

Scaevola enantophylla F.Muell.

Family:

Goodeniaceae

Mueller, F.J.H. von (1874) *Fragmenta Phytographiae Australiae* 8: 58. Type: Queensland, Rockingham Bay, Bellenden Ker Range. Lecto: MEL; iso: K. Fide R. C. Carolin, Fl. Australia 35: 333 (19920).

Common name:

Climbing Fan Flower

Stem

Usually flowers and fruits as a slender vine. Vine stem diameters to 3 cm recorded. Blaze darkens on exposure. Bark included in the wood as rays which extend from the pith to the outer edge of the stem.

Leaves

Leaf blades about 6-13 x 2.5-4.5 cm, petioles about 0.4-1.2 cm long. Lateral veins about 5-7 on each side of the midrib, forming definite loops well inside the blade margin. Marginal teeth 1-6 on each side, small and inconspicuous. Petiole bases +/- joined by a ridge of tissue across the twig. Twigs very pithy in transverse section, vascular bundles forming a ring around the margin are just visible inside the cambium layer.

Flowers

Flowers +/- fan-shaped, about 15-17 mm diam. Calyx tube (hypanthium) about 5 mm long. Calyx lobes about 1.5-3 mm long. Corolla about 25 mm long, lobes about 7-8 mm long, the tube split along the upper surface so that the corolla opens out and is +/- flat and densely clothed in pale brown hairs. Stamens about 11-12 mm long. Style about 12-14 mm long, expanded to form a hairy cup-shaped structure at the apex. Ovules one per locule.

Fruit

Fruits ovoid to ellipsoid, about 9 x 7 mm, calyx lobes persistent at the apex. Endocarps about 7 x 3 mm, surface rugose. Seeds usually 2 per endocarp. Cotyledons about 2-2.5 mm long, wider than the radicle.

Seedlings

Cotyledons elliptic, about 13-14 x 7 mm, venation obscure. Upper and lower surfaces densely clothed in short, translucent hairs. Margins ciliate, hypocotyl hairy. First leaf blades +/- elliptic to ovate, apex apiculate, base cuneate, margin with 3-5 teeth on each side, both the upper and lower leaf blade surfaces hairy. Seed germination time 54 days.

Distribution and Ecology

Endemic to Queensland, occurs in NEQ and CEQ. Altitudinal range from 200-1100 m. Grows in lowland and upland rain forest.

Synonyms

***Lobelia enantophylla* (F.Muell.) Kuntze**, *Revisio Generum Plantarum* 2: 378(1891). ***Scaevola scandens* F.M.Bailey**, *Botany of the Bellenden Ker Expedition (in Meston: Report of the Government Scientific Expedition to Bellenden-Ker Range)* : 47(1889), Type: Queensland, Bellenden-Ker, F. M. Bailey; holo: BRI. ***Scaevola enantophylla* var. *scandens* (Bailey) Ewart**, *Proceedings of the Royal Society of Victoria* 19(2): 45(1907). ***Scaevola oppositifolia* Roxb.**, *Flora Indica* 2: 148(1824), Type: A native of the Moluccas.

RFK Code

2201



Leaves and Flowers. © CSIRO



Scale bar 10mm. © CSIRO



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



Vine stem bark and vine stem transverse section. © CSIRO



Web edition hosted at <https://apps.lucidcentral.org/rainforest>