



Trichomanes venosum

Common Name(s):

veined bristle fern, veined filmy fern

Current Threat Status (2012):

Not Threatened

Distribution:

Indigenous. New Zealand: Kermadec (Raoul Island), North, South, Stewart and Chatham Islands. Also Australia

Habitat:

Coastal to montane. A widespread and common filmy fern in the wetter parts of New Zealand. This species is usually found in closed forest where it the characteristic epiphyte of tree fern (*Cyathea* and *Dicksonia* spp.) trunks, though it will colonise other suitable trees. It is also found on rock faces, amongst moss on boulders, in tree caves and very rarely on damp, moss and liverwort encrusted ground.

Features*:

Epiphytic (rarely terrestrial) fern usually forming dense carpets on suitable substrates. Rhizomes 0.2-0.8 mm diameter, widely creeping, much-branched and interwoven; densely hairy, hairs long, golden brown. Fronds 20-180 mm long, bright green, translucent, venation conspicuous. Stipe 8-55 mm long, slender, not winged. Rachises winged. Lamina 20-110 × 15-65 mm, lanceolate to elliptic, somewhat irregular, 1-pinnatifid, 1(-2)-pinnate, glabrescent (hairs when present unbranched). Ultimate segments 1.5-6.0 mm wide; margins crenate; apex obtuse, truncate, often notched; veins pinnately branched; false veins absent. Sori immersed in short basal acroscopic lobes; involucre narrowly cylindrical, tapering to base, 1.5-4.0 × 0.8-1.2 mm, narrowly winged; mouth broadly dilated, sometimes bilabiate; receptacle exerted up to 10 mm beyond mouth.

Flowering:

N.A.

Fruiting:

N.A.

Threats:

Not Threatened

*Attribution:

Fact sheet prepared for NZPCN by P.J. de Lange (23 April 2011) based on Bostock & Spokes (1998)

References and further reading:

Bostock, P.D.; Spokes, T.M. 1998: Hymenophyllaceae: *Flora of Australia* 48: 116-148.

Brownsey, P.J. & Perrie, L.R. 2016: Hymenophyllaceae. In: Breitwieser, I.; Heenan, P.B.; Wilton, A.D. *Flora of New Zealand - Ferns and Lycophytes*. Fascicle 15. Manaaki Whenua Press, Lincoln.

Ebihara, A.; Dubuisson, J-Y.; Iwatsuki, K.; Hennequin, S.; Ito, M. 2006: A taxonomic revision of the Hymenophyllaceae. *Blumea* 51: 2-57

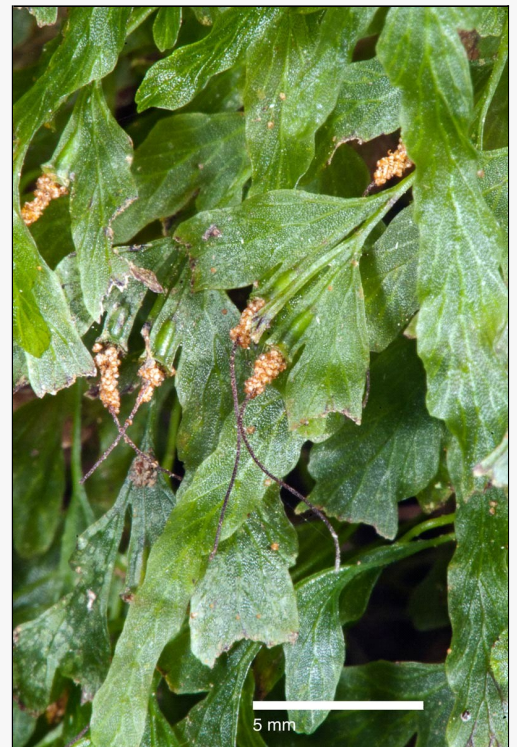
For more information, visit:

http://nzpcn.org.nz/flora_details.asp?ID=2276



Caption: Stokes Valley, Lower Hutt. May 2013.

Photographer: Jeremy Rolfe



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