

Plesioneuron tuberculatum

Family:

Thelypteridaceae

Botanical name

Plesioneuron tuberculatum (Ces.) Holttum

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

<https://id.biodiversity.org.au/name/apni/84350>

Description

Rhizome short, erect. Fronds to c. 1.7 m long. Stipe to 70 cm long, glabrescent, with narrow thick basal scales to 7 mm long. Lamina to 100 cm long; basal pinnae with stalks 3–5 mm long; distal pinnae sessile; largest pinnae c. 25 cm long, 5 cm wide, caudate-acuminate (cauda 2.5–5 cm long), lobed to 1–1.5 mm from costa; aerophores elongate; costules 5–7 mm apart, each with a small swelling at the base; veins to 25 pairs; basal acroscopic veins passing to the sides of sinus membranes; lower surface of costae and costules with sparse brown hairs; upper surface of rachis and costae with short dark hairs. Sori near costules; indusium small, glabrous, caducous; sporangia bearing small red glands.

Distribution

Wet Tropics of NE QLD in the Johnstone and Russell River valleys. Also in Malasia.

Habit and habitat

Terrestrial on creek banks in high rainfall lower montane vine forest.

Natural history

A rare and localised species in Australia.

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) surface. © G. Sankowsky

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Habit. © G. Sankowsky



Stipe, scales. © G. Sankowsky

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