

## *Tetrapyrgos nigripes*



*Tetrapyrgos nigripes* © Megan Prance

**Cap:** convex; 10 - 20 mm diameter; rugulose, powdery; chalk white at first developing an olivaceous sepia (1F2-6) colour from centre.

**Stipe:** central, tapering to base; 10 - 15 × 2 mm; white at apex, black at base; insititious, caulocystidia at apex, glabrous below.

**Flesh:** very thin, tough, white, staining black on bruising.

**Gills:** white, decurrent; wavy; 18 - 24 reach stipe, lamellulae intercalated in two rows.

**Spore print:** white.

**Spores:** nodulose and triangular in vertical section, diamond shaped in horizontal section; 7.5 × 7.5 × 7.5 µm in vertical section, 9 - 10.5 × 7 - 9 µm in horizontal section.

**Cheilocystidia:** numerous, clavate but irregular; 20 - 30 × 7.5 - 10 µm.

**Pileipellis:** irregular trichoderm of nodulose hyphae with ends capitate and often branched; with clamps present.

**Habitat:** growing in troops on wood in rainforest and wet sclerophyll forests.

**Notes:** the powdery white cap, wavy decurrent gills and black and white insititious stipe are good clues to the identity of this fungus in the field. The nodulose spores that are triangular in one view and diamond shaped in the other confirm its identity.

**Collections examined:** QMS8409, Pooh Corner, South Brisbane, Megan Prance, 5 April 2009.