

Coenogonium zonatum

SYNONYMS

Biatorinopsis zonata Müll.Arg., Dimerella zonata (Müll.Arg.) R.Sant.

FAMILY

Coenogoniaceae

AUTHORITY

Coenogonium zonatum (Müll.Arg.) Kalb & Lücking

FLORA CATEGORY

Lichen – Native

ENDEMIC TAXON

No

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Lichens - Crustose

CURRENT CONSERVATION STATUS

2018 | Data Deficient | Qualifiers: SO

BRIEF DESCRIPTION

Characterised by the foliicolous habit; its relatively large apothecia (0.25–0.5 mm diam.); and the well-developed white prothallus.

DISTRIBUTION

North Island: Northland (Hen Island). Wellington (Horokiwi Reserve).
Known also from Africa, Mexico, South America and Australia.

HABITAT

On *Nestegis apetala* leaves in mixed forest on Hen Island, in Wellington on leaves of forest trees.

DETAILED DESCRIPTION

Thallus usually 10–20(–30) mm diam. rarely to 60 mm, smooth, greyish green, usually but shining at margins, 20–25 µm thick. **Prothallus** thin, well developed, white, 0.1–0.3(–0.5) mm wide. **Apothecia** strongly constricted at base, 0.25–0.5 mm diam., disc plane, pale reddish yellow, epruinose, margin not prominent, distinct, to 0.05 mm thick, pale-yellow to pale yellow-red, smooth or slightly uneven. **Exciple** paraplectenchymatous, colourless, 30–70 µm thick in lateral parts, to 70 µm thick basally. **Hymenium** hyaline, 45–65 µm tall. **Paraphyses** c. 1 µm diam., apices swollen to 2–4 µm diam. **Asci** cylindrical, 40–70 × 4–6 µm, 8-spored. **Ascospores** uniseriate, fusiform, 6–12 × 2.5–4(–4.5) µm. **Pycnidia** in pale warts, 0.05 mm diam., rare. **Conidia** 1-septate, bacillar, 12–16 × 2–3 µm.

SUBSTRATE

Foliicolous

ATTRIBUTION

Fact sheet prepared by Marley Ford (23 January 2024). Brief description, Distribution, Habitat, and Features sections copied from Galloway (2007).

REFERENCES AND FURTHER READING

Galloway D.J. 2007: *Flora of New Zealand: Lichens, including lichen-forming and lichenicolous fungi*. 2nd edition. Lincoln, Manaaki Whenua Press. 2261 pp.



Corticolous on nīkau and kohekohe leaves, Levin Horowhenua. Photographer: Marley Ford, Date taken: 29/12/2022, Licence: CC BY.



Corticolous on nīkau and kohekohe leaves, Levin Horowhenua. Photographer: Marley Ford, Date taken: 29/12/2022, Licence: CC BY.

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/coenogonium-zonatum/>