

Cryptocarya leucophylla B.Hyland

Family:
Lauraceae

Hyland, B.P.M. (1989) *Australian Systematic Botany* 2: 192. Type: B. Gray 3919: Stata Forest Reserve 194 East Dandenong, 11 km N Nelson Range, 21.ii.1985 (QRS, holotypus).

Stem

A thin cream or pale brown layer generally visible beneath the subrhynchium layer before the first section of the outer blaze.

Leaves

Twigs fluted, clothed in straight, pale brown, appressed hairs when young but eventually becoming almost glabrous. Leaf blades about 6.8-13.3 x 3-5 cm, glaucous or almost white on the underside, clothed in straight, pale brown, appressed hairs which, although not obvious, persist even on old leaves. Midrib depressed on the upper surface. Petiole flat or channelled on the upper surface. Oil dots visible with a lens.

Flowers

Inflorescence panicle, not or only slightly exceeding the leaves. Flowers unpleasantly perfumed. Lower half of the perianth tube pubescent on the inner surface. Tepals about 1.4-2.1 mm long, pubescent on the outer surface. Ovary glabrous or sparsely hairy, style glabrous or pubescent towards the base.

Fruit

Fruits ellipsoid or globular, about 13-18 x 12-13 mm. Cotyledons yellow.

Seedlings

First pair of leaves ovate, about 45-56 x 16-31 mm, glaucous on the underside. At the tenth leaf stage: leaf blade glaucous on the underside; a few scattered pale hairs on the petiole; oil dots small, visible with a lens. Seed germination time 24 to 126 days.

Distribution and Ecology

Endemic to NEQ and the northern part of CEQ. Altitudinal range from near sea level to 1300 m. Usually grows in well developed upland and mountain rain forest, sometimes in lowland rain forest.

Natural History & Notes

This species does not grow large enough to produce millable logs. Wood specific gravity 1.1 Hyland (1989).

Synonyms

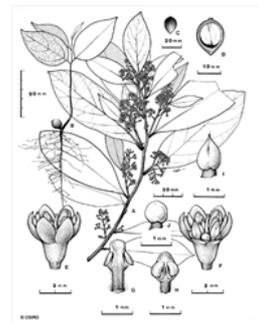
Cryptocarya hypoglauca Meisn., *Prodromus* 15(1): 73(1864), Type: In Novae Holl. ora boreali-occid. (A. Cunnn.?). *Cryptocarya hypoglauca* Meisn. var. *hypoglauca*, *Prodromus* 15(1): 508(1864).

RFK Code

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Scale bar 10mm. © CSIRO



Habit, flower, anther, staminode, gland, fruit, seedling. © CSIRO



Seedling, cotyledons still attached, hypogeal germination. © CSIRO



10th leaf stage. © CSIRO



1st leaf stage, hypogeal germination. © CSIRO



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