

# *Clitopilus* sp 1

*Clitopilus* sp 1 © Pat Leonard

**Cap:** plano-convex to appanate; 10 – 15 mm diameter; velutinate and radially fibrillose; pale blue grey (23D4) becoming brown with a blueish tinge (9D4?); margin scalloped.

**Stipe:** cylindrical but somewhat flattened in the central part; 12 – 15 × 2 – 4 mm; velutinate; pale blue grey (23D4); fibrillose attachment to substrate.

**Gills:** adnate to shallowly adnexed; 20 – 24 reaching stipe; pale cream becoming pink as the spores mature, edge deep blue (19D8) like those of *Entoloma serratum*.

**Flesh:** thin, white.

**Smell:** not distinctive.

**Spore print:** pink.

**Spores:** ellipsoid, lachrymose; 4 – 6 × 3 – 4 µm; with pustulose (bumpy) exterior typical of a *Clitopilus*.

**Basidia:** narrowly clavate; 20 – 25 × 4 – 5 µm, four-spored.

**Cheilocystidia:** narrowly clavate; 20 – 35 × 4 – 5 µm; with dark granular contents.

**Pleurocystidia:** not observed.

**Pileipellis:** a trichoderm.

**Habitat:** growing on the top of a dead termite mound in a coastal forest dominated by *Eucalyptus grandis* and *Allocasuarina littoralis*.

**Notes:** the spore print suggested that this collection was in the genus *Entoloma*, section cyanula but the small pustulose spores and the substrate suggest the genus *Clitopilus*. There is, however, no species in that genus that is this small or that possesses gills with a deep blue edge.

**Collections examined:** PL1010521, Arthur Harrold Reserve, Noosa North Shore, Susie Webster, 26 May 2021.