

# Cladonia humilis var. humilis

## FAMILY

Cladoniaceae

## AUTHORITY

Cladonia humilis var. humilis (With.) J.R.Laundon

## FLORA CATEGORY

Lichen – Native

## ENDEMIC TAXON

No

## ENDEMIC GENUS

No

## ENDEMIC FAMILY

No

## STRUCTURAL CLASS

Lichens - Fruticose

## CURRENT CONSERVATION STATUS

2018 | Not Threatened | Qualifiers: SO

## BRIEF DESCRIPTION

Characterised by the short, simple, broad, partly corticate, floury-sorediate cups; and the presence of atranorin.

## DISTRIBUTION

**North Island:** Northland (Three Kings Islands), Wellington (Palmerston North, Ruapehu). **South Island:** Canterbury (Arthur's Pass), Otago (Waikerikeri Valley Clyde, Conroy's Dam, Abbott's Hill, Taieri Mouth).

Known also from Great Britain, Europe, Scandinavia, North America, Asia, Africa and Australia.

## HABITAT

On soil in alpine scrub, clay banks.

## DETAILED DESCRIPTION

**Basal squamules** persistent, conspicuous, 1–2 × 1–5 mm, rounded, lobed, margins slightly crenate, green above, white below, without soredia. **Podetia** growing from the **upper surface** of basal squamules, simple, scyphose, lacking marginal or central proliferations, 5–20 mm tall, scyphi 3–6 mm diam., the podetial stalk corticate, the cortex areolate at base becoming subverrucose, rarely minutely squamulose at base; scyphi ecorticate, farinose-sorediate, the interior of the cup closed and farinose-sorediate, margins entire or minutely denticulate. **Apothecia** and **pycnidia** not seen.

**Chemistry:** K– or K+ weak yellow, C–. KC–, Pd+ red; containing fumarprotocetraric acid (major) and atranorin.

## SUBSTRATE

Terricolous

## ETYMOLOGY

**humilis:** Lowest, dwarf, small, slight

## ATTRIBUTION

Fact sheet prepared by Marley Ford (10 September 2021). Brief description, Distribution, Habitat, and Features 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/cladonia-humilis-var-humilis/>