

## *Pholliota* sp PL119310



*Pholliota* sp 119310 © Pat Leonard

**Cap:** convex becoming appanate; 50 – 65 mm diameter; very finely fibrillose; yellow brown (5B7) with fibres slightly darker than background, margin entire.

**Stipe:** cylindrical to slightly expanded at base and more strongly at apex; 65 – 80 × 10 – 30 mm; finely fibrillose; base colour white but with fibres hyaline in upper half and cinnamon in lower half; stipe deeply buried in soil/litter; loosely caespitose.

**Gills:** adnate; yellow brown, lamellulae present.

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

**Smell:** not distinctive.

**Chemical reactions:**

**Spore print:** brown to rust.

**Spores:** amygdaliform; 5.2 – 8.6 × 3.1 – 4.2  $\mu\text{m}$ ; average 6.8 ± 0.95 × 3.7 ± 0.3  $\mu\text{m}$ ; Q = 1.4 – 2.1, average 1.8 ± 0.25, spore sizes probably form a bimodal distribution reflect variations in basidia (see below).

**Basidia:** clavate; 25 – 3- × 6 – 8  $\mu\text{m}$ ; one, two and four spored basidia present.

**Cheilocystidia:** clavate; hyaline; 30 – 40 × 6 – 9  $\mu\text{m}$ .

**Pileipellis:** a cutis.

**Habitat:** in groups with stipes loosely joined and deeply buried in the soil in dry sclerophyll forest under *Eucalyptus* species.

**Notes:** this *Pholliota* with a medium sized yellow brown cap and long partially white stipe buried deeply in the soil may be identifiable, but more collections are needed. It has significantly smaller spores than *Pholliota* sp PL121310.

**Collections examined:** PL119310. Mount Norman Track, Girraween National Park, Pat Leonard, 23 March 2010.