

# Podotara pilophoriformis

## FAMILY

Ramalinaceae

## AUTHORITY

Podotara pilophoriformis Malcolm & Vězda

## FLORA CATEGORY

Lichen – Native

## ENDEMIC TAXON

Yes

## ENDEMIC GENUS

Yes

## ENDEMIC FAMILY

No

## STRUCTURAL CLASS

Lichens - Crustose

## CURRENT CONSERVATION STATUS

2018 | Data Deficient

## BRIEF DESCRIPTION

Characterised by the foliicolous habit; the white, spreading areolate thallus; the distinctively stalked, globose, pinkish apothecia; 3-septate ascospores with characteristically thickened septa; and a distinctive chemistry.

## DISTRIBUTION

**South Island:** Nelson, Stewart Island. Probably more widely distributed.

## HABITAT

Foliicolous on leaves of *Podocarpus totara* and *Podocarpus laetus*.

## DETAILED DESCRIPTION

**Thallus** epiphyllous, crustose, areolate, areolae dispersed, 0.3–0.5 mm diam., 0.1 mm thick, white, without a prothallus. Apothecia globose, sometimes of two or more fused tubercles, pink, 0.3–0.35(–0.5) mm diam., stipitate, stalk white, 0.2–0.4 mm tall, 0.1 mm diam. Epithecium with small, yellow-brown granules, dissolving in K. Hymenium to 70 µm tall, colourless. Hamathecium of paraphyses, straight, partly anastomosing, 1.5 µm thick. Hypothecium hyaline. **Ascospores** ellipsoidal, 3-septate, 12–15 × 2.5–3 µm, septa unevenly thickened.

**Chemistry:** Thallus K+ yellow→red; containing norstictic acid (major), conorstictic acid (minor or tr.), salazinic acid (minor or tr.) and galbinic acid (minor, trace or lacking).

## SUBSTRATE

Foliicolous

## ATTRIBUTION

Fact sheet prepared by Marley Ford (5 August 2021). Brief description, Distribution, Habitat, Features and Similar taxa sections copied from Galloway (2007).

## REFERENCES AND FURTHER READING

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



Foliicolous on halls totara. Photographer: Marley Ford, Licence: CC BY-NC.



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**MORE INFORMATION**

<https://www.nzpcn.org.nz/flora/species/podotara-pilophoriformis/>