

*Cranial characters.*—Skull similar to that of *L. lemmus* but slightly smaller; braincase smaller and less flattened; zygomata less widely spreading; angle of mandible much less everted; upper incisors heavier (broader). Compared with *nigripes* from the Pribilof Islands the differences are more marked: skull decidedly smaller and less massive; nasals much shorter and smaller; rostrum more slender; frontals not elevated into tubercles anteriorly; *bullæ* larger (more broadly inflated); angle of jaw much smaller and less everted. Molar series shorter.

*Measurements.*—Type specimen (measured from alcohol by C. H. M.): total length 115; tail vertebræ 15; hind foot 18.

LEMMUS YUKONENSIS sp. nov. Yukon Lemming.

*Type* from Charlie Creek, Yukon River, Alaska. No. 98849 ♀ ad. U. S. National Museum, Biological Survey Collection. Aug. 9, 1899. W. H. Osgood. Orig. no. 769.

*Characters.*—Size small, ears relatively large; general color dark anteriorly, with bright fulvous or rufous rump and flanks; *audital bullæ* immense.

*Color.*—Head, shoulders, and anterior half of back grayish brown, grizzled with black and yellowish fulvous, darkest on top of nose; rump and hinder part of back rich rusty fulvous or orange fulvous; lower sides and belly golden fulvous; deepest and brightest on flanks; sides of nose grayish or grayish brown; a band of golden fulvous on lower part of face from nose to below ear; fore and hind feet dusky; tail bicolor, dusky above, buffy below.

*Cranial characters.*—Skull very different from any species known to me: braincase (seen from above) large, broad, and *produced posteriorly* to cover the enormously enlarged bullæ; frontal narrow inter-orbitally, with a narrow median sulcus, but not 'pinched in' as in *L. alascensis*; rostrum small; zygomata squarely set but not widely spreading, the sides parallel; interparietal large, usually pentagonal; incisive foramina rather short; *bullæ* remarkably large and strongly inflated.

*Measurements.*—(From well made dry skin:) total length 130; tail vertebræ 17; hind foot 19.5.

ERETHIZON EPIXANTHUS MYOPS subsp. nov.

Alaska Porcupine.

*Type* from Portage Bay, Alaska Peninsula. No. 59140 ♀ old, U. S. National Museum. September 1893. Chas. H. Townsend.