

## *Lindsaea walkerae*

### Family:

Lindsaeaceae

### Botanical name

*Lindsaea walkerae* Hook.

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

<https://id.biodiversity.org.au/name/apni/114041>

### Description

Rhizome short- to long-creeping, 1.5–2 mm diam.; scales to 2 mm long, reddish-brown. Fronds monomorphic. Stipes spaced along rhizome, dark brown to black. Lamina 1-pinnate, narrowly oblong to narrowly ovate, 15–25 (–70) cm long, (1.5–) 3–6 (–20) cm wide, shorter to much longer than the stipe; rachis blackish. Pinnules in (3–) 5–9 (–17) pairs, obliquely or very strongly ascending, sessile to shortly stalked, linear to narrowly ovate, 2–4 (–5) cm long, 2.5–6 (–8) mm wide, chartaceous to rigidly coriaceous; margins entire, ±revolute; midrib ±distinct; lateral veins free, forked 1–3 times. Terminal pinnule similar in shape and size to laterals. Sori continuous; indusium extending to the margin, 0.4 mm wide, pale brown, entire. Spores trilete, dark brown, smooth.

### Distribution

Torres Strait to Cowley Beach in NE QLD, Arnhem Land and Melville Island NT. Also in Malesia.

### Habit and habitat

Terrestrial, usually in oligotrophic wetlands in open forest and heath with carnivorous plants.

### Similar species

The presence of dark stipes and continuous linear sori on both margins of elongate pinnae distinguishes this species from all other Australian *Lindsaea*. *Lindsaea walkerae* is similar to *Lindsaea ensifolia* subsp. *ensifolia* but has a darker brown stipe.

### 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) '*Platynerium superbum*', in Australian Tropical Ferns and Lycophytes. [apps.lucidcentral.org/fern/text/entities/platynerium\\_superbum.htm](https://apps.lucidcentral.org/fern/text/entities/platynerium_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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