

Pseudocyphellaria montagnei

BIOSTATUS

Native – Endemic taxon

CURRENT CONSERVATION STATUS

2018 | Not Threatened

CATEGORY

Lichen

STRUCTURAL CLASS

Lichens - Foliose

LICHEN SUBSTRATES

Corticolous (bark, wood), Saxicolous (rock)

DETAILED DESCRIPTION

Thallus ± orbicular, closely attached in rosettes or spreading, to 12 cm diam. Lobes rounded, ± radiating, imbricate, margins entire or delicately notched or incised, sinuous or ragged-phyllidiate. **Upper surface** glaucous-green to olivaceous when wet, pale greyish-green when dry, undulate or shallowly faveolate, lacunose, ridges smooth, matt or shining, without soredia, maculae or pseudocyphellae, often phyllidiate. **Phyllidia** dentate-subcoralloid, flattened, undulate, squamiform, marginal and laminal. **Photobiont** green. **Medulla** white. Lower surface pale yellowish-buff to whitish, slightly darker centrally, ± glabrous or with a sparse, thin, pale tomentum, wrinkled-bullate in parts, or ± papillate. **Pseudocyphellae** inconspicuous, very sparse, scattered, minute, erupting on ridges and papillae, decorticate area yellowish, or white. **Apothecia** laminal or marginal, sparse to moderately frequent, sessile to subpedicellate, 2-5 mm diam., disc matt, smooth, black, epruinose, margins thin, entire to crenate-striate to phyllidiate, pale. **Pycnidia** frequent, scattered, black, punctiform, minute. **Ascospores** brown, polaribilocular, fusiform-ellipsoid, $24-31 \times (5-7)-10 \mu\text{m}$.

Chemistry: Methyl evernate, tenuiorin, methyl gyrophorate, evernic, hopane-6 α ,7 β ,22-triol, norstictic (tr.), stictic, cryptostictic (tr.), constictic, hypostictic (tr.) and hyposalazinic (tr.) acids.

SUBSTRATE DETAILS

Corticolous, saxicolous

GENUS

Pseudocyphellaria

FAMILY

Peltigeraceae

AUTHORITY

Pseudocyphellaria montagnei (C.Bab.) D.J.Galloway & P.James

SYNONYMS

Sticta montagnei C.Bab. Ricasolia montagnei (C.Bab.) Nyl. Stictina montagneana (C.Bab.) Shirley, Lobaria montagnei (C.Bab.) Hellb., Stictina astictina Nyl., Sticta astictina (Nyl.) Hellb., Pseudocyphellaria astictina (Nyl.) H.Magn., Ricasolia luridescens Stirt., Lobaria luridescens (Stirt.) Zahlbr.

ENDEMIC TAXON

Yes



Corticolous, Mahia Hawke's Bay. Photographer: Peter J de Lange, Date taken: 19/02/2015, Licence: CC BY-NC.



Corticolous, Waima Far North. Photographer: Marley Ford, Date taken: 16/02/2020, Licence: CC BY.

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

NVS CODE

PSEMON

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-montagnei/>

PDF DATE

27 May 2026