

Characters.—Size large; tail rather short; coloration strikingly peculiar: bicolor in winter; tricolor in summer; the drab brown of back restricted to a sharply defined dorsal area in strong contrast to paler color of sides, which in winter is silvery, in summer overlaid with a brownish wash. The only related species having the same pattern is the larger and very much darker *S. richardsoni*, whose sides are never silvery.

Color.—*Summer pelage* (tricolor): top of head and broad dorsal area brown (usually drab brown); flanks and sides abruptly paler, usually pale buffy brown; underparts soiled whitish; tail above brown, becoming dusky all round at tip, below buffy. *Winter pelage* (bicolor): dorsal area drab brown, darkest posteriorly; flanks, sides, and underparts silvery whitish in striking contrast. Owing to the much greater length of fur in winter the animal appears larger.

Cranial characters.—Skull and teeth (3d unicuspid larger than 4th) as in *S. richardsoni*, but slightly smaller; constriction slightly broader; large premolar and unicuspidate series smaller and shorter.

Measurements.—Type specimen: total length 108; tail vertebrae 32; hind foot 13. Average of ten adults from type locality: total length 108; tail vertebrae 32; hind foot 13 (the same as the type).

SOREX PERSONATUS ARCTICUS subsp. nov. Arctic Shrew.

Type from St. Michaels, Alaska. No. 99305 ♀ ad. U. S. National Museum, Biological Survey Collection. Sept. 14, 1899. W. H. Osgood. Orig. no. 910.

Similar to *personatus* but slightly larger; tail larger; color much paler, particularly on underparts, which in both summer and winter pelages are conspicuously whiter. In summer pelage the upperparts are pale drab brown, the underparts ashy whitish. In winter pelage the fur is much longer and fuller; the upperparts dusky brownish with a fine 'pepper and salt' appearance; the underparts (encroaching on flanks) silvery whitish with only the palest buffy suffusion, and this sometimes absent. The skull is slightly longer than in *personatus*; the unicuspidate teeth decidedly larger.

Contrasted with subspecies *streatori*, which it resembles in size, it differs markedly in coloration, being very much paler both above and below, and lacking entirely the brownish fulvous wash on the underparts.

Measurements.—Type specimen: total length 108; tail vertebrae 39; hind foot 12. Average of ten adults from type locality: total length 103; tail vertebrae 37; hind foot 12.