

# Plagiochila incurvicolla var. incurvicolla

## COMMON NAMES

Liverwort

## BIOSTATUS

Native – Endemic taxon

## CURRENT CONSERVATION STATUS

2020 | Data Deficient

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## CATEGORY

Non-vascular

## STRUCTURAL CLASS

Liverworts

## DETAILED DESCRIPTION

Pale yellowish brown plants with erect leafy shoots arising from a horizontal leafless axis; shoots medium, to 2.8 mm wide. Branching frequent, the branches all lateral-intercalary, innovations mostly from axis of involucreal leaves; stolons at times arising from near bases of branches. Stems wiry, pale brown, cortical cells in 3-4 layers. Leaves widely spreading, often at right angles to stem, slightly ventrally second, more or less horizontal; leaves broadly and asymmetrically ovate, widest subbasally; apex rounded to subacute, sharply toothed, teeth not notably larger than those of ventral margin; dorsal margin narrowly and sharply recurved, more or less straight, with 1 or more sharp teeth in distal half, becoming narrowly revolute at base and filling insertion; ventral margin moderately curved in distal portion, distinctly ampliate at base, toothed to the apex, the base truncate, entire, shortly decurrent. Marginal teeth coarse, narrowly acuminate from broad base, 2-3 cells wide at base, the uniseriate row 3-5 cells long. Underleaves vestigial consisting of 1 or more filiform cell clusters. Cells of median portion of leaf with trigones everywhere very large, strongly nodulose-triradiate, lumen surrounded by trigones with intervening thin-walled places, cells more or less isodiametric, 22-99 x 24-30 microns; median basal cells larger and elongated, forming a short, broad basal field; leaf margins without differentiated border, wall thickenings similar to those of median cells, cuticle smooth. Male plants not seen. Gynoecia at apices of main shoot and lateral-intercalary branches; bracts of innermost series asymmetrically narrowly ovate, the dorsal margin entire or with a tooth near the apex, ventral margin with larger teeth like those of leaves. Perianth obovate, broadest at mouth; mouth broadly rounded, laciniate, the teeth crowded, slenderly acuminate to subcaudate, ending in a uniseriate row of up to 6 cells long. Sporophytes not seen.

## DISTRIBUTION

Endemic. Stewart Island: Ulva Island (Patersons Inlet)

## SUBSTRATE DETAILS

Terricolous amongst mosses in lowland coastal forest

## THREATS

*Plagiochila hatcheri* is still only known only from the type gathering which came from Ulva Island a secure Nature Reserve. It has not been seen there recently.

## GENUS

*Plagiochila*

## FAMILY

Plagiochilaceae

## AUTHORITY

*Plagiochila incurvicolla* var. *incurvicolla* (Hook.f. & Taylor) Gottsche, Lindenb. & Nees



## SYNONYMS

*Plagiochila hatcheri* Engel et Merr.

## ENDEMIC TAXON

Yes

## ENDEMIC GENUS

No

## ENDEMIC FAMILY

No

## FRUITING

Unknown

## PREVIOUS CONSERVATION STATUSES

2009 | Data Deficient | Qualifiers: OL

2004 | Threatened – Nationally Critical

[Jump to current conservation status](#)

## ATTRIBUTION

Fact Sheet Prepared for NZPCN by: P.J. de Lange 3 January 2009.

## MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/plagiochila-incurvicolla-var-incurvicolla/>

## PDF DATE

25 May 2026