



Hymenophyllum malingii

Common Name(s):

Filmy fern

Current Threat Status (2012):

Not Threatened

Distribution:

Endemic. North and South Islands from Te Moehau and Mt Pirongia south throughout the western parts of the South Island, and also around Dunedin.

Habitat:

Montane to subalpine. Usually on the dead or dying trunks of kaikawaka (*Libocedrus bidwillii*) but also occasionally found on Hall's totara (*Podocarpus cunninghamii*), rimu (*Dacrydium cupressinum*), Halocarpus *biformis*, beech (*Fuscospora* and *Lophozonia* spp.) and on moss covered boulders, rocks and cliff faces

Features*:

Epiphytic (rarely rupestral) fern forming dense to diffuse pendulous patches. Rhizomes long-creeping, gracile, rather brittle. Stipes 30-100 mm long, thin, brittle, not winged, densely covered in grey-red stellate hairs, rachises not winged. Laminae narrowly ovate or linear, 2-3-pinnate, greyish white to red-brown, 30-200 × 5-30 mm, all parts densely invested by stellate hairs, the adaxially grey and abaxially red-brown. Ultimate segments linear, rigid, tubular (round in cross-section), margins smooth. Sori terminating ultimate segments. Indusial flaps densely hairy.

Flowering:

N.A.

Fruiting:

N.A.

Threats:

Not Threatened

*Attribution:

Fact Sheet Prepared for NZPCN by P.J. de Lange (18 April 2011).
Description adapted from Brownsey & Smith-Dodsworth (2000).

References and further reading:

- Brownsey, P.J.; Smith-Dodsworth, J.C. 2000: *New Zealand Ferns and Allied Plants*. Auckland, David Bateman
- Thorsen, M. J.; Dickinson, K. J. M.; Seddon, P. J. 2009. Seed dispersal systems in the New Zealand flora. *Perspectives in Plant Ecology, Evolution and Systematics* 11: 285-309

For more information, visit:

http://nzpcn.org.nz/flora_details.asp?ID=843



Caption: Ruahine Range
Photographer: John Barkla



Caption: Mount Ruapehu.
Photographer: Jeremy Rolfe