

Lindsaea brachypoda

Family:

Lindsaeaceae

Botanical name

Lindsaea brachypoda (Baker) Salomon

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

<https://id.biodiversity.org.au/name/apni/112387>

Description

Rhizome short-creeping, 0.6–1 mm diam.; scales rounded, to c. 0.5 mm long, pale brown. Fronds dimorphic. Stipes clustered, mostly 5–13 cm long, from c. half the length of lamina to almost as long, stramineous. Lamina 1-pinnate to partly or fully 2-pinnate, ±linear. Fertile lamina or fertile pinnae of 2-pinnate forms c. 10–20 cm long, 1.2–2 cm wide; pinnules to 12 mm long and 5 mm wide, sessile or very shortly stalked, mostly asymmetrically flabellate or more elongate, but lowermost ones often decurved, herbaceous; lower margin entire; upper margin with 1–4 shallow incisions. Sterile lamina or sterile pinnae of 2-pinnate forms 7–14 cm long, 1.2–1.5 cm wide; pinnules smaller than fertile ones, similar in shape; lower margin entire; upper and outer margins crenate. Veins free, simple or twice-forked. Sori continuous or broken at incisions; indusium 0.3–0.5 mm wide and extending almost to margin, greenish to pale brown, entire to slightly irregular. Spores trilete, pale brown, smooth.

Distribution

Endemic to Australia, widespread from N NT through QLD to N NSW.

Habit and habitat

Terrestrial in a wide variety of habitats including rainforest, wet sclerophyll forest and open woodland.

Similar species

The combination of terrestrial habit, free veins, yellow brown stipe, asymmetrically flabellate upper pinnae and decurved lower pinnae distinguish this species from 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 upper (adaxial) side. © G. Sankowsky



Frond. © G. Sankowsky



Habit. © CSIRO

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