

Amanita ochrophylla



Amanita ochrophylla © Pat Leonard

Cap: plano-convex; 50 -150 mm diameter; smooth, dry; orange buff; with velar remnants as broad flattish scales grouped near the centre, slightly darker than cap; margin entire, slightly appendiculate.

Stipe: cylindrical with a large turbinate base; 55 – 150 × 15 – 30 mm; glabrous, but somewhat fibrous on the bulb; white to ochraceous buff; with a double ring, upper ring small, pendulous, ochraceous buff, lower ring thicker, often lost.

Gills: free; thin, crowded; becoming ochraceous buff, with one or two sets of lamellulae.

Flesh: thick, white, unchanging.

Smell: nil or sickly sweet like nauseosa.

Spore print: white.

Spores: ellipsoid to elongate ellipsoid; 9 – 10.5 × 5.5 – 7.5 μm , $Q = 1.56 \pm 0.12$; strongly amyloid.

Basidia: clavate; 50 – 65 × 10 – 12 μm ; four spored.

Cheilocystidia: ovoid to subglobose.

Pleurocystidia: not observed.

Pileipellis: a cutis of filamentous hyphae.

Substrate: in pure sand.

Habitat: in wallum heath under *Allocasuarina torulosa* and *Callitris columnaris*.

Notes: easily recognised by the combination of ochraceous buff colours, a turbinate bulb and a double ring.

Collections examined: PL54310, Noosa National Park, Marcus Beach Section, Pat Leonard, 17 March 2010; PL29613, Marcus Beach Section, Noosa National Park, Pat Leonard, 23 June 2013.