

Entoloma sp 'blue grey'



Entoloma sp 'blue grey' © Judy Hewitt

Cap: convex with a broad umbo. 45 – 60 mm diameter; glabrous; greyish violet (17E5) becoming dark violet grey (17F3) as it matures; cap margin inrolled.

Stipe: cylindrical, narrowing toward base, tough; 55 – 70 × 8 – 12 mm; strongly longitudinally fibrillose; sordid white, browning somewhat with age, with a white 'sock' at the base.

Gills: sinuate; moderately crowded; off-white at first, becoming pink as the spores mature; lamellulae in two intercalated series.

Flesh: firm, white.

Smell: faint, cucumber?

Spore print: dusky pink.

Spores: angular, hexagonal; subisodiametric; 8 – 10 × 8 – 10 µm, Q = 1.05 – 1.10; thick-walled; apiculus prominent.

Basidia: narrowly clavate; 45 – 55 × 8 – 12 µm; with granular contents; four-spored.

Cheilocystidia: absent.

Pleurocystidia: strongly clavate; 50 – 60 × 10 – 16 µm; with granular contents.

Pileipellis: an ixocutis.

Habitat: growing on a forest edge of a dry sclerophyll forest with *Eucalyptus*, *Melaleuca* and other species present.

Notes: a robust *Entoloma* with a slate blue-grey umbonate cap, an off-white striate stipe and strongly hexagonal spores should be recognizable. This collection keys to *E. clypeatum* in Noordeloos and Gates, but it is not an exact fit, and it is unlikely that an introduced species would be found in this location although there were *Pinus radiata* planted here in the past.

Collections examined: PL11221, Wappa Dam, Yandina, Judy Hewitt, 11 Dec 2021.