

Cryptocarya glaucescens R.Br.

Family:

Lauraceae

Brown, R. (1810), *Prodromus Florae Novae Hollandiae*: 402. Type: R. Brown s.n., Hawkesbury River (BM, lectoparatype). Fraxinoides (1976); MEL 623249, isolectotype); R. Brown. Port Jackson & Hawkesbury River (BM, K, MEL, G-DC?, lectoparatypes).

Common name:

Jackwood; Silver Sycamore

Stem

Tree to 30 metres; bark dark-brown, more or less scaly; buds and young stems with fawn to brown hairs; stems glabrous; young stems yellowish; stipules absent.

Leaves

Simple, alternate; lamina oblong elliptic to lanceolate, 60-130mm by 25-40mm; adaxial surface glabrous and glossy; abaxial surface glaucous and dull, glabrous or with sparse hairs; apex acuminate to a blunt tip or evenly tapered to an acute tip; base cuneate or rounded; margin entire; midrib broad and yellowish; pinnately veined with 8-12 main laterals each side of midrib, distinct both surfaces; reticulum areolate; oil dots numerous, minute; petiole 8-12mm, yellowish; domatia absent.

Flowers

Inflorescences axillary panicles, not longer than leaves; flowers bisexual, actinomorphic, cream to green; perianth of 2 whorls each of 3 pubescent tepals borne on a tubular hypanthium 1-1.5mm long; stamens 9, outer stamens pubescent adaxially; inner stamens glabrous; staminodes 3; ovary superior, glabrous.

Fruit

Completely enclosed within a fleshy receptacle to form a 'false-fruit' in which the ovary appears inferior; remnants of the perianth (tepals) are visible on the top of the false-fruit; false-fruit depressed-globose, 11-15mm long by 12-18mm wide, ribbed or lobed, glossy black; seed 1, 9-13mm long.

Seedlings

Seed germination time 28 days. First pair of leaves lanceolate, about 50-70 x 24-28 mm, glaucous on the underside. At the tenth leaf stage: leaf blade elliptic to lanceolate, apex acuminate; upper surface of new leaves hairy only along midrib; oil dots small, visible. Petiole hairy.

Distribution and Ecology

Occurs in CEQ, possibly as far north as Mt Elliot, and southwards to south eastern New South Wales. Altitudinal range from sea level to 1000 m. Grows in rain forest usually on poorer soils derived from sedimentary and acid volcanic rocks.

Synonyms

***Cryptocarya hypoglauca* var. *attenuata* Meisn.**, *Prodromus Systematis Naturalis Regni Vegetabilis* 15(1): 508 (1864), Type: Hastings River, N.S.W., F. Mueller s.n. (probably H. Beckler); holo: G-DC. ***Cryptocarya meissneri* F. Muell.**, *Fragmenta Phytographiae Australiae* 5(38): 170 (1866). ***Cryptocarya glaucescens* var. *nitida* Benth.**, *Flora Australiensis* 5: 297 (1870). ***Cryptocarya moretoniana* Meisn.**, *Prodromus Systematis Naturalis Regni Vegetabilis* 15(1): 74 (1864), Type: Moreton Bay, A. Cunningham 48/1829.

RFK Code

1263



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Inflorescence. CC-BY: APII, ANBG.



Flowers. CC-BY: APII, ANBG.



Fruit. CC-BY: APII, ANBG.



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