

Tricholomopsis “bunya”



Tricholomopsis ‘bunya’ © Pat Leonard

Cap: convex to obtusely conical; 40 - 45 mm diameter; pale yellow background covered in recurved purplish squamules (15D5, 14D5); margin appendiculate.

Stipe: cylindrical, tapering to base, 30 - 6 mm; lower 4/5ths densely striate with striae purplish like cap squamules, to 1/5 pale yellow; insititious.

Gills: in two distinct series, one subdecurrent, the other adnate with a tooth; lamellulae also present; deep yellowish orange (5A5, 5A6).

Flesh: thick, yellow, unchanging.

Spore print: cream.

Spores: ellipsoid; $4.9 - 6.3 \times 3.9 - 5.1 \mu\text{m}$; hyaline, but ochraceous when mounted in water.

Cheilocystidia: numerous, clavate; $\pm 20 \times 5 \mu\text{m}$, hyaline; thin walled.

Pleurocystidia: numerous gloeocystidia, ochraceous in water; fusiform; $\pm 21 \times 7 \mu\text{m}$.

Pileipellis: a cutis with distinct tufts reflecting the squamules.

Habitat: growing insititiously on a small dead branch of *Araucaria bidwilli*.

Notes: There are several earlier reports of *Tricholomopsis rutilans* in Queensland and at least some of those were on Bunya pines. This collection seems very distinct microscopically from European collections of *T. rutilans* and further examination of those collections might be desirable.

Collections examined: