

Amanita murina



Amanita murina © Pat Leonard

Cap: convex; 30 – 60 mm diameter; glabrous; dry; very pale grey; veil remnants scarce or absent.

Stipe: cylindrical with a sub-bulbous base; 35 – 60 × 8 – 15 mm; glabrous; white; with a pendulous ring somewhat striate above; volva saccate, free at top.

Gills: adnexed to free; crowded; white to very pale cream; lamellulae in two series.

Flesh: thin, white.

Taste:

Spore print: white.

Spores: subglobose to broadly ellipsoid; 7 – 8.6 × 5.9 – 7 μm, average 7.7 ± 0.4 × 6.9 ± 0.4 μm, Q = 1 – 1.27, average Q = 1.12 ± 0.08; smooth; amyloid.

Basidia: narrowly clavate; 35 – 45 × 8 – 11 μm; four spored.

Pleurocystidia: not observed.

Pileipellis: a cutis, clamps absent. Veil remnants composed mainly of narrow hyphae with a few inflated cells.

Substrate: sandy soil.

Habitat: grass lawn in botanical garden, *Eucalyptus* species at some distance.

Notes: a small pale grey *Amanita*, with a ring and volva and subglobose amyloid spores. It can only be determined with certainty by its microscopic characters. This collection looks very similar to F. M. Bailey's original illustration.

Collections examined: PL4414, Maroochy Bushland Botanic Garden, Pat Leonard 2 Apr 2014.