



Trichomanes elongatum

Common Name(s):

bristle fern

Current Threat Status (2012):

Not Threatened

Distribution:

Endemic. New Zealand: North, South and Chatham Islands. Scarce on the Chatham Islands where it is only known from Rekohu (Chatham Islands)

Habitat:

Coastal to montane in closed and open forest and gumland scrub. Usually on semi-shaded mossy clay banks, in overhangs on rock, soil, clay or along stream side banks. Often in rather dry or seasonally dry, semi-shaded sites. This species appears to resent poorly drained habitats.

Features*:

Terrestrial tufted fern. Rhizomes short, stout, erect, bearing numerous dark brown hairs. Fronds submembranous, ± cartilaginous, dark olive-green, adaxially glossy, surfaces often covered in epiphyllous liverworts and mosses. Stipes 50-200 mm long. Rachises winged only near apices. Laminae 60-150 × deltoid, 3-pinnate. Primary and secondary pinnae overlapping, stalked; ultimate segments broad, deeply toothed, the veins forking several times in each. Sori sessile, borne in notches of lamina segments, several on each primary pinnae. Indusia tubular, mouth slightly flared, receptacle exerted.

Flowering:

N.A.

Fruiting:

N.A.

Threats:

Not Threatened

*Attribution:

Fact sheet prepared for NZPCN by P.J. de Lange (21 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

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=2274



Caption: Lowry Kauri Forest, Glen Murray

Photographer: Peter J. de Lange
October 1988



Caption: Long Bay, Coromandel

Photographer: John Smith-Dodsworth