

Steganthera maccooraia (F.M.Bailey) P.K.Endress

Family:

Monimiaceae

Endress, P.K. (1979) *Blumea* 25(1/2): 315.

Common name:

Beech Sassafras

Stem

Seldom exceeding 30 cm dbh. Oak grain in the wood and a corresponding pattern in the inner blaze.

Leaves

Oak grain in the twigs. Leaf blades about 4-10 x 1.8-4.5 cm. Lateral veins forming loops well inside the blade margin. Leaf blade much paler on the underside. Oil dots visible with a lens.

Flowers

Inflorescence much shorter than the leaves. Flowers about 3 mm diam. Perianth lobes minute. Receptacle hairy on the inner surface. Stamens included in the perianth tube, filaments short. Female flowers operculate. Carpels variable in number, about 10-24.

Fruit

Receptacle yellowish-green. Fruiting carpels ovoid, glabrous, about 15-18 x 8-9 mm. Seeds about 13 x 7-8 mm. Embryo small, about 5-6 mm long, cotyledons wider than the radicle.

Seedlings

Cotyledons ovate or lanceolate, 25-34 x 10-19 mm, apex apiculate, base rounded or truncate. At the tenth leaf stage: leaf blade elliptic to obovate, apex acute, acuminate to apiculate, base cuneate to attenuate, margin with teeth concentrated in the apical half, 1-5 teeth on either side, glabrous; petiole grooved on the upper surface. Midrib raised on the upper surface. Seed germination time 49 to 120 days.

Distribution and Ecology

Endemic to NEQ. Altitudinal range from 650-1500 m. Grows as an understory tree in upland and mountain rain forest, often found in stunted windswept rain forest on the highest mountain ridges.

Synonyms

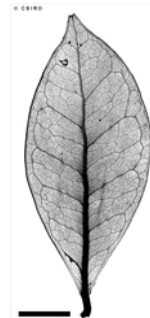
***Wilkiea maccooraia* (Bailey) Perkins**, *Das Pflanzenreich Heft* 49 : 26(1911). ***Mollinedia maccooraia* F.M.Bailey**, *Queensland Department of Agriculture and Stock. Botany Bulletin* 5: 23(1892), Type: Bellenden-Ker Range up to the summit of the South Peak, 5,000 ft. [s.n., Bellenden Ker Exp. 1889. fide A.K.Endress (1979); H

RFK Code

245



Leaves and fruit. © CSIRO



Scale bar 10mm. © CSIRO



Cotyledon stage, epigeal germination. © CSIRO



10th leaf stage. © CSIRO

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