

# Dicranella temperata

## COMMON NAME

Moss

## SYNONYMS

None

## FAMILY

Dicranaceae

## AUTHORITY

*Dicranella temperata* Allison

## FLORA CATEGORY

Non-vascular – Native

## STRUCTURAL CLASS

Mosses

## CURRENT CONSERVATION STATUS

2009 | Data Deficient

## DISTRIBUTION

Endemic. South Island (Lake Te Anau)

## DETAILED DESCRIPTION

Dioicous, minute, densely tufted saxicolous moss. Tufts yellow-green above, brown below. Stems 5-6 mm tall, simple or sparingly branched, radiculose in the lower part. Leaves up to 2 mm long and 0.3 mm wide at base, crisped when dry, spreading when moist, crowded above, concave, from a widened non-sheathing ligulate base; lamina obtuse or acute, apex usually rounded; margin entire, plane or recurved to one side. Nerve about 60 microns wide at base, narrow and indistinct in the subula, failing well below apex. Cells incrassate or with firm walls, smooth, rather turgid above; those of the subula about 10 microns, usually quadrate, those below shortly rectangular, 2-3 x 1. Perichaetial bracts with much wider base. Seta c.10 mm long, erect and symmetrical, slightly plicate when dry, narrowly elliptic, with a tapered neck, annulate; stomata wanting. Peristome teeth inserted slightly below rim, red, short, c.140 microns long, irregularly divided in the upper portion, smooth, not striolate. Operculum about 1/2 the length of capsule; beak curved. Calyptra hooded, smooth, covering the capsule. Male inflorescence terminal, gemmiform with short bracts.

## FRUITING

Unknown

## THREATS

Not known. This species has been very rarely collected and does seem to be genuinely uncommon if not biologically sparse. Until further locations are discovered an accurate conservation assessment would, at this stage be impractical.

## SUBSTRATE

Greywacke and schist rock. In exposed places or under forest

## MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/dicranella-temperata/>



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