

A. MYONOMES, Coues (ex Rafinesque), Proc. Ac. Philad. 1874, p. 189. "Back upper molars with *two* external triangles and a posterior crescent; middle upper molar with *two* inner triangles; front lower molar with *three* internal and *two* or *three* external lateral triangles" (Coues). Claws of fore feet not larger than those of hind feet; soles of latter with *six* tubercles.

1. *A. mexicanus*. Upper parts dark brown, washed on the sides with rufous; lower parts grey, tinged on the breast with yellow; feet dusky. Ears moderate, hairy, with a well-developed antitragus. Tail hairy, indistinctly bicolorous, somewhat longer than the hind foot. Length of head and body about 4".25, of tail 1".00 to 1".15, of hind foot 0".72.

B. PITYMYS, McMurtrie, Amer. ed. of Cuvier's Règn. An. i. p. 434 (1831, fide Baird). "Back upper molar with *one* external angle and a posterior trefoil; middle upper molar with *one* internal angle; front lower molar with *two* internal and *one* external triangle" (Coues). Claws of fore feet longer than those of hind feet; soles of latter with *five* tubercles; fur fine, glossy.

2. *A. pinetorum*. Upper parts brown, more or less tinged with rufous; lower parts silvery grey; tail shorter than the head, but distinctly longer than the hind foot. Length of head and body about 3".60, of tail 0".70, of hind foot 0".63.

3. *A. quasiater*. Upper parts almost black, shaded with dark chestnut, and passing into the blackish ash of the lower parts. Tail little longer than the hind foot. Length of head and body about 4".33, of tail 0".70, of hind foot 0".66.

It may here be observed that the Musquash or Musk-Rat, *Fiber zibethicus* (Schreber), is found in New Mexico and Arizona; but we have no evidence of its existence within our present limits.

### 1. *Arvicola mexicanus*.

*Arvicola* (*Hemiotomys*) *mexicanus*, de Saussure, Rev. et Mag. Zool. 1861, p. 3 (descr. orig.)<sup>1</sup>.

*Hab.* MEXICO (*de Saussure*<sup>1</sup>), San Juan (*Rébouch, Mus. Brit.*), Tehuantepec (*Boucard, Mus. Brit.*).

It is with great hesitation that I provisionally retain this Vole as specifically distinct from the well-known *Arvicola riparius*, Ord, of North America. M. de Saussure's short diagnosis, quoted below\*, is all that has yet been published on the subject, so far as I am aware; and it appears to have escaped the keen research of Dr. Elliott Coues. Mr.

\* "Medius, supra fuscus, subtus cinerascens, pilis cinereis, apice fuscis. Auriculæ sat magnæ, fimbriatæ, antitrigo magno. Vibrissæ capite breviores, fusæ. Pedes antici paulo longiores posteriorum dimidio; postici elongati, subtus basi pilosi, tuberculis 6 instructi, quorum posticus magnus, penultimus minutus [sic]. Ungues anteriores posterioribus haud majores. Cauda brevissima, pedibus posticis paulo longior at capite brevior. Corporis longitudo 0.110; caudæ 0.019; pedis postici 0.016."