

Amanita aff muriniflammea



Amanita aff muriniflammea © Pat Leonard

Cap: convex becoming planoconvex; 60–130 mm diameter; glabrous, a little viscid; yellowish brown, grey-brown; velar remains as a greyish membranous patch in the centre, or absent; margin shortly pellucid striate.

Stipe: clavate; 75–110 × 15–30 mm; glabrous below ring, striate above; white; ring pendulous, striate, white to pale brown, persistent, base thickened and sometimes darker; volva large, white, membranous and persistent.

Gills: adnexed to emarginate; white; crowded; lamellulae in one series.

Flesh: white, unchanging on exposure to air.

Smell: not distinctive.

Spore print: white.

Spores: ellipsoid; 11.5–13.5 × 8.5–10 µm, $Q = 1.35$; inamyloid.

Basidia: clavate; 4-spored; 40–60 × 12–15 µm.

Cheilocystidia: clavate, but not very distinct.

Pileipellis: a cutis.

Habitat: growing in clusters and rings in dry sclerophyll forest with *Eucalyptus*.

Notes: This robust yellow-brown to grey-brown *Amanita* has a persistent ring and saccate volva and inamyloid, ellipsoid spores. It keys to *A. muriniflammea* in Wood but is not an exact match. It is both large and fairly distinctive and yet there are remarkably few records, concentrated in northern New South Wales and SE Queensland.

Collections examined: PL100310, Dr Roberts Waterhole Track, Girraween National Park, Pat Leonard 22 Mar 2010; PL113310, Mount Norman Track, Girraween National Park, Pat Leonard, 23 Mar 2010.