

## *Xerocomus* sp 36



*Xerocomus* sp 36 © Pat Leonard

**Cap:** convex; 8 – 12 mm diameter; viscid, sticky cap; orange brown (7C8), margin tight to edge of pores.

**Stipe:** cylindrical or tapering very slightly downwards; 20 × 2 – 3 mm; striate fibrillose; paler yellow brown (6C8) than cap and pale zone at apex; appears to have white rhizoids.

**Pores:** adnate; creamy orange but becoming distinctly red as the spores mature; ovoid, radially elongated; 2 per mm.

**Flesh:** white, unchanging on exposure to air.

**Smell:** none.

**Taste:** mild.

**Chemical characters:** not tested.

**Spore print:** reddish orange.

**Spores:** ellipsoid; 8.2 – 9.42 × 4.04 – 5.03 μm, average 8.95 ± 0.35 × 4.5 ± 0.3 μm, Q = 1.74 – 2.24, average Q = 2 ± 0.15; smooth; containing one or more oil droplets.

**Basidia:** short clavate; 22- 30 × 7 – 8 μm; four spored, containing small reflective (in KOH) oil droplets.

**Cheilocystidia:** not observed.

**Pleurocystidia:** not observed.

**Pileipellis:** an ixotrichoderm; gelatinized trichoderm with some repent cells; terminal cells slightly clavate, darker and ± 20 × 4 μm.

**Habitat:** growing in a coastal Melaleuca forest in sand, not clear which tree it was associated with because it is a very mixed forest with *Allocasuarina* and *Callitris* as well as Eucalypts.

**Notes:** this is a minute Bolete with a sticky cap and orange red pores which seem to be its distinctive features. It is probably not in *Xerocomus*, might be a *Fistulinella*?

**Collections examined:** PL1590318, Arthur Harrold Reserve, Pat Leonard, 25 Mar 2018.