Hymenopellis gigaspora



Hymenopellis gigaspora © Frances Guard (left) Megan Prance (right)

Cap: broadly convex to planar; 40 - 60 mm diameter; smooth, slightly viscid when wet; milk coffee to clay buff, slightly darker in centre margin entire.

Stipe: extremely elongated, $120 - 180 \times 3 - 7$ mm; with radicating 'root', $35 - 40 \times 8 - 12$ mm; clay buff to vinaceous buff at base, grading to white at upper end; finely pubescent, solid with very narrow central cavity

Gills: white, moderately crowded, subdecurrent, 4 tiers of lamellulae.

Flesh: white, 4mm at centre

Spore print: white.

Spores: broadly ellipsoid to subglobose, av. 15×12 , Q = 1.23.

Basidia: 2 and 4 spored. **Pleurocystidia:** not seen. **Pileipellis:** not examined. **Substrate:** sandy soil

Habitat: Kunzea, Allocasuarina forest

Collections examined: CN 55, Crows Nest N.P., 20/4/13

Notes: Key used is by R. Petersen, 2010 (adapted for Australia by P.L. Leonard). There is a problem with number of spores per basidium. This species appears to have some 2 spored and some 3-4 spored basidia. According to the key *Hymenopellis gigaspora* should have only 4 spored basidia. Otherwise morphological features fit well.