

Davallia solida

Family:

Davalliaceae

Botanical name

Davallia solida (G.Forst.) Sw.

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

<https://id.biodiversity.org.au/name/apni/81669>

Common name:

Hare's-Foot Fern

Description

Rhizome long creeping, white-waxy, appressed to substrate. Black peltate bases of rhizome scales usually persistent; remainder deciduous. Fronds not always markedly dimorphic, 50–70 cm long, 25–38 cm at widest point, chartaceous. Stipe 12–25 cm long, bearing scattered reduced scales with a minute peltate base and marginal crisped hairs; rachis and lower surface of lamina with scattered reduced scales. Sori marginal; indusium usually 1–2 mm long, often projecting beyond margin, very tightly attached along both sides, narrowly cylindrical.

Distribution

Has a fragmented distribution between Temple Bay and Innisfail QLD. Also in Asia, Malesia and Pacific Islands.

Habit and habitat

Epiphytic, litophytic or terrestrial in rainforest, occasionally growing from *Asplenium*, *Drynaria* and *Platyserium* clumps.

Natural history

An attractive ornamental fern that can be invasive in greenhouse situations.

Cultivation

Easy to cultivate in a hanging container or planted in a nest-fern in a tropical or subtropical garden or fernery. May be invasive in moist greenhouse conditions.

Similar species

Similar to *Davallia pyxidata* but differing in lamina shape, *Davallia solida* having persistent rhizome scales, and by having a long creeping habit with the rhizome appressed to the substrate.

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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Frond. © G. Sankowsky



Habit. © G. Sankowsky



Rhizome. © CSIRO

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