

Buchwaldoboletus sphaerocephalus



Buchwaldoboletus sphaerocephalus © Fran Guard

Cap: hemispherical, 50 - 120 mm diameter; pale lemon-yellow to pale luteous brown, darker at centre, silky tomentose to floccose-tomentose, becoming rust-colour with bruising or age.

Stipe: cylindrical, tapering at base, 40 - 150 × 10 - 50 mm, pale lemon-yellow, concolorous with cap, becoming spotted rust-colour, smooth at apex, minutely granular below.

Tubes: shallow, subdecurrent, pale lemon-yellow, gradually flushed olivaceous brown.

Flesh: pale lemon-yellow often slightly rust-colour, particularly in stem-base and above tubes, becoming greenish blue and/or pale bluish in places on cutting.

Spore print: olivaceous snuff-brown.

Spores: subfusiform to elongate-ellipsoid, ellipsoid in face-view; 5.5 - 8.2 × 3.2 - 4 µm, smooth.

Basidia: clavate; 7 - 10 × 25 - 36 µm; hyaline to slightly honey-colour.

Cystidia: lageniform to fusiform, or sometimes ampulliform, hyaline or deeply coloured, 170/5 × 7.5 - 10 µm.

Pileipellis: a cutis of filamentous hyphae, 3 - 8 µm broad, smooth or slightly scabrate.

Habitat: on coniferous sawdust, trunks and stumps of old pines; generally caespitose.

Frequency: rare.

Notes: easily recognized by the habit, on or around coniferous stumps and debris; also distinguished from *B. spectabilis* by the lack of a cyanescent reaction of the pores to bruising.

Collections examined: AQ797339, Bill Egerton, Montville, 7 Nov 2011.