

## *Heimiomyces* sp



*Heimiomyces* sp © Pat Leonard

**Cap:** centrally depressed, umbilicate; 10 – 20 mm diameter; smooth; dull yellow (3A8, 4A8); margin crenulate in some older specimens.

**Stipe:** cylindrical to tapering, hollow; 20 – 25 × 2 – 3 mm; velutinous, viscid; cream, dull yellow.

**Gills:** subdecurrent; some anastomosing, pale yellow.

**Flesh:** thin, yellow.

**Spore print:** white.

**Spores:** ellipsoid, lachrymose; 8.5 – 10 × 4.5 – 5.5 µm, average 9.2 ± 0.6 × 4.9 ± 0.5 µm; Q = 1.9; strongly amyloid, smooth.

**Basidia:** clavate; 30 – 40 × 6 – 8 µm; four-spored.

**Cheilocystidia:** lageniform, utriform.

**Pleurocystidia:** absent.

**Pileipellis:** an ixocutis of gelatinised hyphae 4 – 6 µm wide.

**Habitat:** in Wallum heathland on wood in sandy ground that is often flooded due to poor drainage.

**Notes:** a yellowish-brown cap, pale velutinous stipe, subdecurrent gills growing on dry wood could be a *Heimiomyces*. Horak lists six species of *Heimiomyces* in the region (PNG and New Zealand) although none are recorded from Australia. Closest to *H. neovelutipes* but not an exact match. There is still some disagreement between taxonomists on the validity of the genus and the number of species within it. Retained as *Heimiomyces* sp.

**Collections examined:** PL1940318, Marcus Beach, Noosa N.P., Pat Leonard, 30 Mar 2018.