

Cortinarius species PL5610



Cortinarius sp PL5610 © Pat Leonard

Cap: convex; 40 – 60 mm diameter; glabrous, dry, shiny; red brown to violet brown (10F7).

Stipe: clavate with a rooting base; 40 × 15 – 20 mm; copious cortina forming and thin ring; brilliant red (10A8), staining a darker red on handling and with a bright orange base; basal mycelium also orange; solid but with a hollow centre.

Gills: adnexed; brilliant red (10B8); lamellulae present in two series.

Flesh: firm, bright red in cap and stem.

Chemical reactions:

Spores: rusty brown; subglobose; 7 – 8.2 × 5.9 – 7.1 µm, average 7.5 ± 0.4 × 6.35 ± 0.3 µm; Q = 1.05 – 1.28, average 1.17 ± 0.06.

Basidia: clavate, four spored.

Pleurocystidia: not observed.

Pileipellis: a cutis.

Habitat: growing in a small group in soil and litter under shrubs and mature *Eucalyptus pilularis*.

Notes: A Dermocybe with brilliant red gills and stipe and a darkish brown cap, which has an orange mycelium and a strongly dark red staining stipe. Does not key out in Rod Jones key to Dermocybes.

Collections examined: PL 5610, Maroochy Bushland Botanic Garden, Pat Leonard, 7 June 2010.