

Crepidomanes humile

BIOSTATUS

Native

CURRENT CONSERVATION STATUS

2023 | Threatened – Nationally Critical | Qualifiers: DPR, DPS, DPT, OL, SO

[Jump to previous conservation statuses](#)

CATEGORY

Vascular

STRUCTURAL CLASS

Ferns

DETAILED DESCRIPTION

For a detailed description (as *Trichomanes humile*) see [Flora of New Zealand](#)

SIMILAR TAXA

Polyphlebium endlicherianum which is also present on Raoul Island.

DISTRIBUTION

Indigenous. Kermadec Islands (Raoul Island only).

Circumtropical—widespread throughout the Pacific and in Asia and northern Australia.

HABITAT

Confined to 'wet forest' on Raoul Island where it plants have been found growing as low epiphyte amongst *Radula cordiloba* subsp. *erigens* and on shaded rock faces on the eastern flank of Prospect.

THREATS

The only known New Zealand population is confined to Raoul Island, an active volcanic island and part of the Kermadec Islands Nature Reserve. There the species is judged secure from human related threats. However, *Crepidomanes humile* was only recognised in May 2011 and it does seem to be genuinely scarce on Raoul Island based on the lack of previous collections and its current seemingly very limited occurrence near Prospect.

GENUS

Crepidomanes

FAMILY

Hymenophyllaceae

AUTHORITY

Crepidomanes humile (G.Forst.) Bosch.

SYNONYMS

Trichomanes humile G.Forst.

TAXONOMIC NOTES

NZPCN now follows Ebihara et al. (2006) in recognising *Crepidomanes* as distinct from *Trichomanes*—although Brownsey & Perrie (2016) rejected this idea, the generic segregation was adopted by the PPG I (2016) and is now widely followed throughout the world.

ENDEMIC TAXON

No



Raoul Island, from a specimen collected May 2011 by Peter de Lange. Photographer: Jeremy R. Rolfe, Date taken: 29/11/2011, Licence: CC BY.



Raoul Island, from a specimen collected May 2011 by Peter de Lange. Photographer: Jeremy R. Rolfe, Date taken: 29/11/2011, Licence: CC BY.

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

PROPAGATION TECHNIQUE

Difficult—should not be removed from the wild.

ETYMOLOGY

humile: Lowest

PREVIOUS CONSERVATION STATUSES

2017 | Threatened – Nationally Critical | Qualifiers: DP, OL, SO

2012 | At Risk – Naturally Uncommon | Qualifiers: DP

2009 | At Risk – Naturally Uncommon | Qualifiers: DP, SO

[Jump to current conservation status](#)

REFERENCES AND FURTHER READING

Brownsey PJ, Perrie LR. 2016. Hymenophyllaceae. In: Breitwieser I, Heenan PB, Wilton AD. Flora of New Zealand - Ferns and Lycophytes. Fascicle 15. Manaaki Whenua Press, Lincoln, NZ. <https://doi.org/10.7931/B1QP4Z>.

Ebihara A, Dubuisson, J-Y, Iwatsuki K, Hennequin S, Ito M. 2006. A taxonomic revision of the Hymenophyllaceae. *Blumea* 51: 2–57. <https://doi.org/10.3767/000651906X622210>.

PPG 1: The Pteridophyte Phylogeny Group 2016. A community-derived classification for extant lycophytes and ferns. *Journal of Systematics and Evolution* 54: 563–603. <https://doi.org/10.1111/jse.12229>.

ATTRIBUTION

Fact Sheet Prepared for NZPCN by: P.J. de Lange (15 June 2011).

NZPCN FACT SHEET CITATION

Please cite as: de Lange, P.J. (Year at time of access): *Crepidomanes humile* Fact Sheet (content continuously updated). New Zealand Plant Conservation Network. <https://www.nzpcn.org.nz/flora/species/crepidomanes-humile/> (Date website was queried)

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/crepidomanes-humile/>

PDF DATE

25 May 2026