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PRELIMINARY DIAGNOSES OF NEW MAMMALS OBTAINED
BY THE YALE-NATIONAL GEOGRAPHIC SOCIETY
PERUVIAN EXPEDITION

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BY OLDFIELD THOMAS, BRITISH MUSEUM

By arrangement with the authorities of the Yale-National Geographic Society Peruvian Expedition the United States National Museum has submitted to me for working out the very fine collection of mammals made by Mr. Edmund Heller during the year 1915. This material was obtained at localities lying between Lat. $12^{\circ} 30'$ and $13^{\circ} 30'$ S., Long. 72° and 73° W., in the region of Cuzco, Peru. The following are preliminary diagnoses of the new forms. A full account of the collection will be published in due course.

MICRORYZOMYS, subg. nov. of **ORYZOMYS**

Teeth very small. Zygomatic plate not projected forwards.

Genotype.—*Oryzomys minutus* Tomes.

ORYZOMYS (MICRORYZOMYS) AURILLUS, sp. nov.

Near *Oryzomys dryas*, but color duller and ears longer.

Head and body of type 83 mm.; tail 134; hindfoot 22.5; ear 15.5. Skull, greatest length 23.5.

Habitat.—Torontoy.

Type.—Female. U. S. Nat. Mus. No. 194795; original number 255.

HESPEROMYS FRIDA, sp. nov.

Large, with comparatively long tail. Supraorbital ridges little divergent.

Head and body of type 102 mm.; tail 91; hindfoot 19; ear 18. Skull, greatest length 26.7.

Habitat.—Chospyoc, 10,000 feet.

Type.—Female. U. S. Nat. Mus. No. 194779; original number 96.

HESPEROMYS CARILLUS MARCARUM, subsp. nov.

Duller colored than true *carillus*; tail white above; soles more hairy.

Head and body 82 mm.; tail 46; hindfoot 17.7. Upper molar series 3.7.

Habitat.—Lauramarca.

Type.—Brit. Mus. No. 3. 2. 9. 8. Coll. O. Garlepp.

THOMASOMYS NOTATUS, sp. nov.

Size medium. Dark dorsal stripe present. Metatarsus with dark patches.

Head and body 128 mm.; tail 155; hindfoot 27; ear 18.5. Skull greatest length 33.

Habitat.—Torontoy, 9,500 feet.

Type.—Male. U. S. Nat. Mus. No. 194548; original number 173.

THOMASOMYS GRACILIS, sp. nov.

Similar to *Thomasomys bæops* but smaller; about the smallest of the genus.

Head and body 82 mm.; tail 120; hindfoot 21.5; ear 16. Skull, greatest length 26.1.

Habitat.—Matchu Picchu, 12,000 feet.

Type.—Male. U. S. Nat. Mus. No. 194816; original number 321.

THOMASOMYS DAPHNE, sp. nov.

Size small; ears short. Incisors unusually thrown forward.

Head and body 92 mm.; tail 133; hindfoot 23.5; ear 16. Skull, greatest length 27.7.

Habitat.—Ocobamba Valley, 9,100 feet.

Type.—Female. U. S. Nat. Mus. No. 194902; original number 521.

AKODON SURDUS, sp. nov.

Allied to *Akodon mollis* but more stoutly built, and darker in color, without tinge of buffy.

Head and body 110 mm.; tail 80; hindfoot 22.5; ear 16. Skull, greatest length 28.

Habitat.—Huadquiña, 5,000 feet.

Type.—Male. U. S. Nat. Mus. No. 194663; original number 835.

CHRÆOMYS INORNATUS, sp. nov.

Near *Chræomys pulcherrimus*, but ears smaller and bullæ and special markings reduced.

Head and body 122 mm.; tail 80; hindfoot 24.5; ear 16. Skull, greatest length 30.

Habitat.—Ollantaytambo, 13,000 feet.

Type.—Female. U. S. Nat. Mus. No. 194685; original number 457.

MICROXUS TORQUES, sp. nov.

Near *Microxus mimus*, but the zygomatic plate broader.

Head and body 102 mm.; tail 94; hindfoot 22.3; ear 17. Skull, greatest length 28.

Habitat.—Matchu Picchu, 10,000 feet.

Type.—Male. U. S. Nat. Mus. No. 194607; original number 276.

LAMA VICUGNA MENSALIS, subsp. nov.

Size slightly less than in true *vicugna* and teeth much smaller. Color more strongly fulvous.

Greatest length of skull 240 mm.; length of molars 45.

Habitat.—Peru and Bolivia; type from Incapirra, Junin, Peru, 17,700 feet.

Type.—Male. Brit. Mus. No. 97. 10. 3. 18. Coll. J. Kalinowski.

OROLESTES, gen. nov. (CENOLESTIDÆ)

Like *Canolestes*, but with various differences in dentition, of which the most noticeable is that the canine is short, double-rooted, and shaped like a premolar.

Genotype.—*Orolestes inca*, new species.

OROLESTES INCA, sp. nov.

Dark brown above, rather paler below. Size and general appearance about as in *Canolestes fuliginosus*.

Head and body 120 mm.; tail 108; hindfoot 22; ear 15. Greatest length of skull 33.

Habitat.—Torontoy, 14,000 feet.

Type.—Male. U. S. Nat. Mus. No. 194401; original number 248.