

## *Pluteus* Sp 2



*Pluteus* sp 2 © Pat Leonard

**Cap:** planoconvex; up to 30 mm diameter; with dark brown patches at centre, otherwise squamulose; grey brown with pale margin.

**Stipe:** clavate; 50 × 3 – 5 mm; glabrous; white.

**Gills:** free; moderately crowded; pink; lamellulae present in one series.

**Flesh:** thin, white.

**Taste:**

**Spore print:** pink.

**Spores:** ellipsoid; 6.8 – 8.8 × 4.6 – 6 μm, average 7.7 ± 0.5 × 5.4 ± 0.45 μm, Q = 1.17 – 1.76, average Q = 1.44 ± 0.17; thin walled.

**Basidia:** clavate; four spored.

**Pleurocystidia:** numerous; fusoid; metuloid with two hook like prongs at apex; 50 – 65 × 14 – 18 μm; thick walled.

**Pileipellis:** a cutis of thin walled cylindrical hyphae with brown pigment. Clamps present.

**Substrate:** large ancient mossy dead tree stump.

**Habitat:** rainforest with Eucalypts.

**Notes:** this collection has some affinities with Horak's *Pluteus similis*, but the fruit bodies are smaller and the spores significantly larger. It does not appear to accord with known Australian species.

**Collections examined:** BT42, Clark's Farm, Bellthorpe, Pat Leonard, 16 Mar 2014.