

Prosaptia contigua

Family:

Polypodiaceae

Botanical name

Prosaptia contigua (G.Forst.) C.Presl

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

<https://id.biodiversity.org.au/name/apni/120031>

Description

Rhizome scales medium brown to blackish with whitish or pale to dark red-brown marginal hairs. Lamina 12.7–23.5 (–30) cm long, 15–28 mm wide; pinnae (35–) 43–59 (–66) pairs; longest pinnae 8–16 mm long, 2–4 mm wide; margins entire or crenulate; hairs of 2 types; hairs 0.2–0.6 mm long, medium to dark red-brown, simple, eglandular, on margins, both surfaces of rachis and abaxially on lamina, and forked hairs on both surfaces of rachis, sometimes on both surfaces of pinna midvein and margin. Sori deeply sunken in steep-sided pits ±parallel to surface of lamina, opening towards margin c. 0.5 mm from it.

Distribution

Occurs in NE QLD between Iron Range and Kirrama Range. Also in Asia, Malesia, and the Pacific Islands.

Habit and habitat

Epiphytic and lithophytic in low- to upper- montane rainforest, usually near creeks.

Similar species

Key to Australian *Prosaptia* spp.;

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

1b. Sori sunken in pits with a raised rim, 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.
© G. Sankowsky



Close up of frond showing upper (adaxial) side. © G. Sankowsky



Frond. © G. Sankowsky



Habit. © CSIRO

Copyright © Australian Tropical Herbarium 2022, all rights reserved.



Web edition hosted at <https://apps.lucidcentral.org/ferns>