



OVERALL: Cascade Trail, 4/13/2011, *R. Solem.* OVERALL: Cascade Trail, 4/13/2011, *R. Solem.* OVERALL: Cascade Trail, 4/13/2011, *J. Solem.*

Barometer Earthstar

<u>Astraeus hygrometricus</u> Diplocystidiaceae

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

ID: Brownish rays w/ grayish spore case; closes in dry weather.

Habitat: Solitary/scattered/groups. Sandy soil, may grow on moss.

Fruiting body: 1.5 - 3.5" wide x 0.4 - 1" high [4–9 x 1–2.5 cm] <u>Outer surface</u>: Yellow-/reddish-brown to grayish/nearly black; rough; breaks into 6 - 12 star-like rays. <u>Inner surface</u>: often finely cracked.

Spore case: 0.4 - 1" [1 - 2.5 cm]

Whitish/grayish/grayish-brown. Nearly round/slightly flattened. Somewhat roughened. Single irregular pore.

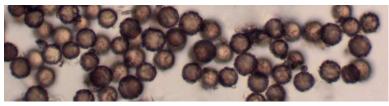
Spores: White (dark brown, powdery in age).

Frequency: Uncommon Locations: CASCT.

Notes: Mycobank 122550. Specimens in photos 2 & 3 were moved.

References: Bar 91. BBF 451, 458. BBH 323. Bni 339. BRBD 309, 81.

E&S 339. Lin 837, 638. M&M 463. Phi 335. Stu 416.



SPORES (9.0-18.8 [round] µm):Cascade Trail, PVSP, 4/14/2011. R. Solem.