

Amanita luteolovelata



Amanita luteolovelata © S.J.M. McMullan-Fisher

Cap: convex, to plano-convex; 30 - 85 mm diam; dry, smooth cap surface; grey with scattered patches of pulverant pale yellow velar remains, with a central hazel brown dot in the centre.

Stipe: cylindrical with swollen to bulbous base; 75 × 10 mm; cream to pale yellow to pale yellow-brown; squamulose; ring large, flared, pendulous and fragile pale yellow.

Gills: free, crowded; white to cream, with 4-5 tiers of lamellulae, margin concolorous

Flesh: white, stem maybe hollow.

Taste: not recorded

Spore print: white.

Spores: , broadly ellipsoid; 8.7 × 6.7 μm, Q = 1.29; amyloid, smooth.

Basidia: 4- sterigmata; 30-40 × 8.9-12 μm; small sub-basidial cell slightly inflated.

Cheilocystidia: inflated globose to broadly pyriform cells; 25-33 × 23 μm;

Pleurocystidia: not observed

Clamp connections: not observed

Pileipellis: Velar remains made up from abundant inflated globose cells (23-64 μm) with a few thin-walled hyphae (3.6-8 μm)

Habitat: very tall open forest with *Eucalyptus pilularis* (blackbutt), *E. grandis*, *E. tereticornis* and *Eucalyptus microcorys* (tallowwood).

Notes: the pale yellow pulverant velar remains are characteristic and allow this species to be identified in the field.

Collections examined: 210015P005 from Linda Garret, Mapleton, SEQ.