

Melanophyllum sp PL1260318



Melanophyllum sp PL1260318 © Pat Leonard

Cap: convex to subglobose; 15 – 20 mm; fibrillose; greyish brown.

Stipe: cylindrical with an expanded base; 45 – 50 × 2 – 3 mm; densely scabrous; wedgewood blue-grey in upper half becoming browner below; base tightly attached to leaves.

Gills: adnate; moderately spaced; pale pink with a bright blue-green edge; lamellulae present in one series.

Flesh: thin, off-white.

Smell: none.

Spore print: white.

Spores: long ellipsoid to conical; 8.3 – 10.5 × 3.3 – 5.9 μm, average 9.6 ± 0.44 × 4.31 ± 0.76 μm, Q = 1.64 – 3.02, average Q = 2.29 ± 0.41.

Basidia: clavate and paired with a sterile cell but without an obvious basal clamp.

Pileipellis: a cutis.

Habitat: in deep leaf litter in a roadside ditch in wet sclerophyll forest with *Eucalyptus* and *Allocasuarina*.

Notes: this collection does not key readily to a genus; at first sight it appeared to be an *Entoloma* with pink gills with a bright blue-green margin, but the spore print is white and the spores are not angular. It is not a known *Melanophyllum* either, although the basidia and morphology suggest that genus also.

Collections examined: PL1260318, Mapleton Forest, Gretchen Evans, 23 Mar 2018.