

PROCEEDINGS
OF THE
BIOLOGICAL SOCIETY OF WASHINGTON

TWO NEW POCKET GOPHERS OF THE GENUS
THOMOMYS.

BY VERNON BAILEY.

A critical study of the genus *Thomomys* shows two well marked forms hitherto unnamed. One of these, from the yellow pine plateaus of northern New Mexico, is large and dark; the other, from the bottoms of hot desert basins of western Nevada, is large and pale. Both belong to the *aureus* group but mark its opposite extremes.

***Thomomys apache* sp. nov.**

Type from Lake La Jara (7,500 feet altitude), on the Jicarilla Apache Indian Reservation, New Mexico. Number 135,366, ♂ adult, U. S. National Museum, Biological Survey Collection. Collected September 19, 1904, by James H. Gaut. Original number 3289.

General characters.—Size large, hind foot 33-34; colors dark; hind feet and tip of tail conspicuously white.

Color.—Upper and lower parts nearly uniform dull, sooty gray, slightly washed with dull buffy ochraceous; back with an ill-defined stripe of blackish; basal half to three-quarters of tail brownish or blackish, the rest abruptly white; hind feet white; lips usually and chin rarely white.

Skull.—Heavy, angular and ridged, similar in form and general characters to that of *aureus*; bullae full and rounded; pterygoids U-shaped; nasals normally with slightly emarginate, doubly rounded posterior tips; upper incisors white tipped and decurved at right angles to axis of skull.

Measurements.—Type, total length, 250; tail vertebrae, 85; hind foot, 34. Adult female topotype, 229; 74; 33. *Skull* of type, basal length, 41; nasals, 14; zygomatic breadth, 28; mastoid breadth, 23; alveolar length of upper molar series, 8.5.

***Thomomys canus* sp. nov.**

Type from Deep Hole, at north end of Smoke Creek Desert, Nevada. No. 78,365, ♂ adult, U. S. National Museum, Biological Survey Collec-

tion. Collected May 14, 1896, by Clark P. Streator. Original number 5169.

General characters.—Size of *aureus* or a little larger, hind foot 30-33; colors ashy or pale buffy gray; lower parts white.

Color.—Upper parts pale buffy gray, with dusky ear-patch and brownish nose; lower parts, feet and tail whitish.

Skull.—Like that of *aureus*, but palate flat instead of arched between the molar series; interparietal larger and more quadrate; bullæ slightly larger; anterior points of frontals less acute.

Measurements.—Type, total length, 242; tail vertebræ, 64; hind foot, 33. Adult female from type locality, 215; 64; 30. *Skull* of type, basal length, 41; nasals, 15; zygomatic breadth, 28; mastoid breadth, 23; alveolar length of upper molar series, 9.

Remarks.—In color *canus* closely resembles the gray phase of its near neighbor, *nevadensis*, but in cranial characters it shows close relationship with *aureus*.