

Frost's Bolete
Apple Bolete

Butyriboletus frostii (J.L. Russell) G. Wu,
Kuan Zhao & Zhu L. Yang



OVERALL: Hammond Schools, 8/25/2010, *J. Solem*.
CAP: Gorman NRA, 8/2/2012, *J. Solem*.
PORES and STALK: Hammond Schools, 8/25/2010, *J. Solem*.
PORES w/ DROPLETS: Western Regional Park, 8/17/2011, *R. Solem*.
OVERALL: Ilchester E.S. 7/9/2015, *J. Solem*.
PORES w/ DROPLETS: Gorman NRA, 8/2/2012, *J. Solem*.

Frost's Bolete
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Butyriboletus frostii
Boletaceae

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ID: Cap blackish-red/bright red (fades in age); convex (flat in age); flesh yellow. Pores drab red (paler in age). Stalk reticulate, club-shaped, dark red. Cap and pores stain blue rapidly; stalk slowly.

Habitat: Scattered, groups. On ground in hardwood forests (especially oak).

Cap: 2 – 6" [5 – 15.5 cm]
Blackish-red/bright red (blood-red w/ yellowish spots in age). Whitish bloom becomes smooth (sticky when wet). Convex (flat in age). Margin inrolled when young (upturned in age). Flesh yellowish, rapidly stains blue.

Pores: Dark red (paler in age); often w/ yellow droplets. Rapidly stain blue. Circular (2 – 3/mm). Tubes (6 – 15 mm).

Spores: Olive-brown.

Stalk: 1.6 – 4.8" x 0.4 – 1" [5 – 15.5 cm x 1 – 2.5 cm]
Dark red, often yellowish/white at base. Deeply and coarsely reticulate. Club-shaped (cylindrical in age). Flesh slowly stains blue.

Frequency: Occasional.

Locations: GONRA, HAMVL, WSTRP.

Notes: Mycobank 818399. Ilchester E.S. specimen identified by examination of spores by *R. Solem*.

Synonym: *Boletus frostii*. *Exudoporus frostii*.

References: BBF 339, 365. BRB1 114. BRB2 205. BBH 199. Bin 53. Bni 373. E&S 254. K&M 116. Lin 568, 408. McK 106, 13. M&M 385. Phi 266. Roo 290. Stu 266.



SPORES (14.4-16.0 X 3.6-4.0 µm): Ilchester E.S. 7/9/2015, *R. Solem*. SPORES (14.4-16.0 X 3.6-4.0 µm): Ilchester E.S. 7/9/2015, *R. Solem*.