

Doodia linearis

Family:

Blechnaceae

Botanical name

Doodia linearis J.Sm.

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

<https://id.biodiversity.org.au/name/apni/177308>

Common name:

Rasp Fern

Description

Rhizome short-creeping. Stipe without tubercles. Fronds dimorphic. Fertile lamina pinnate, 8.5–44.5 cm long, 6–18 mm wide; apical lobe c. half to two-thirds of lamina length. Pinnae simple, adnate to rachis apart from basal 1 or 2 pairs which are stalked; longest fertile pinnae 2–11 mm long, 2–4 mm wide; rachis and pinna midvein without tubercles. Sori 0.7–10 mm or more long, 0.5–1 mm wide, usually confluent laterally and across pinna midvein when mature, 1 or 2 rows on pinnae including apical lobe; inner row nearer midvein; outer row nearer margin.

Distribution

Endemic to NE and SE QLD with scattered populations between Atherton and Eumundi.

Habit and habitat

Terrestrial in wet sclerophyll forest or rainforest margins.

Cultivation

Readily cultivated in a container or in the ground in a semi-shaded tropical, subtropical or temperate garden or fernery.

Similar species

Key to tropical Australian species of *Doodia*:

- 1a. Fronds strap-like and unlobed for more than half of their length = *Doodia linearis*
- 1b. Fronds pinnately lobed, not strap like for more than half their length = 2
- 2a. Pinnae sessile and decurrent throughout = *Doodia aspera*
- 2b. Lower pinnae stalked, upper pinnae sessile and decurrent = 3
- 3a. Transition from stalked to sessile decurrent pinnae abrupt over 1–3 pinna pairs = *Doodia media*
- 3b. Transition from stalked to sessile decurrent pinnae gradual over 4–6 pinna pairs = 4
- 4a. Lower and mid pinnae deeply pinnatifid or pinnatisect = *Doodia dissecta*
- 4b. Lower and mid pinnae simple, not as above = *Doodia caudata*

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 sori.
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Habit. © G. Sankowsky

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