

Aptrootia elatior

SYNONYMS

Anthracothecium monosporum Müll.Arg., *Ascidium elatius* Stirt., *Ascidium melanosporum* C.Knight, *Laurera elatior* (Stirt.) D.J.Galloway, *Polyblastiopsis monosporum* (Müll.Arg.) Upreti & Ajay Singh

FAMILY

Trypetheliaceae

AUTHORITY

Aptrootia elatior (Stirt.) Aptroot

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: SO, Sp

SIMPLIFIED DESCRIPTION

Characterised by the corticolous habit; the olive-greenish to fawnish, nodular-papillate thallus; perithecia in prominent, hemispherical, monocarpic thalline verrucae; and large, dark red-brown, densely muriform ascospores, $230\text{--}330 \times 60\text{--}90 \mu\text{m}$, that are often visible as tiny black rods on the outside of the thallus near the perithecia ($\times 10$ lens).

SIMILAR TAXA

The ascospores darken in the ascus, unlike many colourless ascospores of Trypetheliaceae and lichens that only become brown after their release from perithecia (Harris 1986). The Tasmanian terricolous species *Laurera robusta* McCarthy & Kantvilas, has large, dark-brown, muriform ascospores that darken in the ascus before release (McCarthy & Kantvilas 1993).

SUBSTRATE

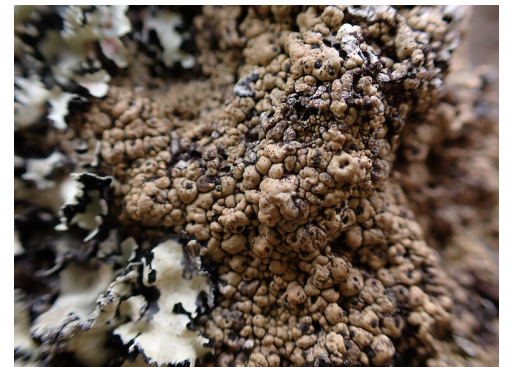
Corticolous

ETYMOLOGY

aptrootia: Named after Dutch lichenologist and mycologist André Aptroot



Saxicolous on coastal rock, Whangārei Heads Northland. Photographer: Marley Ford, Date taken: 27/01/2024, Licence: CC BY.



Saxicolous on coastal rock, Whangārei Heads Northland. Photographer: Marley Ford, Date taken: 27/01/2024, Licence: CC BY.

REFERENCES AND FURTHER READING

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NZPCN FACT SHEET CITATION

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MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/aptrootia-elatior/>

PDF DATE

17 September 2024