

Amanita flavella



Amanita flavella © Sapphire MacMullan-Fisher

Cap: convex to plano-convex; 50–80 mm diameter; bright golden yellow (2A6, 3A8), with a more ochraceous centre; soft, flat velar scales are concolorous or darker than the cap; velar remains appendiculate on cap margin.

Stipe: cylindrical with a sub-bulbous base; 60–100 × 10–18 mm; white near apex, becoming flushed with cap colour in lower half; large pendulous and fugacious ring, pale yellow and fragile, often breaking away; no volva but prominent yellow floccose scales on sub-bulbous base which resemble those on the cap.

Gills: free; white; crowded; lamellulae in two series.

Flesh: white, unchanging.

Spore print: white.

Spores: ellipsoid; 9–10 × 6.5–7.5 µm ; Q = 1.35; amyloid.

Basidia: clavate; 40–50 × 9–11 µm; 4-spored.

Cheilocystidia: sphaeropedunculate or pyriform.

Pileipellis:

Habitat: wet and dry sclerophyll forests under *Eucalyptus* and *Allocasuarina*; occasionally on forest edges and roadside verges.

Notes: The distinctive golden yellow colour combined with white gills and a ring make this species easy to identify. There have only been three collections in Queensland of this fungus.

Collections examined: SMF2323 (MEL and dup to BRI); PL1410, Pat Leonard, 1 Apr 2010.

