

Lindsaea repens

Family:

Lindsaeaceae

Botanical name

Lindsaea repens (Bory) Thwaites

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

<https://id.biodiversity.org.au/name/apni/113760>

Common name:

Climbing *Lindsaea*

Description

Rhizome high-climbing, 1.5–3 mm diam.; stele strongly dorsiventral; scales to 5 mm long, persistent, later deciduous and exposing a \pm dull rhizome. Fronds monomorphic. Stipes distant, 1–5 cm long, much shorter than lamina, stramineous to pale-brown, darker towards base. Lamina 1-pinnate, linear, to 70 cm long and 3 mm wide, gradually and strongly reduced towards base. Pinnules broadly asymmetrically flabellate, sessile to shortly stalked, 15–30 mm long, herbaceous, closely spaced, gradually reduced and becoming contiguous or pinnatifid towards apex; outer margin shallowly incised; veins free, 1–2 times forked. Juvenile lamina with deeply lobed pinnae. Sori broken by marginal incisions. Spores trilete, pale greenish or pale brown, smooth.

Distribution

Localised at a few ever-wet sites between Iron Range and Fraser Island QLD. Also widespread in the Palaeotropics.

Habit and habitat

Terrestrial, lithophytic or hemi-epiphytic climber. Growing in riparian or wetland rainforest.

Natural history

A species comprised of multiple varieties *sensu* Kramer K.U. & McCarthy P.M. (1998) Lindsaeaceae in *Flora of Australia* Vol. 48 pp. 228–240.

Cultivation

Difficult to propagate and establish.

Similar species

The climbing hemi-epiphytic habit distinguishes this species from all other Australian *Lindsaea*.

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 (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 (accessed online INSERT DATE).



Close up of frond showing sori.

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Close up of frond showing sori.

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Habit. © CSIRO

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