



Trichomanes strictum

Common Name(s):

Erect bristle fern

Current Threat Status (2012):

Not Threatened

Distribution:

Endemic. New Zealand: North, South, Stewart and Chatham Islands from Te Pahi south and mainly westerly in the two main islands of New Zealand. Extremely uncommon on the Chatham Islands where it is known only from two sites on Rekohu (Chatham Island).

Habitat:

Coastal to montane, in closed forest (at usually (but not exclusively) at higher altitudes in the North Island), often in tree caves, and amongst exposed tree roots, in and around rock overhangs, cave entrances, and within pot holes in ephemeral streams, or on mossy logs and moss covered banks and ledges within stream systems. Occasionally on clay banks in gumland scrub.

Features*:

Terrestrial tufted fern. Rhizomes short, stout, erect, bearing numerous red-brown hairs. Fronds dark green, ± erect, arcuate. Stipes 30-140 mm long. Rachises narrowly winged throughout. Laminae 60-200(-220) × 20-60 mm, narrowly elliptic, 3-pinnate, somewhat stiff and bristly. Primary and secondary pinnae stalked, imbricate; ultimate segments linear, each furnished with a single unbranched vein. Sori present near bases of lamina segments, stalked on short branches, several on each primary pinna. Indusia tubular, mouth slightly flared, receptacle exserted.

Flowering:

N.A.

Fruiting:

N.A.

Threats:

Not Threatened. However, this species is biologically sparse and probably merits listing as "At Risk/Naturally Uncommon" qualified "Sp" [Sparse].

*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=1323



Caption: Showing growth habit

Photographer: John Smith-Dodsworth, Mt Te Aroha



Caption: Underside of mature frond showing sporangia

Photographer: John Smith-Dodsworth, Mt Te Aroha