

Austroparmelina conlabrosa

SYNONYMS

Pseudoparmelia conlabrosa Hale, *Parmelina conlabrosa* (Hale) Elix & J. Johnst.

FAMILY

Parmeliaceae

AUTHORITY

Austroparmelina conlabrosa (Hale) A. Crespo, Divakar & Elix

FLORA CATEGORY

Lichen – Native

ENDEMIC TAXON

No

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Lichens - Foliose

CURRENT CONSERVATION STATUS

2018 | Not Threatened | Qualifiers: SO

BRIEF DESCRIPTION

Characterised by the lignicolous (rarely saxicolous) habit; cylindrical isidia; and lecanoric acid in the medulla.

DISTRIBUTION

North Island. South Island.

Known also from Australia and New Caledonia.

HABITAT

On bark and decorticated wood, rarely on rocks, coastal and inland.

DETAILED DESCRIPTION

Thallus closely attached, 2–10 cm diam. **Lobes** imbricate, variable, sublinear–elongate to subirregular and apically rounded, sometimes subdichotomously branching, 1–3 mm wide, cilia sparse to moderately common, 0.1–0.5 mm long, black. **Upper surface** pale-grey to greenish grey, plane to convex, glossy, emaculate, smooth, **isidiate**, soredia absent. Isidia scattered to common, cylindrical, erect, often branched, less than 0.5 mm tall. **Lower surface** black, rhizines common, simple, black. **Apothecia** rare, sessile, 1–4 mm diam., exciple isidiate. **Ascospores** broadly ellipsoidal, 9–13 × 5–8 µm. **Pycnidia** rare, **Conidia** cylindrical, 3–4 × 1 µm.

Chemistry: Cortex K+ yellow; medulla K–, C+ red, KC+ red, Pd–; containing atranorin, chloroatranorin, lecanoric acid (major) and occasionally orsellinic acid (tr.).

SIMILAR TAXA

It is the isidiate counterpart of *A. pseudorelicina*. Similar to *Austroparmelina labrosa* but with isidia instead of soredia.

SUBSTRATE

Corticolous, lignicolous

Australe *Parmelina* have been moved into the genus *Austroparmelia* by Crespo *et al.* (2010).



Corticolous on rata (*Metrosideros perforata*), Waimamaku Far North. Photographer: Marley Ford, Date taken: 26/03/2021, Licence: CC BY.



Corticolous on rata (*Metrosideros perforata*), Waimamaku Far North. Photographer: Marley Ford, Date taken: 26/03/2021, Licence: CC BY.

ATTRIBUTION

Fact sheet prepared by Marley Ford (8 August 2022). Brief description, Distribution, Habitat, Features, and Extra information sections copied from Galloway (2007).

REFERENCES AND FURTHER READING

Crespo A., Ferencova Z., Perez-Ortega S., Elix J.A., and Divakar P.K. 2010: *Austroparmelina*, a new Australasian lineage in parmelioid lichens (Parmeliaceae, Ascomycota). *Systematics and Biodiversity* 8(2): 209-221.

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/austroparmelina-conlabrosa/>