

# Willia calobolax

## COMMON NAME

Moss

## SYNONYMS

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

## FAMILY

Pottiaceae

## AUTHORITY

*Willia calobolax* (Müll.Hal.) Lightowlers

## FLORA CATEGORY

Non-vascular – Native

## ENDEMIC TAXON

No

## ENDEMIC GENUS

No

## ENDEMIC FAMILY

No

## STRUCTURAL CLASS

Mosses

## CURRENT CONSERVATION STATUS

2009 | Threatened – Nationally Critical | Qualifiers: DP, RR, ?SO

## PREVIOUS CONSERVATION STATUS

2004 | Data Deficient

## 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.

## DETAILED DESCRIPTION

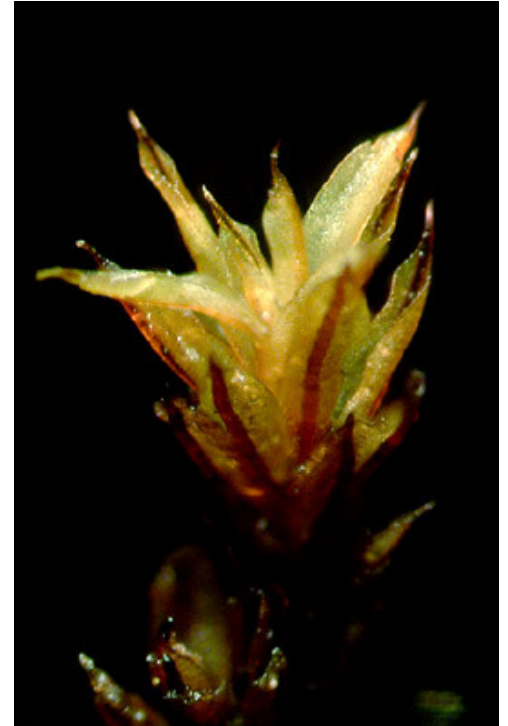
Terricolous, loosely tufted moss. Leaves 2.0-2.5 mm long, suberect to spreading when dry or moist; lamina oblong, concave, widely acute or obtuse, sometimes slightly contracted in mid-lamina; margins plane and entire; nerve very stout, c.80 microns wide in central portion of lamina, narrowed at the base, 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.

## FRUITING

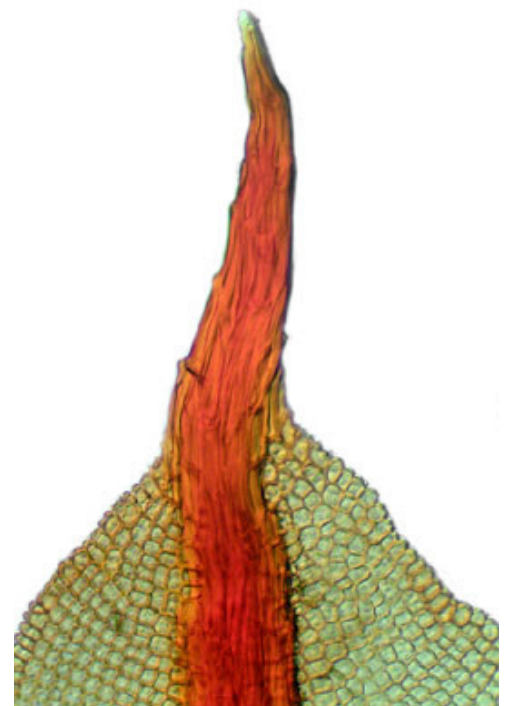
Fruits not known

## THREATS

Only known in New Zealand from a few collections, otherwise very poorly known which is why it has been listed as Data Deficient



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



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**SUBSTRATE**

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

**MORE INFORMATION**

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