

## *Psychotria dallachiana* Benth.

Family:  
Rubiaceae

Bentham, G. (1867) *Flora Australiensis* 3: 427. Type: Queensland. Rockingham Bay, Dallachy.

### Stem

Can grow into a small tree but usually flowers and fruits as a shrub 2-3 m tall.

### Leaves

Stipules +/- glabrous, about 1-1.5 mm long, encircling the twigs. Leaf blades about 5-13 x 1.5-5 cm. Lateral veins difficult to see on either the upper or lower surfaces of the leaf blades but forming loops inside the blade margin. Petiole channelled on the upper surface.

### Flowers

Calyx glabrous, cup-shaped, calyx tube (hypanthium) about 1 mm long, calyx lobes about 0.2-0.3 mm long. Corolla tube about 1-2 mm long, corolla lobes about 1-2 mm long. Throat of the corolla tube clothed in straight, white, multicellular or moniliform hairs. Anthers purplish, about 1 mm long. Pollen white. Style inserted in a bilobed disk at the apex of the ovary. Stigma hairy, 2-lobed.

### Fruit

Fruit cream, +/- globular, about 8-13 mm diam. with a tonsure-like scar at the apex. 'Seeds' (endocarps) smooth, not longitudinally ribbed. Testa intruding into the endosperm.

### Seedlings

Cotyledons ovate, about 10-19 x 9-7 mm, stipulate, base cordate or truncate, petioles short. First pair of leaves opposite and stipulate. At the tenth leaf stage: leaf blade narrowly lanceolate, glabrous, lateral veins forming loops inside the blade margin. Stipules glabrous, about 3.5-7 mm long, encircling the twigs, apex bilobed. Seed germination time 27 to 143 days.

### Distribution and Ecology

Endemic to Queensland, occurs in CYP and NEQ. Altitudinal range from near sea level to 1200 m. Grows as an understory plant in a variety of rain forest types, often found associated with Kauri Pine (*Agathis robusta*).

### Synonyms

*Uragoga dallachiana* (Benth.) Kuntze, *Revisio Generum Plantarum* 2: 960 (1891).

### RFK Code

3176



Flower. CC-BY J.L. Dowe



Scale bar 10mm. © CSIRO



Cotyledon stage, epigeal germination. © CSIRO





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