

Pertusaria sporellula

FAMILY

Pertusariaceae

AUTHORITY

Pertusaria sporellula A.W.Archer & Elix

FLORA CATEGORY

Lichen – Native

ENDEMIC TAXON

Yes

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Lichens - Crustose

CURRENT CONSERVATION STATUS

2018 | Data Deficient | Qualifiers: OL

BRIEF DESCRIPTION

Characterised by the corticolous habit; disc-like apothecia; 8-spored asci; very small, spherical ascospores; and a negative chemistry.

DISTRIBUTION

North Island: Northland. Very poorly known in New Zealand.

HABITAT

A species only known from a handful of collection, some include on **Pinus radiata* bark with *Lecanora flavopallida*.

DETAILED DESCRIPTION

Thallus off-white to pale greyish white, thin, surface smooth and somewhat shining, without isidia or soredia. **Apothecia** disc-like, numerous, scattered or sometimes contiguous, margins thick, initially inrolled and obscuring disc, concolorous with thallus; disc black, partly white-pruinose, at first concave becoming plane with age, 0.2–0.4 mm diam. **Ascospores** 8 per ascus, uniseriate, spherical, 15–20 µm diam., wall thin, c. 1 µm thick.

Chemistry: TLC–, all reactions negative.

SUBSTRATE

Corticolous

ATTRIBUTION

Fact sheet prepared by Marley Ford (13 February 2021). Brief description, Distribution, Habitat, and Features 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/pertusaria-sporellula/>



Corticolous on *Pinus radiata* with *Lecanora flavopallida*, Hokianga Far North. Photographer: Marley Ford, Date taken: 30/05/2021, Licence: CC BY.



Corticolous on *Pinus radiata* with *Lecanora flavopallida*, Hokianga Far North. Photographer: Marley Ford, Date taken: 30/05/2021, Licence: CC BY.