None



OVERALL: Big Branch, 8/21/2009, *R. Solem*. TOP: Pigtail, 8/27/2009, *R. Solem*. FERTILE SURFACE: Pigtail, 8/27/2009, *R. Solem*. SPORES (7.4-8.4 X 4.9-7.4 μm; all from same spore print): Big Branch, 8/21/2009, *R. Solem*. None

**ID**: Cap rusty-red; velvety; flat (depressed in age). Fertile surface grayish-tan spines. Stalk orange (darker in age); cylindrical/ irregular. Strong odor.

**Habitat**: Solitary, scattered. On ground usually in conifer forests, occasionally in hardwoods.

**Cap**: 1 – 4" [2.5 – 10 cm]

Orange/rusty-red. Flat (depressed in age), occasionally fused w/ other caps or w/ aborted mini-caps on top of main cap. Surface velvety (but often ridged/bumpy), dry. Flesh dull brown, zoned, tough and fibrous. Unpleasant odor when cut.

**Fertile Surface**: Grayish-tan/reddish-brown (darker brown in age); covered w/ crowded spines (1.5 – 2.5 mm). Upper flesh, soft and corky.

**Stalk**: 3/8 - 3/4" x 3/8 - 3/4" [1 - 2 cm x 1 - 2 cm]Orarange (rusty-/dark-brown in age) cylindrical/somewhat irregular, sometimes spongy near base.

Spores: Brown/gray-brown.Roundish, strongly warted.

Frequency: Occasional.

Locations: BIGBR, PIGTL, ROGOR.

**Notes:** Mycobank 100859. Big Branch specimen identified by examination of spores by R. Solem.

**References**: BBH 293. BRBD 203, 47. Kuo. Lin 431, 479. M&M 406. Phi 320. Stu 393.