

## *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 2/3rds; 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; four 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 probably represents a collection of *Armillaria fumosa*, and is consistent with Kile and Watling's description.

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