

# Notoligotrichum bellii

## COMMON NAME

Moss

## SYNONYMS

*Psilopilum bellii* Broth.

## FAMILY

Polytrichaceae

## AUTHORITY

*Notoligotrichum bellii* (Broth.) G.L. Smith.

## FLORA CATEGORY

Non-vascular – Native

## STRUCTURAL CLASS

Mosses

## CURRENT CONSERVATION STATUS

2009 | Range Restricted

## DISTRIBUTION

Endemic. South Island, Otago (Mt Cargill, Leith Valley), lakes Manapouri and Te Anau

## DETAILED DESCRIPTION

Stout brown moss of wet ground. Stems up to 50 mm tall, simple. Leaves c.5 mm long, somewhat crisped and spreading when dry, erect-patent or spreading when moist, oblong from a slightly widened scarcely sheathing base, obtuse, concave, with margins undulate above, more or less convolute towards the apex and sharply and unequally serrate. Nerve failing below the apex or percurrent, variably toothed on the back above. Lamellae (thin plate or sheet like structures) lax, distant, sinuose, 30-40 (rarely more), comprising 2-3 rows of cells, straight or almost so in side view and with the terminal cell smooth or very faintly papillose. Cells of the widened base shortly rectangular above and lengthened below, not hyaline at the margin. Cells of the lamellate lamina in numerous rows (15 or more), 20-25 µm wide, subquadrate or transversely oval, variably incrassate. Seta c.15 mm tall, stout, curved. Capsule 4 mm long, turgidly ovoid, with a short neck, almost symmetrical; mouth wide and oblique. Peristome wanting.

## FRUITING

Although fruit has been seen insufficient information exists to provide any details on the timing of fruiting

## THREATS

Not threatened. However with a very localised distribution.

## SUBSTRATE

Terricolous on damp, muddy ground - along stream margins and lake shorelines

## MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/notoligotrichum-bellii/>

