

# *Memecylon hylandii* Whiffin

**Family:**

**Melastomataceae**

Whiffin, T.P. () *Flora of Australia* 18: 325. Type: Stone Crossing, Wenlock R., Qld, 12 deg 23 S, 142 deg 10 E, 10 Oct. 1980, B.Hyland 10761; holo: QRS.



**Stem**

Seldom exceeding 30 cm dbh.

**Leaves**

Leaf blades about 7-12 x 3.5-6 cm. Lateral veins scarcely visible on the upper surface but forming loops or an intramarginal vein near the margin. Small oil dots visible with a lens. Stipules absent but scars resembling stipular scars are visible on the twigs between the petioles.

**Flowers**

Inflorescences shorter than the leaves. Flowers small, petals about 2-2.5 mm long. Stamens eight, anthers with a long spur at the base and a raised gland on the spur on the opposite side to the filament attachment.

**Fruit**

Fruits depressed globular, about 8-9 x 10-12 mm. Seed globular, about 6-7 mm diam. Cotyledons crumpled and folded many times.

**Seedlings**

Cotyledons +/- semiorbicular or reniform, about 15-21 x 29-34 mm, shortly petiolate. Midrib forking at near the apex but the midrib not reaching the apex of the cotyledon. Several small stipules or stipule-like glands present at the base of the cotyledonary petioles. First pair of leaf blades glabrous, +/- obovate, apex obtuse, midrib depressed on the upper surface. At the tenth leaf stage: leaves decussate, leaf blade ovate, elliptic to narrowly obovate, apex obtuse, base attenuate, midrib depressed on the upper surface. Lateral vein angle high, about 80-90 degrees with the midrib. Stems square in transverse section, the edges narrowly winged. Stipule-like glands conspicuous. Seed germination time 73 days.

**Distribution and Ecology**

Endemic to Queensland, occurs in CYP and NEQ. Altitudinal range from sea level to 300 m. Grows as an understory tree in rain forest and gallery forest.

**RFK Code**

702



Scale bar 10mm. © CSIRO



Cotyledon stage, epigeal germination. © CSIRO



10th leaf stage. © CSIRO

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