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# Catalog of Type Specimens of Recent Mammals:

Rodentia (Myomorpha,  
Anomaluromorpha, and  
Hystricomorpha) in the National  
Museum of Natural History,  
Smithsonian Institution

*Robert D. Fisher and Craig A. Ludwig*

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## ABSTRACT

Fisher, Robert D. and Craig A. Ludwig, Catalog of Type Specimens of Recent Mammals: Rodentia (Myomorpha, Anomaluomorpha, and Hystricomorpha) in the National Museum of Natural History, Smithsonian Institution. *Smithsonian Contributions to Zoology*, number 642, vi + 125 pages, 2014.—The type collection of Recent mammals in the Division of Mammals, National Museum of Natural History, Smithsonian Institution, contains 945 specimens bearing names of 931 species-group taxa of Rodentia (Myomorpha, Anomaluomorpha, and Hystricomorpha) as of August 2013. This catalog presents an annotated list of these holdings comprised of 905 holotypes, 16 lectotypes, 8 syntypes (48 specimens), and 2 neotypes. In addition, we include 44 specimens that are part of syntype series that should be in the collection but cannot be found or are now known to be in other collections. One hundred and ten of the names are new since the last type catalog covering these suborders A lectotype for *Mus peruvianus* Peale, 1848, is newly designated herein. Nine specimens previously reported were subsequently sent to the vertebrate paleontology collection and are not included here. Suborders and families are ordered as in Carleton and Musser; within families, currently recognized genera are arranged alphabetically; within each currently recognized genus, accounts are arranged alphabetically by original published name. Information in each account includes original name and abbreviated citation thereto, current name if other than original, citation for first use of current name combination for the taxon (or new name combination if used herein for the first time), type designation, U.S. National Museum catalog number(s), preparation, age and sex, date of collection and collector, original collector number, type locality, and remarks as appropriate. Digital photographs of each specimen will serve as a condition report and will be attached to each electronic specimen record.

Cover images: Holotype of *Evotomys ungava* V. Bailey, 1897 (USNM 186492). Left to right: dorsal, lateral, and ventral views of cranium. Photographs by R. Regan.

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# Catalog of Type Specimens of Recent Mammals: Rodentia (Myomorpha, Anomaluromorpha, and Hystricomorpha) in the National Museum of Natural History, Smithsonian Institution

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## INTRODUCTION

The Division of Mammals, National Museum of Natural History (NMNH), Smithsonian Institution, formerly the United States National Museum (USNM), maintains the second largest collection of mammal primary types in the world, numbering 3,220 specimens. Type specimens are “the international standards of reference that provide objectivity in zoological nomenclature,” and as such, “every institution in which name-bearing types are deposited should publish lists of name-bearing types in its possession or custody” (International Commission on Zoological Nomenclature, 1999:79).

This is the fourth type catalog of USNM mammals published to date, following Lyon and Osgood (1909; 1,415 specimens reported), Poole and Schantz (1942; 2,824 specimens reported), and Fisher and Ludwig (2012; 843 specimens reported for the Order Rodentia, suborders Sciuromorpha and Castorimorpha). However, we continue to deviate from the two earlier catalogs and follow the precedent set by the NMNH Division of Fishes (Vari and Howe, 1991) and Division of Amphibians and Reptiles (Reynolds et al., 2007), as continued by Fisher and Ludwig (2012), in which the type collection is divided into smaller, more manageable taxonomic reports, rather than addressed in one monograph. The current work, the second of an anticipated four such publications, completes the order Rodentia (suborders Myomorpha, Anomaluromorpha, and Hystricomorpha).

## CATEGORIES OF NAME-BEARING TYPES INCLUDED

Specimens included in this catalog are one of the following as defined by the International Code of Zoological Nomenclature (International Commission on Zoological Nomenclature, 1999; hereafter ICZN).

*Holotype.* The single specimen upon which a new nominal species-group taxon is based in the original publication (Article 73.1).

*Syntype.* Any one of the multiple specimens on which a species-group name is equally based when no holotype was specified in the original publication and no subsequent designation of a lectotype has been published (Article 73.2). Syntypes are referred to as cotypes in Lyon and Osgood (1909) and Poole and Schantz (1942) as well as in other early literature.

*Lectotype.* One specimen selected from two or more specimens upon which a species-group name is originally based and designated in a publication subsequent to the original description to become the unique name bearer (Article 74.1).

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**Robert D. Fisher**, U.S. Geological Survey, Patuxent Wildlife Research Center, National Museum of Natural History, Smithsonian Institution, Washington, D.C. 20013-7012, USA; **Craig A. Ludwig**, Division of Mammals, Department of Vertebrate Zoology, National Museum of Natural History, Smithsonian Institution, Washington, D.C. 20013-7012, USA. Correspondence: [fisherr@si.edu](mailto:fisherr@si.edu); [ludwigc@si.edu](mailto:ludwigc@si.edu). Manuscript received 26 March 2013; accepted 17 September 2013.

*Neotype*. A specimen chosen as the name bearer of a species-group taxon if no holotype, lectotype, syntype, or prior neotype is believed to be extant (Article 75.1).

#### RESEARCH APPROACH

In the early 1970s, accounts from a copy of Poole and Schantz (1942) were physically cut out and pasted onto 5 × 7 index cards to create a master card file of types. Additional cards were created and added to the file as new taxa were described and their types installed in the collection. We checked the information on each card against the original description, the original skin label (when present), and the field catalog entry (when available). Information on each index card, often annotated by hand, thus served as the nucleus of each of the accounts. Other unpublished catalogs, such as the Museum Catalog, Merriam Collection Catalog, and X-Catalog, were consulted as needed.

Authors in Wilson and Reeder (2005) are followed for currently accepted names unless an online search of Zoological Record uncovered a more recent taxonomic arrangement. In the taxonomic order presented herein (see the next section), this search was conducted through November 2011 for the beginning accounts and December 2012 for the later accounts. Each specimen record in the collection database was corrected as needed to reflect new information. The type publication citation was added to the electronic record if not already present.

Digital images will be created for each specimen and will include dorsal, lateral, and ventral views of crania; dorsal and lateral views of mandibles; dorsal and ventral views of skins (lateral if possibly diagnostic); and both sides of all labels. All images will feature a metric scale bar. Additional views will be included if deemed appropriate. For lateral images, the traditional view of the left aspect will be presented, except for skulls whose right side is more complete because of damage on the left. We will record specimen damage not captured in these images in the associated metadata when readily apparent but will not inspect specimens for minute damage. Images will be uploaded to the specimen database as they become available and can be accessed via the Internet (<http://collections.mnh.si.edu/search/mammals/>). Images will be created in the order in which accounts are presented. We anticipate it will take about four years for all images to be completed for specimens in this catalog. These images will not only serve as indicators of specimen condition but also will allow researchers to verify certain characters of a type without having to visit the USNM and handle the specimens, thereby providing a convenience to researchers and minimizing possible damage to irreplaceable specimens.

#### CLASSIFICATORY ORGANIZATION

Suborders and families are sequentially arranged following Carleton and Musser (2005). Within families, currently recognized genera are arranged alphabetically. Within each currently recognized genus, the accounts are arranged alphabetically by original published name.

#### FORMAT OF ACCOUNTS

We follow the format set by Fisher and Ludwig (2012) with two exceptions. Type locality is now set apart, as a subheading, as is remarks, where appropriate.

Each account reads as follows:

- Original published name: genus, species, and subspecies in bold followed by the author's or authors' names.
- Abbreviated type citation: Publication, volume, page, and date of publication. Dates are given as day, three-letter abbreviation for month, and year throughout.
- Currently recognized name: Genus, species, and subspecies, if different from the original published name, followed by the citation for the first use of current name combination for the taxon. Author names in parentheses indicate the generic name used in the original description is different than the current one. The statement "new name combination" replaces the citation if the name is used for the first time herein. Unless more recent authors are cited, current usage follows the authors in Wilson and Reeder (2005): *Myomorpha* (Holden and Musser, 2005; Musser and Carleton, 2005), *Anomaluromorpha* (Dieterlen, 2005), and *Hystriomorpha* (Woods and Kilpatrick, 2005). The aforementioned authors of the sections covering *Myomorpha* and *Anomaluromorpha* did not employ currently recognized subspecies and listed them as synonyms of unspecified rank of the genus and species to which they are currently assigned. We give a recent citation or two for their use where appropriate, primarily for North and Central American taxa.
- Type designation (holotype, lectotype, neotype, or syntype): USNM catalog number(s), preparation of specimen, age and sex, date collected and collector(s) name(s), and original number, which is usually the field number.
- Type locality: Exact locality as given in the original description or lectotype designation, published restrictions, and supplementary data. Abbreviations are used for miles (mi), kilometers (km), feet (ft), and meters (m).
- Remarks: As needed, but especially to explain types designated prior to becoming part of the USNM collection and reasons for considering certain specimens to be types when not specified as such in the original publication.

We have made every effort to distinguish information that was included in the original description from that added later from other sources. Added information, such as amended or restricted localities, is given with citations. Brackets are used to identify supplementary data not contained in the original description and, when not from commonly used sources such as maps or online gazetteers, are attributed to a collector's Field Catalog (FC), the Smithsonian Institution's Museum Catalog (MC), the Merriam Collection Catalog (MCC), the skin label (SL), the X-Catalog (XC), or a citation. Parentheses are placed around metric equivalents and current place-names when this information was not included in the original publication.

In the early years of the USNM a double-number cataloging system was used in which skins and alcoholics were entered in one catalog and skeletal material in another. Many older specimens therefore have two numbers associated with them, and the proper museum record is indicated by a fraction such as 23651/31045. In this example, the numerator on a skin label indicates 23651 as the skin to which skull 31045 belongs; on the associated skull label, 31045/23651, the numerator indicates 31045 as a skull to which the skin 23651 belongs. This cataloging system was abandoned at the end of 1892, after which a single, continuous numbering system was implemented for all specimen parts. The new system was initiated in January 1893, beginning with number 50001. The C. Hart Merriam private collection (MCC), donated to the USNM in 1911 and mentioned in many accounts, also used the double-numbering system.

Finally, the X-Catalog requires explanation. Beginning with the Biological Survey and continuing with the Fish and Wildlife Service, specimens incidentally acquired through exchange or purchase or received from or collected by persons other than permanent staff were entered in this catalog prior to being transferred to the Division of Mammals for cataloging; X-Catalog numbers are identified with an “-X” suffix. The X-Catalog thus served as an ersatz field catalog, and its entries frequently have data (referenced as XC) that were never entered into the museum catalog or onto skin labels. The first entry in the X-Catalog was in 1896 and the last was on 5 October 1951.

#### ACKNOWLEDGMENTS

We thank Robert P. Reynolds, U.S. Geological Survey (USGS) Patuxent Wildlife Research Center, NMNH, and Kristofer M. Helgen, Division of Mammals, NMNH, the supervisors of Fisher and Ludwig, respectively, for support and encouragement to undertake this project. Funds to purchase the photographic setup, in order of significance, were provided by Carol E. Butler, assistant director for collections, NMNH; Don E. Wilson, chair, Department of Vertebrate Zoology, NMNH (since retired); and Robert P. Reynolds, to whom we are thankful. We are greatly indebted to David F. Schmidt, Division of Mammals, NMNH (since retired), with support from Linda K. Gordon, Division of Mammals, NMNH (since retired), who spent a considerable amount of time researching photographic equipment and methods, ordered the equipment, and set up the photographic lab. Advice on photographic equipment, setup, and technique was graciously provided to David by Melvin J. Wachowiak and Elizabeth Webb, Museum Conservation Institute, Smithsonian Institution; Roy and Jason Larimer, Visionary Digital; and James L. Di Loreto, Office of Imaging and Photographic Services, NMNH. Renee Regan, a contractor working on funds provided by the Smithsonian Institution, Collection Information System, Information Resources Management pool funds, is currently doing photography for our earlier type catalog, and we hope to obtain additional funds to continue photography for the current publication. Alfred L. Gardner, USGS

Patuxent Wildlife Research Center, NMNH, provided valuable insight to numerous taxonomic issues and guidance in interpreting various provisions of the International Code of Zoological Nomenclature. Michael D. Carleton, Division of Mammals, NMNH, and Robert P. Reynolds provided valuable comments that greatly improved the manuscript.

## ACCOUNTS OF NAME-BEARING TYPE SPECIMENS

### ORDER RODENTIA BOWDICH, 1821

### SUBORDER MYOMORPHA BRANDT, 1855

### FAMILY DIPODIDAE G. FISCHER, 1817

### Genus *Allactaga* F. Cuvier, 1837

#### *Allactaga griseescens* Hollister

Smithson. Misc. Collect. 60(14): 2, 29 Nov 1912.

= *Allactaga sibirica* (Forster, 1778). See Ognev (1948:185). Assigned to *A. sibirica* as synonym of unspecified rank by Holden and Musser (2005:877).

Holotype: USNM 175494. Skin and skull. Adult male. Collected 28 Jul 1912 by N. Hollister. Original number 4395.

Type Locality: Chuisaya Steppe, 8 mi (13 km) south of Kosh-Agatch (Kosh-Agach), Siberia [Russia].

#### *Allactaga mongolica longior* Miller

Proc. Biol. Soc. Wash. 24: 54, 24 Feb 1911a.

= *Allactaga sibirica* (Forster, 1778). See Ognev (1948:183). Assigned to *A. sibirica* as synonym of unspecified rank by Holden and Musser (2005:877), but see Shenbrot (1993:105), who considered *longior* a valid subspecies of *A. sibirica*.

Holotype: USNM 155183. Skin and skull. Adult female. Collected 26 Jul 1909 by A. de C. Sowerby. Original number 204.

Type Locality: 15 mi (24 km) northeast of Ching-ning-chow, altitude 6,200 ft (1,890 m), Kansu (Gansu), China.

### Genus *Euchoreutes* Sclater, 1891

#### *Euchoreutes naso alashanicus* A. B. Howell

Proc. Biol. Soc. Wash. 41: 42, 16 Mar 1928.

Holden and Musser (2005:886) listed *alashanicus* as a synonym of unspecified rank; Corbet (1978:158), considered *alashanicus* a valid subspecies.

Holotype: USNM 240764. Skin, skull, and [trunk] skeleton. Adult female. Collected 26 Apr 1923 by F. R. Wulsin. Original number 1054.

Type Locality: Alashan Desert, Inner Mongolia, 100 mi (161 km) north-northwest of Ningsia (Ningxia), Kansu (Nei Monggol), China.

**Genus *Jaculus* Erxleben, 1777**

Subspecies of *Jaculus jaculus* were not recognized by Holden and Musser (2005:884). We follow Corbet (1978:151–152) for the trinomial epithets.

***Jaculus deserti fuscipes* Ranck**

Bull. U.S. Natl. Mus. 275: 226, 2 Oct 1968.

= *Jaculus jaculus jaculus* (Linnaeus, 1758). See Corbet (1978:152).

Holotype: USNM 322761. Skin and skull. Adult female. Collected 3 Dec 1961 by G. L. Ranck. Original number 909.

Type Locality: 7 km S El Gheddahia (Al Qaddahiyah), [Ranck (1968:68): 31°23'N, 15°12'E], Tripolitania Province, Libya.

***Jaculus deserti rarus* Ranck**

Bull. U.S. Natl. Mus. 275: 228, 2 Oct 1968.

= *Jaculus jaculus jaculus* (Linnaeus, 1758). See Corbet (1978:151).

Holotype: USNM 319781. Skin and skull. Adult male. Collected 26 Mar 1961 by H. W. Setzer. Original number 2987.

Type Locality: Ain Zueia (Ayn Zuwayyah), Gebel Uweinat, [Ranck (1968:68): 21°53'N, 24°50'E], Cyrenaica Province, Libya.

***Jaculus deserti vastus* Ranck**

Bull. U.S. Natl. Mus. 275: 230, 2 Oct 1968.

= *Jaculus jaculus jaculus* (Linnaeus, 1758). See Corbet (1978:151).

Holotype: USNM 325837. Skin and skull. Adult male [SL: female]. Collected 29 Apr 1962 by G. L. Ranck. Original number 2116.

Type Locality: Wadi er Rueis (Wadi ar Ru'ays), Gebel el Herug el Asued, Tazerbo Oasis, [Ranck (1968:67): 26°52'N, 18°31'E], Cyrenaica Province, Libya.

***Jaculus jaculus arenaceous* Ranck**

Bull. U.S. Natl. Mus. 275: 234, 2 Oct 1968.

= *Jaculus jaculus jaculus* (Linnaeus, 1758). See Corbet (1978:152).

Holotype: USNM 322812. Skin and skull. Adult male. Collected 9 Feb 1962 by G. L. Ranck. Original number 1624.

Type Locality: Edri (Idri), [Ranck (1968:68): 27°32'N, 13°12'E], Fezzan Province, Libya.

***Jaculus jaculus collinsi* Ranck**

Bull. U.S. Natl. Mus. 275: 236, 2 Oct 1968.

= *Jaculus jaculus jaculus* (Linnaeus, 1758). See Corbet (1978:151).

Holotype: USNM 325797. Skin and skull. Adult male. Collected 15 Apr 1962 by G. L. Ranck. Original number 2039.

Type Locality: Tazerbo Oasis (Tazirbu), [Ranck (1968:67): 25°45'N, 21°09'E], Cyrenaica Province, Libya.

***Jaculus jaculus cufrensis* Ranck**

Bull. U.S. Natl. Mus. 275: 238, 2 Oct 1968.

= *Jaculus jaculus jaculus* (Linnaeus, 1758). See Corbet (1978:151). Holotype: USNM 325785. Skin and skull. Adult female. Collected 2 Apr 1962 by G. L. Ranck. Original number 1898.

Type Locality: El Giof (Al Jawf), Cufra Oasis (Al Kufrah), [Ranck (1968:67): 24°11'N, 23°19'E], Cyrenaica Province, Libya.

***Jaculus jaculus tripolitanicus* Ranck**

Bull. U.S. Natl. Mus. 275: 240, 2 Oct 1968.

= *Jaculus jaculus jaculus* (Linnaeus, 1758). See Corbet (1978:152). Holotype: USNM 325773. Skin and skull. Adult male. Collected 6 Mar 1962 by G. L. Ranck. Original number 1725.

Type Locality: 25 km N Gharian (Gharyan), [Ranck (1968:68): 32°25'N, 13°03'E], Tripolitania Province, Libya.

***Jaculus jaculus whitchurchi* Ranck**

Bull. U.S. Natl. Mus. 275: 242, 2 Oct 1968.

= *Jaculus jaculus jaculus* (Linnaeus, 1758). See Corbet (1978:151).

Holotype: USNM 325807. Skin and skull. Adult male. Collected 18 Jun 1962 by G. L. Ranck [SL: and J. H. Shaw]. Original number GLR 2362.

Type Locality: 10 km S Agedabia (Ajdabiya), [Ranck (1968:67): 30°42'N, 20°19'E], Cyrenaica Province, Libya.

**Genus *Napaeozapus* Preble, 1899*****Napaeozapus insignis frutectanus* Jackson**

Proc. Biol. Soc. Wash. 32: 9, 14 Feb 1919.

Holden and Musser (2005:892) listed *frutectanus* as a synonym of unspecified rank; Hall (1981:847) and Whitaker (1999a:666) recognized *frutectanus* as a valid subspecies.

Holotype: USNM 227349. Skin and skull. Adult male. Collected 6 Sep 1917 by H. H. T. Jackson. Original number 896.

Type Locality: Crescent Lake, Oneida County, Wisconsin.

***Zapus (Napaeozapus) insignis roanensis* Preble**

N. Am. Fauna 15: 35, 8 Aug 1899a.

= *Napaeozapus insignis roanensis* (Preble, 1899). See Miller (1900a:114). Assigned to *N. insignis* as synonym of unspecified rank by Holden and Musser (2005:893); Hall (1981:849) and Whitaker (1999a:666) recognized *roanensis* as a valid subspecies.

Holotype: USNM 66283. [Skin and skull]. Adult male. Collected 22 May 1894 by A. G. Wetherby. Original number [SL: 5].

Type Locality: Magnetic City, foot of Roan Mountain, [Mitchell County], North Carolina.

**Genus *Sicista* Gray, 1827*****Sicista napaea* Hollister**

Smithson. Misc. Collect. 60(14): 2, 29 Nov 1912.

Holotype: USNM 175195. Skin and skull. Adult male. Collected 6 Aug 1912 by N. Hollister. Original number 4427.  
 Type Locality: Tapucha, Altai Mountains, Siberia, [Russia]. Restricted to 5 mi (8 km) south of Tapucha at 6,875 ft (2,096 m) by Hollister (1913a:521).

*Sminthus flavus* True

Proc. U.S. Natl. Mus. 17: 341, 15 Nov 1894a.  
 = *Sicista concolor* (Buchner, 1892). Assigned as synonym of unspecified rank by Holden and Musser (2005:892).  
 Holotype: USNM 20140/35503. Skin and skull. Adult male. Collected [SL and FC: 21] Jul 1891 by W. L. Abbott. No original number.  
 Type Locality: Central Kashmir, 11,000 ft (3,353 m), [Jammu and Kashmir], India.

**Genus *Zapus* Coues, 1874**

Holden and Musser (2005:892) did not recognize subspecies in the species of *Zapus*. We follow various authors for their current use.

*Zapus hudsonius alascensis* Merriam

Proc. Biol. Soc. Wash. 11: 223, 15 Jul 1897a.  
 Hall (1981:842) and Whitaker (1999b:667) recognized *alascensis* as a valid subspecies.  
 Holotype: USNM 73584. [Skin and skull]. Adult male. Collected 5 Jul 1895 by C. P. Streater. Original number 4660.  
 Type Locality: Yakutat Bay, Alaska.

*Zapus hudsonius campestris* Preble

N. Am. Fauna 15: 20, 20 Aug 1899a.  
 King et al. (2006:4345) recognized *campestris* as a valid subspecies.  
 Holotype: USNM 65872. [Skin and skull]. Adult male. Collected 12 Jun 1894 by B. H. Dutcher. Original number 600.  
 Type Locality: Bear Lodge Mountains, [FC: 5,100 ft (1,554 m), Crook County], Wyoming.

*Zapus hudsonius preblei* Krutzsch

Univ. Kans. Publ. Mus. Nat. Hist. 7: 452, 21 Apr. 1954.  
 King et al. (2006:4345) recognized *preblei* as a valid subspecies.  
 Holotype: USNM 73085. [Skin and skull]. Adult male. Collected 23 Jul 1895 by E. A. Preble. Original number 435.  
 Type Locality: Loveland, [FC: 5,000 ft (1,524 m)], Larimer County, Colorado.

*Zapus luteus* Miller

Proc. Biol. Soc. Wash. 24: 253, 23 Dec 1911b.  
 = *Zapus hudsonius luteus* Miller, 1911. See Hafner et al. (1981:501). King et al. (2006:4345) considered *luteus* valid as a subspecies.  
 Holotype: USNM 133601. Skin and skull. Adult female. Collected 24 Jun 1904 by M. Surber. Original number 162.

Type Locality: Espanola, [SL and FC: altitude 5,000 ft (1,524 m)], [Rio Arriba County], New Mexico.

*Zapus luteus australis* V. Bailey

Proc. Biol. Soc. Wash. 26: 132, 21 May 1913.  
 = *Zapus hudsonius luteus* Miller, 1911. See Hafner et al. (1981:509). King et al. (2006:4345) considered *luteus* valid as a subspecies.  
 Holotype: USNM 160731. [Skin and skull]. Young adult female. Collected 23 Aug 1909 by E. A. Goldman. Original number [FC: Nelson and Goldman] 20402.  
 Type Locality: Socorro, [Socorro County], New Mexico.

*Zapus major* Preble

N. Am. Fauna 15: 24, 8 Aug 1899a.  
 = *Zapus princeps oregonus* Preble, 1899. See Krutzsch (1954:370). Hart et al. (2004:1) recognized *oregonus* as a valid subspecies.  
 Holotype: USNM 79983. [Skin and skull]. Adult female. Collected 4 Aug 1896 by C. H. Merriam and V. Bailey. Original number [FC: VB] 5720.  
 Type Locality: Warner Mountains, [FC: altitude 6,500 ft (1,981 m)], [Lake County], Oregon.

*Zapus nevadensis* Preble

N. Am. Fauna 15: 25, 8 Aug 1899a.  
 = *Zapus princeps oregonus* Preble, 1899. See Krutzsch (1954:370). Hart et al. (2004:1) recognized *oregonus* as a valid subspecies.  
 Holotype: USNM 94185. [Skin and skull]. Adult female. Collected 21 Jun 1898 by V. Bailey. Original number 6581.  
 Type Locality: [FC: Near Ruby P O, altitude 9,000 ft (2,743 m)], Ruby Mountains, [Elko County], Nevada.

*Zapus pacificus* Merriam

Proc. Biol. Soc. Wash. 11: 104, 26 Apr 1897b.  
 = *Zapus princeps pacificus* Merriam, 1897. See Krutzsch (1954:412). Hart et al. (2004:1) recognized *pacificus* as a valid subspecies.  
 Holotype: USNM 80445. [Skin and skull]. Young adult male. Collected 29 Aug 1896 by E. A. Preble. Original number 1454.  
 Type Locality: Prospect, Rogue River Valley, [FC: Jackson County], Oregon.

*Zapus princeps minor* Preble

N. Am. Fauna 15: 23, 8 Aug 1899a.  
 Hart et al. (2004:1) recognized *minor* as a valid subspecies.  
 Holotype: USNM 73673. [Skin and skull]. Adult female. Collected 23 Jul 1895 by J. A. Loring. Original number 3123.  
 Type Locality: Wingard, near Carlton House, Saskatchewan, [SL: Canada].

***Zapus princeps oregonus* Preble**

N. Am. Fauna 15: 24, 8 Aug 1899a.

Hart et al. (2004:1) recognized *oregonus* as a valid subspecies.

Holotype: USNM 78156. [Skin and skull]. Adult male. Collected 29 May 1896 by E. A. Preble. Original number 959.

Type Locality: Elgin, Blue Mountains, [FC: Union County], Oregon.

***Zapus tenellus* Merriam**

Proc. Biol. Soc. Wash. 11: 103, 26 Apr 1897b.

= *Zapus hudsonius tenellus* Merriam, 1897. See Hall (1934:377). Hall (1981:844) and Whitaker (1999b:667) recognized *tenellus* as a valid subspecies.

Holotype: USNM 66932. [Skin and skull]. Adult female. Collected 25 Aug 1894 by C. P. Streater. Original number 4196.

Type Locality: Kamloops, British Columbia, [Canada].

***Zapus trinotatus montanus* Merriam**

Proc. Biol. Soc. Wash. 11: 104, 26 Apr 1897b.

Hall (1981:846) and Gannon (1999:670) recognized *montanus* as a valid subspecies.

Holotype: USNM 79863. [Skin and skull]. Adult female. Collected 21 Aug 1896, not 19 Aug as in original description, by E. A. Preble. Original number 1388.

Type Locality: Crater Lake, [Lyon and Osgood (1909:43): Mount Mazama], [FC: Klamath County], Oregon.

**FAMILY SPALACIDAE GRAY, 1821****Genus *Eospalax* G. M. Allen, 1938*****Myotalpa cansus* Lyon**

Smithson. Misc. Collect. 50: 134, 9 Jul 1907a.

= *Eospalax cansus* (Lyon, 1907). See Zheng (1994:62). Specific validity upheld by Zhou and Zhou (2008:290).

Holotype: USNM 144022. Skin and skull. Adult female. Collected 7 May 1906 by W. W. Simpson. Original number 7.

Type Locality: Taocheo, Kan-su (Gansu), northwestern China.

**Genus *Spalax* Guldenstaedt, 1770*****Spalax berytensis* Miller**

Proc. Biol. Soc. Wash. 16: 162, 30 Nov 1903a.

= *Spalax ehrenbergi* Nehring, 1898. See Ellerman (1951:556).

Holotype: USNM 13009/36859. Skin and skull. Adult female. Collected Apr 1878 by W. T. Van Dyck. Original number [SL: 557].

Type Locality: Beyrout (Beirut), [Beyrouth Province], Syria (Lebanon).

***Spalax dolbrogeae* Miller**

Proc. Biol. Soc. Wash. 16: 161, 30 Nov 1903a.

