

correct for color so far as the Pacific Coast specimens are concerned. The writer had it named as new in Herb. for several years, but Lange's illustration has caused me to refer it to *A. robusta*.

#### 8. *Lepiota atrodisca* sp. nov.

Pileo e subconico-hemisphaerico plano-expanso, umbonato, 2-5.5 cm. lato, umbone squamuloso, primo "mouse-gray," denique "sooty-black," superficie cetera subalbida inter squamulos atros imbricatos fibrillosos, margine fere striato denique cuticula radiatim rimosa; carne alba, tenui, immutata, grata sapore et inodore; lamellis liberis, ventricosis, albis, 3-5 mm. crassis, acie minute serrulatis, in margine cystidiis clavatis praeditis; stipite gracili, 3-5 mm.  $\times$  5-12 cm., subaequali, glabro, albo, denique sordido, cavo vel fibrillis farcto; annulo superiore, persistente, supra albo, infra brunneo, sed atro-marginato, membranaceo; sporis ellipsoideo-ovoideis, levibus,  $7 \times 4 \mu$ . Gregaria, ad terram in silvis densis coniferis, Alsea, Oregon Amer. bor.

*Pileus* 2-5.5 cm. broad, hemispheric, subconic to plano-expanded, umbonate, umbo squamulose, "mouse gray" in young specimens, becoming finally "sooty black," surface breaking into small fibrillose scale, concolorous with the umbo, giving a general smoke gray color because of the almost white surface between; margin sometimes almost striate, cuticle slightly splitting and receding at margin; flesh white, unchanging, thin; taste pleasant, odor none; gills free ventricose, 3-5 mm. broad, edges slightly serrate; stem slender, 3-5 mm.  $\times$  5-12 cm., equal to somewhat smaller above, smooth, white, finally sordid where touched, inside white, hollow stuffed with fibrils; annulus membranous, white above, brownish below with a blackish margin, superior, persistent; spores white in mass, ellipsoid-ovoid, smooth,  $7 \times 4 \mu$ ; cystidia on edge of gills clavate, not particularly characteristic.

Gregarious on side hills in rather dense forest of *Pseudotsuga taxifolia* with a few *Corylus* bushes near, Alsea Valley. November 13, 1934. Collected by Gertrude S. Burlingham and S. M. Zeller (O. S. C. Herb. No. 8997, type).

#### 9. *Lepiota oculata* Lange & Zeller, sp. nov.

Pileo 1.2-1.8 cm. lato, e convexo subplano-expanso, leviter umbonato, submembranaceo; superficie cetera alba, cericea-fibrillosa inter squamulos densos rubello-brunneos piloso-fibrillosos, constituentes prope umbonem cuticulam subcontinuum; margine membranaceo, fimbriatulo et leviter rimoso; lamellis liberis, confertis, angustis, albis, in margine cellis capillaribus vel subcapitatis (apicibus circa  $5 \mu$  crassis) praeditis; stipite albo, 3.5 cm.  $\times$  1.5-2 mm., subglabro, super annulum leviter floccoso; annulo albo, superiore,