

# Psoromidium aleuroides

## SYNONYMS

Coccocarpia fineranii, Lecidea aleuroides, Pannaria descendens, Phyllopsora aleuroides, Phyllopsora wellingtonii, Psoroma descendens, Psoromaria descendens, Psoromidium wellingtonii

## FAMILY

Pannariaceae

## AUTHORITY

Psoromidium aleuroides (Stirt.) D.J.Galloway

## FLORA CATEGORY

Lichen – Native

## ENDEMIC TAXON

No

## ENDEMIC GENUS

No

## ENDEMIC FAMILY

No

## STRUCTURAL CLASS

Lichens - Squamulose

## CURRENT CONSERVATION STATUS

2018 | Not Threatened | Qualifiers: SO

## BRIEF DESCRIPTION

Characterised by the corticolous (rarely saxicolous) habit; a thallus that is often areolate-diffract centrally, the squamules convex-imbricate; a thick, byssoid prothallus; confluent-conglomerate apothecia with margins often excluded at maturity; hymenium 1+ deep-blue; an apical ring structure present in the ascus apex; and ellipsoidal to broadly fusiform ascospores, with rounded or bluntly apiculate apices, 10–13.5(–15) × 4–6 µm.

## DISTRIBUTION

**North Island:** Northland (Little Barrier Island), Auckland (Waitakere Ranges, Rangitoto Island), South Auckland (Mt Moehau, Coromandel Peninsula, Tihoi near Lake Taupo, Takaanu), Wellington (Lake Rotoaira, Ruahine Ranges).

**South Island:** Canterbury (Mt Peel), Otago (Boys Bush near Dunedin), Southland (Lake Hankinson, Fiordland, Secretary Island Doubtful Sound).

**Stewart Island:** (Glory Cove, Noble Island Port Pegasus). **Auckland Islands:** (Hanfield Inlet, Laurie Harbour).

**Campbell Island:** (Moubray Hill, S slopes of Mt Honey).

Known also from Victoria and Tasmania

## HABITAT

On bark of trees and shrubs in forest, also on lignum and rarely on rocks in humid, forest habitats.

## DETAILED DESCRIPTION

**Thallus** small-squamulose, to 10 cm diam. Squamules small, rounded, 0.5–2.0 mm diam., crowded, imbricate to ± suberect, margins shallowly to deeply crenate, bright lettuce-green to pale greenish-grey, turning brownish-buff on storage, matt, with paler margins, forming an areolate crust on a thick, black, byssoid prothallus, discrete and scattered near margins. **Cephalodia** rosette-shaped, placodioid, flattened, pale blue-grey, 1–3 mm diam., at margins of squamules or on prothallus. **Apothecia** numerous, sessile, often aggregated and ± confluent, 0.4–1.0 mm diam., dark red-brown, matt, with a thin, pale margin, at first, soon becoming convex and immarginate. **Asci** clavate to ellipsoid, 70–75 µm long. **Paraphyses** slender, apices not thickened, simple, sometimes dichotomously branching above asci. **Ascospores** ellipsoid or elongate-ellipsoid to broadly fusiform, rounded or bluntly apiculate at ends, 10–13.5(–15) × 4–6 µm, wall slightly scabrid, c. 1 µm thick.



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## **SUBSTRATE**

Corticolous, rarely saxicolous.

## **ATTRIBUTION**

Fact sheet prepared by Marley Ford (14 September 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/psoromidium-aleuroides/>