

Cryptocarya cercophylla W.E.Cooper

Family:
Lauraceae

Cooper, W.E. (2013) *Austrobaileya* 9(1): 76-79. Type: Australia: Queensland. Cook District: Timber Reserve 1230, Bartle Frere, Boonjee Logging Area [east of Malanda]. 17 November 1994, R. Jensen 72.

Stem

Small tree to 10 m, not exceeding 30 cm dbh and usually much smaller. Vascular rays in the wood readily visible to the naked eye and extending into the bark. Close inspection of these large rays with a lens indicates that they are aggregations of the finer vascular rays.

Leaves

Leaf blades about 5.3-10 x 2.2-4.5 cm, drawn out into a long caudate drip tip (0.8-2 x 0.13-0.2 cm) at the apex. Midrib depressed on the upper surface. Lateral veins forming loops inside the margin. Oil dots very small, visible with a lens.

Flowers

Inflorescence very short, not exceeding the leaves, 4-7-flowered. Flowers without any obvious odour. Tepals 6, about 1.2-1.7 mm long, completely glabrous on the outer surface but pubescent on the inner surface. Perianth tube sericeous on the inner surface. Ovary and style glabrous. Vestigial styles often present.

Fruit

Fruits ovoid, about 16-20 x 10-14.5 mm, ribbed, red to shiny black at maturity, flesh green. Seeds drawn out at the apex, about 16-19 x 8-10 mm, outer surface longitudinally ribbed. Cotyledons white.

Seedlings

First pair of leaves ovate, about 34-38 x 16-18 mm, green on the underside. Apex with a long drip tip. First pair of leaves alternate but sometimes close to subopposite. Seed germination time 143 days.

Distribution and Ecology

Endemic to NEQ, known only from collections made in the Wooroonooran National Park, Boonjee. Altitude 580-680 m. Grows as an understory tree in well developed rain forest on steep slopes which are naturally unstable and prone to slippage. Probably favoured by such disturbance. A rare species.

Synonyms

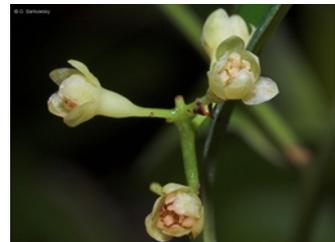
Cryptocarya sp. Boonjee (B.Hyland 25794RFK). *Cryptocarya* sp. Boonjee (L.W.Jessup+319).

RFK Code

1044



Flower buds [not vouchered]. © G. Sankowsky



Flowers [not vouchered]. © G. Sankowsky



Fruit. CC-BY: A. Ford



Leaves and Fruit. CC-BY: A. Ford



Leaves [not vouchered]. © G. Sankowsky



A. stem; B. leaf; C. inflorescence with open flower, buds, bracts on pedicels; D. flower; E. flower with 3 tepals removed; F. staminode; G. anther (inner whorl); H. anther (outer whorl); I. gland head and stalk. ©: Queensland Government.



Scale bar 10mm. © CSIRO



Cotyledon and 1st leaf stage, hypogeal germination. © CSIRO



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