

Enterographa bella

FAMILY

Roccellaceae

AUTHORITY

Enterographa bella R.Sant.

FLORA CATEGORY

Lichen – Native

ENDEMIC TAXON

No

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Lichens - Crustose

CURRENT CONSERVATION STATUS

2018 | At Risk – Naturally Uncommon | Qualifiers: RR, SO

BRIEF DESCRIPTION

Characterised by the foliicolous habit; a green to greenish grey thallus; lirellae 0.5–0.8(–1.0) mm long; 7-septate ascospores $22\text{--}29 \times 4\text{--}5 \mu\text{m}$, with a halo $3\text{--}4 \mu\text{m}$ thick; and a photobiont forming very regular, radiate rows of cells.

DISTRIBUTION

North Island: Northland (Taipa, Tutamoe, Mangonui Bluff), Auckland (Waitakere Ra., Auckland Domain), South Auckland (Hunua Ra.), Taranaki (Puketū), Wellington (Ohau Gorge, Lower Hutt, Belmont, Colonial Knob).

South Island: Nelson (Kaihoka Lakes), Marlborough (Chetwode Is, Ship Cove), Westland, Stewart Island.

Recently recorded from Victoria, Australia and from Tasmania.

HABITAT

On leaves of ferns and *Agathis australis*, *Beilschmiedia tawa*, *Astelia hastata*, *Griselinia lucida*, *Ptisana salicina*, *Metroderos carminea*, *Podocarpus hallii*, and *Rhopalostylis sapida*.

DETAILED DESCRIPTION

Thallus 3–4 mm diam., circular at first then confluent, continuous, smooth, greenish-grey with a slight yellow tinge, shining, foliicolous. Lirellae linear, irregularly bent or undulate, often branched 0.5–0.8(–1.0) mm long, 0.15–0.2 mm broad, slightly raised, disc exposed when wet, c. 0.1 mm broad, yellow-brown, concave, hidden when dry. **Ascospores** irregularly arranged, 7-septate, \pm fusiform, broadest at the third or fourth cell from one end, $22\text{--}29 \times 4\text{--}5 \mu\text{m}$ with a $3\text{--}4 \mu\text{m}$ thick halo.

Chemistry: Psoromic acid (major), dimethylpsoromic acid (minor) and traces of an unidentified compound.

SUBSTRATE

Foliicolous



Foliicolous lichen on *Metrosideros peforata*.
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On *Icarus filiforme*. Photographer: Marley Ford,
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ATTRIBUTION

Fact sheet prepared by Marley Ford (5 August 2021). Brief description, Distribution, Habitat, Features and Similar taxa sections copied from Galloway (1985) and 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/enterographa-bella/>