

Chestnut Bolete

Gyroporus castaneus (Bullard) Quelet



OVERALL: Henryton, PVSP, 8/25/2010, *R. Orr*.
 SIDE: Western Regional Park, 8/21/2010, *J. Solem*.
 PORES and STALK: Western Regional Park, 8/21/2010, *J. Solem*.
 SIDE: Western Regional Park, 8/21/2010, *J. Solem*.
 TOP: Sucker Branch, 8/20/2010, *J. Solem*.
 SPORES: (8.8-10.0 x 5.2-5.6 μ m): Sucker Branch, 8/20/2010, *R. Solem*.

Chestnut Bolete

Gyroporus castaneus
 Boletaceae

J	F	M	A	M	J	J	A	S	O	N	D
					--+	+++	+++	++-	++-		

ID: Chestnut color, rounded cap; velvety/smooth. Margin may split in age. Pores whitish. Stalk brittle.

Habitat: Solitary, scattered, groups. On ground in mixed hardwood/conifer forests.

Cap: 1.1 – 4" [3 – 10 cm]
 Chestnut-/yellow-/orange-brown. Rounded/broadly convex (flat/slightly depressed in age). Finely velvety/nearly smooth. Dry. Margin often splits/flares in age. Flesh white, brittle.

Pores: Whitish/buff/yellowish. Circular (1 – 3/mm). Tubes (5 – 8 mm).

Spores: *Pale yellow/buff*. Ellipsoid, smooth.

Stalk: 1.1 – 3.5" x 1/4 – 5/8" [3 1/4 cm x 6 – 16 mm]
 Color of cap or lighter at apex. Surface uneven, lacks reticulation. Thicker in middle; thinner at base. Stuffed but hollow in age. Brittle.

Notes: Cap stains yellow, then bleaches white w/ KOH; stains amber-orange w/ NH₄OH.

Frequency: Abundant.

Locations: BENBR, BIGBR, BRNBR, CASCT, CEDLP, DANPV, FRANF, GONRA, HAMVL, HENPV, HIRIP, LONGC, MCHPV, MCLUR, MPENA, OTHER, PIGTL, ROBNC, ROGOR, SLMLP, SUKBR, TUFTS, UMDCF, WINTR, WSKPV, WSTRP.

Notes: Mycobank 356881.

References: BBF 350, 368. BBH 200. Bni 383. BRB1 189. BRB2 209. BRBD 231, 54. E&S 257. K&M 196. Lin 575, 384. M&M 367. Phi 274. Roo 331. Stu 275.