

Amanita murinaster



Amanita murinaster © Pat Leonard

Cap: plano-convex, retaining a wide umbo, 45–90 mm diameter; pellucid striate in outer 2/3rds of radius; pale grey; velar remnants indistinct.

Stipe: slightly clavate; 60–80 × 9–14 mm; more or less glabrous, but slightly floccose in lower half; white; with thin membranous adpressed annulus; volval remains are distinct, white, but not saccate.

Gills: more or less free; thin, crowded; white; lamellulae in one series.

Flesh: thin, white, unchanging.

Spore print: white.

Spores: globose to ellipsoid; 7.5–9.6 × 6.3–8.4 µm, Q = 1.1–1.25; amyloid; thin-walled.

Basidia: narrowly clavate; 40–50 × 9–14 µm; 4-spored.

Pleurocystidia: clavate; 35–50 × 10–15 µm; thin-walled.

Pileipellis: a cutis.

Substrate: soil.

Habitat: in dry sclerophyll forest under *Eucalyptus* and *Callitris*.

Notes: This grey *Amanita* is hard to separate from *A. murina*; it has a pellucid striate cap and a less distinct volva and a persistent ring. Wood suggests that the spores are less ellipsoid, but the value ranges overlap so this has proved to be a problematic character.

Collections examined: PL29312, Sundown National Park, Granite Belt Queensland, Pat Leonard, 22 Mar 2012; PL190720, Yarrumba Park, Pat Leonard, 26 Jul 2020.