

## *Lepiota* sp PL86310



*Lepiota* sp PL86310 © Pat Leonard

**Cap:** applanate with a small central umbo; 40 – 60 mm diameter; central disc glabrous and mid-brown, remainder of cap powdery white with small brown squamules arranged in  $\pm$  concentric rings.

**Stipe:** cylindrical with a small emarginate bulb at the base; 70  $\times$  5 mm; glabrous; white; with an upturned ring about 2/3rds of the way up the stipe.

**Gills:** free; crowded, white.

**Flesh:** thin, white.

**Taste:**

**Spores:** white; oblong; 4.5 – 6  $\times$  2.5 – 3  $\mu$ m, Q = 1.6 – 2; hyaline, inamyloid.

**Basidia:** narrowly clavate, four spored.

**Cheilocystidia:** narrowly clavate; 30 – 40  $\times$  8 – 10  $\mu$ m; lateral walls partly thickened; with dextrinoid (?) or pale brown contents.

**Pleurocystidia:** not observed.

**Pileipellis:** a hymeniderm of rounded and elongated cells.

**Habitat:** on litter in a rainforest habitat dominated by picabean palms.

**Notes:** this distinctive small *Lepiota* appears to be common in rainforest habitats. The umbonate white cap with small brown squamules, upturned ring and emarginate bulb would appear to be good field characters. The spores are small and not dextrinoid. None of the species in Aberdeen match this collection.

**Collections examined:** PL86310, Palm Grove National Park, Mount Tamborine, Pat Leonard, 21 March 2010.