

Ramalina erumpens

SYNONYMS

Ramalina erumpens var. *norstictica* D.Blanchon

FAMILY

Ramalinaceae

AUTHORITY

Ramalina erumpens Blanchon, J.Braggins & A.Stewart

FLORA CATEGORY

Lichen – Native

ENDEMIC TAXON

No

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Lichens - Fruticose

CURRENT CONSERVATION STATUS

2018 | At Risk – Naturally Uncommon | Qualifiers: Sp

BRIEF DESCRIPTION

Characterised by the corticolous habit; thalli to 4.5 cm tall; dichotomous branching; round or ellipsoid soralia with fibrils on margins.

DISTRIBUTION

South Island: Canterbury, Otago (Otago Peninsula to Akatore), Southland (Invercargill, Clifden). **Stewart Island:** (Bird Island). **Chatham Islands.**

Antipodes Islands.

Also known from Macquarie Island.

HABITAT

On bark of *Dacrycarpus dacrydioides*, *Dacrydium cupressinum*, *Fuchsia excorticata*, *Kunzea robusta*, *Melicytus*, *Fuscospora* shrubs, and on rock.

DETAILED DESCRIPTION

Thallus erect to subpendulous, 1–4.5 cm long, attached by a delimited holdfast, dicotomously branched, corticolous. **Lobes** 0.5–2.0 mm wide, flat, broad at base and narrowing towards apices, apices furcate. **Upper surface** matt, yellow-green, breaking open at apices. **Pseudocyphellae** rare or absent. **Soralia** marginal and laminal, round to ellipsoidal, rimmed, producing fibrils. **Apothecia** not seen.

Chemistry: Three chemodemes present: (1) usnic and protocetraric acids; (2) usnic, norstictic, salazinic ± protocetraric acids; (3) usnic acid.

SIMILAR TAXA

The recently described species *Ramalina coreana* Kashiw. & K.H. is similar to *R. erumpens*, but has a chemistry of divaricatic acid and differs in the nature of the holdfast and the dimensions of the ascospores.

SUBSTRATE

Corticolous

ETYMOLOGY

ramalina: Meaning small branches, twiggy.



Corticolous on forest margin, Dunsdale Southland. Photographer: Marley Ford, Date taken: 26/05/2022, Licence: CC BY.



Corticolous on forest margin, Dunsdale Southland. Photographer: Marley Ford, Date taken: 26/05/2022, Licence: CC BY.

ATTRIBUTION

Fact sheet prepared by Marley Ford (4 August 2022). Brief description, Distribution, Habitat, Features, Similar Taxa and Extra information sections copied from Galloway (2007).

REFERENCES AND FURTHER READING

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/ramalina-erumpens/>