

Humidicutis helicoides



Humidicutis helicoides © Patrick Leonard

Cap: convex developing central depression at maturity; 15 - 35 mm diameter; glabrous, viscid; innately striate at margin; olivaceous green at first, retaining colour in centre but becoming cream towards margin.

Stipe: cylindrical, sometimes flattened; 40 - 60 × 3 - 5 mm; pale ochraceous with an olive tinge; glabrous; viscid.

Gills: subdecurrent; distant; cream with a slight green tinge; moderately thick.

Flesh: thin, white with an olivaceous tinge, unchanging.

Spore print: white.

Spores: ellipsoid; 7 - 9 × 5 - 7 μm; Q = 1.5 - 1.6.

Basidia: narrowly clavate; 35 - 50 × 7 - 9 μm, four spored.

Cheilocystidia: absent.

Pileipellis: an ixocutis of repent hyphae in a gelatinized medium.

Habitat: amongst mossy logs with *Eucalyptus* in a wet sclerophyll forest.

Notes: the viscid cap and stipe and olivaceous colours make this *Humidicutis* recognisable in the field. It clearly keys out in Young's monograph, however he describes lime green gills that were not noted here. Possibly a new species.

Collections examined: PL 60621, Linda Garrett Reserve, Mapleton; 10 June 2021.