

Diploicia canescens subsp. australasica

SYNONYMS

Diplotomma canescens

FAMILY

Caliciaceae

AUTHORITY

Diploicia canescens subsp. *australasica* Elix & Lumbsch

FLORA CATEGORY

Lichen – Native

ENDEMIC TAXON

No

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Lichens - Squamulose

CURRENT CONSERVATION STATUS

2018 | Data Deficient | Qualifiers: SO

BRIEF DESCRIPTION

Characterised by the saxicolous habit; the squamulose, subcrustose, placodioid, white or grey-white thallus with distinctively plicate, thickened margins; convex lobes that are distinctly pruinose and sorediate; soredia in laminal soralia, white, coarsely granular to farinose.

DISTRIBUTION

Three King Islands: Raoul Island. **North Island:** Northland (Tokerau Beach Karikari Peninsula, Puheke, Poor Knights Island, Lady Alice Island, Little Barrier Island), South Auckland (Onemana Beach). **South Island:** Marlborough (Chetwode Islands, Goose Bay), Otago (Black Head). On coastal rocks. **Chatham Islands:** On loose bryozoan limestone outcrops near quarry "Big Bush" 40 m a.s.l. Known also from Great Britain, Europe, North and South America and Australia.

DETAILED DESCRIPTION

Thallus squamulose-subcrustose, rosette-forming to spreading 1-3(-5) cm diam., margins distinctly radiate-plicate, entire, ± thickened, convex, grey-white or white, darker centrally. **Lobes** convex 1-4 mm wide, wider at margins, distinctly pruinose and sorediate. Soralia in scattered, erose patches, mainly laminal, soredia white, coarsely granular to farinose. **Apothecia** not seen in New Zealand material.

Chemistry: Cortex K⁺ yellow. Diploicin (major), dechlorodiploicidin, 3-dechlorodiploicin, atranorin and chloratranorin, secalonic acid A, B, C.

SUBSTRATE

Saxicolous

ETYMOLOGY

canescens: Grey hair, greyish

australasica: Of or from Australasia



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Chatham Islands. Photographer: Marley Ford, Licence: CC BY-NC.

ATTRIBUTION

Fact sheet prepared by Marley Ford (6 September 2021). 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/diploicia-canescens-subsp-australasica/>