

## *Cortinarius* sp 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:**

**Spore print:** rusty brown.

**Spores:** 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.