

Wilkiea sp. McDowall Range (J.G. Tracey 14552)

Family:

Monimiaceae

Provisional HISPID phrase name.

Stem

Flowers and fruits as a shrub about 1-2 m tall.

Leaves

Leaf blades about 5.5-8 x 2-4 cm, margins finely toothed, each tooth with a small brown apical gland. Lower surface of the leaf blade with short pale hairs especially when young. Lateral veins form distinct loops inside the blade margin. Oil dots very small, visible only with a lens. Terminal buds and young shoots densely clothed in pale hairs. Oak grain in the twigs.

Flowers

Features not available.

Fruit

Fruits consist of about 1-4 carpels on a small green receptacle. Fruits about 15 x 10-11 mm. Seeds about 10-11 x 7-8 mm. Embryo about 6-7 mm long. Cotyledons about 5-5.5 mm long, only slightly wider than the radicle. Radicle about 1-1.5 mm long, much shorter than the cotyledons.

Seedlings

Four cataphylls produced before the first true leaves. Cataphylls green, alternately arranged, margins toothed. First pair of true leaves sub-opposite, blades about 16-18 x 6 mm, apex apiculate, base obtuse. Margin with 9-12 teeth on each side. At the tenth leaf stage: leaf blade thick and soft, elliptic, base cordate to truncate with about 7 looping lateral veins; margin toothed with about 30-35 small teeth on each side. At the tenth leaf stage: leaf blade thick, soft, elliptic, base cordate to truncate with about 7 looping lateral veins and margins with about 30-35 small teeth on each side of the midrib.

Distribution and Ecology

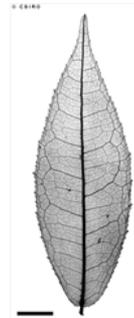
Endemic to NEQ. Altitudinal range from 40-700 m. Grows as an understory tree in well developed rain forest.

Synonyms

Wilkiea sp. B, *Flora of Australia* 2: 81(2007). Gen. (AQ385424) sp. (McDowall Range J.G. Tracey 14552), *Queensland Plants* : 120(1997). Monimiaceae Gen. Nov. sp. (McDowall Range JGT 14552), *Australian Rain Forest Plants, Trees Shrubs & Vines.* : (2003).

RFK Code

3359



Scale bar 10mm. © CSIRO



10th leaf stage. © CSIRO

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