

## *Inocybe* sp PL163313



*Inocybe* sp PL163313 © Pat Leonard

**Cap:** convex to shallowly conical at first; 45 - 60 mm diameter; squamulose over most of the cap but fibrillose rimose near the margin; pale brownish orange (6C4); margin somewhat lobed.

**Stipe:** cylindrical, tapering towards base, very hard; 35 × 8 – 12 mm; glabrous; white at apex, slightly ochraceous towards base.

**Gills:** adnexed, moderately spaced, quite thick, pale ochraceous clay; with a single series of lamellulae.

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

**Smell:** none.

**Spore print:** pale brown.

**Spores:** ellipsoid; 6.1 – 7.6 × 4.1 – 5.3 μm, average 6.9 ± 0.5 × 4.9 ± 0.3 μm, Q = 1.24 – 1.68, average Q = 1.41 ± 0.09; smooth; yellow brown in KOH.

**Basidia:** narrowly clavate; 35 – 45 × 5 – 8 μm; with oily contents; four spored.

**Cheilocistidia:** ventricose, thick walled, with an encrusted apex, crystals dissolving in KOH; 40 – 50 × 12 – 15 μm.

**Pleurocystidia:** similar to cheilocistidia but without encrusting crystals.

**Pileipellis:** a cutis.

**Substrate:** in soil.

**Habitat:** wet sclerophyll forest growing in close proximity to *Eucalyptus microcorys*.

**Notes:** a surprising large robust *Inocybe*. Not apparently featured in any standard Australian field guides.

**Collections examined:** PL163313, Warwick property, Ash Lane, Cooroy, Pat Leonard, 31 Mar 2013.