

Pertusaria parvula

FAMILY

Pertusariaceae

AUTHORITY

Pertusaria parvula 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 | Data Deficient | Qualifiers: OL

BRIEF DESCRIPTION

Characterised by the corticolous habit; verruciform apothecia; small ascospores; and the presence of 4,5-dichlorolichexanthone.

DISTRIBUTION

North Island: (Cape Palliser Wellington) (Ford 2022). **South Island:** Marlborough (Chetwode Islands) (Galloway 2007).

HABITAT

On bark. Known only from the type collection and a recent collection from Cape Palliser, Wellington corticolous on *Kunzea robusta* (M. Ford 2022).

DETAILED DESCRIPTION

Thallus off-white, thin, somewhat cracked, surface smooth and somewhat shining, without isidia or soredia. **Apothecia** verruciform, very flattened-hemispherical, concolorous with thallus, scattered, 0.8–1.2 mm diam.; **ostioles** conspicuous, black, 0.2–0.3 mm diam., 1 per verruca.

Ascospores 8 per ascus, uniseriate, ellipsoidal, smooth, 30–37 × 18–20 µm.

Chemistry: K–, C–, KC–, Pd–; containing 4,5-dichlorolichexanthone.

SIMILAR TAXA

It is superficially similar to both *P. albissima* and *P. melaleuroides* but is distinguished by the number and size of the ascospores and the presence of 4,5-dichlorolichexanthone.

SUBSTRATE

Corticolous

ETYMOLOGY

parvula: Very small, insignificant



Rare, corticolous on *Kunzea robusta* in coastal forest, Cape Palliser Wellington. Photographer: Marley Ford, Date taken: 03/07/2022, Licence: CC BY.



Rare, corticolous on *Kunzea robusta* in coastal forest, Cape Palliser Wellington. Photographer: Marley Ford, Date taken: 03/07/2022, Licence: CC BY.

ATTRIBUTION

Fact sheet prepared by Marley Ford (16 June 2023). Information in the Brief description, Distribution, Habitat, Features, and Similar taxa sections copied from Galloway (1985, 2007).

REFERENCES AND FURTHER READING

Ford M. 2022: iNaturalist observation. <https://inaturalist.nz/observations/124862785>. Date accessed: 16 June 2023.
Galloway D.J. 1985: *Flora of New Zealand: Lichens*. Wellington: PD Hasselberg, Government Printer. 662 pp.
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-parvula/>