

*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:** PL 4414, Maroochy Bushland Botanic Garden, Pat Leonard 2 Apr 2014.