

# Dicranoweisia spenceri

## COMMON NAME

moss

## SYNONYMS

None

## FAMILY

Dicranaceae

## AUTHORITY

Dicranoweisia spenceri Dixon et Sainsbury

## FLORA CATEGORY

Non-vascular – Native

## ENDEMIC TAXON

Yes

## ENDEMIC GENUS

No

## ENDEMIC FAMILY

No

## STRUCTURAL CLASS

Mosses

## CURRENT CONSERVATION STATUS

2009 | Data Deficient

## PREVIOUS CONSERVATION STATUS

2004 | Threatened – Nationally Critical

## DISTRIBUTION

Endemic. North and South Islands.

## HABITAT

Corticolous on the bark of small trees and shrubs in montane forest and subalpine areas

## DETAILED DESCRIPTION

Polyoicous, corticolous, tufted, yellow moss colonising the bark of small trees and shrubs. Stems up to 10 mm tall, simple or branched. Leaves and areolation similar but alar cells usually less numerous and coloured. Perichaetial bracts obtuse and bluntly cuspidate. Seta to 10 mm long, slender, yellow. Capsule to 1.3 mm long, narrowly oval or oblong, pale, scaly with a red rim and with stomata near the base. peristome inserted on the rim, the teeth bifid for the greater part of their length, densely and obliquely striolate, finely papillose above. Operculum with an inclined subulate beak nearly equaling the capsule. Calyptra hooded. Male inflorescences on female plants or on separate plants.

## FRUITING

Spring to Summer (exact fruiting period unknown)

## THREATS

In 2011 *Dicranoweisia spenceri* was rediscovered at its type locality near Arthur's Pass in the South Island. Indications are that although rather localised it is not under any threat at that site. Nothing is known about its status in the North Island. Because this information came after the last Bryophyte Threat Listing was accepted for publication (Glenny et al. 2011) this moss remains for now "Data Deficient". That listing is probably still appropriate as nothing is known about this moss at any of the others sites in which it has been historically gathered.

## ATTRIBUTION

Fact Sheet Prepared for NZPCN by: P.J. de Lange 2 August 2007. Description adapted from Sainsbury (1955).



## 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.

Sainsbury, G.O.K. 1955: A handbook of the New Zealand mosses. *Royal Society of New Zealand Bulletin* 5.

## NZPCN FACT SHEET CITATION

Please cite as: de Lange, P.J. (Year at time of access): *Dicranoweisia spenceri* Fact Sheet (content continuously updated). New Zealand Plant Conservation Network.

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

## MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/dicranoweisia-spenceri/>