

Pyrrosia longifolia

Family:

Polypodiaceae

Botanical name

Pyrrosia longifolia (Burm.f.) C.V.Morton

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

<https://id.biodiversity.org.au/name/apni/116685>

Common name:

Long-leafed Felt Fern

Description

Rhizome long-creeping, branched, 1.5–4 mm diam. Scales narrowly ovate, (1–) 2.5–5 mm long, 0.9–1.5 mm wide, appressed, shiny, dark to blackish brown in the middle, with pale chartaceous entire to ragged margins. Fronds erect to pendulous, 3–66 cm long. Stipes scattered, winged to base, (0–) 0.6–6 (–10) cm long. Lamina long, narrow, fleshy, recurved, 0.7–3.6 cm wide; apical portion narrowest; upper surface pale green, glabrous; lower surface silvery grey, covered with a close thin layer of interlacing hairs; midrib raised beneath. Sori round, 0.5–1.2 mm diam., crowded in 4–8 rows on either side of midrib, reaching half to nearly three-quarters of the way down lamina. Spores 47.5–75 µm long, 27.5–40 µm wide, irregularly verrucose.

Distribution

Occurs in NE QLD from Torres Strait to Rockingham Bay. Also widespread in Asia, Malesia and the Pacific Islands.

Habit and habitat

Epiphytic or lithophytic in a wide variety of vine forest and wet-sclerophyll forest communities.

Natural history

A drought tolerant species expressing CAM photosynthesis.

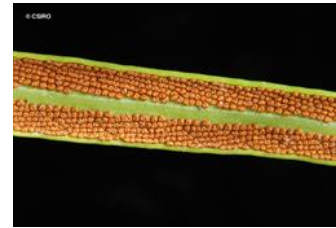
Cultivation

Easily cultivated in a pot, slab or on a tree in a moist tropical or subtropical garden.

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) '*Platynerium superbum*', in Australian Tropical Ferns and Lycophytes. apps.lucidcentral.org/fern/text/entities/platynerium_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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Rhizome. © G. Sankowsky



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