



Zealandia novae-zealandiae

Common Name(s):

Mountain hounds tongue fern

Current Threat Status (2012):

Not Threatened

Distribution:

Endemic. North Island from about Maunaupaki (Camels Hump) and Table Mountain (Kauaeranga Valley) and Mt Karioi south to the southern Tararua Ranges.

Habitat:

An epiphytic species of montane to subalpine (600 - 1400 m a.s.l.) cloud forest and scrub. Very rarely found growing on rocks or logs on the forest floor.

Features*:

Rhizomes long creeping, 5-10 mm diameter, covered in erect, orange-brown (rust-coloured) hyaline scales. Stipes 100-300 mm long, pale brown, wiry and pliant. Frond lamina pinnate, 100-1200 x 70-350 mm, dark green or yellow green, upper surface glossy, undersides dull and paler in colour, ovate, coriaceous, more or less glabrous. Pinnae in 3-30 pairs, 70-180 x 5-15 mm, long tapering to obtuse or subacute apices, bases adnate, margins smooth or undulose. Sori conspicuous, orange, positioned near margins of pinna.

Flowering:

Not applicable - spore producing

Fruiting:

Not applicable - spore producing

Threats:

Not Threatened. A fairly widespread endemic of upper montane and cloud forests. It can be locally very common.

*Attribution:

Fact sheet prepared for NZPCN by P.J. de Lange (9 January 2005). 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

Testo, W.L.; Field, A.R.; Sessa, E.B.; Sundue, M. 2019: Phylogenetic and morphological analyses support the resurrection of *Dendroconche* and the recognition of two new genera in Polypodiaceae Subfamily Microsoroideae. *Systematic Botany* 44(4): 1-16. DOI 10.1600/036364419X15650157948607

For more information, visit:

http://nzpcn.org.nz/flora_details.asp?ID=285



Caption: Waikaremoana
Photographer: John Smith-Dodsworth



Caption: Holdsworth, Tararua Forest Park. Feb 2008.
Photographer: Jeremy Rolfe