**Hymenopellis trichofera**

*Hymenopellis trichofera* © Pat Leonard

**Cap:** campanulate becoming plano convex with a broad umbo; 35 - 90 mm diameter; viscid; rugulose; umbo rich brown (6D7), remainder of cap paler, blond brown (5C4).

**Stipe:** cylindrical with a thickened band just below soil level, then radicating below; 150 × 8 mm; white, then browning with age; glabrous, dry.

**Gills:** white, adnexed with a decurrent tooth; lamellulae intercalated in 3 series.

**Flesh:** off white, thin, 2 mm at apex.

**Spores:** white; subglobose, with a partially thickened wall; 10.5 - 12.5 × 11 - 12 µm, Q = 1.1.

**Basidia:** clavate, four-spored, 50 × 20 um.

**Cheilocystidia:** narrowly utriform, thin walled, variable in size, 50 - 100 × 8-12 µm.

**Pleurocystidia:** clavate, very thick walled, 35-40 × 18-22 µm, staining strongly in congo red.

**Pileipellis:** a hymeniderm of ovoid and subcapitate pedunculate cells 8 - 10 × 3 - 4 µm; gelatinised, and hyaline cuticular hairs.

**Habitat:** isolated specimens in open dry sclerophyll and rain forests.

**Notes:** This fungus has been collected previously in the Bunya Mountains and recorded as *X. radicata*. The utriform cheilocystida and small globose spores are distinctive.

**Collections examined:** PL9309, Peach Trees, Jimna State Forest, P. Leonard, 19 March 2009, QMS P39, Paradise Falls Track, Bunya Mountains National Park, Noreen Baxter, 28 March 2009.

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