

# Psoroma paleaceum

## SYNONYMS

*Psoroma hirsutum*

## FAMILY

Pannariaceae

## AUTHORITY

*Psoroma paleaceum* (Fr.) Timdal & Tønsberg

## FLORA CATEGORY

Lichen – Native

## ENDEMIC TAXON

No

## ENDEMIC GENUS

No

## ENDEMIC FAMILY

No

## STRUCTURAL CLASS

Lichens - Crustose

## CURRENT CONSERVATION STATUS

2018 | Not Threatened | Qualifiers: SO

## BRIEF DESCRIPTION

Characterised by the terricolous/graminicolous habit; the hairy, crustose thallus; apothecia with narrow, crenate margins furnished with long, silky, white hairs, a brown, epruinose disc; and simple, colourless, subglobose ascospores, 16–19 × 12–14 µm.

## DISTRIBUTION

**North Island:** Taranaki (Mt Taranaki). **South Island:** Nelson (Cobb Valley, Mt Arthur, St Arnaud Ra.), Marlborough (ridge between Resolution Bay and Ship Cove, Molesworth), Canterbury (Arthur's Pass, Porter's Pass, Hooker Valley), Otago (Routeburn Valley, Mt Earnslaw, Pisa Range, Dunstan Mts, Old Man Range, Poolburn, Raggedy Range, Lake Onslow, Rock & Pillar Range, Mt Pissgah, Maungatua, The Nuggets), Southland (Borland Saddle, West Dome). **Stewart Island:** (Glory Cove). **Chatham Islands:** (Moubray Hill).

Known also from New South Wales, Tasmania and Macquarie Island, Kerguelen, southern South America and Alaska. It is now known more widely in Iceland and Scandinavia (Denmark, Sweden, Norway).

## HABITAT

A characteristic grassland species growing on dead tussock bases or over decumbent vegetation and litter, or on soil, s.l. (in the far south and in S Otago) to 2000 m.

## DETAILED DESCRIPTION

**Thallus** minute, granular or hairy, greyish, amorphous, often disappearing, without any prothallus, squamules small, 0.5–1.0 mm diam., flattened-lobulate, glaucous grey, covered in long white, silky hairs, not often seen. **Cephalodia** not seen. **Apothecia** prominent, 1–2 mm diam., round, scattered, ± deeply cupuliform, disc red-brown, matt, smooth, continuous, not pruinose, without etching, fissures, or thalline lobules, margins crenate, thick, pale buff or greyish, densely covered with long, silky, white hairs. **Ascospores** 16–21 × 9–14 µm.

**Chemistry:** TLC–, all reactions negative.



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## **SUBSTRATE**

Terricolous, graminicolous.

## **ATTRIBUTION**

Fact sheet prepared by Marley Ford (25 August 2021). Brief description, Distribution, Habitat, and Features sections copied from Galloway (1985; 2007).

## **REFERENCES AND FURTHER READING**

Galloway D.J. 1985: *Flora of New Zealand: Lichens*. Wellington: PD Hasselberg, Government Printer. 662 pp.  
Galloway D.J. 2007: *Flora of New Zealand: Lichens, including lichen-forming and lichenicolous fungi*. 2nd edition. Lincoln, Manaaki Whenua Press. 2261 pp.

## **MORE INFORMATION**

<https://www.nzpcn.org.nz/flora/species/psoroma-paleaceum/>