

Amanita sp ‘Girraween snuff brown’



Amanita sp ‘Girraween snuff brown’ © Susie Webster

Cap: applanate to planoconvex; 70–90 mm diameter; glabrous, snuff brown (5F6); veil absent; margin not striate.

Stipe: cylindrical, bendy; 60–120 × 10–15 mm; glabrous white at apex with minute fawn floccules which are denser towards the base; ring ephemeral.

Gills: adnexed; moderately crowded; cream; lamellulae present in two series.

Flesh: white, unchanging.

Spore print: white.

Spores: subglobose; $6.3\text{--}8.8 \times 5.8\text{--}8 \mu\text{m}$, average $7.2 \pm 0.7 \times 6.6 \pm 0.6$, $Q = 1.01\text{--}1.35$, average $Q = 1.08 \pm 0.08$; strongly amyloid.

Basidia: short clavate; $30\text{--}40 \times 8\text{--}10 \mu\text{m}$; 4-spored.

Cheilocystidia: not observed.

Pleurocystidia: present, short clavate; $20\text{--}30 \times 9\text{--}12 \mu\text{m}$; with granular contents.

Pileipellis: a cutis of repent hyphae.

Habitat: singly in dry sclerophyll forest with *Eucalyptus andrewsii*.

Notes: This species with a snuff brown cap lacking veil remnants does not key out readily in Wood’s key. The very tall stipe and strongly amyloid spores do not link it to any known collections either.

Collections examined: PL640421, Underground Creek Track, Girraween National Park, Pat Leonard, 22 Apr 2021.