

Xylaria wellingtonensis

FAMILY

Xylariaceae, Ascomycetes

AUTHORITY

J.D.Rogers & Samuels

FLORA CATEGORY

Fungi – Native

DISTRIBUTION

Wellington.

DETAILED DESCRIPTION

Stromata consist of upright (taller than broad), terminal clusters of globose, fertile heads attached to a flattened stalk. Each head is 2–4 mm in diameter. There are several perithecia per head, with long pubescent stipes. The stromata in total is 4 cm high x 1 cm broad. The fertile heads are dull black, with a white interior, while the stipes are blackish brown. The surface of the fertile heads is wrinkled and tuberculate. Perithecia are 0.5–1 mm in diameter. The ascospores are brown, smooth, one-celled, ellipsoid-inequilateral, 20–23(–25) x (6–)7–8 μm , with a straight germ slit slightly less than the spore length, on flattened side of spore. This species is characterised by having globoid fertile heads attached to a flattened stipe. Ascospore shape and stromal surface indicates that it is related to *X. polymorpha*.

FRUITING

Known from a single collection made in July 1916.

SUBSTRATE

On decorticated wood.

WHERE HELD

PDD (holotype)

EXTANT COLLECTIONS

1

Where To Buy

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/xylaria-wellingtonensis/>