= *Spalax leucodon* Nordman, 1840. See Ellerman (1951:556).

Holotype: USNM 122109. Skin and skull. Adult male. Collected 20 Mar 1903. Collector unknown [MC: Received from W. Schluter, Halle, Germany].

Type Locality: Malcocui, [SL: near Tulcea], Dobrujscha (Dobruja), [Tulcea Province], Rumania (Romania).

**Genus *Tachyoryctes* Ruppell, 1835*****Tachyoryctes rex* Heller**

Smithson. Misc. Collect. 56(9): 4, 22 Jul 1910a.

Holotype: USNM 163088. Skin and skull. Adult male. Collected 7 Oct 1909 by J. A. Loring. Original number 7840.

Type Locality: Western slope of Mount Kenia (Kenya), altitude 10,000 ft (3,048 m), [Kenya].

**FAMILY CALOMYSCIDAE VORONTSOV AND POTAPOVA, 1979****Genus *Calomyscus* Thomas, 1905*****Calomyscus bailwardi grandis* Schlitter and Setzer**

Proc. Biol. Soc. Wash. 86: 163, 31 May 1973.

= *Calomyscus grandis* Schlitter and Setzer, 1973. See Pavlinov et al. (1995:79).

Holotype: USNM 369548. Skin and skull. Adult female. Collected 28 Jun 1965 by R. G. Tuck Jr. Original number 1704.

Type Locality: 11 km ENE Fasham, Teheran (Tehran) Province, Iran.

**FAMILY NESOMYIDAE MAJOR, 1897****Genus *Cricetomys* Waterhouse, 1840*****Cricetomys gambianus enguwi* Heller**

Smithson. Misc. Collect. 59(16): 16, 5 Jul 1912.

= *Cricetomys ansorgei* Thomas, 1904. See Musser and Carleton (2005:932).

Holotype: USNM 181805. [Skin and skull]. Adult female. Collected 13 Nov 1911 by E. Heller. Original number 4741.

Type Locality: [FC: Summit of] Mount Umengo, altitude 5,000 ft (1,524 m), Taita Mountains, [Coast Province], British East Africa (Kenya).

***Cricetomys gambianus osgoodi* Heller**

Smithson. Misc. Collect. 59(16): 16, 5 Jul 1912.

= *Cricetomys ansorgei* Thomas, 1904. See Musser and Carleton (2005:932).

Holotype: USNM 181806. [Skin and skull]. Aged male. Collected 20 Dec 1911 by E. Heller. Original number [SL: 4926], not 7425 as in original description.

Type Locality: Mazeras, [Coast Province], British East Africa (Kenya).

***Cricetomys gambianus raineyi* Heller**

Smithson. Misc. Collect. 59(16): 15, 5 Jul 1912.

= *Cricetomys ansorgei* Thomas, 1904. See Musser and Carleton (2005:932).

Holotype: USNM 181804. [Skin and skull]. Adult male. Collected 31 Aug 1911 by E. Heller. Original number 4187.

Type Locality: [SL: North Creek], Mount Gargues (Uaragess), altitude 6,000 ft (1,829 m), Mathews Range, [Rift Valley], British East Africa (Kenya).

### Genus *Dendromus* Smith, 1829

#### *Dendromus lineatus* Heller

Smithson. Misc. Collect. 56(17): 4, 28 Feb 1911.

= *Dendromus mystacalis* (Heuglin, 1863). See Dieterlen (1971:103).

Holotype: USNM 164816. [Skin and skull]. Adult male. Collected 1 Feb 1910 by J. A. Loring. Original number 8921.

Type Locality: Rhino Camp, Lado [Enclave, Uganda].

#### *Dendromus mesomelas percivali* Heller

Smithson. Misc. Collect. 59(16): 5, 5 Jul 1912.

= *Dendromus insignis* (Thomas, 1903). See Thomas (1916:242).

Holotype: USNM 181791. [Skin and skull]. Adult female. Collected 26 Aug 1911 by A. B. Percival. Original number E. Heller 4100.

Type Locality: [SL: Summit of] Mount Gargues (Uaragess), altitude 7,000 ft (2,134 m) [SL: 7,100 ft (2,164 m)], Mathews Range, [Rift Valley], British East Africa (Kenya).

#### *Dendromus spectabilis* Heller

Smithson. Misc. Collect. 56(17): 3, 28 Feb 1911.

= *Dendromus melanotis* (Smith, 1834). See von Bohmann (1942:51).

Holotype: USNM 164815. [Skin and skull]. Adult female. Collected 18 Jan 1910 by J. A. Loring. Original number 8783.

Type Locality: Rhino Camp, Lado [Enclave, Uganda].

#### *Dendromus whytei capitis* Heller

Smithson. Misc. Collect. 59(16): 6, 5 Jul 1912.

= *Dendromus mystacalis* (Heuglin, 1863). See Musser and Carleton (1993:543).

Holotype: USNM 181792. [Skin and skull]. Adult female. Collected 8 Sep 1911 by E. Heller. Original number 4263.

Type Locality: [SL: Summit of] Mount Lololokui, altitude 6,000 ft (1,829 m), Mathews Range, [Rift Valley], British East Africa (Kenya).

#### *Dendromys nigrifrons* True

Proc. U.S. Natl. Mus. 15: 462, 26 Oct 1892.

= *Dendromus melanotis* (Smith, 1834). See von Bohmann (1942:50).

Lectotype: USNM 19783/35263 as designated by Lyon and Osgood (1909:158). Alcoholic, skull removed. Female. Collected [Lyon and Osgood (1909:158): November] 1889(?)

by W. L. Abbott. [MC: Skin cataloged 26 Sep 1891; skull 25 Sep 1891]. Original number [MC: 10].

Type Locality: Mount Kilima-Njaro (Kilimanjaro), altitude [Lyon and Osgood (1909:158): 5,000 ft (1,524 m)], [Kilimanjaro], East Africa (Tanzania).

Remarks: As explained by Lyon and Osgood (1909:158) and Poole and Schantz (1942:454), a type was not designated by number in the original description, but the skull, USNM 35263, of one of Abbott's five specimens was figured and marked "typical specimen." This is the specimen that Lyon and Osgood (1909:158) regarded as "the type," which constituted designation of a lectotype (ICZN, 1999: Article 74.5).

### Genus *Saccostomus* Peters, 1846

#### *Saccostomus isiolae* Heller

Smithson. Misc. Collect. 59(16): 14, 5 Jul 1912.

= *Saccostomus mearnsi* Heller, 1910. See G. M. Allen and Lawrence (1936:102).

Holotype: USNM 181803. [Skin and skull]. Adult female. Collected 1 Jul 1911 by E. Heller. Original number 1908.

Type Locality: Isiola River, Northern Guaso Nyiro, British East Africa (Kenya).

#### *Saccostomus mearnsi* Heller

Smithson. Misc. Collect. 54(4): 3, 28 Feb 1910b.

Holotype: USNM 162882. [Skin and skull]. Adult male. Collected 28 Nov 1909 by E. A. Mearns. Original number 7292.

Type Locality: Changamwe, [Coast Province], British East Africa (Kenya).

#### *Saccostomus umbriventer* Miller

Smithson. Misc. Collect. 54(5): 1, 28 Feb 1910a.

= *Saccostomus mearnsi* Heller, 1910. See G. M. Allen and Lawrence (1936:102).

Holotype: USNM 162612. Skin and skull. Adult female. Collected 26 Jun 1909 by J. A. Loring [FC: and E. Heller]. Original number [FC: JAL 6447].

Type Locality: Njori Osolali (Sotik), [Rift Valley], British East Africa (Kenya).

### Genus *Steatomys* Peters, 1846

#### *Steatomys athi* Heller

Smithson. Misc. Collect. 54(4): 3, 28 Feb 1910b.

= *Steatomys parvus* Rhoads, 1896. See Coetzee (1977:2).

Holotype: USNM 162883. [Skin and skull]. Adult male. Collected 22 Nov 1909 by J. A. Loring. Original number 8259.

Type Locality: Lukenia Hills, Athi Plains, British East Africa (Kenya).

#### *Steatomys caurinus roseveari* Swanepoel and Schlitter

Bull. Carnegie Mus. Nat. Hist. 6: 73, 7 Nov 1978.

= *Steatomys caurinus* Thomas, 1912. See Musser and Carleton (2005:943).

Holotype: USNM 467496. Skin and skull. Adult male. Collected 22 Mar 1969 by L. W. Robbins. Original number 1106.

Type Locality: Yama, [SL and FC: 9°36'N, 6°18'W], Ivory Coast (Côte d'Ivoire).

## FAMILY CRICETIDAE G. FISCHER, 1817

### Genus *Abrothrix* Waterhouse, 1837

*Akodon (Akodon) llanoi* Pine

Mammalia 40: 63, 16 Jul 1976.

= *Abrothrix olivaceus* (Waterhouse, 1837). See Musser and Carleton (2005:1090).

Holotype: USNM 482144. Skin, skull, and skeleton. Adult male. Collected 2 May 1971 by J. P. Angle and D. Bridge. Original number 187396.

Type Locality: Head of Bahía Capitan Canepa, 54°51'S, 64°27'W, Isla de los Estados (Staten Island), Territorio Nacional de la Tierra del Fuego, Argentina.

*Akodon (Akodon) markhami* Pine

An. Inst. Patagon. 4: 423, 1973 (published Aug 1974).

= *Abrothrix olivaceus markhami* (Pine, 1974). See Rodrigues-Serrano et al. (2008:309) for current use.

Holotype: USNM 501221. Skin and skull. Adult male. Collected 2 Apr 1971 by B. J. Markham. Original number 642.

Type Locality: 1.2 km NWW and 1.2 km NNW Puerto Eden, 49°08'S, 74°27'W, 5–20 m, Isla Wellington, about 600 km NNW [SL: 420 km N, 250 km W] Punta Arenas, Magallanes [Province, Magallanes y de la Antártica Chilena], Chile.

*Chraeomys inornatus* Thomas

Smithson. Misc. Collect. 68(4): 2, 10 Apr 1917.

= *Abrothrix jelskii* (Thomas, 1894). See Musser and Carleton (2005:1089).

Holotype: USNM 194685. Skin and skull. [Poole and Schantz (1942:260): Adult] female. Collected [SL: 20 Jul 1915] by E. Heller. Original number 457.

Type Locality: [SL and FC: Occobamba Pass], altitude 13,000 ft (3,962 m), Ollantaytambo, Cuzco (Cusco), Peru.

### Genus *Akodon* Meyen, 1833

*Akodon surdus* Thomas

Smithson. Misc. Collect. 68(4): 2, 10 Apr 1917.

Holotype: USNM 194663. [Skin and skull]. Adult male. Collected [SL: 28 Oct 1915] by E. Heller. Original number 835.

Type Locality: Huadquina, altitude 5,000 ft (1,524 m), Cuzco (Cusco), Peru.

*Microxus torques* Thomas

Smithson. Misc. Collect. 68(4): 3, 10 Apr 1917.

= *Akodon torques* (Thomas, 1917). See Thomas (1927:370).

Holotype: USNM 194607. [Skin and skull]. Adult male. Collected 28 May 1915 by E. Heller. Original number 276.

Type Locality: [SL and FC: Cedrobamba], Matchu (Machu) Picchu, altitude 10,000 ft (3,048 m) [SL and FC: 12,000 ft (3,658 m)], Cuzco (Cusco), Peru.

## Genus *Alticola* Blanford, 1881

*Alticola acmaeus* Schwarz

Proc. Zool. Soc. London 108: 665, 26 Jan 1939a.

= *Alticola albicaudus* (True, 1894). See Rossolimo and Pavlinov (1992:160).

Holotype: USNM 198530. Skin and skull. Adult male. Collected 18 Oct 1913 by W. L. Abbott. Original number 8282.

Type Locality: Mrobuk, [FC: altitude 14,500 ft (4,420 m)], Phyang Nullah, northwest of Leh, Lakak (Ladakh), [Jammu and Kashmir, India].

*Alticola glacialis* Miller

Proc. Biol. Soc. Wash. 26: 197, 23 Oct 1913a.

= *Alticola argentatus* (Severtzov, 1879). See Rossolimo (1989: 113), who placed *glacialis* in *A. argentatus*; taxon overlooked by Musser and Carleton (2005).

Holotype: USNM 176071. Skin and skull. Adult female. Collected 23 Aug 1912 by W. L. Abbott. Original number 7841.

Type Locality: Chogo Lungma Glacier, [FC: Basha Valley], altitude 11,000 ft (3,253 m), Baltistan [Region, Northern Areas, Pakistan].

*Alticola roylei parvidens* Schlitter and Setzer

Proc. Biol. Soc. Wash. 86: 165, 31 May 1973.

= *Alticola argentatus* (Severtzov, 1879). See Rossolimo and Pavlinov (1992:164).

Holotype: USNM 413551. Skin and skull. Adult male. Collected 28 Sep 1966 by C. J. Phillips. Original number 744.

Type Locality: 20.5 mi (32.99 km) north Dir, 10,400 ft (3,170 m), Dir State (District), [Malakand Division, North-West Frontier], West Pakistan (Pakistan).

*Arvicola albicauda* True

Proc. U.S. Natl. Mus. 17: 12, 8 May 1894b.

= *Alticola albicaudus* (True, 1894). See Hinton (1926:314).

Holotype: USNM 20393/36816. Skin and skull. [Lyon and Osgood (1909:79): Adult] female. Collected 19 Dec 1891 by W. L. Abbott. No original number.

Type Locality: Braldu Valley, [SL: 11,000 ft (3,353 m)], Baltistan [Northern Areas, Pakistan].

*Arvicola montosa* True

Proc. U.S. Natl. Mus. 17: 11, 8 May 1894b.

= *Alticola montosus* (True, 1894). See Hinton (1926:315).



Holotype: USNM 20145/35508. Skin and skull. [Lyon and Osgood (1909:88): Half-grown] male. Collected 4 Oct 1891 by W. L. Abbott. No original number.

Type Locality: Central Kashmir, altitude 11,000 ft (3,353 m), Jammu and Kashmir, [India].

*Aschizomys lemminus* Miller

Proc. Acad. Nat. Sci. Phila. 50: 369, 15 Oct 1898a.

= *Alticola lemminus* (Miller, 1898). See Ognev (1964:472).

Holotype: USNM 9911/37299. Skin, skull, [and dried body]. Adult [MC: male]. Collected by C. W. Baxter, date unknown. [MC: Skin cataloged Jan 1872; skull 29 Apr 1897]. Original number [SL: 423]. Miller (1898a:370) states that the skin was in alcohol for many years.

Type Locality: Kelsey Station, Plover Bay, Bering Strait, [Chukotskiy], Siberia (Russia).

*Microtus acrophilus* Miller

Proc. Acad. Nat. Sci. Phila. 51: 296, 9 Aug 1899a.

= *Alticola stoliczkanus* (Blanford, 1875). See Schwarz (1939a: 663).

Holotype: USNM 62162. Skin and skull. Adult female. Collected 25 Jul 1893 by W. L. Abbott. No original number.

Type Locality: On the Ladak (Ladakh) side of the Kara Korum Pass, altitude 17,000 ft (5,182 m), [Jammu and Kashmir, India].

*Microtus cricetus* Miller

Proc. Acad. Nat. Sci. Phila. 51: 294, 9 Aug 1899a.

= *Alticola stoliczkanus* (Blanford, 1875). See Schwarz (1939a: 663).

Holotype: USNM 84043. Skin and skull. Adult male. Collected 11 Aug 1897 by W. L. Abbott. No original number.

Type Locality: Banks of the Tso Kyun, altitude 16,000 ft (4,877 m), [SL: Rupshu], Ladak (Ladakh) [District, Jammu and Kashmir, India].

## Genus *Arborimus* Taylor, 1915

*Phenacomys albipes* Merriam

Proc. Biol. Soc. Wash. 14: 125, 19 Jul 1901a.

= *Arborimus albipes* (Merriam, 1901). See Johnson and Maser (1982:17).

Holotype: USNM 97236. Skin and skull. Adult male. Collected 24 May 1899 by W. K. Fisher. Original number 821.

Type Locality: Redwoods near Arcata, Humboldt Bay, [Humboldt County], California.

*Phenacomys longicaudus* True

Proc. U.S. Natl. Mus. 13: 303, 15 Nov 1890.

= *Arborimus longicaudus longicaudus* (True, 1890). See Johnson (1968:27); trinomial recognized by Hall (1981:788) under *Phenacomys* and by Carey (1999:622) under *Arborimus*.

Holotype: USNM 19071/34808, not USNM 19071/25883 as in original description. Skin and skull. Collected [MC: Aug] 1890 by A. Todd. No original number.

Type Locality: Marshfield, Coos County, Oregon.

## Genus *Baiomys* True, 1894

*Baiomys musculus grisescens* Goldman

Proc. Biol. Soc. Wash. 45: 121, 30 Jul 1932a.

Subspecies recognized by Hall (1981:723).

Holotype: USNM 257083. [Skin and skull]. Adult female. Collected 6 Mar 1932 by C. F. Underwood. Original number 838.

Type Locality: Comayabuela (Comayagüela), altitude 3,100 ft (945 m), just south of Tegucigalpa [Miller and Kellogg (1955:513): on Rio Grande opposite Tegucigalpa, Francisco Morazan], Honduras.

*Baiomys musculus handleyi* Packard

Univ. Kans. Publ. Mus. Nat. Hist. 9: 399, 19 Dec 1958a.

Subspecies recognized by Hall (1981:723).

Holotype: USNM 275604. Skin and skull. Adult female. Collected 24 Apr 1947 by C. O. Handley Jr. Original number 991.

Type Locality: [FC: Rio Blanco, 6.9 mi (11 km) W] Sacapulus, El Quiché (Quiché), Guatemala.

*Peromyscus allex* Osgood

Proc. Biol. Soc. Wash. 17: 76, 21 Mar 1904a.

= *Baiomys taylori allex* (Osgood, 1904). See Packard (1958b:17); subspecies recognized by Hall (1981:725) and Cameron (1999a:587).

Holotype: USNM 33429/45452. Skin and skull. Adult male [SL and FC: female]. Collected 7 Mar 1892 by E. W. Nelson. Original number [SL: 2029].

Type Locality: Colima, [FC: altitude 1,700 ft (518 m)], Colima, Mexico.

*Peromyscus musculus nigrescens* Osgood

Proc. Biol. Soc. Wash. 17: 76, 21 Mar 1904a.

= *Baiomys musculus nigrescens* (Osgood, 1904). See Miller (1912a:137); subspecies recognized by Hall (1981:724).

Holotype: USNM 76827. [Skin and skull]. Adult female. Collected 9 Dec 1895 by E. W. Nelson and E. A. Goldman. Original number [SL: 8719].

Type Locality: Valley of Comitán, [FC: altitude 5,700 ft (1,737 m)], Chiapas, Mexico.

*Peromyscus taylori analogus* Osgood

N. Am. Fauna 28: 256, 17 Apr 1909a.

= *Baiomys taylori analogus* (Osgood, 1909). See Miller (1912a:137); subspecies recognized by Hall (1981:725) and Cameron (1999a:587).

Holotype: USNM 120261. [Skin and skull]. Adult male. Collected 15 Jan 1903 by E. W. Nelson and E. A. Goldman. Original number [SL: 15764].

Type Locality: Zamora, Michoacan, [SL: Mexico].

***Peromyscus taylori subater* V. Bailey**

N. Am. Fauna 25: 102, 24 Oct 1905.

= *Baiomys taylori subater* (V. Bailey, 1905). See Miller (1912a:137); subspecies recognized by Hall (1981:726) and Cameron (1999a:587).

Holotype: USNM 32616/44539. Skin and skull. Adult female. Collected 25 Feb 1892 by W. Lloyd. Original number 1122.

Type Locality: Bernard Creek, near [FC: 12 mi (19 km) west of] Columbia, Brazoria County, Texas.

***Sitomys musculus* Merriam**

Proc. Biol. Soc. Wash. 7: 170, 29 Sep 1892a.

= *Baiomys musculus musculus* (Merriam, 1892). See Mearns (1907:381); subspecies recognized by Hall (1981:724).

Holotype: USNM 33437/45460. Skin and skull. Adult female [SL and FC: male]. Collected 9 Mar 1892 by E. W. Nelson. Original number 2055.

Type Locality: Near Colima City, [FC: altitude 1,700 ft (518 m)], [SL: Colima], Mexico.

**Genus *Bibimys* Massoia, 1979*****Akodon chacoensis* Shamel**

J. Wash. Acad. Sci. 21: 427, 19 Oct 1931.

= *Bibimys chacoensis* (Shamel, 1931). See Massoia (1980:280).

Holotype: USNM 236239. Skin and skull. Adult male. Collected 20 Jul 1920 by A. Wetmore. Original number [SL: 1059].

Type Locality: [FC: Rio Quia], Las Palmas, Chaco, Argentina.

**Genus *Calomys* Waterhouse, 1837*****Hesperomys frida* Thomas**

Smithson. Misc. Collect. 68(4): 1, 10 Apr 1917.

= *Calomys sorellus* (Thomas, 1900). See Hershkovitz (1962:137).

Holotype: USNM 194779. [Skin and skull]. Female. Collected [SL and FC: 14 Apr 1915] by E. Heller. Original number 96.

Type Locality: [FC: Huarocondo River], Chospyoc, altitude 10,000 ft (3,048 m), [Cusco], Peru.

**Genus *Chelemys* Thomas, 1903*****Notiomys vestitus allenii* Osgood**

Field Mus. Nat. Hist., Zool. Ser. 12: 124, 26 Oct 1925.

= *Chelemys macronyx* (Thomas, 1894). See Reig (1987:363).

Holotype: USNM 84227. [Skin and skull]. Adult male. Collected 8 Feb 1897 by O. A. Peterson. Original number 372.

Type Locality: Upper Rio Chico, [SL: Cordilleros], Santa Cruz, southern Argentina.

**Genus *Dicrostonyx* Gloger, 1841*****Dicrostonyx groenlandicus clarus* Handley**

J. Wash. Acad. Sci. 43: 197, 24 Jun 1953.

Subspecies recognized by Hall (1981:835) and Nagy and Gower (1999:660).

Holotype: USNM 290952. Skin and skull. Old adult male. Collected 16 Jun 1949 by C. O. Handley Jr. Original number 1285.

Type Locality: Near sea level at Cherie Bay, 5.4 mi (9 km) ENE of Mould Bay Station, Prince Patrick Island, District of Franklin, Northwest Territories, Canada, Lat. 76°19'N, Long. 119°02'W.

***Dicrostonyx nelsoni* Merriam**

Proc. Wash. Acad. Sci. 2: 25, 14 Mar 1900a.

= *Dicrostonyx nelsoni nelsoni* (Merriam, 1900). See Honacki et al. (1982:483); subspecies recognized under *D. groenlandicus* by Hall (1981:836) and Nagy and Gower (1999:660).

Holotype: USNM 186500. Skin and skull, originally an alcoholic. Young adult female. Collected on an unknown date by E. W. Nelson. [MC: Received Aug 1879, cataloged 4 May 1885]. Original number [SL: 448].

Type Locality: St. Michaels (Saint Michael), [Norton Sound], Alaska.

Remarks: This specimen, originally cataloged as USNM 14965, was exchanged to the C. H. Merriam collection and became 5488/6163 thereof, the latter of which Merriam cited as the type. It returned to the USNM when the Merriam collection was donated and received its current museum number on 20 Oct 1911.

***Dicrostonyx richardsoni* Merriam**

Proc. Wash. Acad. Sci. 2: 26, 14 Mar 1900a.

Holotype: USNM 186501. [In alcohol, skull removed]. Adult male. Collected Jul 1859 by W. MacTavish. No original number.

Type Locality: Fort Churchill, [Manitoba, Canada].

Remarks: This specimen, originally cataloged as USNM 7756, was exchanged to the C. H. Merriam collection and became 5489/6164, the latter of which Merriam cited as the type. It returned to the USNM when the Merriam collection was donated and received its current museum number on 20 Oct 1911.

***Dicrostonyx unalascensis* Merriam**

Proc. Wash. Acad. Sci. 2: 25, 14 Mar 1900a.

= *Dicrostonyx unalascensis unalascensis* Merriam, 1900. See Nelson (1929:145); subspecies recognized by Hall (1981:837) and Nagy and Gower (1999:660) under *Dicrostonyx groenlandicus*.

Holotype: USNM 99622. [Skull with some hair from pelt from owl pellets]. Adult. Collected 8 Jul 1899 by C. H. Merriam. No original number.

Type Locality: Unalaska [Island, Aleutian Islands], Alaska.

***Dicrostonyx unalascensis peninsulae* Handley**

J. Wash. Acad. Sci. 43: 199, 24 Jun 1953.

= *Dicrostonyx nelsoni peninsulae* Handley, 1953. See Honacki et al. (1982:483); subspecies recognized by Hall (1981:836) and Nagy and Gower (1999:660) under *Dicrostonyx groenlandicus*.

Holotype: USNM 246377. Skin and skull. Old adult female. Collected 8 May 1925 by O. J. Murie. Original number 1993. Type Locality: Near sea level at Urilla Bay, Unimak Island, [Aleutian Islands], Alaska.

***Dicrostonyx unalascensis stevensoni* Nelson**

Proc. Biol. Soc. Wash. 42: 145, 30 Mar 1929.

Subspecies recognized by Hall (1981:837) under *Dicrostonyx groenlandicus*.

Holotype: USNM 235552. [Skin and skull]. Adult female. Collected 14 Dec 1920 by D. H. Stevenson. Original number [SL: 9, 22183-X].

Type Locality: Umnak Island, [Aleutian Islands], Alaska.

### Genus *Euneomys* Coues, 1874

***Euneomys noei* Mann**

Biologica (Santiago, Chile) 1: 95, Sep 1944.

= *Euneomys mordax* Thomas, 1912. See Pearson and Christie (1991:126).

Holotype: USNM 391817. [Skin, skull, and partial skeleton]. Subadult male. Collected 29 Feb 1944 by G. Mann. Original number 179.

Type Locality: Valle de la Junta [SL: La Junta (Lo Valdes)], Cajon del Rio Volcan, 2,400 m [SL: 2,500 m], [Chile].

Remarks: Published as G. Mann number 179; cataloged as USNM 391817 on 8 Dec 1967.

***Euneomys petersoni* J. A. Allen**

Bull. Am. Mus. Nat. Hist. 19: 192, 9 May 1903.

Holotype: USNM 84198. [Skin and skull]. Adult female. Collected 10 Feb 1897 by O. A. Peterson. Original number [SL: 390].

Type Locality: Upper Rio Chico de Santa Cruz, near the Cordilleras, Patagonia (Santa Cruz, Argentina).

### Genus *Geoxus* Thomas, 1919

***Oxymycterus microtus* J. A. Allen**

Bull. Am. Mus. Nat. Hist. 19: 189, 9 May 1903.

= *Geoxus valdivianus* (Philippi, 1858). See Musser and Carleton (2005:1116).

Holotype: USNM 84234. [Skin and skull]. Adult male. Collected 7 Mar 1897 by O. A. Peterson. Original number [SL: 570].

Type Locality: Pacific slope of the Cordilleras near the head of the Rio Chico de Santa Cruz, [Santa Cruz, Argentina].

### Genus *Habromys* Hooper and Musser, 1964

***Peromyscus lepturus* Merriam**

Proc. Biol. Soc. Wash. 12: 118, 30 Apr 1898a.

= *Habromys lepturus* (Merriam, 1898). See Honacki et al. (1982:419).

Holotype: USNM 68612. [Skin and skull]. Adult male. Collected 8 Jul 1894 by E. W. Nelson and E. A. Goldman. Original number 6381.

Type Locality: Mount Zempoaltepec, altitude 8,200 ft (2,499 m), Oaxaca, Mexico.

***Peromyscus lophurus* Osgood**

Proc. Biol. Soc. Wash. 17: 72, 21 Mar 1904a.

= *Habromys lophurus* (Osgood, 1904). See Honacki et al. (1982:419).

Holotype: USNM 77219. [Skin and skull]. Adult male. Collected 30 Dec 1895 by E. W. Nelson and E. A. Goldman. Original number [SL: 8956].

Type Locality: Todos Santos [FC: altitude 10,000 ft (3,048 m)], [Huehuetenango], Guatemala.

