

Leioderma duplicatum

BIOSTATUS

Native

CURRENT CONSERVATION STATUS

2018 | Not Threatened | Qualifiers: SO

CATEGORY

Lichen

STRUCTURAL CLASS

Lichens - Foliose

LICHEN SUBSTRATES

Corticolous (bark, wood), Saxicolous (rock)

DETAILED DESCRIPTION

Thallus forming rosettes to 5 cm wide. Lobes ±concave, subcanaliculate towards margins, 1–3(–5) mm wide, linear–lacinate. **Margins** raised, slightly thickened, sinuous, sometimes frosted–pruinose, phyllidiate.

Phyllidia peltate–squamulose, rarely digitate, sometimes spreading onto upper surface and occasionally forming a thick, diffract, marginal crust.

Upper surface markedly uneven but often glossy, and with conspicuous pale-brown apothecial initials, glaucous–olivaceous when wet, suffused red-brown at margins. **Lower surface** white at margins, brownish centrally, with densely clustered fascicles of silky, white to blue-black rhizohyphae, normally projecting beyond lobe margins. **Apothecia** rare, 0.1–1.5 mm diam., disc concave becoming plane, matt, epruinose, pale to dark red-brown with persistent paler, entire to shallowly sinuous proper exciple, slightly raised above disc. **Hymenium** I+ persistent blue.

Ascospores 12–20 × 6–10 µm.

Chemistry: TLC–, all reactions negative.

SUBSTRATE DETAILS

Corticolous, occasionally saxicolous

GENUS

Leioderma

FAMILY

Pannariaceae

AUTHORITY

Leioderma duplicatum (Müll.Arg.) D.J.Galloway & P.M.Jørg.

SYNONYMS

Parmeliella duplicata, *Pannaria rubiginosa* ssp. *prolifera*, *Pannaria rubiginosa* var. *prolifera*

ENDEMIC TAXON

No

ENDEMIC GENUS

No

ENDEMIC FAMILY

No



Corticolous, Hunua. Photographer: Marley Ford, Date taken: 31/07/2021, Licence: CC BY-NC.



Corticolous, Ness Valley. Photographer: Marley Ford, Date taken: 19/11/2020, Licence: CC BY-NC.

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/leioderma-duplicatum/>

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