

# Pertusaria otagoana

## BIOSTATUS

Native

## CURRENT CONSERVATION STATUS

Not Evaluated

## CATEGORY

Lichen

## STRUCTURAL CLASS

Lichens - Crustose

## LICHEN SUBSTRATE

Saxicolous (rock)

## DETAILED DESCRIPTION

**Thallus** thick, chalky-white or dingy creamish, areolate-cracked, areolae angular, convex, lumpy, separated by deep or shallow cracks, 0.3-1.0 mm diam. Fertile **verrucae** concolorous with thallus, 1-4 mm diam., rounded to irregular,  $\pm$  hemispherical, apex flattened. **Apothecia** 1-12 per verruca, immersed, ostiole black, punctiform impressed, 0.01-0.02 mm diam. **Asci** clavate 1-spored. **Ascospores** broadly ellipsoid,  $174\text{-}304.5 \times 70\text{-}95 \mu\text{m}$ , wall  $17\text{-}21 \mu\text{m}$  thick, to  $52 \mu\text{m}$  thick at ends, complex, double.

**Chemistry:** K+ yellow  $\rightarrow$  red, C-, KC+ red, Pd+ orange; containing norstictic acid.

## SUBSTRATE DETAILS

Saxicolous

## GENUS

Pertusaria

## FAMILY

Pertusariaceae

## AUTHORITY

Pertusaria otagoana D.J.Galloway

## SYNONYMS

Pertusaria simulans Zahlbr.

## ENDEMIC TAXON

No

## ENDEMIC GENUS

No

## ENDEMIC FAMILY

No

## NVS CODE

PEROTA

## REFERENCES AND FURTHER READING

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.



Saxicolous two species present, yellow (*Pertusaria lophocarpa*) and white (*Pertusaria otagoana*), Slopdown Forest Southland. Photographer: Marley Ford, Date taken: 16/11/2022, Licence: CC BY.



Saxicolous, Slopdown Forest Southland. Photographer: Marley Ford, Date taken: 16/11/2022, Licence: CC BY.

### **ATTRIBUTION**

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### **MORE INFORMATION**

<https://www.nzpcn.org.nz/flora/species/pertusaria-otagoana/>

### **PDF DATE**

25 May 2026