

Endiandra muelleri subsp. *bracteata* B.Hyland

Family:

Lauraceae

Hyland, B.P.M. (1989), A revision of Lauraceae in Australia (excluding Cassytha). *Australian Systematic Botany* 2(2-3): 242-244

Type: "Typus: D.L. Jones 1263: Austinville, Qld 7.x.1983 (QRS, holotypus)."

Stem

Tree to 20 m (-25m) tall, stem sometimes buttressed. Twigs fluted or terete, clothed with straight and tortuous, appressed and erect, pale brown hairs.

Leaves

Leaves alternate, simple. Stipules absent. Petioles 0.4-1.4 cm long. Leaf blade elliptic, ovate, or obovate, sometimes narrowly so, 5-12 cm long, 2-5 cm wide, base cuneate, truncate or rounded, margins entire, apex acute, acuminate or obtuse. Domatia often present, visible under magnification as more or less hooded pits or tufts of hairs at axil of lateral veins and midrib. Leaf undersurface usually with straight and tortuous, appressed and erect, pale brown hairs. Midrib depressed on upper surface. Oil dots \pm visible with a hand lens.

Flowers

Inflorescence paniculate, axillary. Flowers bisexual, 3-merous. Perianth tube 1-1.7 mm long, outer tepals larger (0.7-1 mm long) than inner tepals (0.6-0.9 mm long), scarcely opening, forming a cylinder around anthers and ovary, cream, green or yellowish green. Stamens three; staminal glands six, free from one another. Staminodes three, usually differentiated or undifferentiated into a head and stalk. Ovary superior.

Fruit

Inflorescence paniculate, axillary. Flowers bisexual, 3-merous. Perianth tube 1-1.7 mm long, outer tepals larger (0.7-1 mm long) than inner tepals (0.6-0.9 mm long), scarcely opening, forming a cylinder around anthers and ovary, cream, green or yellowish green. Stamens three; staminal glands six, free from one another. Staminodes three, usually differentiated or undifferentiated into a head and stalk. Ovary superior.

Seedlings

First leaves elliptic, about 30-50 long, 20-34 mm wide, green on the underside. At the tenth leaf stage: leaves with some hairs on the upper surface at least along the midrib and main lateral veins; oil dots small, numerous, visible with a lens; terminal bud, petiole and stem with rusty brown hairs present.

Distribution and Ecology

Occurs in CEQ, and in south eastern Queensland to near Ballina in New South Wales. Occurs in rainforests 150-800 m.

Natural History & Notes

Distinguished from *Endiandra muelleri* subsp. *muelleri* by the twig hairs, straight and tortuous, appressed and erect in *E.* subsp. *bracteata* compared with straight and appressed in *E.* subsp. *muelleri*. This profile information and associated coding has been adapted from Cooper & Cooper (2004), Hyland (1989), Le Cussan & Hyland (2007) and Harden et al. (2014).

Synonyms

Endiandra pubens var. *glabriflora* Benth., *Flora Australiensis* 5: 303, (1870), Type: "Richmond river, Henderson."

RFK Code

1221



Leaves and flowers. CC-BY: APII, ANBG.



Leaves and inflorescence. CC-BY: APII, ANBG.



Flowers. CC-BY: APII, ANBG.



Fruit [not vouchered]. CC-BY: S. & A. Pearson.



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