

Austromelanelixia glabratuloides

SYNONYMS

Melanelixia glabratuloides, Melanelixia glabratuloides, Parmelia glabratuloides

FAMILY

Parmeliaceae

AUTHORITY

Melanelixia glabratuloides (Essl.) A.Crespo, Divakar & Elix

FLORA CATEGORY

Lichen – Native

ENDEMIC TAXON

Yes

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Lichens - Foliose

CURRENT CONSERVATION STATUS

2018 | Not Threatened

BRIEF DESCRIPTION

Characterised by the corticolous habit; the thin, rather delicate thallus; the slightly compressed isidia; gyrophoric acid in the medulla; and the absence of cortical hairs.

DISTRIBUTION

North Island: Taranaki (Inglewood on *Photinia*), Wellington (Hihitahi Forest N of Taihape). **South Island:** Canterbury (Boyle River), Otago (Hunter Valley), Southland (Te Anau).

Still rather poorly collected.

HABITAT

On bark of southern beech (*Fuscospora* spp.) and introduced shrubs.

DETAILED DESCRIPTION

Thallus ± closely attached throughout, to 6 cm diam. Lobes 1-3 mm broad, flat, short and rounded to somewhat elongate, contiguous to imbricate. **Upper surface** pale olive-tan to olive-brown, distinctly maculate at lobe ends, finely pitted or wrinkled near apices, more so centrally, shining at apices, matt centrally, isidiate, soredia and pseudocyphellae absent. Isidia cylindrical or slightly compressed, simple or branched, 3 mm tall. **Lower surface** black, paler or tan at margins, smooth to wrinkled, dull to shining, moderately rhizinate. **Rhizines** concolorous with lower surface, to 0.5 mm long. **Apothecia** rare, sessile to subpedicellate, ± flat, to 1.5 mm diam., margins isidiate.

Ascospores ovoid, 9-12 × 5.5-7. µm.

Chemistry: Cortex K–; medulla K–, C+ rose, KC+ rose, Pd–; containing gyrophoric acid.

SUBSTRATE

Corticolous

ATTRIBUTION

Fact sheet prepared by Marley Ford (14 December 2021). Brief description, Distribution, Habitat, and Features sections copied from Galloway (1985) & Galloway (2007).



Corticolous on *Sophora microphylla* in drylands Christchurch. Photographer: Marley Ford, Date taken: 03/07/2020, Licence: CC BY-NC.



Corticolous on *Sophora microphylla* in drylands Christchurch. Photographer: Marley Ford, Date taken: 03/07/2020, Licence: CC BY-NC.

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/austromelanelixia-glabratuloides/>