

Ash-tree Bolete

*Boletinellus meruloides*  
(Schweinitz) Murrill



OVERALL: Hallmark Road, 8/20/2009, R. Solem.  
PORES: Hallmark Road, 8/20/2009, R. Solem.

Ash-tree Bolete

[\*Boletinellus meruloides\*](#)  
Boletaceae

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**ID:** Cap reddish-brown; convex (flat in age). Pores pale yellow, large. Stalk off-center.

**Habitat:** Scattered, groups. On ground under or near ash trees (obligate).

**Cap:** 2 – 4.8" [5 – 12 cm]

Yellowish-/reddish-brown. Dry/slightly sticky. Smooth or w/ tiny fibers. Convex w/ inrolled margin when young; flat to concave/wavy/irregular in age. Flesh yellow, sometimes slowly staining blue-green when cut.

**Pores:** Pale yellow/dull gold. Usually bluing slowly when bruised, gradually discolors reddish-brown. Pores elongated/radially arranged, a little gill-like (1/mm or larger). Tubes (3 – 6 mm).

**Spores:** Olive-brown. Oval/nearly round, smooth.

**Stalk:** 0.8 – 1.6" x 0.2 – 1" [2 – 4 cm x 6 – 25 mm]

Apex color like pores, lower color like cap. Lacks glandular dots; bruises red-brown. Nearly equal; often curved, off-center.

**Frequency:** Occasional.

**Locations:** EBERT, GONRA, ORRBB.

**Synonym:** *Gyrodon meruloides*.

**Notes:** Mycobank 100148. Hallmark (Clarksville) record identified by examination of spores by R. Solem. *B. meruloides* is symbiotic with *Meliarhizophagus fraxinifolii*, the "leafcurl ash aphid." The mushroom forms sclerotia that surround and protect the aphid; in exchange, the aphid's honeydew gives nutrients to the fungus.

**References:** Bar 161. BBF 336, 10. BBH 198. Bni 380. BRB1 187. BRB2 82. BRBD 230, 54. E&S 241. K&M 191. Kuo. Lin 564, 452. M&M 353. Phi 275. Roo 321. Stu 282.



SPORES (8.1-9.5 X 6.2c-7.8 µm):  
Hallmark Road, 8/20/2009,  
R. Solem.