

Acarospora otagensis

FAMILY

Acarosporaceae

AUTHORITY

Acarospora otagensis H.Magn.

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

DISTRIBUTION

South Island: Canterbury (Banks Peninsula), Otago (Cromwell, Dunedin).

HABITAT

On rocks, with species of *Acarospora*, *Caloplaca*, *Candelariella*, *Rhizocarpon* and *Xanthoparmelia*.

DETAILED DESCRIPTION

Thallus dull greenish-brown to red-brown, rather leathery, cracked into rather thick (0.2-0.5 mm) angular, areolae; areolae very irregular, centrally separated by deep cracks, rounded sublobulate at margins, \pm convex, 0.5-1.2 mm diam., cortex C+ red. **Apothecia** very small, sunken, 2-3 per areola, 0.3-0.6 mm diam., disc red-brown, matt epruinose. **Ascospores** minute, ellipsoid to cylindrical, 100-200 per ascus, $3.5-5 \times 1.5 \mu\text{m}$.

SIMILAR TAXA

Similar to *A. fuscata* in habit and structure but has a pale lower and a paler upper surface, a more determinate thallus and more deeply impressed apothecia.

SUBSTRATE

Saxicolous

ATTRIBUTION

Fact sheet prepared by Marley Ford (26 January 2023). Brief description, Distribution, Habitat, and Features sections copied from Galloway (1985) & Galloway (2007).

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.

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/acarospora-otagensis/>

