

Bacidia laurocerasi

SYNONYMS

Patellaria laurocerasi Delise ex Duby, *Lecidea ceratina* Stirt., *Patellaria ceratina* (Stirt.) Müll.Arg., *Bacidia ceratina* (Stirt.) Hellb., *Lecidea concinnior* Stirt., *Patellaria concinnior* (Stirt.) Müll.Arg., *Bacidia concinnior* (Stirt.) Hellb., *Lecidea praelucida* Kremp., *Patellaria praelucida* (Kremp.) Müll.Arg., *Bacidia praelucida* (Kremp.) Hellb., *Bacidia eucoccodes* C.Knight, *Patellaria eucoccodes* (C.Knight) Müll.Arg., *Bacidia endococcodes* [sic] (C.Knight) Hellb., *Bacidia anceps* C.Knight, *Lecidea anceps* (C.Knight) Nyl., *Patellaria anceps* (C.Knight) Müll.Arg., *Bacidia stenospora* C.Knight, *Patellaria stenospolina* [sic] (C.Knight) Müll.Arg., *Bacidia stenospolina* (C.Knight) Hellb., *Bacidia rimosa* C.Knight, *Patellaria rimosa* (C.Knight) Müll.Arg., *Bacidia carneorufa* C.Knight, *Patellaria carneorufa* (C.Knight) Müll.Arg., *Bacidia rosellocarnea* C.Knight, *Lecidea rosellocarnea* (C.Knight) Nyl., *Patellaria rosellocarnea* (C.Knight) Müll.Arg., *Bacidia nanospora* C.Knight, *Patellaria brachyspora* Müll.Arg., *Bacidia brachyspora* (Müll.Arg.) Hellb., *Bacidia rhodocarpa* C.Knight, *Lecidea subrosella* Nyl., *Patellaria subrosella* (Nyl.) Müll.Arg., *Bacidia subrosella* (Nyl.) Hellb., *Lecidea subrubella* Nyl., *Patellaria subrubella* (Nyl.) Müll.Arg., *Bacidia subrubella* (Nyl.) Hellb., *Lecidea arceutinoides* Nyl., *Patellaria arceutinoides* (Nyl.) Müll.Arg., *Bacidia arceutinoides* (Nyl.) Hellb., *Lecidea subsimilans* Nyl., *Patellaria subsimilis* [sic] (Nyl.) Müll.Arg., *Bacidia subsimilans* (Nyl.) Hellb., *Bacidia viridis* Zahlbr.

FAMILY

Ramalinaceae

AUTHORITY

Bacidia laurocerasi (Delise ex Duby) Vain.

FLORA CATEGORY

Lichen – Native

ENDEMIC TAXON

No

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Lichens - Crustose

CURRENT CONSERVATION STATUS

2018 | Not Threatened | Qualifiers: SO

BRIEF DESCRIPTION

Characterised by the corticolous habit; the pale greenish white or olivaceous, wrinkled-tuberculate, granular-verrucose or glebose thallus; sessile to subpedicellate, brown-black to red-brown apothecia; a massive yellow-brown hypothecium (200–350 µm thick); and filiform, acicular, 8–16-septate ascospores, 45–70(–90) × 1.5–3.5(–4) µm.

DISTRIBUTION

North Island. South Island: Throughout.

Known also from Great Britain, Europe, Scandinavia.



Locally common tiny lichen on mahoe, Arch Hill Auckland. Photographer: Marley Ford, Date taken: 22/03/2021, Licence: CC BY.



Locally common tiny lichen on mahoe, Arch Hill Auckland. Photographer: Marley Ford, Date taken: 22/03/2021, Licence: CC BY.

HABITAT

On *Cordyline*, *Griselinia*, *Hoheria* and other trees, forming mosaics on smooth bark, delimited by a narrow, irregular prothallus. Often among epiphytic mosses and ferns and often overgrowing these, lowland and coastal.

DETAILED DESCRIPTION

Thallus pale greenish-white or olivaceous, shining in parts, becoming wrinkled-tuberculate, granular-verrucose or glebose, continuous, or in scattered colonies or \pm squamulose, in patches 2-5(-10) cm diam. **Apothecia** prominent, solitary, 0.1-2.5 mm diam., round to irregular, brown-black or brownish-red, sessile to subpedicellate, plane or concave at first, margins entire, \pm flexuose, disappearing with age, disc convex at maturity, matt, epruinose.

Epithecium granular, red-brown to black, 5-13 μm thick. **Hymenium** colourless or pale brownish 65-90(-100) μm tall. **Paraphyses** dense, thin, apices clavate, red-brown to black. **Hypothecium** massive, yellow-brown, 200-350 μm thick. **Ascospores** filiform, acicular, 8-16-septate, 46-68(-90) \times 1.7-3.4(-4) μm .

SIMILAR TAXA

Similar to other small crustose lichens but separated by spores, thallus and apothecia colour.

SUBSTRATE

Corticolous

ATTRIBUTION

Fact sheet prepared by Marley Ford (3 August 2022). Brief description, Distribution, Habitat, and Features sections copied from Galloway (1985) & Galloway (2007).

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.

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/bacidia-laurocerasi/>