

# Pseudocyphellaria fimbriata

## BIOSTATUS

Native – Endemic taxon

## CURRENT CONSERVATION STATUS

2018 | Not Threatened

## CATEGORY

Lichen

## STRUCTURAL CLASS

Lichens - Foliose

## LICHEN SUBSTRATE

Corticolous (bark, wood)

## DETAILED DESCRIPTION

**Thallus** rather loosely attached, orbicular to spreading, to 25 cm diam.

**Lobes** dissected, irregularly elongate-laciniate, branching subdichotomous to irregular or subimbricate, margins irregular, lacerate-denticulate, white-pubescent, subascendent, ± copiously phyllidiate.

**Upper surface** bright lettuce-green when wet, yellowish-grey or olivaceous or brownish or reddish when dry, smooth, coriaceous to somewhat scabrid-areolate, even or weakly undulate, without soredia, maculae or pseudocyphellae. **Phyllidia** mainly marginal occasionally laminal, ± palmately divided, flattened, dorsiventral, upper surface as in main lobes, ± finely white-pubescent, especially at apices. **Medulla** white, 350 µm thick, rather loose. **Photobiont** green, 10-13.5 µm diam., in a rather irregular layer, 100-150 µm thick. **Apothecia** rather sparse, sessile, marginal or submarginal, often associated with phyllidia, to 6 mm diam., disc red-brown to dark brown, smooth, matt, epruinose, with a thick, persistent, raised, crenulate-scabrid margin, thalline exciple massive, verucose-areolate, red-brown. **Ascospores** 1-septate, brown, fusiform-ellipsoid, 20-25 × 8-11 µm.

**Chemistry:** 7β-acetoxyhopane-22-ol, hopane-7β, 22-diol (tr.), hopane-15α,22-diol.

## SUBSTRATE DETAILS

Corticolous

## GENUS

Pseudocyphellaria

## FAMILY

Peltigeraceae

## AUTHORITY

Pseudocyphellaria fimbriata D.J.Galloway & P.James

## ENDEMIC TAXON

Yes

## ENDEMIC GENUS

No

## ENDEMIC FAMILY

No

## NVS CODE

PSEFMB



Corticolous in silver beech cloud forest, Waikaremoana Hawke's Bay. Photographer: Marley Ford, Date taken: 29/04/2022, Licence: CC BY.



Corticolous in silver beech cloud forest, Waikaremoana Hawke's Bay. Photographer: Marley Ford, Date taken: 29/04/2022, 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.

## ATTRIBUTION

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## MORE INFORMATION

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

## PDF DATE

27 May 2026