

Prosaptia maidenii

Family:

Polypodiaceae

Botanical name

Prosaptia maidenii (Watts) Parris

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

<https://id.biodiversity.org.au/name/apni/178040>

Description

Lamina (5.3–) 10.1–20.9 (–27) cm long, 1.2–2.7 (–3.6) cm wide; pinnae 18–42 (–60) pairs; longest pinnae 8–16 (–22) mm long, 2–5 mm wide; margins entire or crenulate; hairs of 2 types, dark red-brown, simple, 0.2–1.5 mm long, eglandular, and forked hairs, 0.2–1 mm long, on margin and both surfaces of rachis and lamina. Sori deeply sunken in steep-sided pits with rim 0.2–0.5 mm tall, opening \pm at right angles to lamina or angled towards margin.

Distribution

Endemic to NE QLD between Iron Range and Eungella.

Habit and habitat

Epiphytic or lithophytic in mesic vine forest.

Similar species

Key to Australian *Prosaptia* spp.:

1a. Sori not sunken in pits with a raised rim, sori medial, not protruding beyond the lamina margin = *Prosaptia fuscopilosa*

1b. Sori sunken in pits with a raised rim, sori supra-medial to submarginal resulting in a protrusion on the lamina margin = 2

2a. Sori in pouches on the margin, few pairs, restricted to the lobe apex = *Prosaptia contigua*

2b. Sori in rimmed depressions, several pairs, not restricted to the lobe apex = *Prosaptia maidenii*

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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