



Trichomanes endlicherianum

Current Threat Status (2012):

Not Threatened

Distribution:

Indigenous. New Zealand: Kermadec (Raoul Island), Three Kings, North, South and Chatham Islands. Also Australia, Borneo, New Guinea, Vanuatu, Fiji, Samoa, Tahiti and Norfolk Island (the type locality). Common in the North Island but scarce over much of the South Island part of its range.

Habitat:

Coastal to montane but most common in lowland closed forest. Usually found growing along streams sides in deeply shaded sites on rocks, overhangs and in crevices. Because of this habitat preference it is very easily overlooked.

Features*:

Terrestrial (rarely epiphytic) fern forming dense carpets on suitable substrates. Rhizomes c.0.1 mm diameter, long-creeping; hairs dense short, red-brown. Fronds 13-40(-100) mm long, dark green. Stipes widely spaced, 3-13(-25) mm long, winged almost to the base. Rachises winged. Lamina 11-40(-80) × 5-15(-25) m, narrowly ovate to linear, deeply 2-3-pinnatifid. Ultimate segments 0.5-0.7 mm wide; margins entire; marginal cells clear, elongate, with oblique end walls; apices obtuse, often notched; false veins absent. Sori immersed in short, basal acroscopic segments of the pinnae; involucre funnellform, 1.5-2.0 × 1.0-1.5 mm wide, winged; mouth dilated, entire; receptacle exerted up to 4 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). Description adapted from Bostock & Spokes (1998).

References and further reading:

Bostock, P.D.; Spokes, T.M. 1998: Hymenophyllaceae. *Flora of Australia*. Vol. 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=2275



Caption: Stokes Valley, Lower Hutt.
Photographer: Jeremy Rolfe



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