ponape).

Lowland open sites and light secondary forests and thickets, also on limestone.

Brucea mollis Wall., Cat. (1848) No. 8483; --Merr., EPFP 2 (1923) 347; --Noot., Fl. Males. ser. 1, 6 (1962) 212, Fig. 12 e-f, 14 (map).

Brucea macrobotrys Merr., PJS 10 c (1915) Bot. 19; EPFP 2 (1923) 347. --Type:

Brucea stenophylla Merr., PJS 12 c (1917) Bot. 274; EPFP 2 (1923) 347. --Type:

E Himalayas, Myanmar, Thailand, Laos, Cambodia, Vietnam, Hainan, Philippines.

Open forests, often in damp places, altitude 0-1800m, Fl. Jan-Aug.

3. *Eurycoma* Jack

Eurycoma longifolia Jack, Mal. Misc. 2 (1822) 45.

ssp. *eglandulosa* (Merr.) Noot., Fl. Males. ser. 1, 6 (1962) 206, Fig. 6, 7a-e; 8 (Map).

Eurycoma eglandulosa Merr., PJS 17 (1920) 266; EPFP 2 (1923) 346. --Type:

MINDANAO: Surigao del Norte, DINAGAT. Lowland forests on ultramafics.

4. *Harrisonia* R Brown

Harrisonia brownii A. Juss., Mém. Mus. Paris 12 (1825) 540; --Merr., EPFP 2 (1923) 346; --Noot., Fl. Males. ser. 1, 6 (1962) 207, Fig. 9f, 10 (map).

N Australia (isls in the Gulf of Carpentaria), S Andaman, E Java (also Madura and Kangean Isls), Lesser Sunda Isls (Bali; Sumba; Sumbawa; Flores; Timor; Wetar), C & S Philippines, E Sulawesi, Muna Isls, S Moluccas (Babar & Tanimbar Isls), SE New Guinea.

PALAWAN, SIQUIJOR, CEBU, BOHOL, MINDANAO.

Harrisonia perforata (Blanco) Merr., PJS 7 c (1912) Bot. 236; Fl. Manila (1912) 272; EPFP 2 (1923) 346; --Noot., Fl. Males. ser. 1, 6 (1962) 207, Fig. 9a-e, 11 (map)

Hainan, Myanmar, Thailand, Cambodia, S Vietnam, S Sumatra, Peninsular Malaysia, Java (also Madura and Kangean Isls), Lesser Sunda Isls (Bali), Borneo (Sabah: Sandakan), Philippines, Sulawesi (also Buton Is).

Hebonga Radlkofer = *Ailanthus*

5. *Picrasma* Blume

Picrasma javanica Blume, Bijdr. (1825) 247; --Merr., EPFP 2 (1923) 347; --Noot., Fl. Males. ser. 1, 6 (1962) 214, Fig. 15, 16 (map).

Sikkim, Assam, Andaman Isls, Myanmar, Thailand, Laos, Cambodia, Vietnam, Sumatra, Java, Lesser Sunda Isls, Borneo (Sabah), Philippines, Sulawesi, Moluccas, New Guinea, Solomon Isls.

6. *Quassia* Linnaeus

Quassia amara L., Sp. Pl. ed. 2 (1762) 552; --Merr., Fl. Manila (1912) 272; EPFP 2 (1923) 346; --Noot., Fl. Males. ser. 1, 6 (1962) 199.

Native of Brazil. Cultivated in Malesia, occasionally naturalized.

Quassia indica (Gaertn.) Noot., Fl. Males. ser. 1, 6 (1962) 199, Fig. 3, 4 (Map); --Samadera indica Gaertn., Fruct. 2 (1791) 352, t. 156, Fig. 3; --Merr., EPFP 2 (1923) 345.

Madagascar, Sri Lanka, India (S Concan, Malabar), Andaman Isls, Myanmar (Martaban; Tenasserim), S Vietnam, throughout Malesia (except Sumatra, Java, and the Lesser Sunda Isls) to the Bismarcks and Solomon Isls. Cultivated in Java and elsewhere.

Samadera Gaertner = *Quassia*