

Trapeliopsis congregans

SYNONYMS

Lecidea congregans, Phyllopsora congregans

FAMILY

Trapeliaceae

AUTHORITY

Trapeliopsis congregans (Zahlbr.) Brako

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 greenish, squamulose, microphylline thallus and the prominent, often confluent, rust-red or red-brown, conglomerate apothecia, which make a vivid contrast to the greenish thallus.

DISTRIBUTION

North Island: South Auckland (Hunua Ranges, Mamaku), Gisborne, (Lake Waikaremoana), Taranaki (N Egmont) to Wellington. **South Island:** Nelson (Mt Aorere, St Arnaud Ranges, Mt Zetland, Flora Saddle, Maruia Springs), Marlborough (Mt Stokes, Mt Furneaux), Canterbury (Arthur's Pass, Boyle River), Otago (Dart Valley, Rees Valley, Mt Cargill, Catlins), Southland (Grebe Valley). **Stewart Island.**

Known also from New South Wales, Tasmania, Chile, and Argentina.

HABITAT

On rotting logs and decaying stumps in humid, low-light habitats; often found on decaying stumps in *Nothofagus* [*Fuscospora* and *Lophozonia*] forests.

DETAILED DESCRIPTION

Thallus microphylline, subsquamulose, squamules crowded, ± imbricate, pale grey-green to yellow-green or dark olive or green in shaded sites, continuous, spreading, to 10 cm diam., but generally much less, on rotting logs.

Apothecia rarely solitary, congested, confluent, irregular, to 5 mm diam., rusty red-brown, margins thin, pale, undulate-irregular. **Ascospores** 8 per ascus, biseriate, ellipsoid, apices narrowly rounded, straight, 11-12 × 6 µm.

SUBSTRATE

Corticolous (rotting stumps and logs)

ATTRIBUTION

Fact sheet prepared by Melissa Hutchison (19 January 2022). Brief description, Distribution, Habitat, and Features sections copied from Galloway (1985, 2007).



Hinewai Reserve, Banks Peninsula.

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Hinewai Reserve, Banks Peninsula.

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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/trapeliopsis-congregans/>