

Willia calobolax

COMMON NAMES

moss

BIOSTATUS

Native

CURRENT CONSERVATION STATUS

2025 | Data Deficient | Qualifiers: DPR

[Jump to previous conservation statuses](#)

CATEGORY

Non-vascular

STRUCTURAL CLASS

Mosses

DETAILED DESCRIPTION

Terricolous, loosely tufted moss. Leaves 2.0-2.5 mm long, suberect to spreading when dry or moist; lamina oblong, concave, widely acute or obtuse, sometimes slightly contracted in mid-lamina; margins plane and entire; nerve very stout, c.80 microns wide in central portion of lamina, narrowed at the base, excurrent as a stout, often slightly recurved mucro, red, at the apex corrugated or papillose on the dorsal surface. Upper cells 10-15 microns, irregularly isodiametrical, obscure, densely papillose; cells below 10-15 microns wide and 2-3 x 1, smooth, with rather firm walls, scarcely altered at the margin. Fruit unknown.

DISTRIBUTION

Indigenous. Subantarctic. In New Zealand little known. The first record from the country came from fragments isolated from within a collection of *Leptostomum inclinans* R.Br.ter. made in 1904 by Leonard Cockayne.

SUBSTRATE DETAILS

Terricolous on damp peaty ground amongst tussocks (*Chionochloa* Zotov).

GENUS

Willia

FAMILY

Pottiaceae

AUTHORITY

Willia calobolax (Müll.Hal.) Lightowlers

SYNONYMS

Barbula calobolax Müll.Hal.; *Tortula pachyneura* Dixon; *Trichostomum imshaugii* (Vitt.) R.H.Zander

ENDEMIC TAXON

No

ENDEMIC GENUS

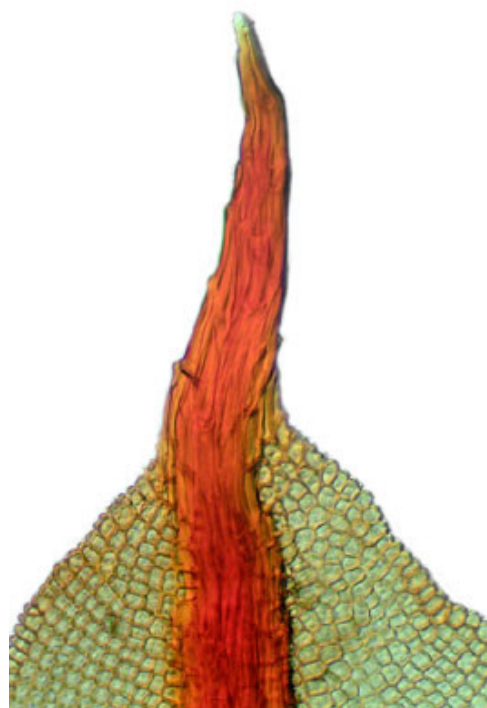
No

ENDEMIC FAMILY

No



Willia calobolax. Photographer: Bill Malcolm, Licence: All rights reserved.



Willia calobolax. Photographer: Bill Malcolm, Licence: All rights reserved.

FRUITING

Fruits not known

PREVIOUS CONSERVATION STATUSES

2014 | Threatened – Nationally Critical

2010 | Threatened – Nationally Critical | Qualifiers: DP, RR, S?O

2005 | Data Deficient | Qualifiers: S?O

[Jump to current conservation status](#)

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/willia-calobolax/>

PDF DATE

25 May 2026