

Clustered Brown Bolete

Boletus innixus Frost



OVERALL, GILLS, and STALK: Big Branch, 8/19/2011, R. Solem
 TOP: Hammond Schools, 8/25/2010, J. Solem
 CUT SPECIMEN: Big Branch, 8/19/2011, R. Solem
 OVERALL, GILLS, and STALK: Franciscan Friars, 8/2/2014, J. Solem
 SPORES (9.2 – 11.5 X 4.2 – 5.5 µm): Franciscan Friars, 8/2/2014, R. Solem.

Clustered Brown Bolete

[*Boletus innixus*](#)
 Boletaceae

J	F	M	A	M	J	J	A	S	O	N	D
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ID: Grayish-brown, cap cracks in age; bright yellow pores. Club-shaped stalk. Use KOH, NH₄OH, FeSO₄.

Habitat: Solitary, scattered, groups. On ground under hardwoods (oaks).

Cap: 1.1 – 3.1" [3 – 8 cm]
 Reddish-/yellow-/grayish-brown. Cracked in age; dry, viscid when wet. Convex (broadly convex in age). Flesh white.

Pores: Golden yellow (dull yellow in age). Circular/angular (1 – 3/mm; 2 mm in age). Tubes (3 – 10 mm).

Spores: Olive-brown. Elliptical, smooth.

Stalk: 1.1 – 2.4" x 3/8 – 5/8" [3 – 6 cm x 1 – 1.6 cm]
 Yellowish w/ dark brown tones. Often enlarged down, club-shaped then tapered. May show yellow mycellium.

Frequency: Common.

Locations: BIGBR, BRNBR, DANPV, FRANF, HAMVL, HENPV, MANWD, MCHPV, MPENA, NOLAP, PIGTL, RKBRP, ROGOR, SAVPK.

Notes: Mycobank 220421. Franciscan Friars specimen verified by examination of spores by R. Solem. KOH: cap mahogany-red/reddish brown; flesh pale dull pinkish-orange. NH₄OH: cap green flash, then dull orange-red; flesh pale dull pinkish-orange. FeSO₄: cap pale olive, flesh pale gray.

Synonyms: *Aureoboletus innixus*. *Boletus caespictosus*.

References: BBF 340, 365. BRB 123, 297. Bin 63. KUM 118. Phi 274. Roo 327.