

Granular-dotted Bolete

Suillus granulatus
(Linnaeus) Roussel



SIDE and TOP: Big Branch, 9/7/2009, J. Solem.
 PORES and STALK: Big Branch, 10/16/2008, J. Solem.
 TOP: Browns Bridge, 10/16/2008, J. Solem.
 GLANDULAR DOTS ON STALK: Schooley Mill Park, 10/12/2010, J. Solem.
 SIDE: Guilford Park, 10/5/2012, J. Solem.
 PORES, STALK: Guilford Park, 10/5/2012, J. Solem.
 SPORES (5.7-6.6 X 2.9-3.2 µm): Big Branch, 9/7/2009, R. Solem.

Granular-dotted Bolete

Suillus granulatus
Boletaceae

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

ID: Cap variable (tan to orangish-cinnamon), broadly convex; flesh stains yellow in age, not blue. Pores whitish/pale yellow (deeper yellow in age). Stalk whitish (yellowish in age) covered w/ copious pinkish/ brownish dots/smears. Use KOH, NH₄OH, and FeSO₄.

Habitat: Scattered, groups. On ground under pines.

Cap: 2 – 4.8" [5 – 12 cm]

Variable (tan, brown, cinnamon, orangish-cinnamon). Sticky/shiny when fresh. Broadly convex, Margin even, lacks veil remnants. Flesh (13 mm) pale, slowly stains yellow in age, does not stain blue.

Pores: Whitish/pale yellow (deeper yellow in age). Stains/ages dull cinnamon. Attached. Irregular (1/mm). Tubes (4 – 10 mm).

Spores: Light brown/reddish-brown. Oblong or tapered slightly to apex.

Stalk: 1.6 – 3.1" x 0.3 – 1" [4 – 8 cm x 1 – 2.5 cm]

Whitish (yellowish in age, especially at top). Covered w/ conspicuous pinkish-tan/brownish glandular dots/smears. Cylindrical/tapers down. Solid.

Frequency: Fairly common.

Locations: ANNRK, BIGBR, BRNBR, DFWMA, FRANF, GUIPK, HAMVL, LONGC, MCLUR, RIVHL, RKBRP, ROGOR, SLMLP.

Notes: Mycobank 291277. Browns Bridge specimen identified by examination of spores by R. Solem. Cap: olive/olive-gray w/ KOH; bruish-gray w/ NH₄OH or FeSO₄. Flesh: pinkish-brown w/ KOH; pinkish-orange (then bluish-purplish w/ orange border) w/ NH₄OH; olive-gray w/ FeSO₄. Stalk: purplish-brown w/ KOH or NH₄OH; dark green w/ FeSO₄. Pores: rusty-orange (then rapidly purplish-brown) w/ KOH; rusty orange w/ NH₄OH; olive-green w/ FeSO₄.

Synonym: *Boletus granulatus*.

References: Bar 174. BBF 355, 369. BBH 214. Bni 409. BRB1 237, 335. BRB2 333. E&S 266. K&M 366. Lin 584, 376. M&M 358. Phi 290. Roo 336. Stu 291.