

## *Pneumatopteris costata*

### Family:

Thelypteridaceae

### Botanical name

*Pneumatopteris costata* (Brack.) Holttum

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

<https://id.biodiversity.org.au/name/apni/62161>

### Description

Rhizome short, erect. Fronds to 85 cm long, dark green. Stipe 5–10 cm long. Lamina elliptic, to 75 cm long, mid-green, not pustular abaxially when dried; pinnae to 30 pairs; basal 4–8 pairs gradually reduced, not auriculate; lowest c. 10 mm long; largest pinnae c. 15 cm long, 1.5 cm wide, narrowly acuminate, lobed at least half-way to costa; lobes entire; veins 8 or 9 pairs; basal ones anastomosing; 1 or both of next pair passing to the sinus membrane; lower surface with minute acicular hairs and very small sessile or subsessile colourless glands which collapse on drying; glands also scattered between veins on upper surface; hairs on upper surface of rachis and costae colourless, acicular, more than 0.5 mm long. Sori inframedial, exindusiate or with very small glabrous indusium; sporangia with small capitate hairs near the annulus.

### Distribution

Between the Russell and Tully Rivers in the Wet Tropics of NE QLD. Also scattered across the Pacific Islands and Malesia.

### Habit and habitat

Terrestrial in mesic vine forest in lower-montane river valleys.

### 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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Close up of frond showing sori.

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Stipe. © G. Sankowsky



Frond. © G. Sankowsky

