

## *Russula* sp 18 (*wallumi*)



### *Russula* sp 18 © Pat Leonard

**Cap:** convex to planoconvex; 20 - 35 mm diameter; velutinate, becoming aereolate; dark magenta (13F8), paler towards margin (13C5); cap margin entire;  $\frac{1}{4}$  to  $\frac{3}{4}$  peeling.

**Stipe:** cylindrical; 30 × 10 mm; shallowly vertically ridged; glabrous; pale rose.

**Gills:** adnexed; white, some anastomising; lamellulae absent.

**Flesh:** white, unchanging on exposure to air.

**Taste:** mild.

**Smell:** cooked shellfish.

**Chemical reactions:** FeSO<sub>4</sub> on stipe: green; guaiac on stipe base: negative.

**Spore print:** pale cream (IIa).

**Spores:** subglobose; 6 - 7.9 × 5.2 - 6.9 μm, average 7 ± 0.5 × 6.2 ± 0.3, Q = 1.14 (± 0.18); amyloid blunt warts and short ridges, but not reticulate.

**Basidia:** clavate; 25 × 10 μm; four spored; sterigmatata slender to 3 μm long.

**Cheilocystidia:** numerous; langeniform with a rostrate apex; 55 - 60 × 10 - 16 μm.

**Pleurocystidia:** scarce; as cheilocystidia but smaller.

**Dermatocystidia:** clavate; septate; 20 - 65 × 4 - 5 μm; weakly staining in sulphovanillin.

**Pileipellis:** a trichoderm of upright hyphae and dermatocystidia.

**Habitat:** growing in small groups in Wallum heathland under *Callitris columellaris*.

**Notes:** This small red *Russula* is easily identified in the field by its small stature, green reaction with FeSO<sub>4</sub>, reddish magenta cap and pink stipe.

**Collections examined:** PL 30409, Marcus Beach Section, Noosa National Park, Pat Leonard, 10 Apr 09.