

Inocybe cystidiocatenata



Inocybe cystidiocatenata © Pat Leonard

Cap: conical; 15 – 20 mm diameter; strongly fibrillose; a mid brown with darker fibrils on a paler background; margin distinctly inrolled.

Stipe: cylindrical; 15 × 3 – 4 mm; white, overlain by hyaline white vertical fibrils.

Gills: adnexed, crowded; buff to pale brown.

Flesh: thin, white.

Smell: not distinctive.

Spore print: pale brown.

Spores: ellipsoid; 8 – 10 × 5 – 7 μm; smooth.

Basidia:

Cheilocystidia: clavate and septate or cattenate, 20 – 50 × 10 – 15 μm, very numerous, forming a sterile edge to the gill.

Pleurocystidia: absent.

Pileipellis: fibrils formed of relatively thick walled hyphae.

Habitat: in rainforest soil and litter along the edge of a path.

Notes: The combination of the very fibrillose conical mid brown cap, white stipe, the smooth spores and the septate/cattenate cystidia allow this species to be recognised, but there may well be other *Inocybe* species that share its field characters and confirmation requires microscopic examination. This appears to be the first Queensland record.

Collections examined: PL 41310, Mt Cordeaux, Cunningham's gap, Pat Leonard, 15 March 2010.