

darker posteriorly; rest of animal (including nose, cheek, feet and tail) yellowish white with indistinct fulvous markings as follows: a patch on each side posteriorly, one on pectoral region, reaching up on sides of neck to ears, and a ring around (but not reaching) base of tail; a dark brownish median stripe reaching from middle of back to ring around tail.

*Cranial characters*.—Skull similar to that of *unalascensis* in general form, form of zygoma and jugal, and in enamel pattern, but smaller, and differing from all known species in the bullæ, which are very *small and narrow*; incisive foramina short; molars small and rather narrow, but not quite so narrow as in *richardsoni*.

*Measurements*.—Type specimen (measured from alcohol by C. H. M.): total length 118; tail vertebræ 13; hind foot 18.

DICROSTONYX RICHARDSONI sp. nov. Churchill Lemming.

*Type* from Fort Churchill, Hudson Bay. No. 54181 ♂ ad. Merriam Collection. July 1859. W. MacTavish.

*Characters*.—Size large; fur long and silky; 3d nail of forefoot much larger than 4th; bullæ *broadly rounded and somewhat depressed*.

*Color*.—Type specimen in winter pelage: silky white all over.

*Cranial characters*.—Skull large; zygomata very broad and squarely spreading; rostrum and nasals long, frontals rather narrow inter-orbitally; bullæ *depressed, broadly and roundly inflated*. Molar series *narrow*; enamel pattern as in *nelsoni* and *unalascensis* (not as in *hudsonius*).

This species resembles *nelsoni* but differs from all others in the small size and narrowness of the molar teeth, and is distinguishable at a glance from *all* known species by the broadly rounded and rather depressed bullæ.

*Measurements*.—Type specimen (measured from alcohol by C. H. M.): total length 143; tail vertebræ 14; hind foot 20.

LEMMUS ALASCENSIS sp. nov. Point Barrow Lemming.

*Type* from Point Barrow, Alaska. No. 54182 ♀ ad. Merriam Collection.

*Characters*.—Size medium (slightly smaller than either *lemmus* or *nigripes*); ears smaller than in *nigripes*; feet and nose pale.

*Color*.—Type specimen (in alcohol) from Point Barrow, and a skin (alcoholic) from St. Michaels: entire animal golden fulvous, darkest on head, where it is mixed with black hairs; brightest on sides, where it is almost orange fulvous; palest on feet and around mouth.