

# Pertusaria allosorodes

## FAMILY

Pertusariaceae

## AUTHORITY

*Pertusaria allosorodes* Elix & A.W.Archer

## FLORA CATEGORY

Lichen – Native

## ENDEMIC TAXON

Yes

## STRUCTURAL CLASS

Lichens - Crustose

## CURRENT CONSERVATION STATUS

2018 | Data Deficient

## SIMILAR TAXA

*Pertusaria allosorodes* resembles *P. sorodes* in that both species are corticolous and have flattened, multi-ostiolate apothecia, asci with two large ascospores, c. 200 µm long, with rough inner walls. The two species differ chemically: *P. sorodes* contains stenosporic and perlatolic acids whereas *P. allosorodes* contains the O-methylated analogues, 2-O-methylstenosporic and 2-O-methylperlatolic acids. The somewhat similar species, *Pertusaria southlandica* also from New Zealand, contains conhyppoprotocetraric acid and 2-chlorolichexanthone, whereas another somewhat similar species, *P. subsorodes* from Papua New Guinea, contains 2'-O-methylperlatolic acid.

This species also resembles *P. wattiana*. This species has flattened, multi-ostiolate apothecia, two rough-walled ascospores per ascus and contains norstictic and 2-O-methylstenosporic acids as major compounds but the ascospores are smaller (110–137 µm × 37–45 µm) than those of *allosorodes* (175–210 µm × 50–70 µm).

## SUBSTRATE

Corticolous

## REFERENCES AND FURTHER READING

Archer A.W. and Elix J.A. 2013: New Species of *Pertusaria* (Pertusariaceae) from Australia. *Telopea* 15: 111-117.

## MORE INFORMATION

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

## PDF DATE

17 September 2024



Corticolous on mangroves (*Avicennia marina* subsp. *australasica*). Photographer: Marley Ford, Licence: CC BY-NC.



Corticolous on pohutukawa (*Metrosideros excelsa*). Photographer: Marley Ford, Licence: CC BY-NC.