

## *Gyroporus* sp 1



*Gyroporus* sp 1 © Pat Leonard

**Cap:** broadly convex to applanate; 60 – 70 mm diameter; greasy, soft, fibrillose, somewhat wrinkled; pale to dark straw (5B3, 5C4), drying with a pistachio green tinge; margin entire.

**Stipe:** cylindrical but slightly uneven, hollow and chambered; 45 × 15 mm; felty; pale greenish yellow; slightly swollen at base; outer layer tough but cracks open.

**Pores:** adnexed; angular, slightly radially extended; pale greenish yellow, not changing colour on bruising.

**Flesh:** off white, unchanging on exposure to air; both stipe and cap become pale green on drying but flesh does not change.

**Taste:** not attempted.

**Spores:** pale yellow to cream; ellipsoid; 8.8 – 10.6 × 4.5 – 6.6 µm, average 9.6 ± 0.5 × 5.5 ± 0.5 µm, Q = 1.5 – 2, average Q = 1.75 ± 0.14; smooth, thick walled.

**Basidia:** broadly clavate; 35 – 50 × 8 – 10 µm; four spored; with oily contents.

**Pleurocystidia:** clavate; 25 – 35 × 8 – 10 µm; some arising in pairs or clusters.

**Pileipellis:** an ixotrochoderm of hyphae with clamp connections.

**Habitat:** growing in small groups in open Eucalyptus forest dominated by *Eucalyptus andrewsii* and *Melaleuca* sp.

**Notes:** This pale to dark straw coloured *Gyroporus* is characterised by pale greenish yellow stipe and pistachio green colours on drying. The larger spore size and solitary habit distinguish it from *G. caespitosus*. It appears to be a new species.

**Collections examined:** PL39411 (TP13), Tully Park, Girraween, Floss Wainright, 15 Apr 2011, PL 880415, Tully Park, Girraween, Morwenna Boddington, 10 Apr 2015.