***Peromyscus simulatus* Osgood**

Proc. Biol. Soc. Wash. 17: 72, 21 Mar 1904a.

= *Habromys simulatus* (Osgood, 1904). See Honacki et al. (1982:419).

Holotype: USNM 55028. [Skin and skull]. [Lyon and Osgood (1909:137): Adult] [FC: female]. Collected 12 Jul 1893 by E. W. Nelson and E. A. Goldman. Original number [SL: 5224].

Type Locality: [Poole and Schantz (1942:331): Near] Jico, altitude 6,000 ft (1,829 m), Veracruz, Mexico.

### Genus *Hodomys* Merriam, 1894

***Hodomys alleni guerrierensis* Goldman**

J. Wash. Acad. Sci. 28: 498, 15 Nov 1938a.

Subspecies recognized under *Neotoma (Hodomys) alleni* by Hall (1981:772).

Holotype: USNM 70574. Skin and skull. Adult male. Collected 6 Jan 1895 by [E. W.] Nelson and [E. A.] Goldman. Original number 7321.

Type Locality: Acapulco, [SL and FC: near] sea level, Guerrero, Mexico.

***Hodomys vetulus* Merriam**

Proc. Acad. Nat. Sci. Phila. 46: 236, 24 Sep 1894a.

= *Hodomys alleni vetulus* (Merriam, 1894). New name combination; subspecies recognized under *Neotoma (Hodomys) alleni* by Hall (1981:772).

Holotype: USNM 53656. [Skin and skull]. Adult male. Collected 8 May 1893 by E. W. Nelson. Original number 4784.

Type Locality: Tehuacan, [FC: altitude 5,400 ft (1,646 m)], Puebla, Mexico.

***Neotoma alleni* Merriam**

Proc. Biol. Soc. Wash. 7: 168, 29 Sep 1892a.

= *Hodomys alleni alleni* (Merriam, 1892). New name combination; subspecies recognized under *Neotoma (Hodomys) alleni* by Hall (1981:772).

Holotype: USNM 32709/44632. Skin and skull. Adult male. Collected 26 Jan 1892 by E. W. Nelson. Original number 1796.  
Type Locality: Manzanillo, [FC: sea level up to 50 ft (15 m)], Colima, Mexico.

### Genus *Holochilus* Brandt, 1835

#### *Holochilus incarum* Thomas

Proc. U.S. Natl. Mus. 58: 226, 10 Nov 1920a.

= *Holochilus sciureus* Wagner, 1842. See Massoia (1980:286).

Holotype: USNM 194915. [Skin and skull]. Immature female.

Collected 22 Dec 1914 by E. C. Erdis. Original number 22.

Also E. Heller number 581.

Type Locality: Santa Ana, altitude 3,480 ft (1,061 m), Cuzco (Cusco), Peru.

### Genus *Hyperacrius* Miller, 1896

#### *Arvicola fertilis* True

Proc. U.S. Natl. Mus. 17: 10, 8 May 1894b.

= *Hyperacrius fertilis* (True, 1894). See Hinton (1926:324).

Holotype: USNM 20147/35510. Skin and skull. [Lyon and Os-good (1909:85): Adult] female. Collected 30 Aug 1891 by W. L. Abbott. No original number.

Type Locality: Pir Panjal Range, altitude 8,500 ft (2,591 m), [Jammu and Kashmir], Kashmir (India).

#### *Hyperacrius fertilis zygomaticus* Phillips

J. Mammal. 50: 469, 22 Aug 1969.

= *Hyperacrius fertilis* (True, 1894).

Holotype: USNM 413574. Skin and skull. Adult female. Collected 7 Oct 1966 by C. J. Phillips. Original numbers 847; RT-B67290 [SL and FC: FF].

Type Locality: 6 mi (10 km) SW Utror, 8,900 ft (2,713 m), Swat [District, Malakand Division, North-West Frontier], West Pakistan (Pakistan).

#### *Hyperacrius wynnei traubi* Phillips

J. Mammal. 50: 463, 22 Aug 1969.

= *Hyperacrius wynnei* (Blanford, 1881).

Holotype: USNM 413577. Skin and skull. Adult male [SL and FC: both say female]. Collected 13 Oct 1966 by M. Iqbal. Original numbers 422; RT-B67331 [SL and FC: BB].

Type Locality: Yakh Tangai, 6,600 ft (2,012 m) [SL and FC: both say 6,900 ft (2,103 m)], Swat [District, Malakand Division, North-West Frontier], West Pakistan (Pakistan).

#### *Microtus brachelix* Miller

Proc. Acad. Nat. Sci. Phila. 51: 290, 9 Aug 1899a.

= *Hyperacrius fertilis* (True, 1894). See Hinton (1926:335).

Holotype: USNM 63445. Skin and skull. Young adult female.

Collected 15 Nov 1895 by W. L. Abbott. No original number.

Type Locality: Nagmarg, altitude 9,000 ft (2,743 m), [Jammu and Kashmir], Kashmir (India).

### Genus *Ichthyomys* Thomas, 1893

#### *Ichthyomys pittieri* Handley and Mondolfi

Acta Biol. Venezuelica 3: 417, 26 Nov 1963.

Holotype: USNM 342987. Skin and skull. Adult male. Collected 20 Apr 1958 by B. Terzenbach and G. Medina. No original number.

Type Locality: Near the head of the Rio Limon, Parque Nacional de Rancho Grande, Estado Aragua, Venezuela.

### Genus *Isthmomys* Hooper and Musser, 1964

#### *Peromyscus pirrensis* Goldman

Smithson. Misc. Collect. 60(2): 5, 20 Sep 1912a.

= *Isthmomys pirrensis* (Goldman, 1912). See Carleton (1980:124).

Holotype: USNM 178997. [Skin and skull]. Adult male. Collected 3 May 1912 by E. A. Goldman. Original number 21675.

Type Locality: Near head of Rio Limon, altitude 4,500 ft (1,372 m), Mount Pirri, [Darien], eastern Panama.

### Genus *Lasiopodomys* Lataste, 1887

#### *Microtus pullus* Miller

Proc. Biol. Soc. Wash. 24: 53, 24 Feb 1911a.

= *Lasiopodomys mandarinus* (Milne-Edwards, 1871). See Musser and Carleton (1993:516).

Holotype: USNM 155047. Skin and skull. Adult male. Collected 11 Oct 1908 by A. de C. Sowerby. Original number 32.

Type Locality: Chiao Ch'eng Shan, altitude 7,000 ft (2,134 m), 90 mi (145 km) west of Tai Yuan Fu, Shansi (Shanxi), China.

#### *Microtus warringtoni* Miller

Smithson. Misc. Collect. 60(28): 1, 31 Mar 1913b.

= *Lasiopodomys brandtii* Radde, 1861. See Musser and Carleton (1993:515).

Holotype: USNM 175861. Skin and skull. Adult male. Collected 13 Aug 1912 by A. de C. Sowerby. Original number 508.

Type Locality: Tabool, altitude 4,000 ft (1,219 m), Mongolia, 100 mi (161 km) north of Kalgan, [Nei Monggol, China].

### Genus *Lemmiscus* Thomas, 1912

Subspecies of *Lemmiscus curtatus* were not recognized by Musser and Carleton (2005:896). We follow Hall (1981:821–822), who listed them under *Lagurus curtatus*, and Smith (1999:650).

#### *Arvicola curtata* Cope

Proc. Acad. Nat. Sci. Phila. 20: 2, presented at meeting of 21 Jan 1868. Received prior to Jun 1868 by the Entomological Society of Philadelphia.

= *Lemmiscus curtatus curtatus* (Cope, 1868). See Goldman (1941a:70).

Holotype: USNM 10267/37419. [Fragments of skull and feet. Age and sex unknown]. Collected on unknown date by W. M. Gabb. [MC: Skin cataloged 15 Oct 1872; skull 5 May 1898].

Type Locality: Pigeon springs, on the eastern boundary line of California east of Owens Valley, [Miller and Rehn (1901:127): Mount Magruder, Nevada, near boundary between Inyo County, California, and Esmeralda County, Nevada].

Remarks: Type not designated by number in original description. Coues (1877:215–216) borrowed the type from Cope and described its poor condition similar to that of 10267. The museum catalog entry for 10267 is marked “Copes type” and a Coues’s *Monograph of North American Muridae* label associated with the specimen is marked “No. 10267, Type of *Arvicola curtatus* Cope.”

***Arvicola (Chilotus) pallidus* Merriam**

Am. Nat. 22: 704, Aug 1888a.

= *Lemmiscus curtatus pallidus* (Merriam, 1888). See Goldman (1941a:70).

Holotype: USNM 186498. Skin and skull. Adult female. Collected 10 Sep 1887 by V. Bailey. Original number [SL: 226]. Merriam collection number 3852/4431.

Type Locality: Fort Buford, [Williams County, North] Dakota.

Remarks: Merriam designated the type as his collection number 3852/4431. The Merriam collection was later donated to the USNM, and USNM 186498 was cataloged on 20 Oct 1911.

***Arvicola pauperrima* Cooper**

Am. Nat. 2: 535, Dec 1868.

= *Lemmiscus curtatus pauperrimus* (Cooper, 1868). See Goldman (1941a:70).

Holotype: USNM 10268/35071. [Skin and skull. Lyon and Osgood (1909:90): Adult. SL: Male]. Collected 9 Oct 1860 by J. G. Cooper. Original number 126.

Type Locality: Great Plain of Columbia, near Snake River, [SL: WT] (Washington).

Remarks: Type designated as Cooper’s number 126. Skin cataloged as USNM 10268 on 15 Oct 1872; skull 5 Mar 1891.

***Lemmiscus curtatus levidensis* Goldman**

Proc. Biol. Soc. Wash. 54: 70, 31 Jul 1941a.

Holotype: USNM 148168. Skin and skull. Adult female. Collected 6 Aug 1906 by M. Cary. Original number 733.

Type Locality: Sand Hills, 5 mi (8 km) east of Canadian River [SL and FC: Creek] at west base of Medicine Bow Range, east of Weldon, North Park, altitude about 8,000 ft (2,438 m), Jackson County, Colorado.

**Genus *Lemmus* Link, 1795**

Subspecies of *Lemmus trimucronatus* were not recognized by Musser and Carleton (2005:988). We follow Hall (1981:

828–830) and Batzli (1999a:654) for the trinomial epithets; however, they listed them under *Lemmus sibiricus*.

***Lemmus alascensis* Merriam**

Proc. Wash. Acad. Sci. 2: 26, 14 Mar 1900a.

= *Lemmus trimucronatus alascensis* Merriam, 1900. See Anderson (1937:110).

Holotype: USNM 186499. In alcohol, [skull removed]. Adult female. Collected [MC: 11 Jun 1883 by J. Murdock. Original number 102]. Merriam collection number 5491/6166.

Type Locality: Point Barrow, Alaska.

Remarks: Published as Merriam collection number 5491/6166; cataloged as USNM 186499 on 20 Oct 1911.

***Lemmus minusculus* Osgood**

N. Am. Fauna 24: 36, 23 Nov 1904b.

= *Lemmus trimucronatus minusculus* Osgood, 1904. See Davis (1944a:23).

Holotype: USNM 119612. [Skin and skull]. Adult male. Collected 1 Sep 1902 by W. H. Osgood and A. G. Maddren. Original number [FC: WHO 1903].

Type Locality: Kakhtul River, near its junction with the Malchatna (Mulchatna) River, Alaska.

***Lemmus trimucronatus subarcticus* Bee and Hall**

Univ. Kans. Mus. Nat. Hist. Misc. Publ. 8: 109, 10 Mar 1956.

Holotype: USNM 303204. Skin and skull. Adult male. Collected 24 Jul 1952 by J. W. Bee. Original number 520724-9. University of Kansas Museum of Natural History number 50876.

Type Locality: Lake Schroder, altitude 2,900 ft (884 m), Brooks Range, Alaska, 69°24'28"[N], 145°09'50"[W].

Remarks: Published as University of Kansas Museum of Natural History number 50876; cataloged as USNM 303204 on 26 Jun 1956.

***Lemmus yukonensis* Merriam**

Proc. Wash. Acad. Sci. 2: 27, 14 Mar 1900a.

= *Lemmus trimucronatus yukonensis* Merriam, 1900. See Bee and Hall (1956:113).

Holotype: USNM 98849. [Skin and skull]. [Lyon and Osgood (1909:77): Young] adult female. Collected 9 Aug 1899 by W. H. Osgood. Original number 769.

Type Locality: [FC: Near] Charlie Creek, Yukon River, Alaska.

***Myodes nigripes* True**

Proc. U.S. Natl. Mus. 17: 2, 24 Apr 1894c. Preprint of Proc. U.S. Natl. Mus. 17: 242, 15 Nov 1894d.

= *Lemmus trimucronatus nigripes* (True, 1894). New name combination. Rausch (1953:127) relegated *nigripes* to subspecific status under *L. sibiricus*.

Holotype: USNM 59152. [Skin and skull]. [Lyon and Osgood (1909:76): Adult] male. Collected 18 Aug [probably 1883 according to accession records] by C. H. Townsend. No original number.

Type Locality: St. George's (Saint George) Island, [Pribilof Islands], Alaska.

### Genus *Lophiomys* Milne-Edwards, 1867

#### *Lophiomys thomasi* Heller

Smithson. Misc. Collect. 59(16): 4, 5 Jul 1912.

= *Lophiomys imhausi* Milne-Edwards, 1867. See Hayman and Holt (1940:636).

Holotype: USNM 181789. [Skin and skull]. Adult male. Collected 1 Sep 1911 by E. Heller. Original number 4206.

Type Locality: [SL: North Creek], Mount Gargues (Uaragess), altitude 6,000 ft (1,829 m), Mathews Range, British East Africa (Kenya).

### Genus *Megadontomys* Merriam, 1898

#### *Peromyscus (Megadontomys) nelsoni* Merriam

Proc. Biol. Soc. Wash. 12: 116, 30 Apr 1898a.

= *Megadontomys nelsoni* (Merriam, 1898). See Carleton (1989:37).

Holotype: USNM 55024. [Skin and skull]. Adult female. Collected 10 Jul 1893 by E. W. Nelson. Original number 5202.

Type Locality: Jico, altitude 6,000 ft (1,829 m), Veracruz, Mexico.

#### *Peromyscus (Megadontomys) thomasi* Merriam

Proc. Biol. Soc. Wash. 12: 116, 30 Apr 1898a.

= *Megadontomys thomasi* (Merriam, 1898). See Carleton (1980:129).

Holotype: USNM 70142. [Skin and skull]. Old male. Collected 24 Dec 1894 by E. W. Nelson and E. A. Goldman. Original number 7250.

Type Locality: Mountains near Chilpancingo, altitude 9,700 ft (2,957 m), Guerrero, Mexico.

### Genus *Melanomys* Thomas, 1902

#### *Oryzomys idoneus* Goldman

Smithson. Misc. Collect. 56(36): 5, 19 Feb 1912b.

= *Melanomys caliginosus* (Tomes, 1860). See Musser and Carleton (1993:708).

Holotype: USNM 171106. [Skin and skull]. Adult female. Collected 26 Mar 1911 by E. A. Goldman. Original number [FC: Nelson and Goldman] 21010.

Type Locality: Cerro Azul, altitude 2,500 ft (762 m), near the headwaters of the Chagres River, [Panama], Panama.

### Genus *Microryzomys* Thomas, 1917

#### *Oryzomys (Microryzomys) aurillus* Thomas

Smithson. Misc. Collect. 68(4): 1, 10 Apr 1917.

= *Microryzomys minutus* (Tomes, 1860). See Carleton and Musser (1989:65).

Holotype: USNM 194795. [Skin and skull]. Female. Collected [SL: 15 May] 1915 by E. Heller. Original number 255.

Type Locality: Torontoy, [SL: altitude 14,000 ft (4,267 m)], [Cusco], Peru.

### Genus *Microtus* Schrank, 1798

#### *Arvicola (Mynomes) alticolus* Merriam

N. Am. Fauna 3: 67, 11 Sep 1890a.

= *Microtus longicaudus alticola* (Merriam, 1890). See Goldman (1938b:491). Subspecies recognized by Hall (1981:807) and Smolen (1999a:632).

Holotype: USNM 17615/24551. Skin and skull. Adult female. Collected 31 Jul 1889 by C. H. Merriam and V. Bailey. Original number [FC: VB] 243.

Type Locality: Little Spring, San Francisco Mountain, altitude 8,200 ft (2,500 m), [Coconino County], Arizona.

#### *Arvicola apella* LeConte

Proc. Acad. Nat. Sci. Phila. 6: 405, reported favorably for publication 25 Oct 1853. Receipt acknowledged 31 Dec 1853 by the Smithsonian Institution.

= *Microtus pinetorum scalopsoides* (Audubon and Bachman, 1841). See V. Bailey (1900:64); subspecies recognized by Hall (1981:817) and Smolen (1999b:644).

Holotype: USNM 4714. [Skin with skull inside. Age, sex, and date collected unknown]. [MC: From J. E. LeConte's collection. Cataloged 13 Apr 1861]. No original number.

Type Locality: Pennsylvania.

Remarks: Type not designated in original description. Coues (1877:223–224) refers to 4714 as the type of *Arvicola apella* LeConte. This specimen also bears a Coues label that is marked type of *Arvicola apella* LeConte. There is no reason to believe that LeConte had more than one specimen when he described *Arvicola paella*; therefore, USNM 4714 is the holotype fixed by monotypy (ICZN, 1999: Article 73.1.2).

#### *Arvicola austerus* LeConte

Proc. Acad. Nat. Sci. Phila. 6: 405, reported favorably for publication 25 Oct 1853. Receipt acknowledged 31 Dec 1853 by the Smithsonian Institution.

= *Microtus ochrogaster ochrogaster* (Wagner, 1842). See Hall and Kelson (1959:749); subspecies recognized by Hall (1981:813) and Stalling (1999:638).

Holotype: USNM 2249. [Skin only]. [MC: Collected by P. R. Hoy, date unknown. Cataloged 28 Feb 1857]. Original number [SL: 950].

Type Locality: [SL: Racine], [Racine County], Wisconsin.

Remarks: Type not designated by number in original description. It is entered in the museum catalog as the "type of Maj. LeConte." Coues (1877:210, 214) refers to 2249 as the type of *Arvicola austerus*. There is no reason to believe that LeConte had more than one specimen when he described *Arvicola paella*; therefore, USNM 2249 is the holotype fixed by monotypy (ICZN, 1999: Article 73.1.2).

***Arvicola austerus minor* Merriam**

Am. Nat. 22: 600, Jul 1888b.

= *Microtus ochrogaster minor* (Merriam, 1888). See Bole and Moulthrop (1942:160); subspecies recognized by Hall (1981:813) and Stalling (1999:638).

Holotype: USNM 186493. Skin and skull. Male. Collected 27 Aug 1887 by [SL: V. Bailey]. Original number [SL: 210]. Merriam collection number 3827/4406.

Type Locality: Bottineau, [V. Bailey (1900:75): at base of] Turtle Mountain, [Bottineau County, North] Dakota.

Remarks: Published as Merriam collection number 3827/4406; cataloged as USNM 186493 on 19 Oct 1911.

***Arvicola breweri* Baird**

Mammals Rep. Explor. Surv. 8(1): 525, 1857.

= *Microtus breweri* (Baird, 1857). See Miller (1896a:83).

Syntypes: Collected Jul 1856 by T. M. Brewer. No original numbers.

USNM 2828. [Lyon and Osgood (1909:82): Adult] male. Alcoholic.

USNM 2829. [Lyon and Osgood (1909:82): Adult] male. Alcoholic. Cannot be found.

USNM 2830/3213. [Lyon and Osgood (1909:82): Adult] female. Skin and skull.

USNM 2831/3214. [Lyon and Osgood (1909:82): Adult] male. Skin and skull.

USNM 2832/3215. Latter number incorrectly given as 3220 in original list. [Lyon and Osgood (1909:82): Immature] male. Skin and skull.

USNM 2833. Alcoholic. Currently number 4365 in the Museum of Comparative Zoology (Helgen and McFadden, 2001:114).

Type Locality: Muskeget (Muskeget) Island, [Nantucket County], Massachusetts.

Remarks: No type was designated in the original description. Specimens listed above appear in Baird's (1857:526) list of specimens and are considered syntypes as there is no reason to believe any one in particular should be considered a holotype, nor is there a reason to designate a lectotype for a taxon that occurs on an island where no other *Microtus* occur.

***Arvicola californica* Peale**

U.S. Explor. Exped. 8: 46, 1848.

= *Microtus californicus californicus* (Peale, 1848). See Miller (1912a:218); subspecies recognized by Hall (1981:801) and Heske and Lidicker (1999:627).

Holotype: USNM 10082/4156. [Skin and skull]. Collected [Kellogg (1918:9): 26 Oct 1841 by T. R. Peale]. No original number.

Type Locality: San Francisco Bay, California. Restricted by Kellogg (1918:9) to probably at San Francisquito Creek, near Palo Alto, [Santa Clara County], California.

Remarks: Type not designated by number in original description. Baird (1857:534) stated he had the original specimen,

although he gave no museum number. The skin was cataloged in 1872, and the entry states "type of californicus." One old skin label is marked *Arvicola californica* Peale, and the other, one of Coues's *Monographs of American Muridae* labels, is marked "Type of *Arvicola californica*." Coues (1877:173) lists 10082 as the type of "californicus." There is no reason to believe that Peale had more than one specimen when he described *Arvicola californica*; therefore, USNM 10082/4156 is the holotype fixed by monotypy (ICZN, 1999: Article 73.1.2). V. Bailey (1900:35) believed that the skull to this specimen is either abnormal or came from a different specimen. See Kellogg (1918:9) for additional thoughts on this subject.

***Arvicola (Pedomys) cinnamomea* Baird**

Mammals Rep. Explor. Surv. 8(1): 541, 1857.

= *Microtus ochrogaster ochrogaster* (Wagner, 1842). See Hall and Kelson (1959:749); subspecies recognized by Hall (1981:813) and Stalling (1999:638).

Holotype: USNM 591/1714. Skin [MC: misplaced before 1890 and has not been seen since] and skull. [Lyon and Osgood (1909:83): Adult male]. Date collected unknown, [MC: cataloged 19 Mar 1855]. Collected by C. Cavileer. Original number [MC: 23].

Type Locality: Pembina, [Pembina County], Minnesota (North Dakota). V. Bailey (1900:74) stated he could not believe the specimen came from Pembina and was probably from somewhere within the range of *Microtus ochrogaster ochrogaster*.

***Arvicola edax* LeConte**

Proc. Acad. Nat. Sci. Phila. 6: 405, reported favorably for publication 25 Oct 1853. Receipt acknowledged 31 Dec 1853 by the Smithsonian Institution.

= *Microtus californicus californicus* (Peale, 1848). See Kellogg (1918:5); subspecies recognized by Hall (1981:801) and Heske and Lidicker (1999:627).

Holotype: USNM 4721/37298. [Skin and skull]. Collected by [SL: Major] J. L. LeConte, date unknown. Skin cataloged 13 Apr 1861; skull 27 Apr 1897. No original number.

Type Locality: [Baird (1857:532): South of San Francisco], [Kellogg (1918:5): probably Monterey], California.

Remarks: Type not designated by number in original description. In his list of specimens, Baird (1857:532) lists only one specimen from California and collected by LeConte and earlier states that his description is based on "the original of the species as described by Major LeConte." Coues (1877:173) lists 4721 as the type of *edax*. There is no reason to believe that LeConte had more than one specimen when he described *Arvicola edax*; therefore, USNM 4721/37298 is the holotype fixed by monotypy (ICZN, 1999: Article 73.1.2).

***Arvicola (Pedomys) haydeni* Baird**

Mammals Rep. Explor. Surv. 8(1): 543, 1857.

= *Microtus ochrogaster haydeni* (Baird, 1857). See Osgood (1907a:48); subspecies recognized by Hall (1981:812) and Stalling (1999:638).

Holotype: USNM 699/1862. Skin and skull. [Lyon and Osgood (1909:86): Adult] male. Collected in 1854 by F. V. Hayden. Original number [MC: 74].

Type Locality: Fort Pierre, Nebraska (Stanley County, South Dakota).

***Arvicola kennicottii* Baird**

Mammals Rep. Explor. Surv. 8(1): 547, 1857.

= *Microtus pinetorum scalopsoides* (Audubon and Bachman, 1841). See V. Bailey (1900:64); subspecies recognized by Hall (1981:817) and Smolen (1999b:644).

Syntypes: The catalog entries are given below.

USNM 2834. Aux (Des) Plaines R., Ill. Alcohol. Sex and date collected unknown. Cataloged 31 May 1857.

USNM 2835. Aux (Des) Plaines R., Ill. Alcohol. Sex and date collected unknown. Cataloged 31 May 1857.

USNM 2838. Aux (Des) Plaines R. Alcohol. Male. Date collected unknown. Cataloged 31 May 1857.

USNM 2839. Aux (Des) Plaines R. Alcohol. Male. Date collected unknown. Cataloged 31 May 1857.

USNM 2840. Aux (Des) Plaines R. Alcohol. Sex and date collected unknown. Cataloged 31 May 1857.

USNM 2920. West Northfield. Alcohol. Sex and date collected unknown. Cataloged 2 Jun 1857.

USNM 294. This number was incorrectly listed, as it belongs to a *Sciurus* from Maryland.

USNM 743/3233. West Northfield, Cook County. Female skin and skull. Collected spring 1855. Cataloged 1 Jun 1855.

USNM 2880. Anna, Ill. Male with skull inside. Collected 15 Apr. Cataloged 31 May 1857.

Type Locality: West Northfield, [Cook County], and Anna, [Union County], Illinois.

Remarks: Type not designated in original description, nor was the taxon included in type catalogs of Lyon and Osgood (1909) or Poole and Schantz (1942). Baird (1857:547) stated that this name applies to the specimens from Illinois, and in the table on page 548 he listed the above specimens, all collected by R. Kennicott. Only the skull belonging to USNM 743, number 3233, is currently in the collection.

***Arvicola (Mynomes) longicaudus* Merriam**

Am. Nat. 22: 934, Oct 1888c.

= *Microtus longicaudus longicaudus* (Merriam, 1888). See Goldman (1938b:491); subspecies recognized by Hall (1981:808) and Smolen (1999a:652).

Holotype: USNM 186496. Skin and skull. Adult female. Collected 19 Jul 1888, not 1887 as in original description, by V. Bailey. Original number [SL: 105]. Merriam collection number 4509/5144.

Type Locality: Custer, in the Black Hills, [V. Bailey (1900:48): altitude 5,500 ft (1,676 m)], [Custer County, South] Dakota.

Remarks: Type published as Merriam collection number 4509/5144; cataloged as USNM 186496 on 20 Oct 1911.

***Arvicola longirostris* Baird**

Mammals Rep. Explor. Surv. 8(1): 530, 1857.

= *Microtus montanus montanus* (Peale, 1848). See Grinnell (1913:317); subspecies recognized by Sera and Early (2003:1).

Holotype: USNM 1268/2220. Mounted skin and [fragmentary] skull. [Lyon and Osgood (1909:87): Adult] female. Collected [MC: Sep 1855] by J. S. Newberry. No original number.

Type Locality: Upper Pit River, California.

***Arvicola (Mynomes) macropus* Merriam**

N. Am. Fauna 5: 60, 30 Jul 1891a.

= *Microtus richardsoni macropus* (Merriam, 1891). See V. Bailey (1900:61); subspecies recognized by Hall (1981:820) and Ludwig (1999:646).

Holotype: USNM 23887/31291. Skin and skull. Adult female. Collected 16 Sep 1890 by C. H. Merriam and V. Bailey. Original number [FC: VB] 1803.

Type Locality: Pahsimeroi Mountains, [FC: head of Pahsimeroi River, altitude 9,700 ft (2,957 m) at or above timberline], [Custer County], Idaho.

***Arvicola modesta* Baird**

Mammals Rep. Explor. Surv. 8(1): 535, 1857.

= *Microtus pennsylvanicus modestus* (Baird, 1857). See V. Bailey (1900:20); subspecies recognized by Hall (1981:795) and Tamarin (1999:642).

Holotype: USNM 594/1717. Skin and skull. Immature, sex unknown. Collected Aug–Sep 1853 by [F.] Kreutzfeldt. Original number 16.

