

Cortinarius rotundisporus



Cortinarius rotundisporus © Fran Guard

Cap: convex, 30 mm diameter, smooth, dry (in dry conditions), buff brown with bluish tints, with flat centre, slight splitting of margin.

Stipe: cylindrical; 55 × 4.5mm, narrower at apex, with bulbous base, hollow, off-white with bluish tint. The cortina is not visible.

Gills: moderately crowded, pale lilac but browning with spores, adnate and slightly sinuate, ventricose

Flesh: not examined

Taste: not tested

Spore print: rusty brown.

Spores : spores subglobose to broadly ellipsoid; 7.6-8.32 × 6.24 - 7.13 μm, average 8 × 6.7μm, Q = 1.11- 1.27, average Q = 1.18; finely warty and thick-walled.

Basidia: 4 spored

Pleurocystidia: nil

Pileipellis: repent hyphae in a (gelatinous) matrix. Some hyphae with encrusting pigment

Substrate: soil

Habitat: rain forest.

Collections examined: Linda Garrett QMS Foray 14/6/14: Specimen 28, Det. FEGuard with C. Grgurinovic Larger Fungi of South Australia

Notes: had the weather been wetter, this fungus should have been viscid. The colour of the cap is very variable according to Grgurinovic. However, microscopic features fitted, including spore size and shape.