

## *Armillaria fumosa*



*Armillaria fumosa* © Pat Leonard

**Cap:** convex at first, becoming plano-convex; 30–50 mm diameter; squamulose at centre, squamules and fibrils on outer two-thirds; overall dark brown (9F4) when young, becoming paler brown (7D3, 7D4) when older; squamules dark grey-brown, background paler.

**Stipe:** cylindrical; 35–50 × 4–6 mm; tough; striate with some small squamules below ring; concolourous with cap but paler at apex and darker below; persistently upturned white ring; caespitose.

**Gills:** decurrent; white to very pale pink; lamellulae present in one or two series.

**Flesh:** firm, white.

**Taste:** very bitter.

**Chemical reactions:** none recorded.

**Spore print:** white.

**Spores:** ovoid; 6.9–9.4 × 5.2–6.9 µm, average 7.6 ± 0.6 × 5.9 ± 0.5 µm; Q = 1.1–1.7, average Q = 1.3 ± 0.15; pale yellow in water, smooth.

**Basidia:** clavate; 35–50 × 9–11 µm; 4-spored.

**Cheilocystidia:** utriform, numerous, forming a sterile edge.

**Pileipellis:** a cutis.

**Habitat:** growing in caespitose groups around the stump of a dead tree in damp sclerophyll forest with vines.

**Notes:** this collection is consistent with Kile and Watling's description of *Armillaria fumosa*.

**Collections examined:** PL29410, Linda Garrett Reserve, Mapleton, P.A. Wainwright, 10 April 2010.