

Lepista aff gilva



Lepista aff gilva © Sapphire McMullan Fisher

Cap: convex to broadly umbonate; 60 mm diameter; glabrous, waxy, hygrophanous; yellow (3A7) becoming orange yellow (4A8) with age.

Stipe: cylindrical; 60 × 10 mm; glabrous at apex, fibrillose below; pastel yellow (3A4) with fibres a darker yellow brown; flesh tough; hollow.

Gills: decurrent; crowded; pastel yellow (3A4); lamellulae present.

Flesh: thin, pale yellowish, unchanging on exposure to air.

Taste:

Spore print: pale yellowish brown.

Spores: ellipsoid; 5 × 4 µm; strongly amyloid with punctate ornamentation; hyaline with an oil drop.

Basidia: cylindrical, four spored

Cheilocystidia: numerous, forming a sterile edge, cylindrical to narrowly clavate.

Pileipellis:

Habitat: growing in sandy soil surrounded by litter in dry sclerophyll forest with *Lophostemnon* and *Allocasuarina* present nearby.

Notes: this collection does not key to genus in Funkey. The combination of ornamented amyloid punctate spores, crowded gills and a coloured spore print all place it in *Lepista*, but none of the known species in Australia have these very bright yellow colours.

Collections examined: PL3410, Tinbeerwah State Forest, Sapphire McMullan Fisher, 1 April 2010.