Type Locality: Sawatch Pass [unattributed note with the skin label: Saguache Pass, Cochetopa Hills, south of Gunnison river], [Saguache County], Rocky Mountains, Colorado. Baird (1857:714) approximated the location of Sawatch Pass as “probably at the entrance of Sawatch Valley and near the Cochetopa Pass.”

***Arvicola montana* Peale**

U.S. Explor. Exped. 8: 44, 1848.

= *Microtus montanus montanus* (Peale, 1848). See Miller (1912a: 216); subspecies recognized by Sera and Early (2003:1).

Holotype: USNM number unknown.

Type Locality: Peale (1848:45) reported that “our specimen was obtained on the 4th of October, near the head waters of the Sacramento River, in California.” Miller and Rehn (1901:118) added near Mount Shasta, Siskiyou County.

Remarks: This specimen cannot be found and was listed as missing by Lyon and Osgood (1909) and Poole and Schantz (1942).

***Arvicola (Mynomes) mordax* Merriam**

N. Am. Fauna 5: 61, 30 Jul 1891a.



= *Microtus longicaudus longicaudus* (Merriam, 1891). See Long (1965:653); subspecies recognized by Hall (1981:808) and Smolen (1999a:632).

Holotype: USNM 24231/31635. Skin and skull. Adult male. Collected 29 Sep 1890 by C. H. Merriam and V. Bailey. Original number [FC: VB 1903].

Type Locality: Sawtooth or Alturus Lake, [FC: altitude 7,200 ft (2,195 m)], east foot of Sawtooth Mountains, [Blaine County]. Idaho.

***Arvicola (Mynomes) nanus* Merriam**

N. Am. Fauna 5: 63, 30 Jul 1891a.

= *Microtus montanus nanus* (Merriam, 1891). See Hall (1938:133); subspecies recognized by Sera and Early (2003:1).

Holotype: USNM 23853/31253. Skin and skull. Adult female, not male as in original description. Collected 16 Sep 1890 by C. H. Merriam and V. Bailey. Original number [FC: VB 1809].

Type Locality: [FC: Head of Pahsimeroi River, altitude 9,700 ft (2,957 m)], Pahsimeroi Mountains, altitude 2,850 m or 9,350 ft, [Custer County], Idaho.

***Arvicola occidentalis* Peale**

U.S. Explor. Exped. 8: 45, 1848.

= *Microtus townsendii townsendii* (Bachman, 1839). See Hayman and Holt (1941:602). Subspecies recognized by Hall (1981:805) and Cornely (1999a:647).

Holotype: USNM 10083/4157. Skin and skull. Age and sex unknown. Collected by T. R. Peale, date unknown. Skin cataloged in 1872; skull in 1860.

Type Locality: Puget Sound, Oregon (Washington).

Remarks: Type not designated by number in original description. Although he gave no specimen number, Baird (1857:535) stated that the specimen he described is Peale's original one. The 1872 entry in the museum catalog indicates "type of *occidentalis*" in the remarks column. The specimen bears a Coues's *Monograph of North American Muridae* skin label on which is written "Type of *Arvicola occidentalis* Peale." Coues (1877:173) listed 10083 as being the type of *occidentalis*. Therefore, the holotype is fixed by monotypy according to ICZN (1999: Articles 72.4.1.1 and 73.1.2).

***Arvicola operarius* Nelson**

Proc. Biol. Soc. Wash. 8: 139, 28 Dec 1893.

= *Microtus oconomus operarius* (Nelson, 1893). See Zimmermann (1942:187); subspecies recognized by Hall (1981:806) and Conroy (1999:639).

Holotype: USNM 14379/22225. Skin and skull. [Lyon and Osgood (1909:90): Adult] unsexed. Collected Nov 1879 by E. W. Nelson. Original number [SL: 122].

Type Locality: St. Michaels (Michael), Norton Sound, Alaska.

***Arvicola phaeus* Merriam**

Proc. Biol. Soc. Wash. 7: 171, 29 Sep 1892a.

= *Microtus mexicanus phaeus* (Merriam, 1892). See V. Bailey (1900:54); subspecies retained by Hall (1981:815).

Holotype: USNM 33605/45640. Skin and skull. Adult female. Collected 21 Apr 1892 by E. W. Nelson. Original number 2516.

Type Locality: North slope Sierra Nevada de Colima, altitude [FC: about] 10,000 ft (3,048 m), Jalisco, Mexico.

***Arvicola (Pitymys) pinetorum quasiater* Coues**

Proc. Acad. Nat. Sci. Phila. 26: 191, 15 Dec 1874.

= *Microtus quasiater* (Coues, 1874). See Miller (1896b:60).

Holotype: USNM 3524. Skin. Age and sex unknown. Collected by R. Monte d'Oca, date unknown. Cataloged 18 Mar 1859. No original number. There is no record of a skull, and the skin cannot be found.

Type Locality: Xalapa (Jalapa), [Veracruz], Mexico.

***Arvicola riparia* var. *longipilis* Baird**

Mammals Rep. Explor. Surv. 8(1): 524, 1857.

= *Microtus pennsylvanicus pennsylvanicus* (Ord, 1815). See V. Bailey (1900:16); subspecies recognized by Hall (1981:795) and Tamarin (1999:642).

Syntypes: USNM 585/1708. Skin made from alcohol and skull. Female. West Northfield, [Cook County], Illinois. Collected by R. Kennicott, date unknown. Skin cataloged 19 Mar 1855; skull 16 Mar 1855. The skin cannot be found.

USNM 867/1920. Skin and skull. Male. West Northfield, [Cook County], Illinois. Collected by R. Kennicott, date unknown. Cataloged 10 Oct 1855. Skin cannot be found.

USNM 2172. Skull only. Sex unknown. Racine, [Racine County], Wisconsin. Collected by Dr. Hoy, date unknown. Cataloged 25 Feb 1856.

Type Locality: West Northfield, Illinois, and Racine, [Wisconsin].

Remarks: Type specimen not designated by number in original description, nor was a list of specimens presented. Baird (1857:524) stated that the name *longipilis* applies to those specimens from West Northfield, Illinois, and Racine, [Wisconsin]. The USNM collection currently contains three specimens that meet this stipulation; they were cataloged or labeled as *riparius*, thus eliminating other species of *Microtus* that occur at these localities, and they were cataloged prior to 1857, so they would have been available to Baird. G. M. Allen (1931:260) considered these cotypes (syntypes), and we follow his lead. Catalog data are given above. A fourth specimen, USNM 745, is currently number 5292 in the Museum of Comparative Zoology (Helgen and McFadden, 2001:114). It is a Kennicott specimen from West Northfield, Illinois.

***Arvicola scalopsoides* Audubon and Bachman**

Proc. Acad. Nat. Sci. Phila. 1: 97, read at stated meeting of 5 Oct 1841. Receipt acknowledged 1 Dec 1841 by the Albany Institute.

= *Microtus pinetorum scalopsoides* (Audubon and Bachman, 1841). See Batchelder (1896:187); subspecies recognized by Hall (1981:817) and Smolen (1999b:644).

Lectotype: USNM 10264 as designated by Coues (1877:224). [Skin with skull inside. Age and sex unknown]. [MC: Collected by/received from Major J. E. LeConte, date unknown. Cataloged 15 Oct 1872].

Type Locality: Long Island, [New York].

Remarks: Type not designated by number in original description. In the remarks column of the museum catalog "Type of *scalopsoides*" is written in the same hand as the original entry; the specimen bears a Coues's *Monograph of American Muridae* skin label that states "10264 Type of A. '*scalopsoides*' apud LeConte (= *pinetorum*) Long Island," and Coues (1877:224) listed 10264 as the type of *scalopsoides*. Audubon and Bachman (1841:97) stated they had collected many specimens; therefore, Coues's (1877:224) listing constituted designation of a lectotype (ICZN, 1999: Article 74.5).

***Arvicola trowbridgii* Baird**

Mammals Rep. Explor. Surv. 8(1): 529, 1857.

= *Microtus californicus californicus* (Peale, 1848). See Kellogg (1918:5); subspecies recognized by Hall (1981:801) and Heske and Lidicker (1999:627).

Holotype: USNM 370/1284. Mounted skin [MC: from alcohol] and skull. Age and sex unknown. Collected on unknown date by W. P. Trowbridge. Cataloged 4 Jan 1855. No original number.

Type Locality: Monterey, [Monterey County], California.

***Microtus abbreviatus* Miller**

Proc. Biol. Soc. Wash. 13: 13, 31 Jan 1899b.

= *Microtus abbreviatus abbreviatus* Miller, 1899. See Miller (1924:414); subspecies recognized by Hall (1981:819) and Cook and Klein (1999:624).

Holotype: USNM 15540/22429. Skin and skull. Young adult female. Collected 8 Sep 1885 by C. H. Townsend. No original number.

Type Locality: Hall Island, Bering Sea, [Alaska].

***Microtus abbreviatus fisheri* Merriam**

Proc. Wash. Acad. Sci. 2: 23, 14 Mar 1900a.

Subspecies recognized by Hall (1981:819) and Cook and Klein (1999:624).

Holotype: USNM 97976. [Skin and skull]. Adult male. Collected 15 Jul 1899 by A. K. Fisher. Original number 2189.

Type Locality: Saint Matthew Island, Bering Sea, [SL: Alaska].

***Microtus amakensis* Murie**

J. Mammal. 11: 74, 11 Feb 1930.

= *Microtus oeconomus amakensis* Murie, 1930. See Hall and Cockrum (1952:309); subspecies recognized by Hall (1981:805) and Conroy (1999:639).

Holotype: USNM 246449. [Skin and skull]. Adult male. Collected 8 Jul 1925 by D. H. Stevenson. Original number 80.

Type Locality: Amak Island, [FC: 12 mi (19 km) off coast of Alaska Peninsula], [Aleutian Islands], Bering Sea, Alaska.

***Microtus angusticeps* V. Bailey**

Proc. Biol. Soc. Wash. 12: 86, 30 Apr 1898a.

= *Microtus longicaudus angusticeps* V. Bailey, 1898. See Goldman (1938b:491); subspecies recognized by Hall (1981:807) and Smolen (1999a:632).

Holotype: USNM 17087/24008. Skin and skull. Adult male. Collected 16 Jun 1889 by T. S. Palmer. Original number 151.

Type Locality: Crescent City, [Del Norte County], California.

***Microtus aphorodemus* Preble**

N. Am. Fauna 22: 52, 31 Oct 1902a.

= *Microtus pennsylvanicus aphorodemus* Preble, 1902. See Anderson (1937:112); subspecies recognized by Hall (1981:792) and Tamarin (1999:642).

Holotype: USNM 106422. Skin and skull. Adult female. Collected 5 Aug 1900 by E. A. Preble. Original number 3208.

Type Locality: [Lyon and Osgood (1909:81): West shore Hudson Bay], barren grounds about 50 mi (80 km) south of Cape Eskimo, near mouth of Thlewiaza River, Keewatin [District, Nunavut, Canada].

***Microtus arvalis duplicatus* Miller**

Cat. Mammals West. Eur., p. 686, 1912b.

Subspecies recognized by Gromov and Polyakov (1992:435).

Holotype: USNM 112213. Skin and skull. Adult male. Collected 1901 by L. J. Boettcher. Original number 11. Holotype selected by von den Brink (1930:251).

Type Locality: Tenkitten, near Königsberg (Kaliningrad), Germany (Kaliningradskaya, Russia).

***Microtus bairdi* Merriam**

Proc. Biol. Soc. Wash. 11: 74, 21 Apr 1897c.

= *Microtus oregoni bairdi* Merriam, 1897. See Taylor (1920:180); subspecies recognized by Hall (1981:810) and Wolff (1999:640).

Holotype: USNM 79906. [Skin and skull]. Adult female. Collected 24 Aug 1896 by C. H. Merriam and V. Bailey. Original number [FC: VB] 5813.

Type Locality: Crater Lake, altitude about 7,800 ft (2,377 m), [SL and FC: north slope] Glacier Peak, [Klamath County], Oregon.

***Microtus californicus constrictus* V. Bailey**

N. Am. Fauna 17: 36, 6 Jun 1900.

Subspecies recognized by Hall (1981:801) and Heske and Lidicker (1999:627).

Holotype: USNM 98347. [Skin and skull]. [Lyon and Osgood (1909:84): Adult] [FC: male]. Collected 6 Sep 1899 by V. Bailey. Original number 7174.

Type Locality: Cape Mendocino, [Humboldt County], California.

***Microtus californicus vallicola* V. Bailey**

Proc. Biol. Soc. Wash. 12: 89, 30 Apr 1898a.

Subspecies recognized by Hall (1981:803) and Heske and Lidicker (1999:628).

Holotype: USNM 25393/32806. Skin and skull. Adult female. Collected 28 Dec 1890 by E. W. Nelson. Original number 149.

Type Locality: Lone Pine, [FC: upper edge of Alabamas], Inyo County, California. Restricted by A. B. Howell (1923a:266) to Lone Pine Creek, about 4,500 ft (1,372 m), Owens Valley, Inyo County, California.

***Microtus canicaudus* Miller**

Proc. Biol. Soc. Wash. 11: 67, 21 Apr 1897a.

Holotype: USNM 75841. [Skin and skull]. Adult male. Collected 1 Dec 1895 by B. J. Bretherton. Original number 2119, rather than 219 as in original description.

Type Locality: McCoy, Willamette Valley, [Polk County], Oregon.

***Microtus dutcheri* V. Bailey**

Proc. Biol. Soc. Wash. 12: 85, 30 Apr 1898a.

= *Microtus montanus dutcheri* V. Bailey, 1898. See Grinnell (1913:317); subspecies recognized by Sera and Early (2003:1).

Holotype: USNM 29679/41848. Skin and skull. Adult male. Collected 10 Jul 1891 by B. H. Dutcher. Original number 69.

Type Locality: [FC: Head of] Big Cottonwood Meadows, near Mount Whitney, altitude 10,000 ft (3,048 m), [Tulare County], California.

***Microtus elymocetes* Osgood**

Proc. Biol. Soc. Wash. 19: 71, 1 May 1906.

= *Microtus oeconomus elymocetes* Osgood, 1906. See Zimmermann (1942:188); subspecies recognized by Hall (1981:805) and Conroy (1999:639).

Holotype: USNM 137323. [Skin and skull]. Adult male. Collected 12 May 1905 by C. Sheldon. Original number 8. [SL: 5448-X].

Type Locality: East side of Montague Island, Prince William Sound, [Valdez-Cordova], Alaska.

***Microtus fortis uliginosus* Jones and Johnson**

Proc. Biol. Soc. Wash. 68: 193, 31 Dec 1955.

Subspecies recognized by Won and Smith (1999:26).

Holotype: USNM 298078. Skin and skull. Adult female. Collected 28 Aug 1952 by W. H. Lawrence. Original number B12098, rather than B-2098 as in original description.

Type Locality: Chip'o-ri, 38°08'N, 127°19'E, [South] Korea.

***Microtus fulviventris* Merriam**

Proc. Biol. Soc. Wash. 12: 106, 30 Apr 1898b.

= *Microtus mexicanus fulviventris* Merriam, 1898. See Musser (1964:20). Subspecies recognized by Hall (1981:814).

Holotype: USNM 68250. [Skin and skull]. Adult male. Collected 22 Aug 1894 by E. W. Nelson and E. A. Goldman. Original number 6601.

Type Locality: Cerro San Felipe, altitude 10,200 ft (3,109 m), Oaxaca, Mexico.

***Microtus guatemalensis* Merriam**

Proc. Biol. Soc. Wash. 12: 108, 30 Apr 1898b.

Holotype: USNM 76777. [Skin and skull]. Adult male. Collected 30 Dec 1895 by E. W. Nelson and E. A. Goldman. Original number 8960.

Type Locality: Todos Santos, altitude 10,000 ft (3,048 m), Huehuetenango, Guatemala.

***Microtus innuitus* Merriam**

Proc. Wash. Acad. Sci. 2: 21, 14 Mar 1900a.

= *Microtus oeconomus innuitus* Merriam, 1900. See Zimmermann (1942:188); subspecies recognized by Hall (1981:805) and Conroy (1999:639).

Holotype: USNM 99373. Skull only from owl pellet. Adult, sex unknown. Collected 13 Jul 1899 by C. H. Merriam. No original number.

Type Locality: Northeast Cape, Saint Lawrence Island, Bering Sea, [SL: Alaska].

***Microtus insularis* V. Bailey**

Proc. Biol. Soc. Wash. 12: 86, 30 Apr 1898a.

Secondary junior homonym of *Lemmus insularis* Nilsson, 1844 = *Microtus agrestis* (Linnaeus, 1761). Renamed *Microtus nesophilus* by V. Bailey (1898b:783).

= *Microtus pennsylvanicus nesophilus* V. Bailey, 1898. See Jones et al. (1986:4); subspecies recognized by Whitaker and Hamilton (1998:351).

Holotype: USNM 186494. Skin and skull. Immature male. Collected 6 Aug 1888 by B. H. Dutcher. No original number. Merriam collection number 4952/5706.

Type Locality: Great Gull Island, [Miller and Rehn (1901:118): off eastern extremity of Long Island, Suffolk County], New York.

Remarks: Published as Merriam collection number 4952/5706; cataloged as USNM 186494 on 20 Oct 1911.

***Microtus kadiacensis* Merriam**

Proc. Biol. Soc. Wash. 11: 222, 15 Jul 1897a.

= *Microtus oeconomus operarius* (Nelson, 1893). See Paradiso and Manville (1961:78); subspecies recognized by Hall (1981:806) and Conroy (1999:639).

Holotype: USNM 65827. Skin and skull. Adult female. Collected 12 Sep 1893 by B. J. Bretherton. Original number 213.

Type Locality: Kodiak Island, Alaska.

***Microtus longicaudus baileyi* Goldman**

J. Mammal. 19: 492, 14 Nov 1938b.

Subspecies recognized by Hall (1981:807) and Smolen (1999a: 632).

Holotype: USNM 248924. Skin and skull. Adult male. Collected 13 Jul 1929 by V. Bailey. Original number 10731.

Type Locality: Greenland Spring, head of Bright Angel Creek, altitude 8,000 ft (2,438 m), [SL and FC: Kaibab Forest], Grand Canyon National Park, Coconino County, Arizona.

***Microtus ludovicianus* V. Bailey**

N. Am. Fauna 17: 74, 6 Jun 1900.

= *Microtus ochrogaster ludovicianus* V. Bailey, 1900. See Raun and Laughlin (1972:493); subspecies recognized by Hall (1981:812) and Stalling (1999:638).

Holotype: USNM 96624. Skin and skull. Adult male. Collected 7 Apr 1899 by V. Bailey. Original number 6767.

Type Locality: Iowa [SL and FC: Station], Calcasieu Parish, Louisiana.

***Microtus macfarlani* Merriam**

Proc. Wash. Acad. Sci. 2: 24, 14 Mar 1900a.

= *Microtus oeconomus macfarlani* Merriam, 1900. See Zimmermann (1942:187); subspecies recognized by Hall (1981:805) and Conroy (1999:639).

Holotype: USNM 9155/37347. Skin and skull. [Age and sex unknown]. Collected by R. MacFarlane [date unknown]. [MC: Skin cataloged Jul 1868; skull 31 Mar 1898]. Original number 3179.

Type Locality: Fort Anderson, [V. Bailey (1900:40): Anderson River], north of Great Bear Lake, Arctic America [Mackenzie District, Northwest Territories, Canada].

***Microtus macrurus* Merriam**

Proc. Acad. Nat. Sci. Phila. 50: 353, 4 Oct 1898c.

= *Microtus longicaudus macrurus* Merriam, 1898. See Goldman (1938b:491); subspecies recognized by Hall (1981:809) and Smolen (1999a:632).

Holotype: USNM 66151. [Skin and skull]. Adult female. Collected 26 Jun 1894 by C. P. Streater. Original number 3975.

Type Locality: Lake Cushman, Olympic Mountains, [FC: Mason County], Washington.

***Microtus mexicanus guadalupensis* V. Bailey**

Proc. Biol. Soc. Wash. 15: 118, 2 Jun 1902a.

Subspecies recognized by Hall (1981:814) as listed above and by Frey (1999a:635) under *Microtus mogollonensis*.

Holotype: USNM 109191. [Skin and skull]. Adult male. Collected 21 Aug 1901 by V. Bailey. Original number 7807.

Type Locality: [FC: Head of McKittrick Canyon], altitude 7,800 ft (2,377 m), Guadalupe Mountains, [Culberson County], Texas.

***Microtus mexicanus hualpaiensis* Goldman**

J. Mammal. 19: 493, 14 Nov 1938c.

Subspecies recognized by Hall (1981:814) as listed above and by Frey (1999a:635) under *Microtus mogollonensis*.

Holotype: USNM 244108. Skin and skull. Adult female. Collected 1 Oct 1923 by E. A. Goldman. Original number 23554.

Type Locality: Hualpai (Hualapai) Peak, Hualpai (Hualapai) Mountains, altitude 8,400 ft (2,560 m), Mohave County, Arizona.

***Microtus mexicanus madrensis* Goldman**

J. Mammal. 19: 493, 14 Nov 1938c.

Subspecies recognized by Hall (1981:814).

Holotype: USNM 98172. Skin and skull. Adult male. Collected 2 Jul 1899 by [E. W.] Nelson and [E. A.] Goldman. Original number 13870.

Type Locality: Gavilan River, 5 mi (8 km) west of Colonia Garcia, about 60 mi (97 km) southwest of Casas Grandes, altitude 6,700 ft (2,042 m), Chihuahua, Mexico.

***Microtus mexicanus subsimus* Goldman**

J. Mammal. 19: 494, 14 Nov 1938c.

Subspecies recognized by Hall (1981:815).

Holotype: USNM 116918. Skin and skull. Adult male. Collected 3 May 1902 by [E. W.] Nelson and [E. A.] Goldman. Original number 15195.

Type Locality: Sierra Guadalupe, [FC: altitude about 9,500 ft (2,896 m)], southeastern Coahuila, Mexico.

***Microtus miurus* Osgood**

N. Am. Fauna 21: 64, 26 Sep 1901a.

= *Microtus miurus miurus* Osgood, 1901. See Miller (1912a:220); subspecies recognized by Cole and Wilson (2010:75).

Holotype: USNM 107175. [Skin and skull]. Adult male. Collected 4 Sep 1900 by W. H. Osgood and E. Heller. Original number [FC: WHO] 1349.

Type Locality: Head of Bear Creek, in mountains near Hope City, Turnagain Arm, Cook Inlet, Alaska.

***Microtus miurus oreas* Osgood**

Proc. Biol. Soc. Wash. 20: 61, 18 Apr 1907b.

Subspecies recognized by Cole and Wilson (2010:75).

Holotype: USNM 148596. [Skin and skull]. Adult male. Collected 8 Aug 1906 by C. Sheldon. Original number 47. [SL: 6289-X].

Type Locality: Head of Toklat River, [SL: Mount McKinley], Alaskan Range, Alaska.

***Microtus miurus paneaki* Rausch**

J. Wash. Acad. Sci. 40: 135, 21 Apr 1950.

= *Microtus miurus muriei* Nelson, 1931. See Hall and Cockrum (1952:311); subspecies recognized by Cole and Wilson (2010:75).

Holotype: USNM 290296. Skin and skull. Young adult male. Collected 2 Jun 1949 by R. Rausch. Original number 21.

Type Locality: Tolugak Lake, [SL: Anaktuvuk Pass], Brooks Range, Alaska. Lat. 68°24'N, Long. 152°10'W.

***Microtus montanus arizonensis* V. Bailey**

Proc. Biol. Soc. Wash. 12: 88, 30 Apr 1898a.

Subspecies recognized by Sera and Early (2003:1).

Holotype: USNM 24778/32179. Skin and skull. Adult male. Collected 7 Nov 1890 by E. W. Nelson. Original number 153.

Type Locality: Springerville, [Apache County], Arizona.

***Microtus montanus caryi* V. Bailey**

Proc. Biol. Soc. Wash. 30: 29, 21 Feb 1917.

= *Microtus montanus nanus* (Merriam, 1891). See Anderson (1954:493); subspecies recognized by Sera and Early (2003:1). Holotype: USNM 168670. [Skin and skull]. Adult male. Collected 8 May 1910 by M. Cary. Original number 1912. Type Locality: Milford, [FC: 5,500 ft (1,676 m)], Fremont County, Wyoming.

***Microtus mordax bernardinus* Merriam**

Proc. Biol. Soc. Wash. 21: 145, 9 Jun 1908a.

= *Microtus longicaudus bernardinus* Merriam, 1908. See Goldman (1938b:492); subspecies recognized by Hall (1981:807) and Smolen (1999a:632).

Holotype: USNM 159632. [Skin and skull]. Adult male. Collected 21 Aug 1907 by V. Bailey. Original number 8749.

Type Locality: Dry Lake, at north base of San Gorgonio Peak, altitude 9,000 ft (2,743 m), San Bernardino Mountains, [San Bernardino County], California.

***Microtus muriei* Nelson**

J. Mammal. 12: 311, 24 Aug 1931.

= *Microtus miurus muriei* Nelson, 1931. See Hall and Cockrum (1952:312); subspecies recognized by Cole and Wilson (2010:75).

Holotype: USNM 243482. [Skin and skull]. Adult female. Collected 7 Mar 1923 by O. J. Murie. Original number [SL: 1737].

Type Locality: Kutuk River, tributary of Alatna River, Endicott Mountains, Alaska.

***Microtus nanus canescens* V. Bailey**

Proc. Biol. Soc. Wash. 12: 87, 30 Apr 1898a.

= *Microtus montanus canescens* V. Bailey, 1898. See Hall (1938:133); subspecies recognized by Sera and Early (2003:1).

Holotype: USNM 90577. [Skin and skull]. Adult male. Collected 12 Sep 1897 by J. A. Loring. Original number 4654.

Type Locality: Conconully, [Okanogan County], Washington.

***Microtus nevadensis* V. Bailey**

Proc. Biol. Soc. Wash. 12: 86, 30 Apr 1898a.

= *Microtus montanus nevadensis* V. Bailey, 1898. See Hall (1935:423); subspecies recognized by Sera and Early (2003:1).

Holotype: USNM 26877/34291. Skin and skull. Adult male, not female as in original description. Collected 2 Mar 1891 by E. W. Nelson. Original number 577.

Type Locality: Ash Meadows, Nye County, Nevada.

***Microtus nevadensis rivularis* V. Bailey**

Proc. Biol. Soc. Wash. 12: 87, 30 Apr 1898a.

= *Microtus montanus rivularis* V. Bailey, 1898. See V. Bailey (1900:29); subspecies recognized by Sera and Early (2003:1).

Holotype: USNM 186497. Skin and skull. Adult male. Collected 6 Jan 1889 by V. Bailey. Original number 493. Merriam collection number 5172/5867.

Type Locality: Saint George, [Washington County], Utah.

Remarks: Published as Merriam collection number 5172/5867; cataloged as USNM 186497 on 20 Oct 1911.

***Microtus oeconomus gilmorei* Setzer**

Proc. Biol. Soc. Wash. 65: 75, 25 Apr 1952.

= *Microtus oeconomus operarius* (Nelson, 1893). See Rausch (1953:130); subspecies recognized by Hall (1981:806) and Conroy (1999:639).

Holotype: USNM 293109. Skin and skull. Adult male. Collected 4 Jul 1951 by H. W. Setzer. Original number 2396.

Type Locality: Point Lay, 163°04'W Long. and 69°46'N Lat., Alaska.

***Microtus operarius endoecus* Osgood**

N. Am. Fauna 30: 23, 7 Oct 1909b.

= *Microtus oeconomus macfarlani* Merriam, 1900. See Anderson (1947:157); subspecies recognized by Hall (1981:805) and Conroy (1999:639).

Holotype: USNM 128327. [Skin and skull]. Adult male. Collected 21 Jun 1903 by W. H. Osgood. Original number [SL: 2366].

Type Locality: Mouth of Charlie Creek, [FC: NE bank of] Yukon River, about 50 mi (80 km) above Circle, Alaska.

***Microtus oregoni adocetus* Merriam**

Proc. Biol. Soc. Wash. 21: 145, 9 Jun 1908a.

