

## *Russula* sp 10



### *Russula* sp 10 © Pat Leonard

**Cap:** convex with a central depression; to 60 mm diameter; slightly viscid, glabrous; pale peach (7A3); striate to half radius; hardly peeling.

**Stipe:** cylindrical; 60 × 10 mm; glabrous; white.

**Gills:** adnate; white, no lamellulae.

**Flesh:** white, unchanging.

**Taste:** mild.

**Chemical reactions:** FeSO<sub>4</sub> on stipe:salmon; guaiac on stipe base:

**Spore print:** white.

**Spores:** ellipsoid; 6.5 -7.4 × 5.5 - 7 μm, average 7.1 ± 0.3 × 6.1 ± 0.4 μm, Q = 1.01 – 1.32, average Q = 1.17 ± 0.08; blunt amyloid warts and short ridges joined to form a partial reticulum.

**Basidia:** clavate; 25 - 35 × 10 - 12 μm; four spored.

**Cheilocystidia:** fusiform; thick walled; ± 70 × 10 μm; some with mucronate apices.

**Pleurocystidia:** fusiform; thick walled; 60 - 75 × 9 - 15 μm; some with a septa, some mucronate, extending 25 - 30 μm beyond basidia.

**Dermatocystidia:** absent.

**Pileipellis:** an ixotrichoderm of narrow hyaline hyphae 2 - 3 μm wide.

**Habitat:** growing singly with *Eucalyptus pilularis* in a mixed rainforest habitat.

**Collections examined:** PL 2308, Maroochydoore Bushland Botanic Garden, Buderim, 27 Mar 2008.

**Notes:** a delicate pale peach coloured *Russula* which does not appear to be related to any of the species in Cleland or Grgurinovic. More collections needed.

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