

Premna dallachyana Benth.

Family:

Lamiaceae

Bentham, G. (1870) *Flora Australiensis* 5: 59. Type: Queensland. Port Denison and in the scrub about Edgecombe Bay, Dallachy; Fort Cooper, Bowman.

Stem

A small tree not exceeding 30 cm dbh.

Leaves

Leaf blades about 6-12 x 2.5-6 cm. Domatia are inconspicuous tufts of hairs. Midrib and main lateral veins slightly raised on the upper surface of the leaf blade. Leaves produce a slightly unpleasant odour when crushed.

Flowers

Flowers about 4-5 mm diam. Calyx obscurely 2-lipped, about 1.5-2 mm long, puberulous and densely glandular outside when young. Corolla about 4-7 mm long, tube +/- cylindrical, about 2.5-4 mm long, almost twice as long as the calyx. Corolla lobes about 2 mm long. Corolla hairy with a ring of white hairs where the staminal filaments are attached. Stamens exserted, inserted on the throat of the corolla, filaments glabrous, about 2-5 mm long. Anthers globose, about 0.5 mm long. Ovary globose, glabrous, about 1 mm diam. Style glabrous, about 3-6 mm long.

Fruit

Fruit glabrous, globular, about 3-5 mm diam.

Seedlings

Cotyledons about 9 x 6 mm, hairy on both the upper and lower surfaces. First pair of leaves sparsely hairy on both the upper and lower surfaces, margin toothed. At the tenth leaf stage: leaf blade ovate, apex acute, base cuneate or obtuse, margin coarsely toothed. Taproot orange. Seed germination time 285 to 326 days.

Distribution and Ecology

Occurs in NT, CYP, NEQ and CEQ. Altitudinal range from near sea level to 600 m. Grows in monsoon forest and drier, more seasonal rain forest. Also occurs in Malesia.

Synonyms

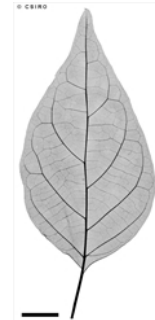
Gumira dallachyana (Benth.) Kuntze, *Revisio Generum Plantarum* 2: 507(1891). **Premna dallachyana var. typica Domin**, *Repertorium Specierum Novarum Regni Vegetabilis* 12: 133(1913), Type: Port Denison, leg. Dallachy. **Premna dallachyana Benth. var. dallachyana**, *Repertorium Specierum Novarum Regni Vegetabilis* 12: 133(1913). **Premna dallachyana var. obtusisejala Domin**, *Repertorium Specierum Novarum Regni Vegetabilis* 12: 133(1913), Type: Queensland: Edgecombe Bay, leg. Dallachy. **Premna minor Domin**, *Bibliotheca Botanica* 89(4): 1110(1928), Type: Nord-Queensland: Lions Head Bluff bei Chillagoe (DOMIN II. 1910) und bei Mungana (Domin II. 1910). **Premna tateana F.M.Bailey**, *Queensland Department of Agriculture Bulletin No. 13. Botany Bulletin* 4: 15(1891), Type: Walsh River, T. Barclay-Millar.

RFK Code

1012



Leaves and Flowers. © CSIRO



Scale bar 10mm. © CSIRO



Cotyledon stage, epigeal germination. © CSIRO



10th leaf stage. © CSIRO



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