

# Peltigera praetextata

## FAMILY

Peltigeraceae

## AUTHORITY

Peltigera praetextata (Flörke ex Sommerf.) Zopf

## 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

## BRIEF DESCRIPTION

Characterised by marginal and occasionally also laminal phyllidia, a tomentose upper surface (the tomentum commonly only present at the margins), the flattened, smooth brown veins and slender, simple rhizines which are not fused together at their base.

## DISTRIBUTION

**South Island:** Canterbury (Hinewai Reserve Banks Peninsula, Peel Forest), Otago (Dunedin, Akatore, Craig Flat, Cascade Stream West Matukituki Valley).

Cosmopolitan. Widespread in the Northern Hemisphere and in East Africa.

## HABITAT

On shaded mossy rocks alongside streams and rivers, on damp rocks of roadside cuttings. It is still poorly known and collected in New Zealand.

## DETAILED DESCRIPTION

**Thallus** rounded to irregular, 3–10(–12) cm diam., closely attached centrally, margins  $\pm$ ascending. Lobes 0.5–1.5(–2) cm wide and 2–4 cm long. **Margins** slightly thickened below, inrolled or downrolled, entire, wavy or notched,  $\pm$ phyllidiate. **Upper surface** dark slatey blue-black, suffused red-brown at margins when wet, red-brown to grey-brown when dry, thinly tomentose at margins, glabrous centrally, wrinkled to  $\pm$ bullate,  $\pm$ phyllidiate. **Phyllidia** marginal or developing from cracks and tears in upper surface, simple at first, becoming  $\pm$ coralloid branched, 0.2–1 mm tall, concolorous with upper surface or darker, etomentose, scattered to  $\pm$ densely crowded. **Lower surface** whitish to pale-buff at margins, darkening to  $\pm$ brownish centrally. Veins conspicuous ( $\times 10$  lens), raised, 0.2–0.8 mm wide, whitish or pale yellow-brown at margins to brownish or  $\pm$ blackened centrally; interstices lenticular, whitish. Rhizines discrete, simple, pale to brown, 2–5 mm long. **Apothecia** occasional, on involute, marginal lobes,  $\pm$ rounded, 5–6 mm diam.; disc matt, dark red-brown, epruinose; margins pale-buff to red-brown, coarsely corrugate–scabrid to minutely phyllidiate, pale-buff, tomentose and  $\pm$ ridged below. **Ascospores** acicular, hyaline to pale-straw, 3–5-septate, 45–70  $\times$  3–4  $\mu$ m.

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

## SIMILAR TAXA

Distinguished from both *P. canica* and *P. membranacea* by the presence of marginal and occasionally also laminal phyllidia, a tomentose upper surface (the tomentum commonly only present at the margins), the flattened, smooth brown veins and slender, simple rhizines which are not fused together at their base.



## SUBSTRATE

Terricolous

## ETYMOLOGY

**praetextata**: Bordered with purple

## 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-praetextata/>