Subspecies recognized by Hall (1981:810) and Wolff (1999:640).

Holotype: USNM 137995. [Skin and skull]. Adult male. Collected 30 Jul 1905 by A. S. Bunnell. Original number 135.

Type Locality: South Yolla Bolly Mountain, [Tehama County], California.

***Microtus oregoni cantwelli* Taylor**

J. Mammal. 1: 180, 24 Aug 1920.

= *Microtus oregoni oregoni* (Bachman, 1839). See Dalquest (1948:357); subspecies recognized by Hall (1981:810) and Wolff (1999:640).

Holotype: USNM 232814. [Skin and skull]. Adult male. Collected 13 Aug 1919 by G. G. Cantwell. Original number 1487.

Type Locality: Glacier Basin, altitude 5,935 ft (1,809 m), Mount Rainier, [Pierce County], Washington.

***Microtus pennsylvanicus labradorius* V. Bailey**

Proc. Biol. Soc. Wash. 12: 88, 30 Apr 1898a.

Subspecies recognized by Hall (1981:794) and Tamarin (1999:642).

Holotype: USNM 186495. Skin and skull, originally in alcohol. Adult female. Collected 15 Nov 1882 by L. M. Turner. Original number [SL: 296]. Merriam collection number 5481/6566.

Type Locality: Fort Chimo (Kuujuaq), Ungava [District, Quebec, Canada].

Remarks: Published as MCC 5481/6566. Cataloged as USNM 186495 on 20 Oct 1911.

***Microtus pennsylvanicus wahema* V. Bailey**

J. Mammal. 1: 72, 2 Mar 1920.

= *Microtus pennsylvanicus insperatus* (J. A. Allen, 1894). See Anderson (1943:92); subspecies recognized by Hall (1981:793) and Tamarin (1999:642).

Holotype: USNM 212370. [Skin and skull]. Adult male. Collected 8 May 1916 by R. Kellogg. Original number 425.

Type Locality: Glendive, [FC: across Yellowstone River], [Dawson County], Montana.

***Microtus pinetorum auricularis* V. Bailey**

Proc. Biol. Soc. Wash. 12: 90, 30 Apr 1898a.

Subspecies recognized by Hall (1981:816) and Smolen (1999b:644).

Holotype: USNM 34062/46139. Skin and skull. Adult male. Collected 26 May 1892 by V. Bailey. Original number 3649.

Type Locality: Washington, [Adams County], Mississippi.

***Microtus pinetorum nemoralis* V. Bailey**

Proc. Biol. Soc. Wash. 12: 89, 30 Apr 1898a.

Subspecies recognized by Hall (1981:816) and Smolen (1999b:644).

Holotype: USNM 87246. [Skin and skull]. Adult female. Collected 7 Apr 1897 by J. A. Loring. Original number 3905.

Type Locality: Stilwell, Boston Mountains, [Adair County], Indian Territory (Oklahoma).

***Microtus ravidulus* Miller**

Proc. Acad. Nat. Sci. Phila. 51: 284, 9 Aug 1899a.

= *Microtus gregalis* (Pallas, 1779). See Hayman and Holt (1941:615).

Holotype: USNM 62159. Skin and skull. Adult female. Collected 7 Nov 1893 by W. L. Abbott. No original number.

Type Locality: Okchi (Akchi), valley of the Aksai, altitude 7,000 ft (2,134 m), eastern Turkestan (Xinjiang, China).

***Microtus scirpensis* V. Bailey**

N. Am. Fauna 17: 38, 6 Jun 1900.

= *Microtus californicus scirpensis* V. Bailey, 1900. See Kellogg (1918:24); subspecies recognized by Hall (1981:803) and Heske and Lidicker (1999:628).

Holotype: USNM 25979/33385. Skin and skull. Adult female. Collected 26 Feb 1891 by V. Bailey. Original number 2520.

Type Locality: Amargosa River, near Nevada line, [FC: 10 mi (16 km) north of Borax Works], [Kellogg (1918:24): spring near Shoshone, altitude 1,560 ft (475 m)], Inyo County, California.

***Microtus serpens* Merriam**

Proc. Biol. Soc. Wash. 11: 75, 21 Apr 1897c.

= *Microtus oregoni serpens* Merriam, 1897. See Taylor (1920:180); subspecies recognized by Hall (1981:810) and Wolff (1999:640).

Holotype: USNM 76303. [Skin and skull]. Adult male. Collected 2 Dec 1895 by C. P. Streater. Original number 5068.

Type Locality: Agassiz, British Columbia, [Canada].

***Microtus sitkensis* Merriam**

Proc. Biol. Soc. Wash. 11: 221, 15 Jul 1897a.

= *Microtus oeconomus sitkensis* Merriam, 1897. See Zimmermann (1942:187); subspecies recognized by Hall (1981:806) and Conroy (1999:639).

Holotype: USNM 73839. Skin and skull. [Lyon and Osgood (1909:92): Young] adult male. Collected 3 Aug 1895 by C. P. Streater. Original number 4745.

Type Locality: [FC: High watermark at edge of forest], Sitka, Alaska.

***Microtus tshuktschorum* Miller**

Proc. Biol. Soc. Wash. 13: 11, 31 Jan 1899c.

= *Microtus oeconomus tshuktschorum* Miller, 1899. See Zimmermann (1942:184); subspecies recognized by Gromov and Erbajeva (1995:482).

Holotype: USNM 8419/37610. In alcohol, [skull removed]. Adult female. Collected on unknown date by Lt. [Lyon and Osgood (1909:92): John] Dawson. Received in 1866 [MC: skin cataloged 12 Jan 1866; skull 10 Nov 1898]. Original number [MC: 211].

Type Locality: Plover Bay, East Siberia (Bering Strait, Chukotskiy, Russia).

***Microtus umbrosus* Merriam**

Proc. Biol. Soc. Wash. 12: 107, 30 Apr 1898b.

Holotype: USNM 68480. [Skin and skull]. Adult female. Collected 10 Jul 1894 by E. W. Nelson and E. A. Goldman. Original number 6412.

Type Locality: Mount Zempoaltepec, altitude 8,200 ft (2,499 m), Oaxaca, Mexico.

***Microtus unalascensis* Merriam**

Proc. Biol. Soc. Wash. 11: 222, 15 Jul 1897a.

= *Microtus oeconomus unalascensis* Merriam, 1897. See Zimmermann (1942:187); subspecies recognized by Hall (1981:806) and Conroy (1999:639).

Holotype: USNM 30772/42672. Skin and skull. Immature female. Collected 13 Aug 1891 by C. H. Merriam. Original number Z.

Type Locality: Unalaska, Alaska.

***Microtus unalascensis popofensis* Merriam**

Proc. Wash. Acad. Sci. 2: 22, 14 Mar 1900a.

= *Microtus oeconomus popofensis* Merriam, 1900. See Zimmermann (1942:187); subspecies recognized by Hall (1981:806) and Conroy (1999:639).

Holotype: USNM 97956. [Skin and skull]. Adult male. Collected 16 Jul 1899 by W. E. Ritter. Original number 2200, [FC: A. K.] Fisher catalog.

Type Locality: Popof [Island], Shumagin Islands, Alaska.

***Microtus yakutatensis* Merriam**

Proc. Wash. Acad. Sci. 2: 22, 14 Mar 1900a.

= *Microtus oeconomus yakutatensis* Merriam, 1900. See Zimmermann (1942:187); subspecies recognized by Hall (1981:806) and Conroy (1999:639).

Holotype: USNM 98005. [Skin and skull]. Adult male. Collected 19 Jun 1899 by C. H. Merriam. Original number [FC: A. K. Fisher] 2101.

Type Locality: North shore Yakutat Bay, Alaska.

***Pitymys parvulus* A. H. Howell**

Proc. Biol. Soc. Wash. 29: 83, 4 Apr 1916.

= *Microtus pinetorum parvulus* (A. H. Howell, 1916). See Hall (1981:817); subspecies recognized by Smolen (1999b:644).

Holotype: USNM 210485. Skin and skull. Adult female. Collected 15 Dec 1915 by R. T. Jackson. Original number [XC: 42]. [SL: 13149-X].

Type Locality: Ocala, [SL and XC: Lynne Planting Station], [Marion County], Florida.

***Pitymys pinetorum carbonarius* Handley**

J. Wash. Acad. Sci. 42: 152, 15 May 1952.

= *Microtus pinetorum carbonarius* (Handley, 1952). See Hall and Cockrum (1953:449); subspecies recognized by Hall (1981:816) and Smolen (1999b:644).

Holotype: USNM 191204. Skin and skull. Old adult female. Collected 14 Feb 1888 by J. B. Lewis. Original number 76. [SL: Merriam collection number 4157/4692].

Type Locality: Eubank, Pulaski County, Kentucky.

***Pitymys pinetorum schmidti* Jackson**

Proc. Biol. Soc. Wash. 54: 201, 8 Dec 1941.

= *Microtus pinetorum schmidti* (Jackson, 1941). See Hall and Cockrum (1953:451); subspecies recognized by Hall (1981:816) and Smolen (1999b:644).

Holotype: USNM 248079. Skin and skull. Adult female. Collected 4 Sep 1927. Presented by F. J. W. Schmidt [who was probably the collector]. Original number 192. 24658-X.

Type Locality: Worden Township, Clark County, Wisconsin.

## Genus *Myodes* Pallas, 1811

***Clethrionomys gapperi arizonensis* Cockrum and Fitch**

Univ. Kans. Publ. Mus. Nat. Hist. 5: 291, 15 Nov 1952.

= *Myodes gapperi arizonensis* (Cockrum and Fitch, 1952). New name combination; subspecies recognized by Hall (1981:780) and Merritt (1999a:615) under *Clethrionomys gapperi*.

Holotype: USNM 158401. Skin and skull. Adult female. Collected 12 Sep 1908 by C. Birdseye. Original number 152.

Type Locality: Little Colorado River, altitude 8,300 ft (2,530 m), White Mountains, Apache County, Arizona.

***Clethrionomys gapperi cascadenis* Booth**

Murrelet 26: 27, 10 Aug 1945.

= *Myodes gapperi cascadenis* (Booth, 1945). New name combination; subspecies recognized by Hall (1981:780) and Merritt (1999a:615) under *Clethrionomys gapperi*.

Holotype: USNM 242380. Skin and skull. Adult female. Collected 30 Oct 1921 by G. G. Cantwell. Original number 2800.

Type Locality: [FC: Swank Creek], 2 mi (3.2 km) south of Blewett Pass, altitude 3,000 ft (914 m), Kittitas County, Washington.

***Clethrionomys gapperi gauti* Cockrum and Fitch**

Univ. Kans. Publ. Mus. Nat. Hist. 5: 289, 15 Nov 1952.

= *Myodes gapperi gauti* (Cockrum and Fitch, 1952). New name combination; subspecies recognized by Hall (1981:781) and Merritt (1999a:615) under *Clethrionomys gapperi*.

Holotype: USNM 133515. Skin and skull. Adult male. Collected 7 Aug 1904 by J. H. Gaut. Original number 3086.

Type Locality: Twinning, altitude 10,700 ft (3,261 m), Taos County, New Mexico.

***Clethrionomys gapperi maurus* Kellogg**

Proc. Biol. Soc. Wash. 52: 37, 11 Mar 1939.

= *Myodes gapperi maurus* (Kellogg, 1939). New name combination; subspecies recognized by Hall (1981:782) and Merritt (1999a:615) under *Clethrionomys gapperi*.

Holotype: USNM 267826. Skin and skull. Adult female. Collected 23 Jun 1938 by W. M. Perrygo and H. J. Cole. Original number 705.

Type Locality: 4.5 mi (7 km) southeast of Lynch, altitude 4,100 ft (1,250 m), Black Mountains, Harlan County, Kentucky.

***Clethrionomys gapperi solus* Hall and Cockrum**

Univ. Kans. Publ. Mus. Nat. Hist. 5: 304, 17 Nov 1952.

= *Myodes gapperi solus* (Hall and Cockrum, 1952). New name combination; subspecies recognized by Hall (1981:784) and Merritt (1999a:615) under *Clethrionomys gapperi*.

Holotype: USNM 74939. Skin and skull. Adult male. Collected 22 Sep 1895 by C. P. Streater. Original number 4980.

Type Locality: Loring, Revillagigedo Island, Alaska.

***Clethrionomys imaizumii* Jameson**

Pac. Sci. 15: 599, Oct 1961.

= *Myodes imaizumii* (Jameson, 1961). See Musser and Carleton (2005:1024).

Holotype: USNM 324906. Skin and skull. Adult male. Collected 13 Feb 1959 by E. W. Jameson Jr. Original number 1083.

Type Locality: Nachi Falls, 300 m elevation, Wakayama-ken, Honshu, Japan.

***Evotomys alascensis* Miller**

Proc. Acad. Nat. Sci. Phila. 50: 364, 15 Oct 1898b.

= *Myodes rutilus dawsoni* (Merriam, 1888). New name combination; subspecies recognized by Hall (1981:778) and Batzli (1999b:617) under *Clethrionomys rutilus*.

Holotype: USNM 14359/22226. Skin and skull. Adult male. Collected 26 Oct 1879 by E. W. Nelson. Original number 96.

Type Locality: Saint Michael's, [Norton Sound], Alaska.

***Evotomys californicus* Merriam**

N. Am. Fauna 4: 26, 8 Oct 1890b.

= *Myodes californicus californicus* (Merriam, 1890). New name combination; subspecies recognized by Hall (1981:784) and Alexander (1999:613) under *Clethrionomys californicus*.

Holotype: USNM 17011/23920. Skin and skull. Adult male.

Collected 3 Jun 1889 by T. S. Palmer. Original number 110.

Type Locality: Eureka, Humboldt County, California.

***Evotomys carolinensis* Merriam**

Am. J. Sci. (Ser. 3) 36: 460, Dec 1888d.

= *Myodes gapperi carolinensis* (Merriam, 1888). New name combination; subspecies recognized by Hall (1981:784) and Merritt (1999a:615) under *Clethrionomys gapperi*.

Holotype: USNM 186490. [In alcohol]. Adult female. Collected 11 Aug 1887 by C. H. Merriam. No original number. Merriam collection number 3660.

Type Locality: [MCC: Summit] Roan Mountain, altitude 6,000 ft (1,828 m), [Mitchell County], North Carolina.

Remarks: Published as Merriam collection number 3660; cataloged as USNM 186490 on 19 Oct 1911.

***Evotomys caurinus* V. Bailey**

Proc. Biol. Soc. Wash. 12: 21, 17 Jan 1898c.

= *Myodes gapperi caurinus* (V. Bailey, 1898). New name combination; subspecies recognized by Hall (1981:780) and Merritt (1999a:615) under *Clethrionomys gapperi*.

Holotype: USNM 89460. [Skin and skull]. Adult male. Collected 18 Jul 1897 by E. A. Preble. Original number 2147.

Type Locality: Lund, east shore of Malaspina Inlet, [FC: 185 mi (137 km) northwest of Vancouver], British Columbia, [Canada].

***Evotomys galei* Merriam**

N. Am. Fauna 4: 23, 8 Oct 1890c.

= *Myodes gapperi galei* (Merriam, 1890). New name combination; subspecies recognized by Hall (1981:780) and Merritt (1999a:615) under *Clethrionomys gapperi*.

Holotype: USNM 186491. Skin and skull. Adult female. Collected 13 Jul 1889 by D. Gale. No original number. Merriam collection number 5685/6352.

Type Locality: Near Gold Hill, [V. Bailey (1897:126): Ward, about 6 mi (10 km) above Gold Hill], altitude 9,500 ft (2,896 m), Boulder County, Colorado.

Remarks: Published as Merriam collection number 5685/6352; cataloged as USNM 186491 on 19 Oct 1911.

***Evotomys gapperi athabascaae* Preble**

N. Am. Fauna 27: 178, 26 Oct 1908.

= *Myodes gapperi athabascaae* (Preble, 1908). New name combination; subspecies recognized by Hall (1981:780) and Merritt (1999a:615) under *Clethrionomys gapperi*.

Holotype: USNM 109945. Skin and skull. Adult female, not male as in original description. Collected 27 Jun 1901 by E. A. and A. E. Preble. Original number [FC: EAP] 4235.

Type Locality: Fort Smith, Slave River, near the Athabaska (Alberta)-Mackenzie line, Mackenzie [District, Northwest Territories], Canada.

***Evotomys gapperi brevicaudus* Merriam**

N. Am. Fauna 5: 119, 30 Jul 1891b.

= *Myodes gapperi brevicaudus* (Merriam, 1891). New name combination; subspecies recognized by Hall (1981:780) and Merritt (1999a:615) under *Clethrionomys gapperi*.

Holotype: USNM 186489. Skin and skull. Adult male. Collected 21 Jul 1888 by V. Bailey. Original number 111. Merriam collection number 4507/5142.

Type Locality: [Miller and Rehn (1901:115): 3 mi (4.8 km) north of] Custer, [Miller and Rehn (1901:115): altitude about 6,000 ft (1,828 m)], Black Hills, [Custer County], South Dakota.

Remarks: Published as Merriam collection number 4507/5142; cataloged as USNM 186489 on 19 Oct 1911.

***Evotomys gapperi loringi* V. Bailey**

Proc. Biol. Soc. Wash. 11: 125, 13 May 1897.

= *Myodes gapperi loringi* (V. Bailey, 1897). New name combination; subspecies recognized by Hall (1981:782) and Merritt (1999a:615) under *Clethrionomys gapperi*.

Holotype: USNM 75795. [Skin and skull]. Adult male. Collected 22 Nov 1895 by J. A. Loring. Original number 3438.

Type Locality: Portland, [Traill County], North Dakota.

***Evotomys hercynicus suecicus* Miller**

Proc. Wash. Acad. Sci. 2: 101, 26 Jul 1900b.

= *Myodes glareolus* (Schreber, 1780). See Musser and Carleton (2005:1024).

Holotype: USNM 85046. Skin and skull. Adult female. Collected 6 Aug 1898 by J. A. Loring. Original number 5009.

Type Locality: [FC: Ultuna, 3 mi (4.8 km) south of] Upsala (Uppsala), [Uppsala Municipality, Uppsala], Sweden.

***Evotomys idahoensis* Merriam**

N. Am. Fauna 5: 66, 30 Jul 1891a.

= *Myodes gapperi idahoensis* (Merriam, 1891). New name combination. Subspecies recognized by Hall (1981:781) and Merritt (1999a:615) under *Clethrionomys gapperi*.

Holotype: USNM 24283/31687. Skin and skull. Adult female. Collected 4 Oct 1890 by C. H. Merriam and V. Bailey. Original number [FC: VB] 1936.

Type Locality: Sawtooth or Alturas Lake, east foot of Sawtooth Mountains, [FC: 7,200 ft (1,295 m)], [Blaine County], Idaho.

***Evotomys limitis* V. Bailey**

Proc. Biol. Soc. Wash. 26: 133, 21 May 1913.

= *Myodes gapperi limitis* (V. Bailey, 1913). New name combination; subspecies recognized by Hall (1981:781) and Merritt (1999a:615) under *Clethrionomys gapperi*.

Holotype: USNM 148335. [Skin and skull]. Adult male. Collected 27 Oct 1906 by V. Bailey. Original number 8572.



Type Locality: Willow Creek, a branch of the Gilita, altitude 8,500 ft (2,591 m), Mogollon Mountains, [Catron County], New Mexico.

***Evotomys mazama* Merriam**

Proc. Biol. Soc. Wash. 11: 71, 21 Apr 1897d.

= *Myodes californicus mazama* (Merriam, 1897). New name combination; subspecies recognized by Hall (1981:785) and Alexander (1999:613) under *Clethrionomys californicus*.

Holotype: USNM 79913. [Skin and skull]. Adult male. Collected 15 Aug 1896 by C. H. Merriam and V. Bailey. Original number [FC: VB] 5765.

Type Locality: Crater Lake, [Miller and Rehn (1901:115): Mount Mazama], south end of Cascade Range, altitude 7,000 ft, 2,130 m [FC: 7,000 ft–7,100 ft (2,164 m)], [Klamath County], Oregon.

***Evotomys nivarius* V. Bailey**

Proc. Biol. Soc. Wash. 11: 136, 13 May 1897.

= *Myodes gapperi nivarius* (V. Bailey, 1897). New name combination; subspecies recognized by Hall (1981:782) and Merritt (1999a:615) under *Clethrionomys gapperi*.

Holotype: USNM 66203. Skin and skull. Adult female. Collected 9 Jul 1894 by C. P. Streater. Original number 4025.

Type Locality: [FC: Lake Cushman], northwest slope of Mount Ellinor, altitude 4,000 ft, 1,220 m, Olympic Mountains, [FC: Mason County], Washington.

***Evotomys norvegicus* Miller**

Proc. Wash. Acad. Sci. 2: 93, 26 Jul 1900b.

= *Myodes glareolus* (Schreber, 1780). See Musser and Carleton (2005:1024).

Holotype: USNM 84674. Skin and skull. Adult female. Collected 31 May 1898 by T. Stejneger. Original number 20.

Type Locality: Bergen, [Bergen Municipality, Hordaland], Norway.

***Evotomys obscurus* Merriam**

Proc. Biol. Soc. Wash. 11: 72, 21 Apr 1897d.

= *Myodes californicus obscurus* (Merriam, 1897). New name combination; subspecies recognized by Hall (1981:785) and Alexander (1999:613) under *Clethrionomys californicus*.

Holotype: USNM 80413. [Skin and skull]. Adult male. Collected 29 Aug 1896 by E. A. Preble. Original number 1455.

Type Locality: Prospect, Upper Rogue River Valley at west base of Mount Mazama, altitude about 2,600 ft or 800 m, [FC: Jackson County], Oregon.

***Evotomys occidentalis* Merriam**

N. Am. Fauna 4: 25, 8 Oct 1890b.

= *Myodes gapperi occidentalis* (Merriam, 1890). New name combination; subspecies recognized by Hall (1981:785) and Merritt (1999a:615) under *Clethrionomys gapperi*.

Holotype: USNM 17447/24351. Skin and skull. Adult male. Collected 16 Aug 1889 by T. S. Palmer. Original number 308.

Type Locality: Aberdeen, Chehalis (Grays Harbor) County, Washington.

***Evotomys orca* Merriam**

Proc. Wash. Acad. Sci. 2: 24, 14 Mar 1900a.

= *Myodes rutilus orca* (Merriam, 1900). New name combination; subspecies recognized by Hall (1981:779) and Batzli (1999b:617) under *Clethrionomys rutilus*.

Holotype: USNM 98028. [Skin and skull]. Adult female. Collected 28 Jun 1899 by A. K. Fisher. Original number 2139.

Type Locality: Orca, Prince William Sound, Alaska.

***Evotomys ungava* V. Bailey**

Proc. Biol. Soc. Wash. 11: 130, 13 May 1897.

= *Myodes gapperi ungava* (V. Bailey, 1897). New name combination; subspecies recognized by Hall (1981:784) and Merritt (1999a:615) under *Clethrionomys gapperi*.

Holotype: USNM 186492. Skin and skull. Adult male. Collected 12 May 1883 by L. M. Turner. Original number 317. Merriam collection number 5471/6158.

Type Locality: Fort Chimo (Kuujuaq), Ungava [District, Quebec, Canada].

Remarks: Originally cataloged as USNM 14209, this specimen was exchanged with the Merriam collection and recataloged on 19 Oct 1911 when that collection was donated to USNM.

***Evotomys vasconiae* Miller**

Proc. Wash. Acad. Sci. 2: 96, 26 Jul 1900b.

= *Myodes glareolus* (Schreber, 1780). See Musser and Carleton (2005:1024).

Holotype: USNM 86994. Skin and skull. Adult male. Collected 4 Jul 1899 by R. T. Young. Original number [SL: 625].

Type Locality: Montrejeau, [Haute-Garonne Department], Hautes Pyrenees (Midi-Pyrénées), France.

***Evotomys wrangeli* V. Bailey**

Proc. Biol. Soc. Wash. 11: 120, 13 May 1897.

= *Myodes gapperi wrangeli* (V. Bailey, 1897). New name combination; subspecies recognized by Hall (1981:784) and Merritt (1999a:615) under *Clethrionomys gapperi*.

Holotype: USNM 74724. [Skin and skull]. Adult female. Collected 1 Sep 1895 by C. P. Streater. Original number 4835.

Type Locality: Wrangel (Wrangell), [SL: sea level], [FC: at high tide mark], Wrangel (Wrangell) Island, Alaska.

## Genus *Myopus* Miller, 1910

***Myopus morulus* Hollister**

Smithson. Misc. Collect. 60(14): 1, 29 Nov 1912.

= *Myopus schisticolor* (Lilljeborg, 1844). See Hayman and Holt (1941:561).

Holotype: USNM 175197. Skin and skull. Adult male. Collected 6 Aug 1912 by N. Hollister. Original number 4437.

Type Locality: 5 mi (8 km) south of Tapucha, altitude 6,876 ft (2,096 m) [SL: 6,725 ft (2,050 m)]. Tapucha is 125 mi

(201 km) southwest of Biisk and 50 mi (80 km) northwest of Ongudai on the post road to Kosh-Agatch, Altai Mountains, [Altayskiy], Siberia (Russia).

### Genus *Neacomys* Thomas, 1900

#### *Neacomys pictus* Goldman

Smithson. Misc. Collect. 60(2): 6, 20 Sep 1912a.

Holotype: USNM 178717. [Skin and skull]. Adult male. Collected 13 Mar 1912 by E. A. Goldman. Original number 21512.

Type Locality: Cana (Santa Cruz de Cana), 1,800 ft (549 m), [Miller and Kellogg (1955:442): upper Rio Tuyru, Darien], Panama.

### Genus *Nectomys* Peters, 1861

#### *Nectomys squamipes pollens* Hollister

Proc. Biol. Soc. Wash. 27: 104, 11 May 1914a.

Subspecies recognized by Ernest (1986:1).

Holotype: USNM 121399. Skin and skull. Adult male. Collected 27 Jul 1902 by W. Foster. Original number 800.

Type Locality: Sapucay, [Paraguari], Paraguay.

#### *Nectomys squamipes tarrensis* Hershkovitz

Proc. U.S. Natl. Mus. 98: 51, 30 Jun 1948a.

= *Nectomys rattus* (Pelzein, 1883). See Musser and Carleton (2005:1133).

Holotype: USNM 279741. Skin and skull. Adult male. Collected 8 Aug 1943, not 6 as in original description, by P. Hershkovitz. Original number 2319.

Type Locality: Rio Tarra, altitude 250 m, [SL: San Calixto], upper Rio Catatumbo, department of Norte de Santander, Colombia.

#### *Nectomys squamipes vallensis* Hershkovitz

Misc. Publ. Mus. Zool. Univ. Mich. 58: 61, 4 Jan 1944.

= *Nectomys apicalis* Peters, 1861. See Musser and Carleton (2005:1132).

Holotype: USNM 194911. Skin and skull. Adult male. Collected by E. C. Erdis. Original number 12. Number 577 of the Yale University–National Geographic Society's Peruvian Expedition, 1914–1915.

Type Locality: Santa Ana, altitude 3,480 ft (1,061 m), Rio Urubamba Valley, department of Cuzco (Cusco), Peru.

### Genus *Nelsonia* Merriam, 1897

#### *Nelsonia goldmani* Merriam

Proc. Biol. Soc. Wash. 16: 80, 29 May 1903a.

= *Nelsonia goldmani goldmani* Merriam, 1903. See Engstrom et al. (1992:880).

Holotype: USNM 125818. [Skin and skull]. Adult male. Collected 25 Feb 1903 by E. W. Nelson and E. A. Goldman. Original number 16021.

Type Locality: Mount Tancitaro, [FC: altitude about 9,000 ft (2,743 m)], Michoacan, Mexico.

#### *Nelsonia neotomodon* Merriam

Proc. Biol. Soc. Wash. 11: 278, 17 Dec 1897e.

Holotype: USNM 90891. [Skin and skull]. Adult male. Collected 3 Sep 1897 by E. W. Nelson and E. A. Goldman. Original number 11625.

Type Locality: Mountains near Plateado, altitude 2,500 m or 8,200 ft [FC: 8,500 ft (2,591 m)], Zacatecas, Mexico.

