

Lysiana subfalcata (Hook.) Barlow

Family:

Loranthaceae

Barlow, B.A. (1963) *Proc. Linn. Soc. New South Wales* 88: 141.

Stem

Aerial stem-parasitic shrub. Epicortical runners absent.

Leaves

Leaf blades about 3-8 x 0.5-3 cm, petioles about 1-4 mm long. Lateral veins run almost the full length of the leaf blade.

Flowers

Flowers borne in a pedunculate, 2-flowered umbel. Peduncles about 1-3 mm long, pedicels about 3-7 mm long. Free calyx about 0.5-0.7 mm long, without any obvious lobes or slightly toothed at the apex, teeth about 0.5 mm long. Corolla curved, about 25-45 mm long. Anthers about 5-7 mm long, filaments green about 3-5 mm long. Pollen cream to white. Ovary glabrous, about 2-4 mm long. Style + stigma about 37 mm long. Stigma globular.

Fruit

Fruits ellipsoidal, about 8-12 x 3-7 mm, calyx forming a distinct collar below the apex. Style remnant about 1 mm long, persistent at the apex. Seeds green, about 10-11 x 4.5-5 mm with a cream beak at the apex. Testa with pale longitudinal lines visible on the surface. Embryo straight, about 7 mm long. Cotyledons about 4.5-5 mm long. Radicle green, about 2 mm long with finger-like backward-pointing processes on the surface.

Seedlings

Features not available.

Distribution and Ecology

Endemic to Australia. Occurs in WA, NT, NEQ, CEQ and southwards as far as central western New South Wales. Altitudinal range in northern Australia from near sea level to 700 m. Found on a variety of hosts in open forest and also on monsoon forest species. Also widespread in inland areas.

Synonyms

Loranthus exocarpi var. **subfalcatus** (Hook.) Domin, *Biblioth. Bot.* 89: 53(1921). **Loranthus subfalcatus** Hook. in Mitchell, *J. Exped. Trop. Austral.* : 224(1848), Type: Subtropical New Holland, July - Sept. 1846, T.L. Mitchell 213; Lecto: K. Fide B.A. Barlow (1966) *Australian J. Bot.* 14: 446; Iso: MEL. **Loranthus exocarpi** f. **breviflorus** Domin, *Biblioth. Bot.* 89: 53(1921), Type: Queensland, E. of Jericho, 1910, K. Domin s. n.; Holo: PR?. **Loranthus exocarpi** var. **venulosa** Blakely, *Proc. Linn. Soc. New South Wales* 50: 9(1925), Type: New South Wales, Cobar, may 1918, J.L. Boorman s. n.; Holo: NSW.

RFK Code

6028



Flowers. © G. Sankowsky



Leaves and flowers. © G. Sankowsky



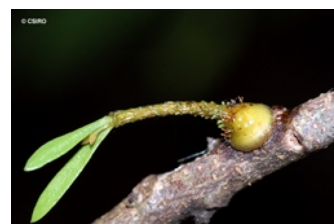
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