

## *Hygrophorus aff cossus*



*Hygrophorus aff cossus* © Solveig Gilles

**Cap:** conico-convex; 50 mm diameter; smooth, greasy; white with dark grey centre; margin inrolled.

**Stipe:** tapering; 50 – 60 × 6 – 8 mm; glabrous but with a slight pruina; white at apex, greying towards base.

**Gills:** adnexed; moderately thick; lamellulae in 2 series; cream.

**Flesh:** white; tough.

**Smell:** distinctive, strong, goat cheese, burnt rubber.

**Spore print:** white.

**Spores:** ellipsoid; 6.9 – 9.1 × 4.4 – 5.8 μm, average 8.3 ± 0.6 × 5.2 ± 0.4 μm, Q = 1.5 – 1.6, average Q = 1.7 ± 0.07; smooth; amyloid.

**Basidia:** clavate; long, 4 spored.

**Cheilocystidia:** absent.

**Pleurocystidia:** absent.

**Pileipellis:** an ixotrichoderm of thin-walled hyaline hyphae.

**Habitat:** wet sclerophyll forest with *Eucalyptus*.

**Notes:** *Hygrophorus* are recognized by their neat shape, slightly rubbery texture, sticky to greasy caps and gills, and white spores. This one has a pungent smell reminiscent of the European *Hygrophorus cossus*.

**Collections examined:** PL1060617, Linda Garrett Reserve, Mapleton, Jon Atkinson, 24 Jun 2017.