### Genus *Neodon* Horsfield, 1841

#### *Microtus pamirensis* Miller

Proc. Acad. Nat. Sci. Phila. 51: 287, 9 Aug 1899a.

= *Neodon juldaschi* (Severtzov, 1879). See Hayman and Holt (1941:620).

Holotype: USNM 62161. Skin and skull. Adult male. Collected 18 Jun 1894 by W. L. Abbott. No original number.

Type Locality: Tagdumbash Pamir, altitude 12,000 ft (3,658 m), [Xinjiang], Central Asia (China).

### Genus *Neofiber* True, 1884

#### *Neofiber alleni* True

Science 4: 34, 11 Jul 1884.

= *Neofiber alleni alleni* True, 1884. See Miller (1924:424); subspecies recognized by Hall (1981:823) and Birkenholz (1999:651).

Holotype: USNM 1405/21948. [Originally in alcohol, now a skin, skull, skeleton, and viscera in alcohol]. [Lyon and Osgood (1909:80): Adult male]. Collected on unknown date by [Bangs (1898:183): F. Ulrich]. Received from W. Wittfeld 24 Dec 1883; cataloged 17 Jan 1884. No original number.

Type Locality: Georgiana, [Bangs (1898:183): Merritt Island], [Brevard County], Florida.

Remarks: Type not designated by number in original description. Lyon and Osgood (1909:80) indicated that True said this was the original specimen, and according to museum records, it was the only *Neofiber* in the collection at the time of publication and was the only *Neofiber* in the series of nine specimens received from Wittfeld at that time. Holotype fixed by monotypy (ICZN, 1999: Article 73.1.2).

#### *Neofiber alleni apalachicola* Schwartz

Occas. Pap. Mus. Zool. Univ. Mich. 547: 14, 29 Jul 1953.

Subspecies recognized by Hall (1981:823) and Birkenholz (1999:651).

Holotype: USNM 263704. Skin and skull. Adult male. Collected 11 Apr 1938 by L. C. Goldman. Original number 569.

Type Locality: Apalachicola, east side of [FC: Apalachicola] River, Franklin County, Florida.

#### *Neofiber alleni nigrescens* A. H. Howell

J. Mammal. 1: 79, 2 Mar 1920a.

Subspecies recognized by Hall (1981:823) and Birkenholz (1999:651).

Holotype: USNM 228392. Skin and skull. Adult male. Collected 2 Mar 1918 by A. H. Howell. Original number 2269.

Type Locality: Ritta [Island], south shore of Lake Okeechobee, [Palm Beach County], Florida.

### Genus *Neotoma* Say and Ord, 1825

#### *Neotoma albigula mearnsi* Goldman

Proc. Biol. Soc. Wash. 28: 135, 29 Jun 1915a.

Subspecies recognized by Hall (1981:753) and Mares (1999:598).

Holotype: USNM 202981. [Skin and skull]. Adult male. Collected 21 Nov 1913 by E. A. Goldman. Original number 22300.

Type Locality: Tinajas Altas, [SL and FC: east base of Gila Mountains, altitude about 1,400 ft (427 m)], near international boundary, [Yuma County], southwestern Arizona.

#### *Neotoma albigula seri* Townsend

Bull. Am. Mus. Nat. Hist. 31: 125, 14 Jun 1912.

Subspecies recognized by Hall (1981:753) and Mares (1999:598).

Holotype: USNM 198404. [Skin and skull]. Male, age not given. Collected [SL: 13] Apr 1911 by [SL: H. E. Anthony. Original number 157].

Type Locality: Tiburon Island, [Gulf of California, Sonora, Mexico].

Remarks: Townsend (1912:125) identified American Museum of Natural History (AMNH) 31940 as the type of his new subspecies; the specimen was recataloged as USNM 198404 on 26 Jun 1914.

#### *Neotoma albigula sheldoni* Goldman

Proc. Biol. Soc. Wash. 28: 136, 29 Jun 1915a.

Subspecies recognized by Hall (1981:753) and Mares (1999:598).

Holotype: USNM 206812. [Skin and skull]. Adult male. Collected in 1915 by C. Sheldon. Original number [SL: 19. 11956- X].

Type Locality: Papago Tanks, Pinacate Mountains, Sonora, Mexico.

#### *Neotoma albigula warreni* Merriam

Proc. Biol. Soc. Wash. 21: 143, 9 Jun 1908b.

= *Neotoma leucodon warreni* Merriam, 1908. New name combination; subspecies recognized by Hall (1981:754) and Mares (1999:598) under *N. albigula*.

Holotype: USNM 151051. [Skin and skull]. Adult male. Collected 28 Nov 1907 by M. Cary. Original number [SL: 1271].

Type Locality: Guames Ranch, altitude 4,600 ft (1,402 m), [FC: Shell Rock Canyon], northwest corner of Baca County, Colorado.

#### *Neotoma arizonae* Merriam

Proc. Biol. Soc. Wash. 8: 110, 31 Jul 1893.

= *Neotoma cinerea arizonae* Merriam, 1893. See Goldman (1910:106); subspecies recognized by Hall (1981:768) and Grayson (1999:600).

Holotype: USNM 186482. Skin and skull. Adult female. Collected 21 May 1888 by J. Sullivan. Original number [MCC: 14]. Merriam collection number 4249/4980.

Type Locality: Keam[s] Canyon, Apache (Navajo) County, Arizona.

Remarks: Published as Merriam collection number 4249/4980; cataloged as USNM 186482 on 26 Jun 1911.

#### *Neotoma baileyi* Merriam

Proc. Biol. Soc. Wash. 9: 123, 2 Jul 1894b.

= *Neotoma floridana baileyi* Merriam, 1894. See V. Bailey (1905:109); subspecies recognized by Hall (1981:748) and Post (1999:603).

Holotype: USNM 186483. Skin and skull. Adult female. Collected 16 Jun 1888 by V. Bailey. Original number 41. Merriam collection number 4311/5034.

Type Locality: [FC: Clarks Canyon near] Valentine, [Cherry County], Nebraska.

Remarks: Published as Merriam collection number 4311/5034; cataloged as USNM 186483 on 18 Oct 1911.

#### *Neotoma bryanti* Merriam

Am. Nat. 21: 191, Feb 1887a.

= *Neotoma bryanti bryanti* Merriam, 1887. See Patton et al. (2008:375) for current use.

Holotype: USNM 186481. Skin in alcohol, skull removed. Immature male. Collected 11 Jan 1885 by W. E. Bryant. Original number [MCC: 69a]. Merriam collection number 2838/1833.

Type Locality: Cerros (Cedros) Island, altitude about 2,000 ft (610 m), lat. 28°12'N, off Lower California (Baja California), [Mexico].

Remarks: Published as Merriam collection number 2838/1833; cataloged as USNM 186481 on 18 Oct 1911.

#### *Neotoma cinerea lucida* Goldman

Proc. Biol. Soc. Wash. 30: 111, 23 May 1917.

Subspecies recognized by Hall (1981:769) and Grayson (1999:600).

Holotype: USNM 208968. [Skin and skull]. Adult female. Collected 1 Jul 1915 by L. J. Goldman. Original number 2282.

Type Locality: [SL and FC: North base] Charleston Peak, Charleston Mountains, [Clark County], Nevada.

#### *Neotoma cumulator* Mearns

Proc. U.S. Natl. Mus. 20: 3, 5 Mar 1897b. Preprint of Proc. U.S. Natl. Mus. 20: 503, 19 Jan 1898.

= *Neotoma albigula venusta* True, 1894. See Goldman (1910:34); subspecies recognized by Hall (1981:753) and Mares (1999:598).

Holotype: USNM 60348. Skin and skull. Adult male. Collected 2 Apr 1894 by E. A. Mearns [and SL: F. X. Holzner]. Original number 3473.

Type Locality: Old Fort Yuma, San Diego (Imperial) County, California, [Miller (1924:379): on right bank of Colorado River opposite present town of Yuma, Arizona].

***Neotoma desertorum* Merriam**

Proc. Biol. Soc. Wash. 9: 125, 2 Jul 1894b.

= *Neotoma lepida lepida* Thomas, 1893. See Goldman (1932b:61); subspecies recognized by Patton et al. (2008:386).

Holotype: USNM 25739/33139. Skin and skull. Adult male. Collected 31 Jan 1891 by T. S. Palmer. Original number 43.

Type Locality: Furnace Creek, Death Valley, [Inyo County], California.

***Neotoma desertorum sola* Merriam**

Proc. Biol. Soc. Wash. 9: 126, 2 Jul 1894b.

= *Neotoma bryanti intermedia* Rhoads, 1894. See Patton et al. (2008:379).

Lectotype: USNM 31516 as designated by Jones and Fisher (1973:435). Skin only. Adult male. Collected 24 October 1891 by E. W. Nelson. Original number 1369.

Type Locality: San Emigdio, Kern County, California.

Remarks: As explained by Jones and Fisher (1973:435), the holotype, USNM 31516/43381, of Merriam's new subspecies was a composite, the skin an example of *N. lepida gilva* and the skull of *N. fuscipes*. They designated the skin as the lectotype.

***Neotoma fallax* Merriam**

Proc. Biol. Soc. Wash. 9: 123, 2 Jul 1894b.

= *Neotoma mexicana fallax* Merriam, 1894. See Goldman (1910:56); subspecies recognized by Hall (1981:762) and Cornely (1999b:609).

Holotype: USNM 186484. Skin and skull. Adult male. Collected 1 Nov 1889 by D. Gale. No original number. Merriam collection number 5678/6345.

Type Locality: Gold Hill, [MCC: 5,500 ft (1,676 m)], Boulder County, Colorado.

Remarks: Published as Merriam collection number 5678/6345; cataloged as USNM 186484 on 19 Oct 1911.

***Neotoma ferruginea chamula* Goldman**

Proc. Biol. Soc. Wash. 22: 141, 25 Jun 1909.

= *Neotoma mexicana chamula* Goldman, 1909. See Hall (1955:329); subspecies recognized by Hall (1981:761) and Cornely (1999b:609).

Holotype: USNM 76061. [Skin and skull]. Adult female, not male as in original description. Collected 29 Sep 1895 by E. W. Nelson and E. A. Goldman. Original number 8489.

Type Locality: Mountains near San Cristobal, [SL and FC: 9,500 ft (2,896 m)], not 8,400 ft as in original description, Chiapas, Mexico.

***Neotoma ferruginea ochracea* Goldman**

Proc. Biol. Soc. Wash. 18: 30, 2 Feb 1905.

= *Neotoma mexicana ochracea* Goldman, 1905. See Hall (1955:330); subspecies recognized by Hall (1981:762) and Cornely (1999b:609).

Holotype: USNM 34142/46219. Skin and skull. Nearly adult male. Collected 21 May 1892 by E. W. Nelson. Original number 2653.

Type Locality: Atemajac, altitude about 4,500 ft (1,372 m), near Guadalajara, Jalisco, Mexico.

***Neotoma ferruginea solitaria* Goldman**

Proc. Biol. Soc. Wash. 18: 31, 2 Feb 1905.

= *Neotoma mexicana solitaria* Goldman, 1905. See Hall (1955:331); subspecies recognized by Hall (1981:763) and Cornely (1999b:609).

Holotype: USNM 76908. [Skin and skull]. Adult male. Collected 17 Dec 1895 by E. W. Nelson and E. A. Goldman. Original number 8813.

Type Locality: Nenton, altitude 3,500 ft (1,067 m), [Huehuetenango], Guatemala.

***Neotoma floridana illinoensis* A. H. Howell**

Proc. Biol. Soc. Wash. 23: 28, 23 Mar 1910.

Subspecies recognized by Hall (1981:749) and Post (1999:603).

Holotype: USNM 167752. [Skin and skull]. Adult female. Collected 12 Jan 1910 by J. Johnson. No original number. [SL: 7778-X].

Type Locality: Wolf Lake, [Union County], Illinois.

***Neotoma fulviventer* Merriam**

Proc. Biol. Soc. Wash. 9: 121, 2 Jul 1894b.

= *Neotoma mexicana torquata* Ward, 1891. See Hall (1955:331); subspecies recognized by Hall (1981:763) and Cornely (1999b:609).

Holotype: USNM 50165. [Skin and skull]. Adult female. Collected 5 Nov 1892 by E. W. Nelson. Original number 3744.

Type Locality: Toluca Valley, [FC: 9,000 ft (2,743 m)], [Mexico], Mexico.

***Neotoma fuscipes* Baird**

Mammals Rep. Explor. Surv. 8(1): 495, 1857.

= *Neotoma fuscipes fuscipes* Baird, 1857. See Miller (1912a:199); subspecies recognized by Hall (1981:765) and Cranford (1999:604).

Holotype: USNM 22026. [Skeleton. Adult] male. Collected Feb 1856 by E. Samuels. No original number.

Type Locality: Petaluma, [Sonoma County], California.

Remarks: Specimen originally cataloged 10 Apr 1857 as USNM 2679 in alcohol; later prepared as a skeleton and assigned its current USNM number on 9 Mar 1885.

***Neotoma fuscipes dispar* Merriam**

Proc. Biol. Soc. Wash. 9: 124, 2 Jul 1894b.

= *Neotoma macrotis simplex* True, 1894. New name combination; subspecies recognized by Hall (1981:767) and Cranford (1999:604) under *N. fuscipes*.

Holotype: USNM 25391/32804. Skin and skull. Adult male. Collected 25 Dec 1890 by [SL: V. Bailey]. Original number 2310. Type Locality: Lone Pine, Owens Valley, [Inyo County], California.

***Neotoma fuscipes streatori* Merriam**

Proc. Biol. Soc. Wash. 9: 124, 2 Jul 1894b.

= *Neotoma macrotis streatori* Merriam, 1894. New name combination; subspecies recognized by Hall (1981:767) and Cranford (1999:604) under *N. fuscipes*.

Holotype: USNM 64439. [Skin and skull]. Adult male. Collected 4 Apr 1894 by C. P. Streater. Original number 3685.

Type Locality: Carbondale, Amador County, California.

***Neotoma goldmani* Merriam**

Proc. Biol. Soc. Wash. 16: 48, 19 Mar 1903b.

Holotype: USNM 116894. [Skin and skull]. Young adult male. Collected 18 Apr 1902 by E. W. Nelson and E. A. Goldman. Original number 15101.

Type Locality: Saltillo, [FC: altitude 5,000 ft (1,524 m)], Coahuila, Mexico.

***Neotoma insularis* Townsend**

Bull. Am. Mus. Nat. Hist. 31: 125, 14 Jun 1912.

See Patton et al. (2008:381) for current use.

Holotype: USNM 198405. [Skin and skull]. Age not given, male, not female as given in original description. Collected 11 Apr 1911 by [SL: H. E. Anthony]. Original number 136.

Type Locality: Angel de la Guardia Island, [Gulf of California], Lower California (Baja California), [Mexico].

Remarks: Published incorrectly as AMNH number 21922; should be AMNH 31922; cataloged as USNM 198405 on 26 Jun 1914.

***Neotoma intermedia angusticeps* Merriam**

Proc. Biol. Soc. Wash. 9: 127, 2 Jul 1894b.

= *Neotoma albigula albigula* Hartley, 1894. See Goldman (1910:31); subspecies recognized by Hall (1981:752) and Mares (1999:598).

Holotype: USNM 186485. Skin and skull. Adult male. Collected 12 Apr 1886 by A. W. Anthony. Original number 62. Merriam collection number 2325/2833.

Type Locality: Southwest corner of Grant (Hidalgo) County, 5 mi (8 km) from Mexican Boundary, New Mexico.

Remarks: Published as Merriam collection number 2325/2833; cataloged as USNM 186485 on 19 Oct 1911.

***Neotoma intermedia devia* Goldman**

Proc. Biol. Soc. Wash. 40: 205, 2 Dec 1927.

= *Neotoma devia* Goldman, 1927. See Musser and Carleton (2005:1055) and Patton et al. (2008:388).

Holotype: USNM 226376. [Skin and skull]. Adult female. Collected 27 Jul 1917 by E. A. Goldman. Original number 23152.

Type Locality: Tanner Tank, altitude 5,200 ft (1,585 m), Painted Desert, [Coconino County], Arizona.

***Neotoma intermedia melanura* Merriam**

Proc. Biol. Soc. Wash. 9: 127, 2 Jul 1894b.

= *Neotoma albigula melanura* Merriam, 1894. See Goldman (1910:35); subspecies recognized by Hall (1981:752) and Mares (1999:598).

Holotype: USNM 17819/24756. Skin and skull. Young adult male. Collected 13 Nov 1889 by V. Bailey. Original number 671.

Type Locality: Ortiz, Sonora, Mexico.

***Neotoma intermedia notia* Nelson and Goldman**

Proc. Biol. Soc. Wash. 44: 108, 17 Oct 1931a.

= *Neotoma bryanti bryanti* Merriam, 1887. See Patton et al. (2008:375) for current use.

Holotype: USNM 146794. [Skin and skull]. Adult male. Collected 27 Jan 1906 by [E. W.] Nelson and [E. A.] Goldman. Original number 19017.

Type Locality: La Laguna, altitude 5,500 ft (1,676 m), Sierra de la Victoria, southern Lower California (Baja California Sur), Mexico.

***Neotoma intermedia perpallida* Goldman**

Proc. Biol. Soc. Wash. 22: 139, 25 Jun 1909.

= *Neotoma bryanti bryanti* Merriam, 1887. See Patton et al. (2008:375) for current use.

Holotype: USNM 79061. [Skin and skull]. Young adult male. Collected 4 Aug 1895 by J. E. McLellan. Original number 1449.

Type Locality: San Jose Island, [Gulf of California], off east coast of Lower California (Baja California Sur), Mexico.

***Neotoma intermedia pretiosa* Goldman**

Proc. Biol. Soc. Wash. 22: 139, 25 Jun 1909.

= *Neotoma bryanti bryanti* Merriam, 1887. See Patton et al. (2008:375) for current use.

Holotype: USNM 146123. [Skin and skull]. Adult male. Collected 17 Nov 1905 by E. W. Nelson and E. A. Goldman. Original number 18589.

Type Locality: Matancita, also called Soledad, altitude 100 ft (30 m), [FC: 75 ft (23 m)], 50 mi (80 km) north of Magdalena Bay, Lower California (Baja California Sur), Mexico.

***Neotoma intermedia ravida* Nelson and Goldman**

Proc. Biol. Soc. Wash. 44: 107, 17 Oct 1931a.

= *Neotoma bryanti bryanti* Merriam, 1887. See Patton et al. (2008:375) for current use.

Holotype: USNM 140692. [Skin and skull]. Adult male. Collected 7 Nov 1905 by [E. W.] Nelson and [E. A.] Goldman. Original number 18476.

Type Locality: Comondu, altitude 700 ft (213 m), southern Lower California (Baja California Sur), Mexico.

***Neotoma intermedia vicina* Goldman**

Proc. Biol. Soc. Wash. 22: 140, 25 Jun 1909.

= *Neotoma bryanti bryanti* Merriam, 1887. See Patton et al. (2008:378) for current use.

Holotype: USNM 146803. [Skin and skull]. Adult male. Collected 9 Feb 1906 by E. W. Nelson and E. A. Goldman. Original number 19082.

Type Locality: Espiritu Santo Island, [FC: altitude 30 ft (9 m)], [Gulf of California], off coast of southern Lower California (Baja California Sur), Mexico.

***Neotoma isthmica* Goldman**

Proc. Biol. Soc. Wash. 17: 80, 21 Mar 1904.

= *Neotoma mexicana isthmica* Goldman, 1904. See Hall (1955: 330); subspecies recognized by Hall (1981:762) and Cornely (1999:609).

Holotype: USNM 73187. [Skin and skull]. Adult female. Collected 5 May 1895 by E. W. Nelson and E. A. Goldman. Original number 7843.

Type Locality: Huilotepec, 8 mi (13 km) south of Tehuantepec, altitude 100 ft (30 m), Oaxaca, Mexico.

***Neotoma latifrons* Merriam**

Proc. Biol. Soc. Wash. 9: 121, 2 Jul 1894b.

= *Neotoma leucodon latifrons* Merriam, 1894. New name combination; subspecies recognized by Hall (1981:753) and Mares (1999:598) under *N. albigula*.

Holotype: USNM 50135. [Skin and skull]. Adult male. Collected 8 Aug 1892 by E. W. Nelson. Original number 3058.

Type Locality: Querendaro, [FC: altitude 5,800 ft (1,768 m)], Michoacan, Mexico.

***Neotoma lepida marshalli* Goldman**

J. Mammal. 20: 357, 14 Aug 1939.

Subspecies recognized by Hall (1981:757) and MacMillen (1999: 606).

Holotype: USNM 263984. Skin and skull. Adult female. Collected 2 Jul 1938 by W. H. Marshall. Original number 216.

Type Locality: Carrington Island, Great Salt Lake, altitude about 4,250 ft (1,295 m), [Tooele County], Utah.

***Neotoma lepida monstrabilis* Goldman**

J. Mammal. 13: 62, 9 Feb 1932b.

Subspecies recognized by Hall (1981:757) and MacMillen (1999: 606).

Holotype: USNM 243123. [Skin and skull]. Adult male. Collected 10 Oct 1922 by E. A. Goldman. Original number 23379.

Type Locality: Ryan, altitude 6,000 ft (1,829 m), Kaibab National Forest, Coconino County, Arizona.

***Neotoma leucodon* Merriam**

Proc. Biol. Soc. Wash. 9: 120, 2 Jul 1894b.

= *Neotoma leucodon leucodon* Merriam, 1894; subspecies recognized by Hall (1981:757) and Mares (1999:598) under *N. albigula*.

Holotype: USNM 50137. [Skin and skull]. Adult male. Collected 14 Aug 1892 by E. W. Nelson. Original number 3076.

Type Locality: San Luis Potosi, [FC: altitude about 6,000 ft (1,829 m)], [SL and FC: San Luis Potosi], Mexico.

***Neotoma leucodon zacatecae* Goldman**

Proc. Biol. Soc. Wash. 18: 30, 2 Feb 1905.

= *Neotoma leucodon leucodon* Merriam, 1894. See Hall and Genoways (1970:514), who placed *zacatecae* in the subspecies *leucodon* in the species *albigula*. Subspecies recognized by Hall (1981:757) and Mares (1999:598) under *N. albigula*.

Holotype: USNM 90957. [Skin and skull]. Adult female. Collected 4 Sep 1897 by E. W. Nelson and E. A. Goldman. Original number 11641.

Type Locality: Plateado, altitude 7,600 ft (2,316 m), Zacatecas, Mexico.

***Neotoma macrotis simplex* True**

Proc. U.S. Natl. Mus. 17: 2, 2 Jun 1894e. Preprint of Proc. U.S. Natl. Mus. 17: 354, 15 Nov 1894f.

Subspecies recognized by Hall (1981:767) and Cranford (1999: 604) under *N. fuscipes*.

Holotype: USNM 3651/3597. Skin and skull. [Lyon and Osgood (1909:105): Adult male]. Collected 1857–1858 by J. Xantus. [MC: Original number 785/786. Cataloged 24 Mar 1859].

Type Locality: [Miller and Rehn (1901:105) Old] Fort Tejon, [Miller and Rehn (1901:105): in mountains south of Kern Lake, Kern County], [Miller (1924:390): Tehachapi Mountains], California.

Remarks: Original description gives measurements for skull number 3598.

***N[eotoma] magister* Baird**

Mammals Rep. Explor. Surv. 8(1): 498, 1857.

Syntypes, as designated by Lyon and Osgood (1909:100):

USNM 12206. Partial left mandible.

USNM 12207. Partial right mandible.

USNM 12208. Partial right mandible.

USNM 12209. Partial right mandible.

USNM 12210. Partial left mandible. Noted as missing in 1940 by Poole and Schantz (1942:292) and still cannot be found.

USNM 12211. Partial left mandible.

USNM 12212. Partial left mandible.

USNM 12213. Partial right mandible.

USNM 12214. Fragment of left premaxilla.

Collected by S. F. Baird, date unknown. Cataloged 24 Oct 1872.

Type Locality: A cave near Carlisle, Pennsylvania.

Remarks: The locality given by Baird (1857:498) is actually “in the Bone Caves of Pennsylvania,” and the accession record, 1664, says “from Caves near Carlisle, Pa,” but the singular Cave was used in designating the syntypes and therefore becomes the type locality.

***Neotoma martinensis* Goldman**

Proc. Biol. Soc. Wash. 18: 28, 2 Feb 1905.

= *Neotoma bryanti martinensis* Goldman, 1905. See Patton et al. (2008:380) for current use.

Holotype: USNM 81074. [Skin and skull]. Adult female. Collected 17 Jul 1896 by A. W. Anthony. Original number 39.

Type Locality: San Martin Island, Lower California (Baja California), Mexico.

***Neotoma mexicana* Baird**

Proc. Acad. Nat. Sci. Phila. 7: 333, reported favorably for publication 24 Apr 1855a; received 15 Jun 1855 by the American Philosophical Society.

= *Neotoma mexicana mexicana* Baird, 1855; subspecies recognized by Hall (1981:762) and Cornely (1999b:609).

Holotype: USNM 289/1674. [Skin, cannot be found, and skull]. [Lyon and Osgood (1909:101): Adult], sex unknown. Collected by J. Potts, date unknown. [MC: Skin cataloged 6 Jul 1854; skull 10 Mar 1855].

Type Locality: [Miller and Rehn (1901:106): Mountains] near Chihuahua [Baird (1857:492): City], [Chihuahua, Mexico].

Remarks: Type not designated by number in original description. The list of specimens in Baird (1857:492) shows that USNM 289/1674 is the only one from the type locality collected by Potts, as reasoned by Lyon and Osgood (1909:101) and affirmed by Poole and Schantz (1942:293). As there is no reason to believe Baird had more than one specimen, the holotype is fixed by monotypy (ICZN, 1999: Articles 72.4.1.1 and 73.1.2).

***Neotoma mexicana bullata* Merriam**

Proc. Biol. Soc. Wash. 9: 122, 2 Jul 1894b.

Subspecies recognized by Hall (1981:761) and Cornely (1999b:609).

Holotype: USNM 16863/23774. Skin and skull. Adult male. Collected 1 Jun 1889 by V. Bailey. Original number 114.

Type Locality: Santa Catalina Mountains, [Pima County], Arizona.

***Neotoma mexicana inopinata* Goldman**

J. Wash. Acad. Sci. 23: 471, 15 Oct 1933.

Subspecies recognized by Hall (1981:762) and Cornely (1999b:609).

Holotype: USNM 158395. Skin and skull. Adult male. Collected 8 Oct 1908 by C. Birdseye. Original number 246.

Type Locality: Chuska Mountains, altitude 8,800 ft (2,682 m), [Miller and Kellogg (1955:545): San Juan County], northwestern New Mexico.

***Neotoma mexicana inornata* Goldman**

Proc. Biol. Soc. Wash. 51: 60, 18 Mar 1938d.

Subspecies recognized by Hall (1981:762) and Cornely (1999b:609).

Holotype: USNM 263386. Skin and skull. Adult male. Collected 22 Sep 1937 by R. S. Sturgis. Original number 79. [SL: 28074-X].

Type Locality: Carmen Mountains, altitude 6,100 ft (1,859 m), Coahuila, Mexico.

***Neotoma mexicana madrensis* Goldman**

Proc. Biol. Soc. Wash. 18: 31, 2 Feb 1905.

= *Neotoma mexicana mexicana* Baird, 1855. See Anderson (1972:363); subspecies recognized by Hall (1981:762) and Cornely (1999b:609).

Holotype: USNM 95244. [Skin and skull]. Adult female. Collected 26 Aug 1898 by E. W. Nelson and E. A. Goldman. Original number 12918.

Type Locality: Sierra Madre, near Guadalupe y Calvo, altitude 7,000 ft (2,134 m), Chihuahua, Mexico.

***Neotoma micropus* Baird**

Proc. Acad. Nat. Sci. Phila. 7: 333, reported favorably for publication 24 Apr 1855a; received 15 Jun 1855 by the American Philosophical Society.

= *Neotoma micropus micropus* Baird, 1855; subspecies recognized by Hall (1981:751) and Braun (1999:610).

Lectotype: USNM 554/1676 as selected by Lyon and Osgood (1909:102). [Skull only; skin cannot be found]. [Lyon and Osgood (1909:101): Adult] [MC: male]. Collected [MC: Mar 1853] by Lieut. [D. N.] Couch. Original number [Baird (1857:435): 86].

