

Chaetocalathus cheelii.



Chaetocalathus cheelii © S. McMullan-Fisher & K. Querengasser (top right)

Cap: reniform; 2-10 mm diameter; cream with tan to buff, dry, hirsute in concentric rings, which is radially ridged at margin; cap margin is fringed and becomes in-rolled as it dries.

Stipe: often disk at point of dorsal or lateral attachment ~1 mm diameter; cream to buff, hirsute.

Gills: cream to buff; adnate; close with at least 2 rows of lamellulae.

Flesh:

Spores: broadly ellipsoid but hard to find.

Basidia:

Cheilocystidia: present, thick-walled, some with bifurcate apices.

Pleurocystidia:

Pileipellis: long, thick-walled dextrinoid hairs.

Habitat: subtropical rainforest in SEQ.

Substrate: litter and wood.

Notes: *Chaetocalathus cheelii* is a buff colour whereas *C. semisupinus* (also recorded in Australia) is white. These are the only two species of this genus recorded so far in Australia. This genus has thick-walled dextrinoid to amyloid hairs in the pileal surface.

Collections examined: SMF2574 MCSR 26 Jul 2010; SMF2555 MCSR 14 Jul 2010; QMS0002, Springbrook "Stevensons" 29 Nov 2008.