

Melampsora novaezelandiae

FAMILY

Melampsoraceae, Basidiomycetes

AUTHORITY

G.Cunn.

FLORA CATEGORY

Fungi – Native

DISTRIBUTION

Coromandel, Buller, Dunedin

DETAILED DESCRIPTION

Only one kind of spore (urediniospore) is produced. These are formed in pustules (uredinia) that are found on the lower leaf surface, seated on discoloured, orbicular spots, 0.5–2 mm in diameter. The uredinia are scattered or more regularly arranged in circinnate groups. They are erumpent, surrounded by the ruptured epidermis, orange, but fading to pale ochraceous. The urediniospores are subglobose, 16–20 μm diameter with 6–8 scattered, obscure germ pores. The epispore is hyaline, 3–3.5 μm thick, and moderately and finely verruculose. Numerous hyaline, capitate paraphyses are intermixed in the pustules.

FRUITING

Known from only three collections made in February 1928, and a single collection in October 1945.

SUBSTRATE

This rust is an obligate parasite on leaves of *Euphorbia glauca*.

WHERE HELD

PDD (holotype), BPI (isotype)

EXTANT COLLECTIONS

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Where To Buy

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/melampsora-novaezelandiae/>

