

# Pseudocyphellaria rufovirescens

## BIOSTATUS

Native – Endemic taxon

## CURRENT CONSERVATION STATUS

2018 | Not Threatened

## CATEGORY

Lichen

## STRUCTURAL CLASS

Lichens - Foliose

## LICHEN SUBSTRATE

Corticolous (bark, wood)

## DETAILED DESCRIPTION

**Thallus** spreading, often entangled, in very large clones, loosely attached, 7-10(-30) cm diam. **Lobes** linear-elongate, 5-8(-15) mm wide, 5-10(-15) cm long, ± dichotomously branching, contiguous or discrete, rarely imbricate, margins entire, smoothly rounded, without pseudocyphellae, slightly thickened below, apices rounded to truncate or shallowly furcate, rather variable, thinner and elongate to wider and ± imbricate. **Upper surface** bright lettuce-green when wet, pale greyish-green when dry, smooth, matt, shallowly faveolate, dividing ridges smoothly rounded, undulate, without isidia, phyllidia, soredia or pseudocyphellae. **Medulla** white. **Photobiont** green. **Lower surface** white to pale pinkish-white at margins, darker centrally, wrinkled-bullate especially at margins, glabrous at and towards apices, short, white, delicate, silky-tomentose in older parts, tomentum often sparse or absent. **Pseudocyphellae** white, punctiform, immarginate, fleck-like at margins, to 0.5 mm diam., centrally, and there with a fine margin, scattered, ± flat or only very slightly verruciform, often clustered. **Apothecia** marginal, 1-5 mm diam., sessile or subpedicellate, disc pale brownish-pink to red-brown, concave at first, becoming ± plane or undulate, glossy, epruinose, smooth, margins pale buff or pinkish, thin, crenulate, thalline exciple pinkish, corrugate-scabrid. **Ascospores** mainly 1-, rarely to 3-septate, colourless, fusiform-ellipsoid, (20-)24-27(-32) × (7-)8-9(-11) μm. **Chemistry**: 7β-acetoxypopane-22-ol, hopane-15α,22-diol, hopane-7β,22-diol (±).

Can form photosymbiodemes, and was previously thought to be a separate species called *P. murrayi*.

## SUBSTRATE DETAILS

Corticolous

## GENUS

Pseudocyphellaria

## FAMILY

Peltigeraceae

## AUTHORITY

Pseudocyphellaria rufovirescens (C.Bab.) D.J.Galloway

## SYNONYMS

Sticta richardii var. rufovirescens



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**ENDEMIC TAXON**

Yes

**ENDEMIC GENUS**

No

**ENDEMIC FAMILY**

No

**NVS CODE**

PSERUF

**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.

**ATTRIBUTION**

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**MORE INFORMATION**

<https://www.nzpcn.org.nz/flora/species/pseudocyphellaria-rufovirescens/>

**PDF DATE**

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