

# *Pyrrosia lanceolata*

## Family:

Polypodiaceae

## Botanical name

*Pyrrosia lanceolata* (L.) Farw.

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

<https://id.biodiversity.org.au/name/apni/116262>

## Description

Rhizome long-creeping, branched, c. 1.5–3 mm diam. Scales narrowly ovate, appressed, 1.2–5 mm long, 0.3–1 mm wide, with a long fragile hair-like apex, dark brown with pale ciliate margins. Stipes scattered, (0–) 0.5–4 cm long, sparsely hairy. Fronds dimorphic, fleshy, glossy above; adult fronds ±glabrescent, sometimes sparsely hairy below; midrib prominent below; other veins ±visible. Sterile lamina narrowly obovate to obovate or spatulate, occasionally narrowly ovate or narrowly elliptic, c. 3–12.5 cm long, 1–2.8 cm wide; base cuneate, tapering gradually into winged stipe; apex broadly rounded. Fertile lamina c. 5.5–17 cm long; lower part c. 0.5–2 cm wide, gradually tapering into winged stipe, often ±abruptly narrowed above; fertile part ±linear, c. 0.4–0.8 cm wide; apex ±obtuse. Sori round, to c. 1 mm diam., closely packed in rows corresponding to areoles, extending from midrib to margin, usually in distinct groups between main lateral veins when young, confined to upper one-third to two-thirds of the lamina. Spores 42.5–75 µm long, 20–45 µm wide, irregularly verrucose to distinctly bicuspluate.

## Distribution

Occurs in the eastern coast of northern Cape York Peninsula in NE QLD. Also widespread in Asia, Malesia and the Pacific Islands.

## Habit and habitat

Epiphytic or lithophytic in lowland and lower montane vine forest, often in boulder pile vine forest.

## Natural history

A drought tolerant species expressing CAM photosynthesis.

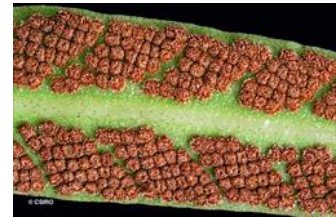
## Cultivation

Easily cultivated in a pot, on a slab or on a tree in a moist tropical garden.

## 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).



Close up of frond showing sori.

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Close up of frond showing sori.

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Frond. © CSIRO



Habit. © CSIRO



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