

Lepra psoromica

SYNONYMS

Pertusaria psoromica

FAMILY

Pertusariaceae

AUTHORITY

Lepra psoromica (A.W.Archer & Elix) A.W.Archer & Elix

FLORA CATEGORY

Lichen – Native

ENDEMIC TAXON

No

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Lichens - Crustose

CURRENT CONSERVATION STATUS

2018 | Not Threatened | Qualifiers: SO

BRIEF DESCRIPTION

Characterised by the corticolous habit; and the presence of numerous, conspicuous, white soralia, reacting K- and Pd+ intense-yellow (psoromic acid).

DISTRIBUTION

North Island: Northland (Great Barrier Island, Rakitu Island), South Auckland (Mt Moehau, Coromandel Peninsula, Upper Kauaeranga Gorge), Wellington (Rimutaka Ranges). **South Island:** Nelson (Kaihoka), Marlborough (Mt Maud, d'Urville Island), Westland (between Greymouth and Runanga), Otago (Silver Peaks, Mt Cargill), Southland (Cascade Creek, Eglinton Valley). **Stewart Island:** (Port Pegasus, Islet Cove). Also in Papua New Guinea and Australia.

HABITAT

On *Aristotelia serrata*, *Coprosma arborea*, *Dysoxylum spectabile*, *Metrosideros excelsa*, *Nothofagus menziesii* [*Lophozonia menziesii*], *Olearia furfuracea*, *O. rani*, *Rhopalostylis sapida*, s.l. to 700 m.

DETAILED DESCRIPTION

Thallus dull-fawn or pale olive-green, areolate, surface smooth or subtubercular, somewhat shiny, soredia present; without isidia. **Soralia** conspicuous, numerous, white, initially pustulate, composed of granular soredia, hemispherical or discoid, 0.5–2.0 mm diam. **Apothecia** not seen.

Chemistry: K-, KC-, C-, Pd+ intense-yellow; containing psoromic acid (major) and conpsoromic acid (minor).

SUBSTRATE

Corticolous

ATTRIBUTION

Fact sheet prepared by Melissa Hutchison (15 March 2022). Brief description, Distribution, Habitat, and Features sections copied from Galloway (2007).



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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/lepra-psoromica/>