

Cladonia weymouthii

FAMILY

Cladoniaceae

AUTHORITY

Cladonia weymouthii A.W.Archer

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: SO

DISTRIBUTION

North Island: Wellington (Hihitahi State Forest, Waiopehu Tararua Range).

South Island: Nelson (Mt Owen). Canterbury (Mt Cassidy, Arthur's Pass), Otago (North branch Routeburn), Southland (Seaward Bush). **Chatham Island.**

Known also from Australia, Papua New Guinea, the Solomon Islands, South America and the subantarctic islands, including the Falkland Islands and Antarctica.

HABITAT

On dead wood or soil containing fragments of dead wood.

DETAILED DESCRIPTION

Basal squamules persistent, inconspicuous, 1–2 mm long, 0.5–1 mm diam., incised, margins crenate. **Podetia** arising from basal squamules, (15–)20–40(–55) mm tall, 1–2.5(–4) mm diam., subcylindrical or tapering to apices, simple or branching somewhat near apices, branching forming deformed scyphi, axils closed; surface corticate at base and below apothecia, remainder of podetia ecorticate and densely farinose-sorediate; without squamules or with squamules on lower parts of podetia. **Apothecia** rare, red, terminal.

Chemistry: Cortex K+ yellow, KC–, Pd+ yellow; containing thamnolic, barbatic and didymic acids.

SIMILAR TAXA

Morphologically similar to *Cladonia macilenta* but is distinguished by the occasional deformed scyphi and the tall, branched, partly corticate podetia. It is separated from *C. corniculata* by the absence of fumarprotocetraric acid.

SUBSTRATE

Terricolous

ATTRIBUTION

Fact sheet prepared by Marley Ford (15 December 2021). Brief description, Distribution, Habitat, Features, and Similar taxa sections copied from Galloway (1985) & Galloway (2007).



Terricolous at tree base with Dicranoloma, Arthur's Pass Canterbury. Photographer: Marley Ford, Date taken: 25/11/2023, Licence: CC BY.



Terricolous at tree base with Dicranoloma, Arthur's Pass Canterbury. Photographer: Marley Ford, Date taken: 25/11/2023, Licence: CC BY.

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/cladonia-weymouthii/>