



Flora of Australia

Lycopodium fastigiatum R.Br.

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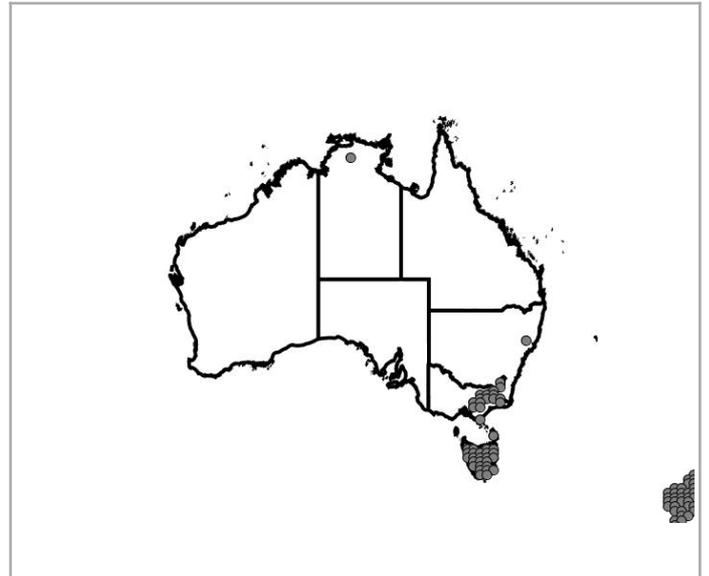
***Lycopodium fastigiatum* R.Br.**

- Brown, R. (27 March 1810), *Prodromus florae Novae Hollandiae et insulae Van-Diemen, exhibens characteres plantarum quas annis 1802-1805* : 165

R.J.Chinnock

Rhizome usually subterranean, creeping, with scattered appressed scale leaves. Branchlets spreading to erect, 3-30 cm tall, much-branched. Leaves spirally arranged, imbricate, decurrent, linear to linear-lanceolate, incurved, 3-5 mm long, 0.6-1 mm wide, green to yellowish green or orange. Strobili terminal, projecting above the foliage, 2-6 cm long, 1-3 aggregated on a common peduncle with widely scattered appressed scale leaves. Sporophylls imbricate, peltate, lanceolate, pale to dark brown or somewhat orange, with paler membranous margins.

Distribution: Extends from south-eastern N.S.W. through eastern Vic. to Tas. In N.S.W. there is one disjunct record from Barrington Tops; also New Zealand, Chatham Is. and Subantarctic islands.



Common Name: Mountain Clubmoss

Habitat: Restricted to alpine or subalpine grasslands, shrublands and herbfields; to an altitude of 800 m.

Representative Herbarium Specimens: N.S.W.: 5 km N of Careys Peak, Barrington Tops, *J.Pickard 1923* (NSW). Vic.: Mt Useful, *A.C.Beauglehole 79264* (AD, MEL). Tas.: Mt Munro, Cape Barren Is., *J.S.Whinray 23* (HO); Jacobs Ladder, Ben Lomond Natl Park, *M.G.Noble 28258* (AD, HO).

Notes: In shaded situations the branchlets become etiolated and weak, but in very exposed sites the stature of the plant is greatly reduced with the branchlets spreading and often coloured orange. Occasionally strobili divide once or twice in their distal half. Although Andrews (1990) recorded *L. fastigiatum* for Qld, no specimens from that State have been located.

Illustrations: B.D.Duncan & G.Isaac, *Ferns & Allied Pl. Victoria, Tasmania & S. Australia* 44, fig. 4.8A (1986); M.Garrett, *Ferns Tasmania. Ecol. & Distrib.* 112, photo 108 (1996).

Source: Data derived from *Flora of Australia* Volume 48 (1998), a product of ABRS, ©Commonwealth of Australia

Nomenclature

Chinnock, R.J. in McCarthy, P.M. (ed.) (1998), Lycopodiaceae. *Flora of Australia* 48 : 70, Figs 3 & 41G, Map 26

nomenclatural synonym: *Lycopodium clavatum* var. *fastigiatum* (R.Br.) Benth.: 70

nomenclatural synonym: *Austrolycopodium fastigiatum* (R.Br.) Holub: 70

taxonomic synonym: *Lepidotis magellanica* P.Beauv.: 70

taxonomic synonym: *Lycopodium clavatum* var. *magellanicum* (P.Beauv.) Hook.f.: 70

common name: Mountain Clubmoss: ~ 70, Figs 3 & 41G, Map 26

Images



Fig. 1: '*Lycopodium fastigiatum*' by Fagg, M. (© Fagg, M.)



Fig. 2: '*Lycopodium fastigiatum*' by Fagg, M. (© Fagg, M.)



Fig. 3: '*Lycopodium fastigiatum*' by Fagg, M. (© Australian National Botanic Gardens)



Fig. 4: '*Lycopodium fastigiatum*' by Fagg, M. (© Australian National Botanic Gardens)





Fig. 5: '*Lycopodium fastigiatum*' by Royal Botanic Gardens Victoria (© Royal Botanic Gardens Board)

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Fig. 6: '*Lycopodium fastigiatum*' by Fagg, M. (© Fagg, M.)

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Fig. 7: '*Lycopodium fastigiatum*' by Fagg, M. (© Australian National Botanic Gardens)

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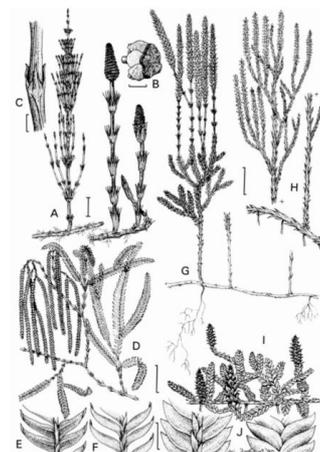


Fig. 8: '*Lycopodium fastigiatum*' by G.R.M.Dashorst. (© Commonwealth of Australia)

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