# PROCEEDINGS

OF THE

# BIOLOGICAL SOCIETY OF WASHINGTON

#### TWO NEW AMERICAN PIKAS.

BY N. HOLLISTER.

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Specimens of the two new species of *Ochotona* herewith described have been in the collection of the United States National Museum for many years. The recent acquisition of relevant material and the identification of all the American specimens in the group, have shown the necessity of recognizing additional forms.

## Ochotona levis sp. nov.

Type from Chief Mountain Lake, Montana. Adult Q, skin and skull. U. S. National Museum, No.  $\frac{1}{2}\frac{2}{2}\frac{0}{2}\frac{0}{4}\frac{0}{1}$ . Collected August 24, 1874. Dr. Elliott Coues. Orig. No. 4593.

General characters.—Size small; skull decidedly smaller than that of Ochotona princeps, O. cuppes, or O. saxatilis. Coloration most like O. princeps; but fresh coat, especially on cheeks and sides, lighter, with more yellowish-buff.

Color.—Head and upperparts of body light buffy brown, paler on nape; cheeks and sides of neck brighter rufous; area behind ears light buff. Color of back blending through lighter brownish-buff of sides to cream buff of underparts; breast often washed with rufous. Hands, above and below, cream buff; feet buff above, with soles somewhat dusky.

Skull smaller than in any of the neighboring forms.

Measurements of type.—Head and body, 168 millimeters; tail vertebræ, 10. Skull of type compared with skull of adult female Ochotona princeps from head of Smoky River, Alberta, the latter in parentheses: Greatest length, 41.7 (44.2); condylobasal length, 39 (41.2); zygomatic breadth, 20.5 (21.6); nasals, 13.6 (14); alveolar length of upper tooth row, 8 (8.5).

Remarks.—Eight specimens of Ochotona levis are in the collection; five from the type locality, one from the Belt Mountains, Montana, and two from the Bitter Root Mountains, Idaho. The species is at once distin-

guishable from *cuppes* or *princeps* on the north, and from *saxatilis* on the south, by the small size of the skull, together with the slight, but constant color differences.

### Ochotona uinta sp. nov.

Type from Uintah Mountains, Utah. Adult, skin only. U. S. National Museum, No. 9750. Collected September 28, 1870. F. V. Hayden. Orig. No. 567.

General characters.—Differs widely from Ochotona cinnamomea in the comparatively uniform color of the upperparts, without gray on head, shoulders, and ears. More generally brownish than O. saxatilis, with less yellowish-buff and black in coloration.

Color.—Upperparts from head to tail uniform clay color, finely lined with darker brown; head darker than back; underparts cream buff. Hands and feet yellowish buff. Ears dark brown, edged with buff and with tuft of buff colored hairs inside.

Remarks.—The peculiar color of this new species at once distinguishes it from all other American pikas. The close color resemblance to Ochotona bedfordi of Asia is remarkable. Three specimens from the type locality, all in full fall pelage, are at hand; but, unfortunately, all are without skulls. An old, faded, specimen from the Wasatch Mountains, Utah, is probably of the same form.



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