

Pannaria durietzii

BIOSTATUS

Native

CURRENT CONSERVATION STATUS

2018 | Not Threatened | Qualifiers: SO

CATEGORY

Lichen

STRUCTURAL CLASS

Lichens - Foliose

LICHEN SUBSTRATE

Corticolous (bark, wood)

DETAILED DESCRIPTION

Thallus foliose-lobate, rosette-forming to irregularly spreading, 2-3(-5) cm diam., closely attached, with a blue-black, byssoid prothallus extending beyond lobe margins. **Lobes** irregularly divided, larger and radiating at margins, 2.0-3.5 mm wide, smaller and \pm imbricate centrally, usually contiguous for most of their length but sometimes remaining discrete and widely separated on prothallus. **Upper surface** plane or concave, shining, smooth or rarely slightly roughened, bright lettuce-green when wet, yellowish or golden-brown when dry. **Cephalodia** frequent, laminal, originating at margins, to 1 mm diam., at first \pm suborbicular, flattened, often becoming unequally lobed with indented margins, pale brown, yellowish-flesh-coloured or concolorous with thallus, at first with numerous blue-grey, granular soredia on underside and at margins, finally spreading to upper surface, conspicuously dark grey-blue when wet. **Lower surface** pale ochraceous, \pm densely rhizinate. **Rhizines** blue-black to black, simple, in a \pm uniform felt to the margins. **Apothecia** rare, when present abundant, crowded, \pm central, variously contorted-angular through mutual pressure, 0.5-1.5 mm diam., globose, sessile, \pm cupuliform, constricted at base, disc pale pink to red-brown, \pm white-pruinose, often with faint, pale concentric lines, often fissured, thalline margin well-developed, involute or radially crenate, often \pm fissured. **Ascospores** oval or rounded 12-15 \times 10-13 μ m, epispore roughened or irregularly ridged 2.0-2.5 μ m thick. **Chemistry**: Medulla K+ yellow, C-, KC+ yellow, Pd+ red. Pannarin, zeorin and two unidentified pigments.

SUBSTRATE DETAILS

Corticolous

GENUS

Pannaria

FAMILY

Pannariaceae

AUTHORITY

Pannaria durietzii (P.James & Henssen) Elvebakk & D.J.Galloway

SYNONYMS

Psoroma durietzii

ENDEMIC TAXON

No



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ENDEMIC GENUS

No

ENDEMIC FAMILY

No

NVS CODE

PANDUR

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

Some of this factsheet information is derived from Biota of New Zealand and is used under a Creative Commons Attribution 4.0 International licence.

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/pannaria-durietzii/>

PDF DATE

27 May 2026