

# Acromastigum brachyphyllum

## COMMON NAME

Liverwort

## SYNONYMS

None

## FAMILY

Lepidoziaceae

## AUTHORITY

Acromastigum brachyphyllum A.Evans

## FLORA CATEGORY

Non-vascular – Native

## STRUCTURAL CLASS

Liverworts

## NVS CODE

ACRBRA

## CURRENT CONSERVATION STATUS

2009 | Data Deficient

## PREVIOUS CONSERVATION STATUS

2004 | Threatened – Nationally Critical

## DISTRIBUTION

Indigenous. South (Westland) and Stewart Islands (Tin Range).

## DETAILED DESCRIPTION

Plants consisting of loose stems, shiny, golden to olive brown. Stems 60 mm, blackish, dichotomously branched from acute angles. Leaves scarcely contiguous to a little imbricate, obliquely spreading, small, 0.35–0.45 x 0.25–0.30 mm, bilobed, lobes triangular sometimes much reduced, apex usually decurved; ventral lobe the larger, scarcely 0.1 mm. long, sinus small acute; ventral margin straight or a little concave, mostly at an angle of 45 degrees from the axis, a little incurved. Dorsal margin strongly rounded at the base. Vitta of cells not clearly defined, and trigones indistinct, but the cells in the ventral area are larger than those in dorsal, ca. 25 micrometre, decreasing to 10 micrometre, at the dorsal margin and the upper portion of the leaf. Stipules 0.2 mm. wide at the base, slightly auricled and mostly extending across the width of the stem, narrower at the apex, and only 0.1 mm tall on stems examined, obtusely trifid to the middle, segments broadly obtuse. Inflorescences unknown.

## FRUITING

Not seen

## THREATS

This species is seriously threatened by coal mining at its main stronghold

## SUBSTRATE

Montane to alpine. Terricolous and corticolous on water saturated peat, on rotting logs and the lower trunks of trees and shrubs.

## ATTRIBUTION

Fact Sheet Prepared for NZPCN by P.J. de Lange September 2007.

## NZPCN FACT SHEET CITATION

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

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



**MORE INFORMATION**

<https://www.nzpcn.org.nz/flora/species/acromastigum-brachyphyllum/>