

**19. *Sedecula pulvinata* sp. nov.**

Fructificationes pulvinatae, 2-6 cm. crassae, 1-3 cm. altae, superficie glabra vel granulosa, alba vel griseola; peridio tenaci, coriaceo, superne 2-3 mm. crasso, inferne tenui subevanescentique, peridii crassi marginibus leviter involutis, parenchymaticis, albidis, cellulis magnis compositis; glebae parietibus magnis in centrum a peridiis vergentibus; gleba atra, pulverascenti; basidiis clavatis, 2-sporigeris, sterigmatibus brevibus; sporis obscure brunneis, ovoideis vel subellipsoideis vel irregularibus, breve pedicellatis,  $23-26 \times 13-16.2 \mu$ .

Fructifications pulvinate, 2-6 cm. broad, 1-3 cm. high, surface smooth to granular, white to grayish (FIGS. 3, 4); peridium tough, leathery, 2-3 mm. thick above, thin and almost evanescent below, margin of thicker peridium usually somewhat rolled under so as sometimes to elevate the basal or under side having the thinner peridial cover, composed of whitish parenchyma of large cells with heavy gelatinized walls; larger partitions of the gleba (plates) extend centripetally to unequal depths toward the base and center from the peridium with which they have unbroken connection and the same structure; gleba black except for the whitish partitions (plates), becoming powdery at maturity; basidia narrow-clavate, 2-spored; sterigmata about as long as the spores, slender; spores dark-brown (black in mass), ovoid to somewhat ellipsoid or irregular, usually very short-pedicellate,  $23-26 \times 13-16.2 \mu$  (FIG. 5).

Under Shasta Fir duff, elevation 7000 feet on Mt. Shasta, Siskiyou county, California, *W. B. Cooke*, No. 10,307, type, Sept. 16, 1938. (In Cooke Herb. and in Zeller Herb. No. 8497.)

**20. *ABSTOMA RETICULATUM* Cunningham.**

Under Cypress, Point Lobos near Pacific Grove, Monterey county, Calif. Two collections were taken by Dr. Gertrude S. Burlingham, Jan. 6 and Mar. 26, 1937.

It is of interest to give this first report of a species of *Abstoma* from America, the genus having been reported before from Australia and New Zealand only. Dr. G. H. Cunningham, author of the genus, says in verification of our identification of one of the California collections, "I should refer it with confidence to *A. reticulatum*."

**21. *CALVATIA TATRENSIS* Hollos.**

Hat Point about 23 miles above Imnaha, Wallowa county, Oregon; collected by Dr. D. P. Rogers, July 27, 1939.