

Strigula nitidula

FAMILY

Strigulaceae

AUTHORITY

Strigula nitidula Mont.

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: DP, SO

BRIEF DESCRIPTION

Characterised by the foliicolous habit; the pure black, glossy perithecia; 1-septate ascospores, rather easily broken apart, $8-12 \times 2-3 \mu\text{m}$; and the exposed pycnidia not covered by thallus tissue.

DISTRIBUTION

North Island: Wellington (Manawatu Gorge).

Known also from Central and South America, Madeira, West, East and South Africa, Madagascar, Réunion, India, Sri Lanka, Malaysia, Java, Philippines, New Guinea, Cocos Islands, Galapagos Islands, Lord Howe Island, Tonga and Australia.

HABITAT

On leaves of *Alectryon excelsus*

DETAILED DESCRIPTION

Thallus subcuticular, \pm indistinctly effigurate, rounded to irregular 3-7(-10) mm diam., continuous, without distinct lobes, margins \pm entire, often with scattered black points or irregularly wavy lines, between these points or lines, bright green to greyish-green, shining, without a prothallus. **Perithecia** 0.35-0.65 mm diam., almost conical on top and sides, round, totally exposed, black, shining. **Asci** cylindrical or almost thread-like, very numerous and dense $30-80 \times 3.5-5 \mu\text{m}$. **Ascospores** uniseriate, 1-septate, \pm ellipsoid, with obtuse ends $8-12 \times 2-3 \mu\text{m}$. **Pycnidia** rather few, 0.1-0.15 mm diam., convex, exposed, black, shining. **Macroconidia** simple, bacillar $4-5 \times 2 \mu\text{m}$. **Microconidia** simple, fusiform $4 \times 1.5 \mu\text{m}$.

SUBSTRATE

Foliicolous

ATTRIBUTION

Fact sheet prepared by Marley Ford (19 January 2024). Brief description, Distribution, Habitat, Features and Similar taxa 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.



Pukekohe, on taraire (*Beilschmiedia tarairi*), from a specimen collected by Dan Blanchon. Photographer: Jeremy R. Rolfe, Date taken: 05/05/2015, Licence: CC BY.

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/strigula-nitidula/>