

Haematomma hilare

FAMILY

Haematommataceae

AUTHORITY

Haematomma hilare Zahlbr.

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 thin, greenish white thallus; bright-orange to bright-vermilion, epruinose apothecial discs with persistent thalline margins concolorous with thallus; sinuous, 8–12-septate ascospores, (45–)50–60(–65) × 4–5 µm, with pointed apices. Characteristically developed on smooth, beech twigs and bark, often associating with *Buellia* cf. *disciformis*, *Fuscidea* sp., *Haematomma nothofagi*, *Miltidea ceroplasta*, *Ochrolechia pallescens*, *Tephromela atra*.

DISTRIBUTION

South Island: Nelson (St Arnaud Range), Westland (Barrack Creek Flat), Canterbury (Arthur's Pass, Glynn Wye, Cass, Craigieburn Range), to Southland (South Mavora Lake, Borland Lodge).

Known also from Parque Nacional Nahuel Huapí in southern Argentina.

HABITAT

Mainly East of the Main Divide on smooth bark and twigs of native Nothofagaceae, especially *Lophozonia menziesii* and *Fuscospora cliffortioides*. Also on *Lophomyrtus bullata* and *Pterophylla racemosa*.

DETAILED DESCRIPTION

Thallus crustose, very thin, varnish-like, greyish-white to greenish, shining, margins delineated by a fine brownish-black line, to 2 cm diam., corticolous. **Apothecia** lecanorine, scattered, sessile or constricted at base, round, to 2 mm diam., disc orange-brownish and white-pruinose when young, plane or convex and matt, without pruina at maturity, margin concolorous with thallus, thin, entire or crenulate, occluded with age.

Ascospores 11–13 septate, 60–64 × 3–4 µm.

Chemistry: Atranorin, usnic acid, methylplacodiolic acid and russulone.

Parasitised by the lichenicolous fungi **Cornutispora ciliata*, **Leptorhaphis haematommatum*, and **Opegrapha brevissima*.

SUBSTRATE

Corticolous



Corticolous on *Dracophyllum oliverii* in peatbog, Dean Southland. Photographer: Marley Ford, Date taken: 26/06/2022, Licence: CC BY.



Corticolous on *Dracophyllum oliverii* in peatbog, Dean Southland. Photographer: Marley Ford, Date taken: 26/06/2022, Licence: CC BY.

ATTRIBUTION

Fact sheet prepared by Marley Ford (14 January 2024). 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/haematomma-hilare/>