

Gossia myrsinocarpa (F.Muell.) N.Snow & Guymer

Family:
Myrtaceae

Snow, N. & Guymer, G.P. (2003) *Systematic Botany Monographs* 65: 73.

Common name:
Malanda Ironwood; Small-flowered Lignum

Stem

Pale granular stripes in the outer blaze.

Leaves

Oil dots very numerous, visible with a lens if not visible to the naked eye. Intramarginal vein imparting a 3-veined appearance to the base of the leaf blade. Leaf blades about 4.5-7 x 1.5-3.2 cm.

Flowers

Flowers strongly perfumed but the odour is not necessarily pleasant. Petals and calyx lobes +/- glabrous adaxially, margins +/- fimbriate. Petals about 2-3 mm long, about 100 oil dots per petal.

Fruit

Fruits globular, about 7-10 mm diam., calyx lobes persistent at the apex. Testa relatively thick, hard and horny. Embryo coiled with the cotyledons +/- in the middle of the spiral. Cotyledons reflexed and separated from one another, each cotyledon much more slender than the radicle.

Seedlings

Cotyledons narrowly elliptic or ovate, about 14-16 x 3-5 mm; intramarginal vein present, oil dots clearly visible with a lens. Stipules filiform, about 1.5 mm long. Stem below cotyledons (hypocotyl) thickened. First pair of leaves produced just above the cotyledons so that the cotyledons and the first pair of leaves form a whorl of quite similar leaf blades. At the tenth leaf stage: leaf blade ovate, about 20-25 x 8-12 mm, petioles about 1-2 mm long. Seed germination time 4 to 34 days.

Distribution and Ecology

Endemic to Queensland, occurs in CYP, NEQ and CEQ. Altitudinal range from sea level to 1000 m. Grows as an understory tree in well developed rain forest on a variety of sites but is probably more frequently found in drier, more seasonal rain forest.

Synonyms

***Eugenia myrsinocarpa* F. Mueller**, *Victorian Naturalist* 8: 200(1892), Type: Queensland, Trinity Bay, Fitzalan s.n.: Holo: MEL. ***Austromyrtus minutiflora* Burret**, *Notizblatt des Botanischen Gartens und Museums zu Berlin-Dahlem* 15(3): 502(1941), Type: Australien: Rockingham Bay; Holo: B (destroyed); Iso: MEL.

RFK Code

347



Flower. © Barry Jago



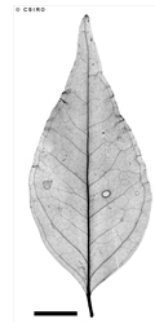
Flower. © Barry Jago



Leaves and flowers. © CSIRO



Leaves and fruits. © CSIRO



Scale bar 10mm. © CSIRO



Cotyledon stage, epigeal germination. © CSIRO



10th leaf stage. © CSIRO

