

# *Arthropteris submarginalis*

## Family:

Tectariaceae

## Botanical name

*Arthropteris submarginalis* Domin

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

<https://id.biodiversity.org.au/name/apni/102659>

## Description

Rhizome 1–1.5 mm diam.; upper surface densely covered with minute appressed black-brown scales (frequently lost with age) which sometimes bear short marginal glandular hairs. Fronds 5.5–39 cm long, tapering towards base and partly to apex; uppermost pinna pair and terminal pinna usually distinctly enlarged. Stipes to 5 cm long; rachis bearing scattered scales (rarely) and short curled hairs; indumentum dense on upper surface, rare to absent on lower surface. Pinnae bearing similar hairs on proximal part of upper midrib; lower midrib generally glabrous; apex generally acuminate to attenuate. Sterile pinnae 14–48 mm long, 6–14 mm wide, not markedly auriculate; margins entire to crenulate. Fertile pinnae 9–55 mm long, 3–13 mm wide, often with a low rounded auricle; margins usually crenate. Sori superficial, submarginal, usually absent from auricle; indusium round, glabrous.

## Distribution

Endemic to NE QLD between Mt Finnegan and Johnstone River.

## Habit and habitat

Hemiepiphytic climber on trees and occasionally on rocks in mesic low to upper montane vine forest.

## Natural history

This species starts as a terrestrial fern and climbs up tree trunks to become an epiphyte.

## 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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