

Cyclophyllum schultzii (O.Schwarz) S.T.Reynolds & R.J.F.Hend.

Family:
Rubiaceae

Reynolds, S.T. & Henderson, R.J.F. (2001) *Austrobaileya* 6(1): 60-61.

Stem

Shrubs or trees 1.5-10 m tall.

Leaves

Leaf blades 8.5-16 x 1.8-7.2 cm, broadly or narrowly elliptic, to ovate, to oblong and more or less oblanceolate; apex blunt and acuminate. Numerous oil dots visible with a lens. Stipules tapering to a fine point at the apex. Lateral veins about 4-11 on each side of the midrib, forming loops inside the blade margin. Domatia usually present, inconspicuous, foveoles with a comparatively small opening.

Flowers

Inflorescences generally 2 to 11-flowered, with peduncle 1-5 mm long, sometimes branched. Flower pedicel 3-5 mm long; calyx 2 x 2 mm, glabrous or few short hairs on lobes; corolla white, yellow when aged, 6-9 mm long, tube 3-5 mm long, lobes 2.5-5.5 x 1.5-2 mm. Stigma broad, rounded but 2-lobed.

Fruit

Fruit on pedicels 5-7 mm long, pale reddish-pink when ripe, laterally compressed and lobed at apex, 8-12 x 16-23 mm. Seed wrinkled.

Seedlings

Seed germination time 26-61 days. Cotyledons linear-ovate, 25-39 x 4-6 mm, midrib raised on the upper surface. Cotyledonary stipules triangular, apex pointed. First pair of leaves glabrous, narrow elliptic, apex bluntly pointed, base cuneate, midrib raised on the upper surface. Hypocotyl flattened, elliptical in transverse section. At the tenth leaf stage: leaf blade narrow elliptic to elliptic, about 40-68 mm long x 6-9 mm wide, apex rounded to acuminate; stipules interpetiolar, wide at the base but narrowed abruptly to a fine point at the apex.

Distribution and Ecology

Occurs in NT. Altitudinal range from sea level to 40 m. Grows as an understory plant at the edge of wet monsoon forest.

Synonyms

Plectronia schultzii O.Schwarz, *Repertorium Specierum Novarum Regni Vegetabilis* 24: 101 (1927), Type: [Northern Territory.] Port Darwin, 16 miles E [of], banks of Howard Creek, Bleeser 81 (?B destroyed). ***Canthium schultzii*** (O.Schwarz) Chippend., *Proceedings of the Linnean Society of New South Wales* 96(4): 208 (1972).

RFK Code

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Leaves and flowers. © Northern Territory Herbarium.



Fruit. © A. Ford



Cotyledon seedling. © Australian Tropical Herbarium



10th leaf stage seedling. © Australian Tropical Herbarium



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