

## *Cystangium* sp PL 1040418



*Cystangium* sp PL 1040418 © Pat Leonard

**Cap:** bilobed hemispherical, secotoid; up to 20 mm diameter; minutely velutinate, brownish grey (6C2, 6C3).

**Stipe:** tapering, cylindrical, inserted; 15 × 3 mm; rough; blackish brown.

**Gills:** secotoid, completely enclosed; white to slightly greyish lamellae.

**Flesh:** moist, white with a faint greyish tinge.

**Smell:** not distinctive.

**Chemical characters:**

**Spore print:** white.

**Spores:** globose; 17 – 23 µm, average 19 µm; with a thick wall; ornamentation faintly amyloid, mostly parallel low ridges but a few cross striae/ridges, so not appearing reticulate.

**Basidia:** ellipsoid; 50 × 30 µm; 4-spored.

**Cystidia type 1:** two types of cystidia; narrowly lageniform; 170 – 190 × 8 – 11 µm; thick walled.

**Cystidia type 2:** clavate; 60 – 80 × 16 – 20 µm; thick walled.

**Pileipellis:** hymeniderm?

**Habitat:** growing on a muddy bank in dry sclerophyll forest with Eucalyptus and other myrtaceous trees.

**Notes:** this appears to be a *Cystangium* but does not fit readily with any of the species in Lebel's review of the genus.

**Collections examined:** PL1040418, Obi Obi track, Montville, David Holdom, 20 Apr 2018.

