

Hygrophorus sp



Hygrophorus sp © Lil Spadijer

Pileus: broadly convex becoming centrally depressed with an umbo; 50 – 65 mm; rugulose; glabrous but matt with small brownish grey scales at centre.

Stipe: more or less cylindrical, hollow; 65 – 100 × 10 – 14 mm; glabrous; white.

Gills: adnexed to subdecurrent; white; lamellulae in 2 series.

Flesh: white, unchanging.

Smell: strong, difficult to define.

Spore print: white to very pale cream.

Spores: ellipsoid; 7.1 – 8.9 × 3.8 – 5.3 μm , average 7.9 \pm 0.5 × 4.6 \pm 0.4 μm , Q = 1.47 – 2.21, average Q = 1.73 \pm 0.21; smooth, thin walled, inamyloid.

Basidia: more or less cylindrical; 30 – 35 × 5 – 7 μm ; sides irregular; with oil droplets.

Pleurocystidia: not observed.

Pileipellis: a cutis of entwined hyphae 5 – 7 μm wide.

Substrate: soil.

Habitat: wet sclerophyll forest with *Eucalyptus*.

Notes: This tall white fungus with a strong smell looks like a *Hygrophorus* but cannot be linked to any of the species in this genus so far reported for Australia.

Material examined: PL24614, Linda Garrett Forest, Mapleton, Nick Wiggins, 14 Jun 2014.