

# Sticta sublimbata

## SYNONYMS

*Stictina weigellii* var. *sublimbata*

## FAMILY

Lobariaceae

## AUTHORITY

*Sticta sublimbata* (J.Steiner) Swinscow & Krog

## 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, Sp

## BRIEF DESCRIPTION

Characterised by the corticolous/muscicolous habit; a white medulla, a cyanobacterial photobiont, and rather thick, wrinkled-undulate, coriaceous lobes that are slightly glossy in parts and reminiscent of species of *Peltigera*. It has distinctive linear soralia with grey-brown, granular soredia derived from minute, granular-coralloid isidia, and a thick, dark-brown to black, shaggy tomentum on the lower surface, with scattered, white cyphellae deeply sunk in the tomentum.

## DISTRIBUTION

**North Island:** South Auckland (Mangaotaki River, Pio Pio), Wellington (Tongariro National Park). **South Island:** Canterbury (Lewis Pass, Nina Valley, Dog Stream, Hanmer). Still rather poorly collected and understood in New Zealand.

Also in southern South America, East and South Africa, Australia, and Panama.

## HABITAT

Among moss on riverine shrubs in deep shade.

## DETAILED DESCRIPTION

**Thallus** loosely attached, ± orbicular to irregular, 2-8 cm diam., corticolous. **Lobes** rounded, 3-10 mm wide, undulate, ± imbricate centrally, margins free, thickened, crisped, ± ascending, entire or with eroding, linear soralia on lower surface. **Upper surface** dark grey-blue or blackish, minutely white-maculate (×10 lens) or with irregular white or brownish, algal-free patches, greyish brown when dry, matt, shining, rather coriaceous. Soredia bluish-grey, coarse, granular, in linear soralia often eroding back from margins of lower surface. Medulla white. Photobiont blue-green. **Lower surface** pale brown at margins, dark brown or black towards centre, ± uniformly thick-tomentose to margins. Cyphellae conspicuous but rather few, scattered, round to irregular, sunk in tomentum, 0.1-2.0 mm diam., white, with a conspicuous, pale, raised rim. **Apothecia** not seen.



Exposed form. Photographer: Marley Ford, Licence: CC BY-NC.



Coriaceous lobes. Photographer: Marley Ford, Licence: CC BY-NC.

### SIMILAR TAXA

It is distinguished from *Sticta limbata* by its thicker, more coriaceous, rather variable lobes, which are never broadly monophyllous, in having sorediate isidia instead of primary soralia and the lack of laminal soredia.

### SUBSTRATE

Moss, trees

### ETYMOLOGY

**sticta**: spotted, dappled

### ATTRIBUTION

Fact sheet prepared by Marley Ford (3 March 2021). Brief description, Distribution, Habitat and Features sections copied from Galloway (1985) & 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/sticta-sublimbata/>