

Crossidium geheebii

COMMON NAMES

moss

BIOSTATUS

Native

CURRENT CONSERVATION STATUS

2025 | Non-resident Native – Vagrant | Qualifiers: SO

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CATEGORY

Non-vascular

STRUCTURAL CLASS

Mosses

DETAILED DESCRIPTION

Diminutive, light yellow-brown, colonial moss of limestone rock. Stems 2 mm tall or more, stout, comose. leaves 1.0-1.5 mm long, imbricated and incurved when dry, suberect to spreading when moist; lamina broadly ovate or ovate-oblong, obtuse, concave, margins deeply reflexed, entire. nerve wide and distinct, excurrent in a long hyaline, smooth arista, the upper ventral portion of nerve surface densely covered with long green filaments. Cells above c.15 microns, subquadrate, pellucid, smooth, rather incrassate; those below longer, rectangular, with thin walls. Seta 5-10 mm long. Capsule 1 mm long, erect, narrowly elliptic. Peristome with 32 filiform teeth on a low basal cylinder, spirally twisted to the left. Operculum conico-rostrate, slightly curved, about 1/2 capsule length. Calyptra long, hooded.

DISTRIBUTION

Indigenous. Australia and New Zealand. Hawke's Bay.

SUBSTRATE DETAILS

Limestone and other calcareous rocks. usually colonising fallen rock and rubble near cliff faces

THREATS

Very vulnerable to competition from weeds and mining/quarrying for lime and limestone rock for building.

GENUS

Crossidium

FAMILY

Pottiaceae

AUTHORITY

Crossidium geheebii (Broth.) Broth.

SYNONYMS

None

TAXONOMIC NOTES

Fact Sheet Prepared for NZPCN by: P.J. de Lange 31 August 2007.

ENDEMIC TAXON

No

ENDEMIC GENUS

No

ENDEMIC FAMILY

No



FRUITING

Fruits may be found throughout the year

PREVIOUS CONSERVATION STATUSES

2014 | Non-resident Native – Vagrant | Qualifiers: DP, SO

2010 | Non-resident Native – Vagrant | Qualifiers: DP, SO

2005 | Threatened – Nationally Critical | Qualifiers: OL, SO

[Jump to current conservation status](#)

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/crossidium-geheebii/>

PDF DATE

27 May 2026