

Degelia periptera

SYNONYMS

Pannaria periptera Knight.

FAMILY

Pannariaceae

AUTHORITY

Degelia periptera (C.Knight) P.M.Jørg. & P.James

FLORA CATEGORY

Lichen – Native

ENDEMIC TAXON

No

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Lichens - Foliose

CURRENT CONSERVATION STATUS

2018 | At Risk – Naturally Uncommon | Qualifiers: SO

BRIEF DESCRIPTION

Characterised by the narrow, stellate–radiating or fan-shaped lobes; crowded central apothecia with a pale proper margin bounded by a thick, crenulate–striate thalline margin.

DISTRIBUTION

Kermadec Islands: (Raoul Island). **North Island:** Northland (Three Kings Islands, Radar Bush, Rakitu Island), Auckland (Rangitoto Island), South Auckland (Great Mercury Island, Red Mercury Island, Hunua Ranges). Also known from a single collection in New South Wales.

HABITAT

Mainly coastal on trees and shrubs. Often on bark of *Metrosideros excelsa* and commonly associating with the lichens *Coccocarpia erythroxyli*, *Leioderma pycnophorum*, *Pannaria elixii*, *Crocodia aurata* and *Usnea rubicunda*.

DETAILED DESCRIPTION

Thallus foliose lobate, ± rosette-forming, closely attached, to 23 cm diam., corticolous. **Lobes** narrow, contiguous at margins, imbricate, coalescing centrally, ± stellate–radiating or fan-shaped. **Upper surface** dull plumbeous-grey, smooth to uneven, faintly maculate (×10 lens), often with granular lobules. **Apothecia** sessile, rounded, 0.2–1 mm diam., disc red-brown, waxy or matt, flat, with a pale proper margin, bounded by a thick, crenulate–striate thalline margin. **Ascospores** ellipsoid, 11–13 × 5–8 µm.

Chemistry: TLC–, all reactions negative.

SUBSTRATE

Corticolous

ATTRIBUTION

Fact sheet prepared by Marley Ford (8 Septemebr 2021). Brief description, Distribution, Habitat, and Features sections copied from Galloway (1985) & Galloway (2007).



Corticolous lichen on pohutukawa, Rangitoto Auckland. Photographer: Marley Ford, Date taken: 26/02/2022, Licence: CC BY-NC.



Corticolous lichen on pohutukawa, Rangitoto Auckland. Photographer: Marley Ford, Date taken: 26/02/2022, 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/degelia-periptera/>