

# Peltigera canina

## FAMILY

Peltigeraceae

## AUTHORITY

Peltigera canina (L.) Willd.

## FLORA CATEGORY

Lichen – Native

## ENDEMIC TAXON

No

## ENDEMIC GENUS

No

## ENDEMIC FAMILY

No

## STRUCTURAL CLASS

Lichens - Foliose

## CURRENT CONSERVATION STATUS

2018 | Data Deficient | Qualifiers: SO, Sp

## BRIEF DESCRIPTION

Characterised by the terricolous habit; its large, rounded lobes with inflexed margins and evenly tomentose upper surface; the pale lower surface with distinct, raised, whitish veins and richly branched rhizines having confluent bases.

## DISTRIBUTION

**South Island:** Canterbury (Mt Cook), Otago.

Cosmopolitan. It is widespread, arctic to temperate in the Northern Hemisphere (North America, Britain, Scandinavia, Europe, Asia, Africa), and in South America and Australia in the Southern Hemisphere where it appears to be scattered and rare.

## HABITAT

Known so far in NZ from subalpine situations in both adventive and native grasslands.

## DETAILED DESCRIPTION

**Thallus** forming broadly radiating patches, 4–8(–10) cm diam. Lobes 1–2 cm wide, 3–6 cm long. **Margins** entire to very shallowly scalloped or incised, slightly thickened below, noticeably downturned at apices. **Upper surface** dark livid grey-brown to reddish grey-brown when wet, pale grey-brown when dry, densely and uniformly tomentose, unevenly wrinkled to ±bullate in central parts. **Lower surface** whitish or pale whitish buff at margins, darkening centrally. **Veins** conspicuous, raised, narrow, anastomosing, pale-buff at margins, darkening to grey-brown centrally, interstices lenticular (×10 lens). **Rhizines** penicillate to flocculent, discrete to ±confluent at base, pale-buff or whitish at margins, grey-brown centrally, 1–4 mm long. **Apothecia** not seen.

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

## SIMILAR TAXA

It is distinct from *P. membranacea*, which has a thinner thallus, a coarser venation, more slender rhizines, which have a distinctive erect tomentum (×10 lens).

## SUBSTRATE

Terricolous



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### **ATTRIBUTION**

Fact sheet prepared by Marley Ford (29 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.

### **MORE INFORMATION**

<https://www.nzpcn.org.nz/flora/species/peltigera-canina/>