

Paraphymatoceros hirticalyx

COMMON NAMES

Hornwort

BIOSTATUS

Native

CURRENT CONSERVATION STATUS

2020 | At Risk – Naturally Uncommon | Qualifiers: DP

[Jump to previous conservation statuses](#)

CATEGORY

Non-vascular

STRUCTURAL CLASS

Hornworts

DISTRIBUTION

Indigenous. New Zealand: North and South Islands - recorded from Little Barrier (Hauturu) Island, Mt Ruapehu and from near Reefton

HABITAT

Damp seepages on cliff faces, stream banks and collected also from alpine flushes

THREATS

Unknown. At one stage believed to be highly threatened as the then only known populations occurred in highly vulnerable sites along roadsides near Reefton. because the species was poorly understood it was re-assessed as "Data Deficient" "OL" [One Location] and "?SO" [Secure Overseas] (Glenny et al. 2011). Since then *Paraphymatoceros hirticalyx* has been recognised in the North Island from Little Barrier (Hauturu) Island and Mt Ruapehu suggesting that it is more overlooked than it is truly threatened. Further survey to clarify its true threat status in New Zealand would be useful.

GENUS

Paraphymatoceros

FAMILY

Anthocerotaceae

AUTHORITY

Paraphymatoceros hirticalyx (Steph.) Stotler

SYNONYMS

Phaeoceros hirticalyx (Steph.) Haseg.

ENDEMIC TAXON

No

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

FLOWERING

Not applicable - plants reproduce by spores



Paraphymatoceros hirticalyx. Photographer: Bill Malcolm, Licence: All rights reserved.



Paraphymatoceros hirticalyx. Photographer: Bill Malcolm, Licence: All rights reserved.

PREVIOUS CONSERVATION STATUS

2011 | Data Deficient | Qualifiers: OL, ?SO

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REFERENCES AND FURTHER READING

Glenny, D.; Fife, A.J.; Brownsey, P.J.; Renner, M.A.M.; Braggins, J.E.; Beever, J.E.; Hitchmough, R. 2011: Threatened and uncommon bryophytes of New Zealand (2010 Revision). *New Zealand Journal of Botany* 49: 305-327.

ATTRIBUTION

Fact sheet prepared for NZPCN by P.J. de Lange August 2009.

NZPCN FACT SHEET CITATION

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<https://www.nzpcn.org.nz/flora/species/paraphymatoceros-hirticalyx/> (Date website was queried)

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/paraphymatoceros-hirticalyx/>

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27 May 2026