Type Locality: Charco Escondido, [Tamaulipas], Mexico.

Remarks: Type not designated by number in original description. Lyon and Osgood (1909:102) considered USNM 554/1676 to be the type that constituted selection of lectotype (ICZN, 1999: Article 74.5). The museum catalog for USNM 554 is marked “not found 1902,” lined through, and replaced by “In coll. 17 Nov 1916.” However, it was reported as missing by both Lyon and Osgood (1909:102) and Poole and Schantz (1942:294).

***Neotoma micropus leucophaea* Goldman**

J. Wash. Acad. Sci. 23: 472, 15 Oct 1933.

Subspecies recognized by Hall (1981:751) and Braun (1999:610). Holotype: USNM 251057. Skin and skull. Adult male. Collected 6 May 1933 by W. P. Taylor. Original number [SL and XC: A204]. [SL: 27347-X].

Type Locality: White Sands, 10 mi (16 km) west of Point of Sands, White Sands National Monument, altitude 4,100 ft (1,250 m), Otero (Doña Ana) County, New Mexico.

***Neotoma micropus littoralis* Goldman**

Proc. Biol. Soc. Wash. 18: 31, 2 Feb 1905.

Subspecies recognized by Hall (1981:751) and Braun (1999:610). Holotype: USNM 92952. [Skin and skull]. Adult male. Collected 10 Apr 1898 by E. A. Goldman. Original number [FC: Nelson and Goldman] 12281.

Type Locality: Alta Mira, altitude 100 ft (30 m) [FC: about 75 ft (23 m)], Tamaulipas, Mexico.

***Neotoma micropus planiceps* Goldman**

Proc. Biol. Soc. Wash. 18: 32, 2 Feb 1905.

Subspecies recognized by Hall (1981:751) and Braun (1999:610).

Holotype: USNM 82105. [Skin and skull]. Adult male. Collected 16 Jan 1897 by E. W. Nelson and E. A. Goldman. Original number 10461.

Type Locality: Rio Verde, altitude [FC: about] 3,000 ft (914 m), San Luis Potosi, Mexico.

***Neotoma montezumae* Goldman**

Proc. Biol. Soc. Wash. 18: 29, 2 Feb 1905.

= *Neotoma leucodon leucodon* Merriam, 1894. See Hall and Genoways (1970:515), who placed *montezumae* in the part of *N. albigula* that is now *N. leucodon*; subspecies recognized by Hall (1981:753) and Mares (1999:598) under *N. albigula*.

Holotype: USNM 81426. [Skin and skull]. Adult male. Collected 17 Oct 1896 by E. W. Nelson and E. A. Goldman. Original number 10275.

Type Locality: Zimapan, altitude 7,500 ft (2,286 m) [FC: 6,200 ft (1,890 m)], Hidalgo, Mexico.

***Neotoma navus* Merriam**

Proc. Biol. Soc. Wash. 16: 47, 19 Mar 1903b.

= *Neotoma mexicana navus* Merriam, 1903. See Hall (1955:330); subspecies recognized by Hall (1981:762) and Cornely (1999b:609).

Holotype: USNM 116895. [Skin and skull]. Adult female. Collected 26 Apr 1902 by E. W. Nelson and E. A. Goldman. Original number 15130.

Type Locality: Sierra Guadalupe, [FC: about 6,500 ft (1,981 m)], Coahuila, Mexico.

***Neotoma nelsoni* Goldman**

Proc. Biol. Soc. Wash. 18: 29, 2 Feb 1905.

Holotype: USNM 54320. [Skin and skull]. Adult female. Collected 3 Jun 1893 by E. W. Nelson. Original number 4935.

Type Locality: Perote, altitude 7,800 ft (2,377 m), Veracruz, Mexico.

***Neotoma nudicauda* Goldman**

Proc. Biol. Soc. Wash. 18: 28, 2 Feb 1905.

= *Neotoma bryanti bryanti* Merriam, 1887. See Patton et al. (2008:375).

Holotype: USNM 79073. [Skin and skull]. Nearly adult female. Collected 14 Oct 1895 by J. E. McLellan. Original number 1517.

Type Locality: Carmen Island, [Gulf of California], Lower California (Baja California Sur), Mexico.

***Neotoma occidentalis* Baird**

Proc. Acad. Nat. Sci. Phila. 7: 335, reported favorably for publication 24 Apr 1855b. Received 15 Jun 1855 by the American Philosophical Society.

= *Neotoma cinerea occidentalis* Baird, 1855. See Merriam (1891a:58); subspecies recognized by Hall (1981:769) and Grayson (1999:600).

Lectotype: USNM 572 as designated by Lyon and Osgood (1909:103). [Skin only, formerly mounted; no record of a skull]. [Lyon and Osgood (1909:102): Adult] [SL: male]. Collected [SL: 1854], [Lyon and Osgood (1909:102): probably Jun] by J. G. Cooper. Original number [SL: 16.]. [MC: Cataloged 14 Mar 1855].

Type Locality: Shoalwater (Willapa) Bay, [Pacific County, Washington].

Remarks: Type not designated by number in original description. Lyon and Osgood (1909:103) examined measurements given in Baird (1857:497) of the three specimens from the type locality and determined that USNM 572 was the only one whose measurements matched those given in the original description and considered it the type = lectotype (ICZN, 1999: Article 74.5).

***Neotoma occidentalis fusca* True**

Proc. U.S. Natl. Mus. 17: 2, 27 Jun 1894e. Preprint of Proc. U.S. Natl. Mus. 17: 354, 15 Nov 1894f.

= *Neotoma cinerea fusca* True, 1894. See Trouessart (1897:544); subspecies recognized by Hall (1981:769) and Grayson (1999:600).

Holotype: USNM 3370. Skin only. [Age and sex unknown]. Collected by E. P. Vollum, [date unknown. No original number. MC: Cataloged in 1859, about 25 Feb].

Type Locality: Fort Umpqua, [Douglas County], Oregon.

***Neotoma orizabae* Merriam**

Proc. Biol. Soc. Wash. 9: 122, 2 Jul 1894b.

= *Neotoma mexicana torquata* Ward, 1891. See Hall (1955:331); subspecies recognized by Hall (1981:763) and Cornely (1999:609).

Holotype: USNM 53653. [Skin and skull]. Adult male. Collected 20 Apr 1893 by E. W. Nelson. Original number 4674.

Type Locality: Mount Orizaba, [FC: altitude 12,500 ft (3,810 m)], Puebla, Mexico.

***Neotoma orolestes* Merriam**

Proc. Biol. Soc. Wash. 9: 128, 2 Jul 1894b.

= *Neotoma cinerea orolestes* Merriam, 1894. See Goldman (1910:104); subspecies recognized by Hall (1981:771) and Grayson (1999:600).

Holotype: USNM 35906/48215. Skin and skull. Adult male. Collected 13 Aug 1892 by J. A. Loring. Original number 482.

Type Locality: Saguache Valley, [FC: Tevebaugh's Ranch], 20 mi (32 km) west of Saguache [FC: and 9 mi (14 km) south of Cochetopa Pass], [Saguache County], Colorado.

***Neotoma palatina* Goldman**

Proc. Biol. Soc. Wash. 18: 27, 2 Feb 1905.

Holotype: USNM 90959. [Skin and skull]. Adult male. Collected 12 Sep 1897 by E. W. Nelson and E. A. Goldman. Original number [SL and FC: 11710], not 7104 as given in original description.



Type Locality: Bolanos, altitude 2,800 ft (853 m), Jalisco, Mexico.

***Neotoma parvidens* Goldman**

Proc. Biol. Soc. Wash. 17: 81, 21 Mar 1904.

= *Neotoma mexicana parvidens* Goldman, 1904. See Hall (1955:330); subspecies recognized by Hall (1981:762) and Cornely (1999:609).

Holotype: USNM 71586. [Skin and skull]. Adult female. Collected [SL and FC: 2 Mar 1895], not 27 Feb as in original description, by E. W. Nelson and E. A. Goldman. Original number 7587.

Type Locality: Juquila, altitude 5,000 ft (1,524 m), Oaxaca, Mexico.

***Neotoma picta* Goldman**

Proc. Biol. Soc. Wash. 17: 79, 21 Mar 1904.

= *Neotoma mexicana picta* Goldman, 1904. See Hall (1955:331); subspecies recognized by Hall (1981:763) and Cornely (1999:609).

Holotype: USNM 70050. [Skin and skull]. Adult male. Collected 20 Dec 1894 by E. W. Nelson and E. A. Goldman. Original number 7179.

Type Locality: Mountains near Chilpancingo, altitude 10,000 ft (3,048 m) [FC: 9,500 ft (2,896 m)], Guerrero, Mexico.

***Neotoma pinetorum* Merriam**

Proc. Biol. Soc. Wash. 8: 111, 31 Jul 1893.

= *Neotoma mexicana pinetorum* Merriam, 1893. See Goldman (1910:58); subspecies recognized by Hall (1981:763) and Cornely (1999:609).

Holotype: USNM 17692/24628. Skin and skull. Adult female. Collected 16 Aug 1889 by V. Bailey. Original number 366.

Type Locality: San Francisco Mountain, [SL: 8,000 ft (2,438 m)], [Coconino County], Arizona.

***Neotoma saxamans* Osgood**

N. Am. Fauna 19: 33, 6 Oct 1900.

= *Neotoma cinerea occidentalis* Baird, 1855. See Cowan and Guiguet (1956:195); subspecies recognized by Hall (1981:763) and Grayson (1999:600).

Holotype: USNM 98923. [Skin and skull]. Adult male. Collected 19 Jun 1899 by W. H. Osgood. Original number 462.

Type Locality: Bennett City, head of Lake Bennett, British Columbia, [Canada].

***Neotoma splendens* True**

Proc. U.S. Natl. Mus. 17: 1, 27 Jun 1894e. Preprint of Proc. U.S. Natl. Mus. 17: 353, 15 Nov 1894f.

= *Neotoma fuscipes monochroura* Rhoads, 1894. See Hooper (1938:217); subspecies recognized by Hall (1981:766) and Cranford (1999:604).

Holotype: USNM 19693. Skin, [no record of a skull]. [Lyon and Osgood (1909:105): Adult] male. Collected 25 Nov 1887,

[collector unknown]. [Accession record 24265: purchased from C. K. Worthen]. [SL: Original number 211].

Type Locality: [Hooper (1938:217): Nicasio], Marin County, California.

Remarks: Although Hall (1981:766) placed *splendens* in *N. f. fuscipes*, his range map and list of marginal localities place it in *monochroura*.

***Neotoma stephensi* Goldman**

Proc. Biol. Soc. Wash. 18: 32, 2 Feb 1905.

= *Neotoma stephensi stephensi* Goldman, 1905. See Goldman (1932b:66); subspecies recognized by Hall (1981:760) and Wallace and Jones (1999:611).

Holotype: USNM 117466. [Skin and skull]. Adult female. Collected 1 Jul 1902 by F. Stephens. Original number 4192.

Type Locality: Hualpai (Hualapai) Mountains, altitude 6,300 ft (1,920 m), [Mohave County], Arizona.

***Neotoma stephensi relicta* Goldman**

J. Mammal. 13: 66, 9 Feb 1932b.

Subspecies recognized by Hall (1981:760) and Wallace and Jones (1999:611).

Holotype: USNM 67780. [Skin and skull]. Adult female. Collected 22 Jul 1894 by A. K. Fisher. Original number 1649.

Type Locality: Keams Canyon, [FC: 80 mi (129 km) north of Holbrook], Navajo County, Arizona.

***Neotoma tenuicauda* Merriam**

Proc. Biol. Soc. Wash. 7: 169, 29 Sep 1892a.

= *Neotoma mexicana tenuicauda* Merriam, 1892. See Hooper (1955:22); subspecies recognized by Hall (1981:763) and Cornely (1999:609).

Holotype: USNM 33594/45629. Skin and skull. Adult [SL and FC: female], not male as in original description. Collected 13 Apr 1892 by E. W. Nelson. Original number 2446.

Type Locality: North slope Sierra Nevada de Colima, altitude 3,650 m or [FC: about] 12,000 ft, Jalisco, Mexico.

***Neotoma tropicalis* Goldman**

Proc. Biol. Soc. Wash. 17: 81, 21 Mar 1904.

= *Neotoma mexicana tropicalis* Goldman, 1904. See Hall (1955:331); subspecies recognized by Hall (1981:763) and Cornely (1999:609).

Holotype: USNM 68593. [Skin and skull]. Adult male. Collected 17 Jul 1894 by E. W. Nelson and E. A. Goldman. Original number 6468.

Type Locality: Totontepec, altitude 6,500 ft (1,981 m), Oaxaca, Mexico.

***Neotoma venusta* True**

Proc. U.S. Natl. Mus. 17: 2, 27 Jun 1894e. Preprint of Proc. U.S. Natl. Mus. 17: 354, 15 Nov 1894f.

= *Neotoma albigula venusta* True, 1894. See Goldman (1910:33); subspecies recognized by Hall (1981:753) and Mares (1999:598).

Holotype: USNM 21696/36400. Skin and skull. [Lyon and Osgood (1909:106): Adult] male. Collected 30 Nov 1891 by F. Stephens. Original number [SL: 1800]. [MC: Purchased from C. K. Worthen].

Type Locality: Carrizo Creek, [Imperial County], California.

Remarks: The original number given above does not belong to Stevens; it is probably a Worthen collection number.

#### *Teanopus phenax* Merriam

Proc. Biol. Soc. Wash. 16: 81, 29 May 1903a.

= *Neotoma phenax* (Merriam, 1903). See Burt and Barkalow (1942:289).

Holotype: USNM 95841. [Skin and skull]. Adult female. Collected 4 Nov 1898 by E. A. Goldman. Original number 13258.

Type Locality: Camoa, [FC: about 800 ft (244 m)], Rio Mayo, Sonora, [SL: Mexico].

### Genus *Neotomodon* Merriam, 1898

#### *Neotomodon alstoni* Merriam

Proc. Biol. Soc. Wash. 12: 128, 30 Apr 1898d.

Holotype: USNM 50534. [Skin and skull]. Old male. Collected 12 Oct 1892 by E. W. Nelson. Original number 3580.

Type Locality: Nahuatzin, altitude 8,500 ft (2,591 m), Michoacan, Mexico.

#### *Neotomodon orizabae* Merriam

Proc. Biol. Soc. Wash. 12: 129, 30 Apr 1898d.

= *Neotomodon alstoni* Merriam, 1898. See Davis (1944b:398).

Holotype: USNM 53486. [Skin and skull]. Old male. Collected 26 Apr 1893 by E. W. Nelson. Original number 4747.

Type Locality: Mount Orizaba, altitude 9,500 ft (2,896 m), Puebla, Mexico.

#### *Neotomodon perotensis* Merriam

Proc. Biol. Soc. Wash. 12: 129, 30 Apr 1898d.

= *Neotomodon alstoni* Merriam, 1898. See Davis (1944b:398).

Holotype: USNM 54398. [Skin and skull]. Adult female. Collected 29 May 1893 by E. W. Nelson. Original number 4897.

Type Locality: Cofre de Perote, altitude 9,500 ft (2,896 m), Veracruz, Mexico.

### Genus *Nephelomys* Weksler, Percequillo, and Voss, 2006

#### *Oryzomys pirrensis* Goldman

Smithson. Misc. Collect. 60(22): 5, 28 Feb 1913.

= *Nephelomys pirrensis* (Goldman, 1913). See Weksler et al. (2006:18).

Holotype: USNM 178993. [Skin and skull]. Adult male. Collected 29 Apr 1912 by E. A. Goldman. Original number 21662.

Type Locality: Near head of Rio Limon, mount Pirri, altitude 4,500 ft (1,372 m), [Darien], eastern Panama.

### Genus *Nyctomys* Saussure, 1860

#### *Nyctomys sumichrasti costaricensis* Goldman

J. Wash. Acad. Sci. 27: 422, 15 Oct 1937a.

Subspecies recognized by Hunt et al. (2004:1).

Holotype: USNM 250331. Skin and skull. Adult male. Collected 12 Apr 1931 by C. F. Underwood. Original number [SL and XC: 272]. 26896-X.

Type Locality: San Geronimo de Pirris, hamlet on the main road to Pirris before reaching Jabillo, altitude about 100 ft (30 m), about 2 mi (3.4 km) before the abrupt descent to the lowlands of Pozo Axul (Pozo Azul) and about 12 mi (19 km) inland from Pirris, [Puntarenas], near the west coast of Costa Rica.

#### *Nyctomys sumichrasti pallidulus* Goldman

J. Wash. Acad. Sci. 27: 420, 15 Oct 1937a.

Subspecies recognized by Hunt et al. (2004:1).

Holotype: USNM 73302. Skin and skull. Adult male. Collected 13 Jun 1895 by E. W. Nelson and E. A. Goldman. Original number 8079.

Type Locality: Santo Domingo, 8 mi (13 km) west of Lagunas on the Mexican Railroad, altitude 900 ft (274 m), Isthmus of Tehuantepec, Oaxaca, Mexico.

#### *Nyctomys sumichrasti venustulus* Goldman

Proc. Biol. Soc. Wash. 29: 155, 6 Sep 1916.

Subspecies recognized by Hunt et al. (2004:1).

Holotype: USNM 33149/45153. Skin and skull. Adult female. Collected 10 Feb 1892 by C. W. Richmond. Original number 17.

Type Locality: Greytown (San Juan del Norte), [Rio San Juan], Nicaragua.

#### *Sitomys (Rhipidomys) decolorus* True

Proc. U.S. Natl. Mus. 16: 689, 5 Feb 1894g.

= *N[nyctomys] s[umichrasti] decolorus* (True, 1894). See Goldman (1916:155). Subspecies recognized by Hunt et al. (2004:1).

Holotype: USNM 21092/SL: 36129. Skin and skull. [Lyon and Osgood (1909:142): Young] adult female. Collected 17 Nov 1890, not 11 Dec as in original description, by E. Wittkugel. Original number [SL: 9].

Type Locality: Rio de las Piedras, Cortez, Honduras.

Remarks: Type not designated as such by number in original description, but the single specimen is referred to by its USNM number and becomes the holotype as fixed by monotypy (ICZN, 1999: Article 73.1.2).

## Genus *Ochrotomys* Osgood, 1909

### *Arvicola nuttalli* Harlan

Mon. Am. J. Geol. Nat. Sci. 1: 446, Apr 1832.

= *Ochrotomys nuttalli* (Harlan, 1832). See Hooper (1958:23); subspecies not recognized by Feldhamer and Linzey (2008:26).

Neotype: USNM 95889 as designated by Packard (1969:401). Skin and skull. Adult female. [SL: Collected 6 Nov 1898 by A. K. Fisher. Original number 2004].

Type Locality: Lake Drummond, Dismal Swamp, Nansemond County (Suffolk City), Virginia, 30 mi (48 km) southwest of the original type locality at Norfolk, Virginia.

### *Peromyscus nuttalli flammeus* Goldman

Proc. Biol. Soc. Wash. 54: 190, 8 Dec 1941b.

= *Ochrotomys nuttalli* (Harlan, 1832). See Hooper (1958:23); subspecies not recognized by Feldhamer and Linzey (2008:26).

Holotype: USNM 170591. Skin and skull. Adult female. Collected 16 Nov 1910 by W. G. Savage. Original number [XC: 26]. 8221-X.

Type Locality: Delight, Pike County, southwestern Arkansas.

### *Peromyscus nuttalli lewisi* A. H. Howell

J. Mammal. 20: 498, 14 Nov 1939a.

= *Ochrotomys nuttalli* (Harlan, 1832). See Hooper (1958:23); subspecies not recognized by Feldhamer and Linzey (2008:26).

Holotype: USNM 262415. Skin and skull. Adult female. Collected 30 Jan 1936 by J. B. Lewis. Original number 15. 27823-X.

Type Locality: Amelia Court House, Amelia County, Virginia.

## Genus *Oecomys* Thomas, 1906

### *Oryzomys frontalis* Goldman

Smithson. Misc. Collect. 56(36): 6, 19 Feb 1912b.

= *Oecomys trinitatis* (J. A. Allen and Chapman, 1893). See Musser and Carleton (1993:716).

Holotype: USNM 171531. [Skin and skull]. Adult female. Collected 20 Jun 1911 by E. A. Goldman. Original Number 21172.

Type Locality: Corozal, Canal Zone (Panama), Panama.

## Genus *Oligoryzomys* Bangs, 1900

### *Oryzomys fulvescens lenis* Goldman

Proc. Biol. Soc. Wash. 28: 130, 29 Jun 1915b.

= *Oligoryzomys fulvescens lenis* (Goldman, 1915). New name combination; subspecies recognized by Hall (1981:622) under *Oryzomys fulvescens*.

Holotype: USNM 125941. [Skin and skull]. Adult male. Collected 14 Feb 1903 by E. W. Nelson and E. A. Goldman. Original number 15498.

Type Locality: Los Reyes, Michoacan, Mexico.

### *Oryzomys fulvescens mayensis* Goldman

N. Am. Fauna 43: 92, 23 Sep 1918a.

= *Oligoryzomys fulvescens mayensis* (Goldman, 1918). New name combination; subspecies recognized by Hall (1981:622) under *Oryzomys fulvescens*.

Holotype: USNM 107979. [Skin and skull]. Adult male. Collected 5 Jan 1901 by E. W. Nelson and E. A. Goldman. Original number 14405.

Type Locality: Apazote, near Yohaltum (Yohaltún), altitude 200 ft (61 m), Campeche, Mexico.

## Genus *Ondatra* Link, 1795

### *Fiber macrodon* Merriam

Proc. Biol. Soc. Wash. 11: 143, 13 May 1897f.

= *Ondatra zibethicus macrodon* (Merriam, 1897). See Miller (1912a:230); subspecies recognized by Hall (1981:825) and Feldhamer (1999:653).

Holotype: USNM 75940. [Skin and skull]. Adult female. Collected 9 Oct 1895 by A. K. Fisher. Original number 1788.

Type Locality: Lake Drummond, Dismal Swamp, [Chesapeake City], Virginia.

### *Fiber spatulatus* Osgood

N. Am. Fauna 19: 36, 6 Oct 1900.

= *Ondatra zibethicus spatulatus* (Osgood, 1900). See Miller (1912a:231); subspecies recognized by Hall (1981:827) and Feldhamer (1999:653).

Holotype: USNM 98567. [Skin and skull]. Young adult female. Collected 3 Jul 1899 by W. H. Osgood. Original number 552.

Type Locality: Lake Marsh, Northwest Territories (Yukon), Canada.

### *Fiber zibethicus cinnamominus* Hollister

Proc. Biol. Soc. Wash. 23: 125, 2 Sep 1910a.

= *Ondatra zibethicus cinnamominus* (Hollister, 1910). See Miller (1912a:232); subspecies recognized by Hall (1981:825) and Feldhamer (1999:653).

Holotype: USNM 186518. Skin and skull. Adult male. Collected 14 Jan 1887 by A. B. Baker. No original number. Merriam collection number 3084/3724.

Type Locality: Wakeeney [MCC: Banner], Trego County, Kansas. Remarks: Published as Merriam collection number 3084/3724; cataloged as USNM 186518 on 23 Oct 1911.

### *Fiber zibethicus hudsonius* Preble

N. Am. Fauna 22: 53, 31 Oct 1902a.

= *Ondatra zibethicus albus* (Sabine, 1823). See Miller (1912a:231); subspecies recognized by Hall (1981:824) and Feldhamer (1999:653).

Holotype: USNM 106881. Skin and skull. Adult male. Collected 9 Aug 1900 by A. E. Preble. Original number [FC: EAP 3081].

Type Locality: [FC: Hudson Bay], Fort Churchill (Churchill), Keewatin (Manitoba), Canada.

*Fiber zibethicus mergens* Hollister

Proc. Biol. Soc. Wash. 23: 1, 2 Feb 1910b.

= *Ondatra zibethicus mergens* (Hollister, 1910). See Miller (1912a:231); subspecies recognized by Hall (1981:826) and Feldhamer (1999:653).

Holotype: USNM 156880. Skin and skull. Adult female. Collected 3 Apr 1908 by S. E. Piper. Original number 143.

Type Locality: [SL and FC: 5 mi (8 km) west] Fallon, [Churchill County], Nevada.

*Fiber zibethicus ripensis* V. Bailey

Proc. Biol. Soc. Wash. 15: 119, 2 Jun 1902a.

= *Ondatra zibethicus ripensis* (V. Bailey, 1902). See Miller (1912a:232); subspecies recognized by Hall (1981:827) and Feldhamer (1999:653).

Holotype: USNM 109012. [Skin, skull, and genitalia in alcohol]. Adult male. Collected 26 Jul 1901, not 25 Jul as in original description, by V. Bailey. Original number 7757.

Type Locality: Carlsbad (Eddy), Pecos River, [Eddy County], New Mexico.

*Fiber zibethicus zalophus* Hollister

Proc. Biol. Soc. Wash. 23: 1, 2 Feb 1910b.

= *Ondatra zibethicus zalophus* (Hollister, 1910). See Miller (1912a:231); subspecies recognized by Hall (1981:827) and Feldhamer (1999:653).

Holotype: USNM 131488. Skin and skull. [Age and sex not given]. Collected Oct 1903 by A. G. Maddren. Original number [XC: 21. 4285-X].

Type Locality: Becharof Lake, [Alaska Peninsula], Alaska.

*Ondatra zibethica bernardi* Goldman

Proc. Biol. Soc. Wash. 45: 93, 21 Jun 1932c.

= *Ondatra zibethicus bernardi* Goldman, 1932. See Miller and Kellogg (1955:618); subspecies recognized by Hall (1981:825) and Feldhamer (1999:653).

Holotype: USNM 250454. [Skin and skull]. Adult male. Collected 12 Nov 1931 by V. Bailey. Original number A4372. 27010-X.

Type Locality: 4 mi (6km) south of Gadsden, Yuma County, Arizona.

## Genus *Onychomys* Baird, 1857

*Hesperomys (Onychomys) torridus* Coues

Proc. Acad. Nat. Sci. Phila. 26: 183, 15 Dec 1874.

= *Onychomys torridus torridus* (Coues, 1874). See Hollister (1914b:456); subspecies recognized by Hall (1981:732) and Riddle (1999a:591).

Holotype: USNM 9886. [Skin without skull]. [Age and sex not given]. Collected [MC: 10 Jun 1867] by [SL: E. Palmer]. No original number.

Type Locality: [SL: Camp Grant]. [Graham County], Arizona. Type locality restricted by Hoffmeister (1956:280) to along the San Pedro River, at Arivaipa Creek, 47 mi (76 km) northwest of the present Fort Grant, or 2 mi (3.2 km) south of Feldman, Pinal County, Arizona.

*Onychomys fuliginosus* Merriam

N. Am. Fauna 3: 59, 11 Sep 1890a.

= *Onychomys leucogaster fuliginosus* Merriam, 1890. See Hollister (1913b:216); subspecies recognized by Hall (1981:728) and Riddle (1999b:590).

Holotype: USNM 17997/24908. Skin and skull. Adult female. Collected 27 Sep 1889 by C. H. Merriam and V. Bailey. Original number VB 547.

Type Locality: Black Tank lava beds, [FC: 25 mi (40 km) west], [SL: Painted Desert], [Miller and Kellogg (1955:516): 12 mi (19 km) to 15 mi (24 km) north of Dead Man Flat], northeast of San Francisco Mountain, [Coconino County, Arizona].

*Onychomys leucogaster albescens* Merriam

Proc. Biol. Soc. Wash. 17: 124, 9 Jun 1904.

Subspecies recognized by Hall (1981:727) and Riddle (1999b:590).

Holotype: USNM 50040. [Skin and skull]. Adult female. Collected 12 Dec 1892 by C. P. Streater. Original number 2399.

Type Locality: Samalayuca, [FC: altitude 4,200 ft (1,280 m)], Chihuahua, Mexico.

*Onychomys leucogaster aldousi* Goldman

Proc. Biol. Soc. Wash. 55: 77, 25 Jun 1942a.

= *Onychomys leucogaster brevicaudus* Merriam, 1891. See Riddle and Choate (1986:248); subspecies recognized by Riddle (1999b:590).

