

Agaricus sp 7



Agaricus sp 7 © Pat Leonard

Cap: plano-convex; 90 – 110 mm diameter; glabrous; white, drying brown.

Stipe: cylindrical but twisted and about ¼ buried; 100 – 120 × 10 – 12 mm; glabrous but slightly fibrillose above ring; white becoming pale brown; staining yellow in the base.

Gills: free, very crowded; greyish pink at first becoming a dark chocolate brown.

Flesh: thin, whitish.

Smell: strong carbolic.

Spore print: chocolate.

Spores: ellipsoid; $5.1 - 6 \times 3.3 - 4.6 \mu\text{m}$, average $5.5 \pm 0.3 \times 3.8 \pm 0.3 \mu\text{m}$, $Q = 1.3 - 1.67$, average $Q = 1.47 \pm 0.09$.

Basidia: small, clavate ; $15 - 20 \times 6 - 7 \mu\text{m}$; four spored.

Cheilocystidia: sphaeropedunculate ; $15 - 25 \times 10 - 20 \mu\text{m}$; thin walled.

Pileipellis: a cutis of repent interwoven hyphae.

Substrate: in deep litter.

Habitat: in a patch of rainforest beneath *Angophora*.

Notes: This very large *Agaricus* is characterised by its pale cap with dark grey fibrils, unpleasant smell and bright yellow staining in the base of the stipe. A member of the Xanthodermi, but in a habitat with native vegetation, could be *A. moelleri*.

Collections examined: PL 1680317, Yaroomba Bushland Park, Pat Leonard, 26 Mar 17.