

Tricholoma austrocolossum



Tricholoma austrocolossum © David Holdom

Cap: plano convex to somewhat depressed in the centre; up to 110 mm diameter; shiny, fibrillose; cinnamon brown; margin entire.

Stipe: clavate to sub-bulbous; 55 × 21 mm; vertically fibrillose; cinnamon to ochraceous; with a distinct ring 2/3rds of the way up the stipe.

Gills: sinuate; moderately crowded; light pinkish cinnamon; lamellulae present in one series.

Flesh: white; unchanging on exposure to air but browning slightly with age, particularly under the cap cuticle and in the stipe.

Taste:

Spores: white; subglobose to ellipsoid; 5.8 – 7.1 × 4.5 – 6.4 µm, average 6.3 ± 0.3 × 5.4 ± 0.5 µm, Q = 1 – 1.4, average Q = 1.19 ± 0.12; smooth.

Basidia: narrowly clavate; 35 – 50 × 8 – 12 µm; four spored.

Pleurocystidia: inconspicuous, cattenate or with multiple endings, with 2 – 3 septa; terminal cell clavate.

Pileipellis: a cutis of pigmented hyphae 5 – 10 µm wide.

Habitat: growing singly in open Eucalypt forest dominated by *Eucalyptus andrewsii*.

Notes: this very large *Tricholoma* is unusual because it has a ring. The sinuate gills and white spore print are good confirming characters. It is however often mis-identified as a brown spored mushroom because of the cinnamon coloured gills.

Collections examined: PL40411, Tully Park, Girraween, Pat Leonard, 15 Apr 2011.