

Family 126B. CHRYSOBALANACEAE

Revision:

Prance, GT & F White. 1988. *The genera of Chrysobalanaceae*. Philosophical Transactions of the Royal Society London B, 320: 1-184.

Prance, GT. 1992. *Chrysobalanaceae*. Flora Malesiana series 1, 10: 635-678.

1. *Atuna* Rafinesque

Atuna racemosa Raf., Sylva Tellur. (1838) 153; --Kosterm., Reinwardtia 7 (1969) 422; --Prance, Fl. Males. ser. 1, 10 (1989) 677, Fig. 23; --Acioa heteropetala (Scortech. ex King) Kosterm., Reinwardtia 7 (1965) 11.
Parinarium glaberrimum (Hassk.) Hassk., Tijdschr. Nat. Gesch. 10 (1843) 147, *nomen nudum*; Cat. Hort. Bogor. (1844) 269, *nomen nudum*; Flora 27 (1844) 583; --Merr., EPFP 2 (1923) 236.

ssp. racemosa

Thailand, Sumatra, Peninsular Malaysia, Singapore, Borneo (Sarawak; Brunei), Philippines, Sulawesi, Moluccas (Seram; Ambon; Ternate), New Guinea, New Britain, Solomon Isls, Admiralty, Caroline Isls, Fiji, Tonga, Samoa.

LUZON: Camarines, Albay, PALAWAN, MASBATE, MINDANAO. Lowland and medium altitude forests.

ssp. excelsa (Jack) Prance, Fl. Males. ser. 1, 10 (1989) 670, Fig. 19, 20 (map).

Parinarium villamilii Merr., PJS 10 c (1915) Bot. 308; EPFP 2 (1923) 236. --Type:

Sumatra, Peninsular Malaysia, Java, Borneo, Philippines.

LUZON: Camarines, MINDANAO: Zamboanga. Lowland forests.

2. *Kostermanthus* Prance

Kostermanthus heteropetalus (Scortech. ex King) Prance, Brittonia 31 (1979) 91; Fl. Males. ser. 1, 10 (1989) 677, Fig. 23; --Acioa heteropetala (Scortech. ex King) Kosterm., Reinwardtia 7 (1965) 11.

Parinarium myriandrum Merr., Univ. Calif. Publ. Bot. 15 (1929) 93. --Type:

Sumatra, Peninsular Malaysia, Borneo, S Philippines, Sulawesi.

MINDANAO. Forests, sea-level to 500m altitude.

3. *Licania* Aublet

Licania palawanensis Prance, Brittonia 31 (1979) 94; Fl. Males. ser. 1, 10 (1989) 646. --Type: PALAWAN. Forest on ultramafics, 0-300m altitudes, including seashore forests.

Licania splendens (Korth.) Prance, Fl. Neotrop. 9 (1972) 172; Fl. Males. ser. 1, 10 (1989) 646, Fig. 2, 3 (map); --Angelesia splendens Korth., Nederl. Kruick. Arch. 3 (1854) 384; --Merr., PJS 10 c (1915) Bot. 307; EPFP 2 (1923) 236. --Type:

Thailand, Sumatra, Peninsular Malaysia, W Java, Borneo, Philippines.

BUSUANGA, PALAWAN, PANAY, SAMAR, MINDANAO: Surigao. Lowland forests, 0-400 (800)m.

4. *Maranthes* Blume

Maranthes corymbosa Blume, Bijdr. (1825) 89; --Prance, Fl. Males. ser. 1, 10 (1989) 673, Fig. 21. --Type:

Parinarium corymbosum (Blume) Miq., Fl. Ind. Bat. 1¹ (1855) 356; --Merr., EPFP 2 (1923) 235.

S Thailand, Sumatra, Peninsular Malaysia, Java, Borneo, Philippines, Sulawesi, Lesser

Sunda Isls, Moluccas, New Guinea, New Britain, Admiralty Isls, Solomon Isls, Caroline Isls, Australia (Queensland, Northern Territory).
N LUZON to PALAWAN and MINDANAO. Lowland and medium altitude forests.

5. *Parinari* Aublet ['*Parinarium*']

Parinari canarioides Kosterm., New & Crit. Mal. Pl. 3 (1955) 25, t. 12 (For. Dept. Bur. of Planning, Bogor, Indonesia); Reinwardtia 7 (1965) 159, Fig. 2; --Prance, Fl. Males. ser. 1, 10 (1989) 656, Fig. 9 (map).

Sumatra, Borneo, Philippines, Sulawesi.
PALAWAN.

Parinari costata (Korth.) Blume, Mélang. Bot. 2 (1855) 10; ex Miq., Fl. Ind. Bat. 1¹ (1855) 354; --Merr., EPFP 2 (1923) 236; -- Prance, Fl. Males. ser. 1, 10 (1989) 663, Fig. 16 (map).

ssp. *costata*

Sumatra, Peninsular Malaysia, Borneo, Philippines.

CULION, SAMAR, MINDANAO: Davao, Surigao. Lowland forests, hillsides, ridges, altitude up to 300m.

ssp. *rubiginosa* (Ridley) Prance, Brittonia 39 (1987) 368; Fl. Males. ser. 1, 10 (1989) 663. *Parinarium bicolor* Merr., PJS 10 c (1915) Bot. 309; EPFP 2 (1923) 235; --Kosterm., Reinwardtia 7 (1965) 172, Fig. 12. --Type: FB 23022 Razon

Parinarium costatum Blume, Mélang. Bot. 2 (1855) 10; ex Miq., Fl. Ind. Bat. 1¹ (1855) 354; --Merr., EPFP 2 (1923) 236.

Burma, Peninsular Malaysia, Borneo (Sarawak; Sabah; Kalimantan), Philippines.

MINDANAO: Surigao, BUCAS GRANDE. Lowland forests and open slopes.

NOTE: check relationship of this subsp with the typical subsp. From the type images at hand, I think there's no *P costata* ssp *costata* in the Philippines.

Parinari elmeri Merr., Univ. Calif. Publ. Bot. 15 (1929) 92; --Kosterm., Reinwardtia 7 (1965) 161, Fig. 4; --Prance, Fl. Males. ser. 1, 10 (1989) 657, Fig. 10 (map). --Type from Sabah.

Peninsular Malaysia, Borneo (Sarawak; Brunei; Sabah; NE Kalimantan), Philippines.
MINDANAO.

Known only in cultivated state:

Chrysobalanus icaco L., Sp. Pl. (1753) 513; --Prance, Fl. Males. ser. 1, 10 (1989) 643, Fig. 1. Indigenous to the neotropics, mainly in coastal areas; W & C Africa, naturalized in Fiji, cultivated in Vietnam; cultivated in Singapore where it has escaped and naturalized. Occasionally cultivated in the Philippines.