

KEY TO *BOLETELLUS* IN AUSTRALIA

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1. Pileus obviously scaly or becoming scaly AND with marginal veil - - - 2
1. Pileus not scaly (but may become rimose to areolate) and lacking marginal veil - - - 5
 2. Pileus red, with fine scales; stipe surface red; flesh yellow in pileus and stipe, quickly cyanescent in both pileus and stipe, but rufescent/brunnescent in base - - - ***B. cf. emodensis***
[** *Recent DNA inference suggests Australian entities do not align with Asian exemplars – <https://www.studiesinmycology.org/> in Xue et al. 2023. The subfamily *Xerocomoideae*...106: 95–197.]*
 2. Pileus with coarse scales associated with red pigments, or with felty tan to pale brown patches lacking red pigments; flesh yellow in the pileus and quickly cyanescent, white in the stipe and rufescent to brunnescent; stipe surface whitish or sometimes tan to pale brown in age, occasionally red only at the apex or with pale pink flushes downward - - - 3
3. Pileus whitish to tan to pale brown, LACKING red pigment, with flattened felty patches sometimes aging to coarsely flattened or subtruncate, broadly pyramidal scales - - - ***B. dissiliens***
3. Pileus scaly at first or becoming scaly, sometimes those scales becoming pyramidal, with red pigment PRESENT - - - 4
 4. Pink to red pigments lying beneath superficial ochre-colored hyphae that coalesce with age to form scales; stipe lacking any red or pink except possibly at apex; spores lacking cross-striae on the ribs - - - ***B. ananiceps***
 4. Red pigments present at base of scales, these becoming coarse and repent or pyramidal with age and usually with whitish to ochre colored tips; stipe sometimes red at apex and sometimes with pale pink flushes; spores with cross striae on ribs - - - ***B. deceptivus***
5. Pileus flesh and tubes cyanescent - - - 6
5. Pileus flesh and tubes not cyanescent - - - ***B. obscurecoccineus***
 6. Stipe base with mustard-brown colored tomentum - - - ***B. sinapipes***
 6. Stipe base with white tomentum - - - 7
7. Pileus and stipe red; stipe pruinose to fibrillose striate - - - ***B. reminiscens***
7. Pileus brown; stipe red above, brown below, finely scabrous - - - ***B. badiovinosus***