

Menegazzia aucklandica

BIOSTATUS

Native – Endemic taxon

CURRENT CONSERVATION STATUS

2018 | Not Threatened

CATEGORY

Lichen

STRUCTURAL CLASS

Lichens - Foliose

LICHEN SUBSTRATE

Corticolous (bark, wood)

DETAILED DESCRIPTION

Thallus closely to loosely attached, forming regular or irregular, complete or partial rosettes, irregularly encircling twigs, to 12 cm diam., often coalescing to form small colonies, corticolous. **Lobes** numerous, ± radiating at outer edges, medium, rather uniform, 1.5-2(-3) mm wide, distinct, occasionally discrete at margins, becoming intricately interwoven, zig-zag, markedly contorted centrally and there often copiously secondarily lobulate, terminal lobes ± subdichotomously branched, margins sinuous-angular-convoluted, entire, not, or sparingly blackened, apices concolorous with thallus, hollow, swollen, internal cavity white. **Upper surface** uneven, mostly convex, occasionally where lobes are bunched, forming ridges, pale greenish-grey, emaculate, ± rugose-uneven, ± matt, perforate, without soredia or isidia. **Perforations** frequent, mostly median, margins notably elevated, appearing slightly inflated, conical, sometimes with a collar-like rim, 0.5-1.0 mm diam., rounded, oval or crescentic. **Apothecia** scattered, adnate, 2-10 mm diam., cupuliform at first, margins smooth, crenulate, or with scattered fissures, shining, thinner at maturity, disc 3-7(-10) mm diam., red-brown, shining, epruinose, ± plane to convex, pedicellate, pedicel ± coarsely faveolate. Epithecium red-brown, without granules, c. 10 µm thick. **Hymenium** colourless, c. 100 µm tall. **Paraphyses** not thickened at apices. **Asci** oval, 90-100 × 40-45 µm, 2-spored. **Ascospores** ellipsoid to subspherical, 48-60 × 32-40 µm [Zahlbruckner, loc. cit. gives 38-50 × 17-22 µm], wall 3-5 µm thick.

Chemistry: Medulla K+ yellow-orange, C-, KC+ orange, Pd+ orange; containing atranorin, stictic, constictic and menegazziaic acids and an accessory compound.

SUBSTRATE DETAILS

Corticolous

GENUS

Menegazzia

FAMILY

Parmeliaceae

AUTHORITY

Menegazzia aucklandica (Zahlbr.) P.James & D.J.Galloway

SYNONYMS

Parmelia (Menegazzia) aucklandica Zahlbr.



Corticolous on mangroves, South Head Kaipara.
Photographer: Marley Ford, Date taken:
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Corticolous on mangroves, South Head Kaipara.
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ENDEMIC TAXON

Yes

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

ETYMOLOGY

aucklandica: Of the Auckland Islands

NVS CODE

MENAUC

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.

ATTRIBUTION

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MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/menegazzia-aucklandica/>

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