

Jagera madida P.I.Forst.

Family:

Sapindaceae

Forster, P.I. (2006) *Austrobaileya* 7: 378. Type: Queensland, State Forest Reserve 143, Little Mossman, Australia, 14 June 1979, B. Gray 1455. Holo:BRI, iso: L, QRS.

Common name:

Daintree Foambark

Stem

Usually a small tree but occasionally exceeding 30 cm dbh.

Leaves

Young leaf bearing twigs longitudinally grooved and densely clothed in brown hairs. Leaflet blades about 6-17 x 2-5 cm, unequal-sided, particularly towards the base. Midrib raised on the upper surface. Stipule-like scale leaves usually present on the twigs. Rhachis of the compound leaf ends in a short, awl-like point.

Flowers

Calyx pubescent or glabrous. Petals about 2 mm long. Stamens usually eight, filaments hairy. Disk continuous, surrounding the ovary and base of the staminal filaments.

Fruit

Capsules about 12-24 x 10-20 mm, 3-valved, hairy inside and out. Seeds about 8-10 x 5-6 mm. Aril small and basal.

Seedlings

Cotyledons obovate, fleshy, apex acute, hairy on the upper surface towards the base, three indistinct veins radiate from the petiole. First pair of leaves, petiole and compound leaf rhachis winged and clothed in short brown hairs. At the tenth leaf stage: leaflet blades ovate, apex acute, margin serrate, teeth irregular along upper 3/4 of the leaflet blade, hairy on the upper surface at least along the midrib.

Distribution and Ecology

Endemic to NEQ, restricted to the area between Cooktown and Mt Molloy. Altitudinal range from near sea level to 600 m. Grows as an understory tree in well developed lowland and upland rain forest. *Jagera javanica* ssp. *javanica* occurs in Malesia.

Natural History & Notes

An open crowned tree with attractive pinnate foliage that deserves a trial in horticulture. Flowers are in large terminal panicles.

Synonyms

Jagera javanica* subsp. *australiana Leenh., *Blumea* 32: 225(1987), Type: B. Gray 1455, Queensland, Cook Dist., Little Mossman, State Forest Res. 143, 16 deg 32 S, 145 deg 22 E; holo: BRI; iso: L, QRS. ***Garuga javanica*** Bl., *Bijdr.* 2: 1165(1825), Type: Moluccas?, Collector unknown. Fide Reynolds (1985). ***Sapindus serratus*** Roxb., *Hort. Bengal.* : 88(1814), Type: Moluccas. Fide Reynolds (1985). ***Jagera serrata*** (Roxb.) Radlk., *Actes du Congres International de Botanistes .. Amsterdam for 1877* : 10(1879).

RFK Code

836



Flowers. © CSIRO



Habit, leaves and flowers. © CSIRO



Fruit, side view, dehiscent and aril seed. © W. T. Cooper



Scale bar 10mm. © CSIRO



10th leaf stage. © CSIRO



Cotyledon stage, epigeal germination. © CSIRO



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