

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 μ 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/>