

Hypotrachyna spumosa

COMMON NAME

Frothy loop

SYNONYMS

Parmelia spumosa, *Parmelina spumosa*, *Parmelinopsis spumosa*

FAMILY

Parmeliaceae

AUTHORITY

Hypotrachyna spumosa (Asahina) Krog & Swinscow

FLORA CATEGORY

Lichen – Native

ENDEMIC TAXON

No

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Lichens - Foliose

CURRENT CONSERVATION STATUS

2018 | Not Threatened | Qualifiers: SO

BRIEF DESCRIPTION

Characterised by the corticolous (occasionally saxicolous) habit; the pale-yellow (in part) medulla; pustulate isidia which do not (or only sparingly) become sorediate; and gyrophoric acid in the medulla.

DISTRIBUTION

North Island: Northland to Taranaki. **South Island:** Canterbury (Hanmer) to Otago (Dunedin). **Auckland Islands.**

Cosmopolitan. Common in the pantropics being known from East Africa, Zimbabwe, South Africa, Japan, Papua New Guinea, Australia and New Caledonia.

HABITAT

On both native and introduced trees and shrubs (especially on **Acacia*), and occasionally on rocks in grassland.

DETAILED DESCRIPTION

Chemistry: Cortex K+ yellow; medulla K–, C+ rose, KC+ rose, Pd–; containing atranorin, chloroatranorin, gyrophoric acid (major), 5-O-methylhiascic acid (minor) and umbilicic acid (minor) (Elix & Wardlaw 2000).

SUBSTRATE

Corticolous

ATTRIBUTION

Fact sheet prepared by Melissa Hutchison (15 June 2023). 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.



On *Podocarpus totara* in the Waikato.
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MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/hypotrachyna-spumosa/>