

Coccocarpia pellita

FAMILY

Coccocarpiaceae

AUTHORITY

Coccocarpia pellita (Ach.) Mull.Arg.

FLORA CATEGORY

Lichen – Native

ENDEMIC TAXON

No

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

STRUCTURAL CLASS

Lichens - Foliose

CURRENT CONSERVATION STATUS

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

DISTRIBUTION

North Island: Three Kings Is, Northland (Pandora, Kaitaia), Auckland (Rangitoto Island, Waitakere Ranges), South Auckland (Mt Maungatawhiri, Coromandel, Lake Rotoiti). **South Island:** Nelson (Lake Rotoiti), Otago (Routeburn Valley, Trotter's Gorge).

Pantropical. Known also from Asia, Brazil, and Australia. It is still very much undercollected in New Zealand.

HABITAT

An epiphyte of coastal broadleaved forest trees and shrubs, mainly in northern New Zealand, from s.l. to 400 m.

DETAILED DESCRIPTION

Thallus ± orbicular, to 6 cm diam. **Lobes** 0.3-0.6 cm wide, adjacent to somewhat imbricate, broadly cuneate to flabellate, apices rotund. **Upper surface** isidiate, often also with transverse, concentric ridges. Isidia flattened, squamulose, marginal or laminal. Rhizines pale, forming a ± dense matt on the lower surface.

Ascomata lecanorine apothecia; disk convex, yellow-orange or brownish red, 1 mm diam. **Exciple** yellow-orange, 80 µm thick; epithecium 9 µm tall, orange to dark brown; **hymenium** 45–60 µm high, pale yellow; **hypothecium** 60 µm tall, light yellow to orange. **Paraphyses** simple, septate, sometimes with dilated apex, 45–50 µm high by 3–4 µm wide.

Asci claviform, unitunicate, usually 8-spored, internal and/or external amyloid layers, 40–50 µm long by 8–11 µm wide. **Ascospores** simple, hyaline, ellipsoid to fusiform 10 x 4 µm. **Pycnidia** laminar or marginal, 0.06–0.10 (–0.22) mm in diameter, brown to black or bluish-black ostiole.

SIMILAR TAXA

Coccocarpia pellita is separated from *C. palmicola* on the basis of its squamiform isidia.

SUBSTRATE

Corticolous



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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) & (2007) & <https://lichenportal.org/portal/taxa/index.php?taxon=127676&clid=1298>

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/coccocarpia-pellita/>