

## *Russula aff foetens*



*Russula aff foetens* © Pat Leonard

**Cap:** convex; 60 – 70 mm diameter; glabrous; yellowish brown; up to ¼ peeling; striate at margin.

**Stipe:** tapering; hollow; 60 × 20 mm; glabrous, white with a tinge of the cap colour.

**Gills:** adnexed; deep; white to cream.

**Flesh:** off white.

**Taste:** bitter, unpleasant.

**Chemical reactions:** FeSo<sub>4</sub> on stipe: salmon; guaiac on stipe base weakly positive, +.

**Spore print:** pale cream.

**Spores:** ellipsoid; 7.6 – 10.2 × 6.4 – 8.1 μm, average 8.4 ± 0.7 × 7.2 ± 0.5 μm, Q = 1.01 – 1.33, average 1.18 ± 0.1; ornamentation of amyloid warts and ridges forming a partial reticulum on occasion.

**Basidia:** cylindrical; 35 – 45 × 7 – 11 μm; four spored.

**Cheilocystidia:** cylindrical; 50 – 65 × 7 – 11 μm; apices mucronate.

**Pleurocystidia:** cylindrical or narrowly fusiform; 70 – 90 × 7.5 – 12 μm; apices mucronate or occasionally broadly rostrate.

**Dermatocystidia:** fusoid, aseptate, 45 – 120 × 8 – 13 μm; staining weakly in SV.

**Pileipellis:** an ixotrichoderm of interwoven hyphae and dermatocystidia.

**Habitat:** growing singly with *Eucalyptus* species in dry sclerophyl forest.

**Notes:** this *Russula* is clearly in the *foetens* group with a yellow brown cap, unpleasant smell and hollow stipe.

**Collections examined:** PL 107310; Dr Roberts Track, Girraween National Park, P. Leonard, 22 March 2010.