

## *Pseudodiphasium volubile*

### Family:

Lycopodiaceae

### Botanical name

*Pseudodiphasium volubile* (G.Forst.) Holub

Link to Australian Plant Name Index for publication details and synonyms:

<https://id.biodiversity.org.au/name/apni/51312474>



Habit. © P. Bostock

### Description

Main stems trailing or scandent, to 5 m long, wiry, branched, terete, with scattered appressed subpeltate attenuated scale leaves, 3.5–5 mm long. Branchlets scattered, spreading, flattened into 1 plane, much-branched. Leaves trimorphic, yellowish green, rarely orange; lateral leaves in 2 alternate to opposite rows, ovate-lanceolate, falcate, attenuate, adnate, 3–4 mm long, to 1 mm wide; upper leaves in 2 alternate to opposite rows, scale-like, appressed, 1–2 mm long, c. 0.2 mm wide; lower leaves in 1 row, widely spaced, appressed, scale-like, to 1 mm long, obscure.

### Distribution

Recorded once from Mt Bellenden Ker in NE QLD. Also in New Zealand, Malesia and Pacific Islands.

### Habit and habitat

Terrestrial, scrambling and climbing over shrubs in low microphyll vine forest or in open situations.

### Natural history

This species was recorded by Domin on Mt Bellenden Ker and has not been collected again. A second collection without precise locality data is present in the NSW herbarium. The occurrence of this taxon in Australia is considered doubtful.

### Similar species

None - this is the only large climbing Lycopod recorded from Australia.

### Citation of Australian Tropical Ferns and Lycophytes

Field AR, Quinn CJ, Zich FA (2022) Australian Tropical Ferns and Lycophytes. [apps.lucidcentral.org/fern/text/intro/index.htm](https://apps.lucidcentral.org/fern/text/intro/index.htm) (accessed online INSERT DATE).

Field AR, Quinn CJ, Zich FA (2022) '*Platyserium superbum*', in Australian Tropical Ferns and Lycophytes. [apps.lucidcentral.org/fern/text/entities/platyserium\\_superbum.htm](https://apps.lucidcentral.org/fern/text/entities/platyserium_superbum.htm) (accessed online INSERT DATE).

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