

Sticta martinii

BIOSTATUS

Native

CURRENT CONSERVATION STATUS

2018 | Not Threatened | Qualifiers: SO

CATEGORY

Lichen

STRUCTURAL CLASS

Lichens - Foliose

LICHEN SUBSTRATES

Corticolous (bark, wood), Saxicolous (rock)

DETAILED DESCRIPTION

Thallus 5-10(-15) cm diam., spreading, loosely attached, thin, fragile, papery, sometimes in densely compacted, ± caespitose hummocks.

Lobes 2-4(-10) mm wide, broad towards periphery, narrow, convolute-complicate centrally, margins rarely entire, sinuous, crisped, ± ascending, ± densely lacerate-incised, becoming phyllidiate, sometimes pubescent.

Upper surface matt, minutely pitted or wrinkled, to minutely white-papillate (×10 lens), bright lettuce-green, suffused brownish or dark olive in parts when wet, paler when dry, margins sometimes white-pruinose, phyllidiate. **Phyllidia** marginal, never laminal, 0.1-0.5 mm wide and tall, irregular, pectinate, ± ascending, often merging into smaller marginal lobes, sinuous, often white-pruinose, or pubescent, often dense centrally.

Lower surface pale buff, to mid brown or dark brown centrally, tomentose, tomentum white, rarely dark brown, short, uniform, thin at or near margins, or with a narrow, wrinkled, glabrous marginal zone.

Cyphellae round to irregular, 0.05-1.0 mm diam., white, scattered.

Apothecia sessile to subpedicellate, sparse to numerous, solitary, to 2-3-confluent, round to contorted through mutual pressure, 0.1-4.0 mm diam., concave at first, soon becoming plane and then convex-undulate, pale red-brown to dark brown or brown-black, margins pale flesh-coloured or whitish (translucent when wet), inflexed at first, thin at maturity and then crenate-striate, often ± denticulate, exciple pale buff or whitish, to corrugate-scabrid or pubescent. Epithecium red-brown, granular, 8-12 µm thick. **Hymenium** colourless, 50-70 µm tall. Asci clavate.

Ascospores biseriate, colourless, elongate-ellipsoid with pointed ends, 1-3-septate, 20-30 × 5-8.3 µm.

SUBSTRATE DETAILS

Corticolous, saxicolous

GENUS

Sticta

FAMILY

Peltigeraceae

AUTHORITY

Sticta martinii D.J.Galloway

ENDEMIC TAXON

No



Saxicolous. Photographer: Marley Ford, Licence: CC BY-NC.



Saxicolous. Photographer: Marley Ford, Licence: CC BY-NC.

ENDEMIC GENUS

No

ENDEMIC FAMILY

No

ETYMOLOGY

sticta: spotted, dappled

martinii: After William Martin a New Zealand botanist and lichenologist (23 October 1886, died 1975)

NVS CODE

STIMAR

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/sticta-martinii/>

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