

Clitocybe sp 'Coolum'



Clitocybe sp 'Coolum' © Pat Leonard

Cap: applanate; 40 – 60 mm diameter; matt; chalk white; margin wavy.

Stipe: cylindrical, hollow; 40 – 50 × 7 – 10 mm; matt; chalk white.

Gills: adnate; very crowded; thin; white; with lamellulae in one series.

Flesh: thin, white.

Taste: too close to the deadly *C. dealbata* in appearance to risk!

Smell: raphanoid.

Spore print: hyaline to white

Spores: subglobose; very small, 3 × 2.5 µm; smooth.

Basidia: clavate; 15 – 20 × 4 – 5 µm; four spored.

Cheilocystidia: absent.

Pleurocystidia: absent.

Pileipellis: a cutis.

Habitat: in litter on sandy soil under *Allocasuarina littoralis*.

Notes: this fungus readily keys to the genus *Clitocybe* in FunKey. It looks very like the European species *C. dealbata* that is deadly poisonous. However, the gills are more crowded, the spores smaller and the habitat different so it is not that. It keys to *C. semiocculta* in Grgurinovic, but here too the spores are smaller, the stipe is much longer and the habitat is different. This appears to be an undescribed species.

Collections examined: PL240622, Coolum National Park, Pat Leonard, 8 Jun 2022.