

Haematomma alpinum

FAMILY

Haematommataceae

AUTHORITY

Haematomma alpinum R.W.Rogers

FLORA CATEGORY

Lichen – Native

ENDEMIC TAXON

Yes

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Lichens - Crustose

CURRENT CONSERVATION STATUS

2018 | Not Threatened

BRIEF DESCRIPTION

Recognised by the thick, white or greyish thallus, and the scarlet red apothecia.

DISTRIBUTION

South Island: Nelson (Molesworth), Canterbury (Castle Hill, Mt Peel), Otago (Little Valley, Old Man Range, Dunstan Range, Remarkables, Poolburn Reservoir, Manorburn Dam, Hawkdun Range, Blue Mts).

HABITAT

On subalpine vegetation, especially *Melicytus alpinus*. Rarely on rocks in streams in subalpine habitats. Rarely on rocks in streams in subalpine habitats. Parasitised by the lichenicolous fungus *Arthonia haematommatum* (Kalb *et al.* 1995: 201–202).

DETAILED DESCRIPTION

Thallus crustose, white to yellow-grey, indeterminate, areolate to granular, corticate, esorediate. **Apothecia** sessile, constricted at base to 2.5 mm diam., thalline exciple well-developed, entire or somewhat distorted; disc bright scarlet to red-brown, epruinose. Ascospores helically arranged in ascus, asymmetric, 3–4-septate, 30–40 × 2.5–4 µm.

Chemistry: Atranorin, placodiolic acid, haematommone.

SIMILAR TAXA

Haematomma alpinum is distinguished from *H. babingtonii* by the epruinose discs and the presence of placidiolic acid.

SUBSTRATE

Corticolous (bark), saxicolous (rarely on rocks in streams in subalpine habitats)

ATTRIBUTION

Fact sheet prepared by Melissa Hutchison (2 February 2022). Brief description, Distribution, Habitat, Features and Similar taxa sections copied from Galloway (1985, 2007).



On *Melicytus alpinus*, Spider Lakes, Hakatere. Photographer: Melissa Hutchison, Date taken: 18/11/2012, Licence: CC BY-NC.



Enys Reserve, Castle Hill. Photographer: Melissa Hutchison, Date taken: 10/11/2016, 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.
- Kalb K., Hafellner J. and Staiger B. 1995: *Haematomma*-Studien II. Lichenicole Pilze auf Arten der Flechtengattung *Haematomma*. *Bibliotheca Lichenologica* 59: 199–223.

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/haematomma-alpinum/>