Holotype: USNM 266502. Skin and skull. Adult male. Collected 18 Apr 1941 by C. M. Aldous. Original number [SL: 133]. 30165-X.

Type Locality: Desert Range Experiment Station, 50 mi (80 km) west of Milford, Millard (Beaver) County, Utah.

*Onychomys leucogaster breviauritus* Hollister

Proc. Biol. Soc. Wash. 26: 216, 20 Dec 1913b.

= *Onychomys leucogaster arcticeps* Rhoads, 1898. See Engstrom and Choate (1979:737); subspecies recognized by Riddle (1999b:590).

Holotype: USNM 19144/34872. Skin and skull. Adult female. Collected 16 Feb 1890 by J. C. Merrill. Original number 18.

Type Locality: Fort Reno, [Canadian County], Oklahoma.

*Onychomys leucogaster brevicaudus* Merriam

N. Am. Fauna 5: 52, 30 Jul 1891a.

Subspecies recognized by Hall (1981:727) and Riddle (1999b:590).

Holotype: USNM 23086/30532. Skin and skull. Adult male. Collected 15 Jul 1890 by V. Bailey and B. H. Dutcher. Original number [FC: VB 1442].

Type Locality: Blackfoot, [Bingham County], Idaho.

***Onychomys leucogaster capitulatus* Hollister**

Proc. Biol. Soc. Wash. 26: 215, 20 Dec 1913b.

= *Onychomys leucogaster fuliginosus* Merriam, 1890. See Van Cura and Hoffmeister (1966:622); subspecies recognized by Hall (1981:728) and Riddle (1999b:590).

Holotype: USNM 202612. Skin and skull. Adult male. Collected 26 Sep 1913 by E. A. Goldman. Original number 22234.

Type Locality: Lower end of Prospect Valley, altitude 4,500 ft (1,372 m), [Miller and Kellogg (1955:516): about 25 mi (40 km) west-southwest of Supai], Hualpai (Hualapai) Indian Reservation, Grand Canyon, [Coconino County], Arizona.

***Onychomys leucogaster melanophrys* Merriam**

N. Am. Fauna 2: 2, 30 Oct 1889a.

Subspecies recognized by Hall (1981:728) and Riddle (1999b:590).

Holotype: USNM 186477. Skin and skull. Adult male. Collected 22 Dec 1888 by V. Bailey. Original number [SL: 458]. Merriam collection number 5199/5894.

Type Locality: Kanab, [Kane County], Utah.

Remarks: Published as Merriam collection number 5199/5894; assigned USNM 186477 on 18 Oct 1911.

***Onychomys leucogaster utahensis* Goldman**

J. Mammal. 20: 354, 14 Aug 1939.

= *Onychomys leucogaster brevicaudus* Merriam, 1891. See Riddle and Choate (1986:248); subspecies recognized by Riddle (1999b:590).

Holotype: USNM 263955. Skin and skull. Adult female. Collected 22 Jun 1938 by W. H. Marshall. Original number 96.

Type Locality: South end of Stansbury Island, Great Salt Lake, altitude 4,250 ft (1,295 m), [Tooele County], Utah.

***Onychomys longicaudus* Merriam**

N. Am. Fauna 2: 2, 30 Oct 1889a.

= *Onychomys torridus longicaudus* Merriam, 1889. See Merriam (1904:123); subspecies recognized by Hall (1981:731) and Riddle (1999a:591).

Holotype: USNM 186476. Skin and skull. Adult male. Collected 4 Jan 1889 by V. Bailey. Original number [SL: 476]. Merriam collection number 5201/5896.

Type Locality: Saint George, [Washington County], Utah.

Remarks: Published as Merriam collection number 5201/5896; assigned USNM 186476 on 18 Oct 1911.

***Onychomys longipes* Merriam**

N. Am. Fauna 2: 1, 30 Oct 1889a.

= *Onychomys leucogaster longipes* Merriam, 1889. See Hollister (1913b:216); subspecies recognized by Hall (1981:728) and Riddle (1999b:590).

Holotype: USNM 186478. Skin and skull. Adult female. Collected 11 Mar 1887 by W. Lloyd. Original number [MCC: 3]. Merriam collection number 3207/3839.

Type Locality: Concho County, Texas.

Remarks: Published as Merriam collection number 3207/3839; cataloged as USNM 186478 on 18 Oct 1911.

***Onychomys melanophrys pallescens* Merriam**

N. Am. Fauna 3: 61, 11 Sep 1890a.

= *Onychomys leucogaster pallescens* Merriam, 1890. See J. A. Allen (1895a:225); subspecies recognized by Hall (1981:730) and Riddle (1999b:590).

Holotype: USNM 186479. Skin and skull. Adult male. Collected 18 May 1888 by [MCC: J. Sullivan. Original number 11]. Merriam collection number 4252/4983.

Type Locality: Moki [Hoffmeister (1986:381): Hopi] Pueblos, [MCC: Keams Canyon], Apache (Navajo) County, Arizona.

Remarks: Published as Merriam collection number 4252/4983; cataloged as USNM 186479 on 18 Oct 1911.

***Onychomys torridus arenicola* Mearns**

Proc. U.S. Natl. Mus. 19: 3, 25 May 1896a. Preprint of Proc. U.S. Natl. Mus. 19: 139, 21 Dec 1896b.

= *Onychomys arenicola* Mearns, 1896. See Hinesley (1979:119).

Holotype: USNM 20081/35483. Skin and skull. Adult male. Collected 29 Feb 1892 by E. A. Mearns and F. X. Holzner. Original number 1528.

Type Locality: Rio Grande, about 6 mi (10 km) above El Paso, [El Paso County], Texas.

***Onychomys torridus canus* Merriam**

Proc. Biol. Soc. Wash. 17: 124, 9 Jun 1904.

= *Onychomys arenicola* Mearns, 1896. See Riddle (1999c:588).

Holotype: USNM 90843. [Skin and skull]. Adult female. Collected 23 Aug 1897 by E. W. Nelson and E. A. Goldman. Original number 11574.

Type Locality: San Juan Capistrano, [FC: altitude 3,700 ft (1,128 m)], Zacatecas, Mexico.

***Onychomys torridus clarus* Hollister**

Proc. Biol. Soc. Wash. 26: 215, 20 Dec 1913b.

Subspecies recognized by Hall (1981:731) and Riddle (1999a:591).

Holotype: USNM 25453/32867. Skin and skull. Adult male. Collected 30 Dec 1890 by V. Bailey. Original number 2314.

Type Locality: Keeler, [Miller (1924:304): east shore of Owens Lake], [FC: about 25 ft (8 m) above lake], Inyo County, California.

***Onychomys torridus perpallidus* Mearns**

Proc. U.S. Natl. Mus. 19: 43, 25 May 1896a. Preprint of Proc. U.S. Natl. Mus. 19: 140, 21 Dec 1896b.

= *Onychomys torridus torridus* (Coues, 1874). See Van Cura and Hoffmeister (1966:626); subspecies recognized by Hall (1981:732) and Riddle (1999a:591).

Holotype: USNM 60174. Skin and skull. Adult female. Collected 27 Mar 1894 by E. A. Mearns and F. X. Holzner. Original number 3301.

Type Locality: Left bank of the Colorado River, at Monument 204, Mexican Boundary Line, [Miller and Rehn (1901:67): Yuma County, Arizona].

*Onychomys torridus surrufus* Hollister

Proc. U.S. Natl. Mus. 47: 472, 29 Oct 1914b.

= *Onychomys arenicola* Mearns, 1896. See Riddle (1999c:588).

Holotype: USNM 93839. Skin and skull. Adult female. Collected 8 Jun 1898 by E. W. Nelson and E. A. Goldman. Original number 12484.

Type Locality: Miquihuana, [FC: altitude about 5,000 ft (1,524 m)], Tamaulipas, Mexico.

*Onychomys torridus tularensis* Merriam

Proc. Biol. Soc. Wash. 17: 123, 9 Jun 1904.

Subspecies recognized by Hall (1981:732) and Riddle (1999a:591).

Holotype: USNM 29711/41786. Skin and skull. Adult female. Collected 19 Jul 1891 by A. K. Fisher. Original number 792.

Type Locality: Bakersfield, Kern County, California.

*Onychomys torridus yakiensis* Merriam

Proc. Biol. Soc. Wash. 17: 124, 9 Jun 1904.

Subspecies recognized by Hall (1981:732) and Riddle (1999a:591).

Holotype: USNM 95855. [Skin and skull]. Adult female. Collected 28 Oct 1898 by E. A. Goldman. Original number [FC: Nelson and Goldman] 13158.

Type Locality: Camoa, [FC: altitude 800 ft (244 m)], Rio Mayo, southern Sonora, Mexico.

## Genus *Oryzomys* Baird, 1857

*Oryzomys albiventer* Merriam

Proc. Wash. Acad. Sci. 3: 279, 26 Jul 1901b.

See Carleton and Arroyo-Cabrales (2009:117) for current use.

Holotype: USNM 82236. [Skin and skull]. Adult male. Collected 6 Feb 1897 by E. W. Nelson and E. A. Goldman. Original number 10478.

Type Locality: Ameca, [FC: 4,000 ft (1,219 m)], Jalisco, Mexico.

*Oryzomys alfaroi dariensis* Goldman

Proc. Biol. Soc. Wash. 28: 128, 29 Jun 1915b.

Subspecies recognized by Hall (1981:616).

Holotype: USNM 178660. [Skin and skull]. Adult female. Collected 4 Mar 1912 by E. A. Goldman. Original number 21453.

Type Locality: Cana (Santa Cruz de Cana), altitude 2,000 ft (610 m), [Miller and Kellogg (1955:435): Upper Rio Tuyra], [Darien], Panama.

*Oryzomys angusticeps* Merriam

Proc. Wash. Acad. Sci. 3: 292, 26 Jul 1901b.

= *Oryzomys rhabdops* Merriam, 1901. See Musser and Carleton (1993:724).

Holotype: USNM 76816. [Skin and skull]. Adult male. Collected 22 Jan 1896 by E. W. Nelson and E. A. Goldman. Original number 9190.

Type Locality: Volcan Santa Maria, altitude 9,000 ft (2,743 m), [Quezaltenango], Guatemala.

*Oryzomys argentatus* Spitzer and Lazell

J. Mammal. 59: 787, 24 Nov 1978.

= *Oryzomys palustris natator* Chapman, 1893. See Humphrey and Setzer (1989:565); subspecies recognized by Rose and Dueser (1999:555).

Holotype: USNM 514995. Skin, skull, and skeleton. Adult female. Collected 8 Feb 1973 by N. C. Spitzer. Original number NS 162.

Type Locality: Cudjoe Key, [SL: 2.3 mi (3.7 km) west of Kemp Channel Bridge], Monroe County, Florida.

*Oryzomys chapmani caudatus* Merriam

Proc. Wash. Acad. Sci. 3: 289, 26 Jul 1901b.

= *Oryzomys chapmani* Thomas, 1898. See Musser and Carleton (1993:721).

Holotype: USNM 68641. [Skin and skull]. Adult male. Collected 31 Jul 1894 by E. W. Nelson and E. A. Goldman. Original number 6516.

Type Locality: Comaltepec, [FC: altitude 3,500 ft (1,067 m)], Oaxaca, Mexico.

Remarks: Hall (1981:615) listed this taxon as the monotypic *Oryzomys caudatus*.

*Oryzomys chapmani dilutior* Merriam

Proc. Wash. Acad. Sci. 3: 290, 26 Jul 1901b.

= *Oryzomys chapmani dilutior* Merriam, 1901. See Musser and Carleton (1993:721); subspecies recognized by Hall (1981:616) under *O. alfaroi*.

Holotype: USNM 93124. [Skin and skull]. Adult male. Collected 10 Jan 1898 by E. W. Nelson and E. A. Goldman. Original number 12040.

Type Locality: Huauchinango, [FC: altitude 5,000 ft (1,524 m)], Puebla, Mexico.

*Oryzomys chapmani saturatior* Merriam

Proc. Wash. Acad. Sci. 3: 290, 26 Jul 1901b.

= *Oryzomys saturatior saturatior* Merriam, 1901. See Musser and Carleton (1993:725); subspecies recognized by Hall (1981:616) under *O. alfaroi*.

Holotype: USNM 76183. [Skin and skull]. Adult female. Collected 23 Oct 1895 by E. W. Nelson and E. A. Goldman. Original number 8574.

Type Locality: Tumbala, [FC: altitude 5,000 ft (1,524 m)], Chiapas, [SL: Mexico].

*Oryzomys couesi regillus* Goldman

Proc. Biol. Soc. Wash. 28: 129, 29 Jun 1915b.

Subspecies recognized by Hall (1981:612) under *O. palustris*.

Holotype: USNM 125945. [Skin and skull]. Adult male. Collected 17 Feb 1903 by E. W. Nelson and E. A. Goldman. Original number 15962.

Type Locality: Los Reyes, Michoacan, Mexico.

***Oryzomys cozumelae* Merriam**

Proc. Biol. Soc. Wash. 14: 103, 19 Jul 1901c.

= *Oryzomys couesi cozumelae* Merriam, 1901. See Musser and Carleton (1993:721); subspecies recognized by Vega et al. (2007:210).

Holotype: USNM 108462. [Skin, skull, and baculum]. Adult male. Collected 8 Apr 1901 by E. W. Nelson and E. A. Goldman. Original number 14666.

Type Locality: Cozumel Island, Yucatan (Quintana Roo), [SL: Mexico].

***Oryzomys crinitus* Merriam**

Proc. Wash. Acad. Sci. 3: 281, 26 Jul 1901b.

= *Oryzomys couesi crinitus* Merriam, 1901. See Goldman (1918a:36); subspecies recognized by Hall (1981:610) under *O. palustris*.

Holotype: USNM 50182. [Skin and skull]. Adult male. Collected 30 Nov 1892 by E. W. Nelson and E. A. Goldman. Original number [FC: EWN] 3905.

Type Locality: Tlalpam, [FC: altitude 7,600 ft (2,316 m)], Federal District (Distrito Federal), Mexico.

***Oryzomys crinitus aztecus* Merriam**

Proc. Wash. Acad. Sci. 3: 282, 26 Jul 1901b.

= *Oryzomys couesi aztecus* Merriam 1901. See Goldman (1918a:35); subspecies recognized by Hall (1981:609) under *O. palustris*.

Holotype: USNM 51173. [Skin and skull]. Adult male. Collected 16 Jan 1893 by E. W. Nelson and E. A. Goldman. Original number [FC: EWN] 4290.

Type Locality: Yau-tepec, [FC: altitude 4,100 ft (1,250 m)], Morelos, Mexico.

***Oryzomys gatunensis* Goldman**

Smithson. Misc. Collect. 56(36): 7, 19 Feb 1912b.

= *Oryzomys couesi gatunensis* Goldman, 1912. See Musser and Carleton (1993:721); subspecies recognized by Hall (1981:610) under *O. palustris*.

Holotype: USNM 171034. Skin and skull. Young male. Collected 7 Mar 1911 by E. A. Goldman. Original number 20967.

Type Locality: Gatun, Canal Zone (Colon), Panama.

***Oryzomys goldmani* Merriam**

Proc. Wash. Acad. Sci. 3: 288, 26 Jul 1901b.

= *Oryzomys couesi couesi* (Alston, 1877). See Goldman (1918a:30); subspecies recognized by Hall (1981:609) under *O. palustris*.

Holotype: USNM 78110. [Skin and skull]. Adult female. Collected 11 Apr 1896 by E. W. Nelson and E. A. Goldman. Original number 9511.

Type Locality: Coatzacoalcos, [FC: altitude 50 ft (15 m)], Veracruz, Mexico.

***Oryzomys guerrerensis* Goldman**

Proc. Biol. Soc. Wash. 28: 127, 29 Jun 1915b.

= *Oryzomys chapmani guerrerensis* Goldman, 1915. See Musser and Carleton (1993:721); subspecies recognized by Hall (1981:616) under *O. alfaroi*.

Holotype: USNM 127517. Skin and skull. Adult male. Collected 20 May 1903 by E. W. Nelson and E. A. Goldman. Original number 16454.

Type Locality: Omilteme, [Hall and Kelson (1959:562): 8,000 ft (2,438 m)], Guerrero, Mexico.

***Oryzomys hyllocetes* Merriam**

Proc. Wash. Acad. Sci. 3: 291, 26 Jul 1901b.

= *Oryzomys saturator hyllocetes* Merriam, 1901. See Musser and Carleton (1993:725); subspecies recognized by Hall (1981:616) under *O. alfaroi*.

Holotype: USNM 77605. [Skin and skull]. Old male. Collected 14 Feb 1896 by E. W. Nelson and E. A. Goldman. Original number 9306.

Type Locality: Chicharras, [FC: altitude 3,400 ft (1,036 m)], Chiapas, Mexico.

***Oryzomys jalapae rufinus* Merriam**

Proc. Wash. Acad. Sci. 3: 285, 26 Jul 1901b.

= *Oryzomys couesi couesi* (Alston, 1877). See Goldman (1918a:29); subspecies recognized by Hall (1981:609) under *O. palustris*.

Holotype: USNM 65499. [Skin and skull]. Adult female. Collected 27 Apr 1894 by E. W. Nelson and E. A. Goldman. Original number 6112.

Type Locality: Catemaco, [FC: altitude 1,000 ft (305 m)], Veracruz, Mexico.

***Oryzomys melanotis colimensis* Goldman**

N. Am. Fauna 43: 51, 23 Sep 1918a.

Subspecies recognized by Hall (1981:614).

Holotype: USNM 33289/45317. Skin and skull. Adult female. Collected 2 Mar 1892 by E. W. Nelson. Original number 1987.

Type Locality: Armeria, altitude about 100 ft (30 m), Colima, Mexico.

***Oryzomys mexicanus peragrus* Merriam**

Proc. Wash. Acad. Sci. 3: 283, 26 Jul 1901b.

= *Oryzomys couesi peragrus* Merriam, 1901. See Goldman (1918a:39). Subspecies recognized by Hall (1981:611) under *O. palustris*.

Holotype: USNM 82119, not 82111 as in original description. [Skin and skull]. Young adult male. Collected 8 Jan 1897 by E. W. Nelson and E. A. Goldman. Original number 10398.

Type Locality: Rio Verde, [FC: altitude about 3,000 ft (914 m)], San Luis Potosi, Mexico.

***Oryzomys natator floridanus* Merriam**

Proc. Wash. Acad. Sci. 3: 277, 26 Jul 1901b.

= *Oryzomys palustris natator* Chapman, 1893. See Humphrey and Setzer (1989:565), who considered *coloratus*, including *floridanus*, as a subspecies of *O. palustris natator*.

Holotype: USNM 71349. [Skin and skull]. Adult male. Collected 29 Mar 1895 by J. A. Loring. Original number 2819.

Type Locality: Everglade [FC: Post Office] (Everglades City), Monroe (Collier) County, Florida.

***Oryzomys nelsoni* Merriam**

Proc. Biol. Soc. Wash. 12: 15, 27 Jan 1898e.

Holotype: USNM 89200. [Skin and skull]. Adult male. Collected 13 May 1897 by E. W. Nelson and E. A. Goldman. Original number 11022.

Type Locality: Maria Madre Island, [FC: altitude 800 ft (244 m)], Tres Marias Islands, [Nayarit], Mexico.

***Oryzomys palatinus* Merriam**

Proc. Wash. Acad. Sci. 3: 290, 26 Jul 1901b.

= *Oryzomys alfaroi palatinus* Merriam, 1901. See Goldman (1918a:65); subspecies recognized by Hall (1981:616).

Holotype: USNM 99977. [Skin and skull]. Adult female. Collected 1 Apr 1900 by E. W. Nelson and E. A. Goldman. Original number 14080.

Type Locality: Teapa, Tabasco, Mexico.

***Oryzomys palustris planirostris* Hamilton**

Proc. Biol. Soc. Wash. 68: 83, 3 Aug 1955.

= *Oryzomys palustris natator* Chapman, 1893. See Humphrey and Setzer (1989:565), who considered *planirostris* a junior synonym of *O. palustris natator*.

Holotype: USNM 514829. Skin and skull, but skull not received from Cornell. Adult female. Collected 11 Mar 1954 by W. J. Hamilton Jr. Original number 4344. Cornell University Mammal Collection number 8090.

Type Locality: 1 mi (1.6 km) west of third bridge that spans Matachla (Matlacha) Pass, Pine Island, Lee County, Florida.

Remarks: Published as Cornell University Mammal Collection number 8090; assigned USNM 514829 on 25 Aug 1977.

***Oryzomys rhabdops* Merriam**

Proc. Wash. Acad. Sci. 3: 291, 26 Jul 1901b.

Holotype: USNM 76813. [Skin and skull]. Adult male. Collected 15 Jan 1896 by E. [W.] Nelson and E. A. Goldman. Original number 9135.

Type Locality: Cael, altitude 10,000 ft (3,048 m), [Quetzaltenango], Guatemala.

***Oryzomys richmondi* Merriam**

Proc. Wash. Acad. Sci. 3: 284, 26 Jul 1901b.

= *Oryzomys couesi richmondi* Merriam, 1901. See Goldman (1918a:32); subspecies recognized by Hall (1981:612) under *O. palustris*.

Holotype: USNM 36340/48705. Skin and skull. Adult male. Collected 21 Jun 1892 by C. W. Richmond. Original number 63.

Type Locality: Escondido River, 50 mi (80 km) above Bluefields, [Atlantico Sur], Nicaragua.

***Oryzomys rostratus* Merriam**

Proc. Wash. Acad. Sci. 3: 293, 26 Jul 1901b.

= *Oryzomys rostratus rostratus* Merriam, 1901. See Goldman (1918a:53); subspecies recognized by Hall (1981:614) under *O. melanotis*.

Holotype: USNM 93112. [Skin and skull]. Old male. Collected 5 Feb 1898 by E. W. Nelson and E. A. Goldman. Original number 12130.

Type Locality: [FC: Near] Metlaltoyuca, [FC: about 800 ft (244 m)], Puebla, Mexico.

***Oryzomys rostratus megadon* Merriam**

Proc. Wash. Acad. Sci. 3: 294, 26 Jul 1901b.

Subspecies recognized by Hall (1981:614) under *O. melanotis*.

Holotype: USNM 99978. [Skin and skull]. Old male. Collected 24 Mar 1900 by E. W. Nelson and E. A. Goldman. Original number 14062.

Type Locality: Teapa, Tabasco, Mexico.

***Oryzomys rufus* Merriam**

Proc. Wash. Acad. Sci. 3: 287, 26 Jul 1901b.

= *Oryzomys couesi mexicanus* J. A. Allen, 1897. See Goldman (1918a:33); subspecies also recognized by Carleton and Arroyo-Cabrales (2009:118), with *rufus* in full synonymy.

Holotype: USNM 91404. [Skin and skull]. Old female. Collected 20 Jun 1897 by E. W. Nelson and E. A. Goldman. Original number 11232.

Type Locality: Santiago, [FC: altitude 200 ft (61 m)], Tepec (Nayarit), Mexico.

***Oryzomys teapensis* Merriam**

Proc. Wash. Acad. Sci. 3: 286, 26 Jul 1901b.

= *Oryzomys couesi couesi* (Alston, 1877). See Goldman (1918a:29); subspecies, including *teapensis* as a junior synonym, recognized by Hall (1981:609) under *O. palustris*.

Holotype: USNM 99973. [Skin and skull]. Young adult male. Collected 4 Apr 1900 by E. W. Nelson and E. A. Goldman. Original number 14100.

Type Locality: Teapa, Tabasco, Mexico.

***Oryzomys yucatanensis* Merriam**

Proc. Wash. Acad. Sci. 3: 294, 26 Jul 1901b.

= *Oryzomys rostratus yucatanensis* Merriam, 1901. See Goldman (1918a:55); subspecies recognized by Hall (1981:615) under *O. melanotis*.

Holotype: USNM 108139. [Skin and skull]. Young adult male. Collected 9 Feb 1901 by E. W. Nelson and E. A. Goldman. Original number 14527.

Type Locality: Chichenitza (Chichén Itzá), Yucatan, Mexico.



*Oryzomys zygomaticus* Merriam

Proc. Wash. Acad. Sci. 3: 285, 26 Jul 1901b.

= *Oryzomys couesi zygomaticus* Merriam, 1901. See Goldman (1918a:32); subspecies recognized by Hall (1981:612) under *O. palustris*.

Holotype: USNM 76794. [Skin and skull]. Adult male. Collected 15 Dec 1895 by E. W. Nelson and E. A. Goldman. Original number 8798.

Type Locality: Nenton, [FC: 3,000 ft (914 m)], [Huehuetenango], Guatemala.

**Genus *Osgoodomys* Hooper and Musser, 1964***Peromyscus banderanus vicinior* Osgood

Proc. Biol. Soc. Wash. 17: 68, 21 Mar 1904a.

= *Osgoodomys banderanus vicinior* (Osgood, 1904). See Carleton (1980:123); subspecies recognized by Hall (1981:721) under *Peromyscus banderanus*.

Holotype: USNM 126503. [Skin and skull]. Adult male. Collected 23 Mar 1903 by E. W. Nelson and E. A. Goldman. Original number [SL: 16216].

Type Locality: La Salada, Michoacan, Mexico.

**Genus *Otodylomys* Merriam, 1901***Otodylomys phyllotis* Merriam

Proc. Wash. Acad. Sci. 3: 562, 29 Nov 1901d.

= *Otodylomys phyllotis phyllotis* Merriam, 1901. See Hayman and Holt (1941:374); subspecies recognized by Lawlor (1982:1).

Holotype: USNM 108099. [Skin and skull]. Old male. Collected 17 Feb 1901 by E. W. Nelson and E. A. Goldman. Original number 14551.

Type Locality: Tunkas, Yucatan, [SL: Mexico].

*Otodylomys phyllotis phaeus* Merriam

Proc. Wash. Acad. Sci. 3: 563, 29 Nov 1901d.

= *Otodylomys phyllotis phyllotis* Merriam, 1901. See Lawlor (1969:36); subspecies recognized by Lawlor (1982:1).

Holotype: USNM 107940. [Skin and skull]. Adult female. Collected 28 Dec 1900 by E. W. Nelson and E. A. Goldman. Original number 14369.

Type Locality: Apazote, near Yohaltun, Campeche, [SL: Mexico].

**Genus *Peromyscus* Gloger, 1841***Hesperomys (Vesperimus) affinis* J. A. Allen

Proc. U.S. Natl. Mus. 14: 195, 24 Jul 1891.

= *Peromyscus leucopus affinis* (J. A. Allen, 1891). See Osgood (1909a:133); subspecies recognized by Hall (1981:685) and Lackey (1999:574).

Holotype: USNM 9382, not 7382 as in original description/8665. Skin and skull. Adult female. Collected 30 Oct 1868 by F. Sumichrast. Original number [SL: 23].

Type Locality: Barrio, Tehuantepec (Oaxaca), Mexico.

*Hesperomys (Vesperimus) anthonyi* Merriam

Proc. Biol. Soc. Wash. 4: 5, 15 Apr 1887b.

= *Peromyscus eremicus anthonyi* (Merriam, 1887). See Mearns (1907:438); subspecies recognized by Hall (1981:657) and Caire (1999:568).

Holotype: USNM 186480. Skin and skull. Adult male. Collected 10 May 1886 by A. W. Anthony. Original number [MCC: 87]. Merriam collection number 2333/2841.

Type Locality: Camp Apache, [Osgood (1909:249): Big Hachita (Hachit) Mountains], Grant (Hidalgo) County, about 31°20', extreme southwestern corner of the Territory and only about 4 mi (6 km) from the Mexican boundary, [Mearns (1907:438): near Monument No. 40], New Mexico.

Remarks: Published as Merriam collection number 2333/2841; assigned USNM 186480 on 18 Oct 1911.

*[Hesperomys] articus [sic]* Coues

Monogr. N. Am. Rodentia p. 61, 1877.

= *Peromyscus maniculatus maniculatus* (Wagner, 1845). See Miller (1912a:142); subspecies recognized by Hall (1981:679).

Holotype: USNM 3924. [Skin, skull inside]. [Age and sex not given]. Collected on unknown date by H. de Saussure. Original number [SL: 2]. [MC: Cataloged 14 May 1860].

Type Locality: Labrador, [Newfoundland, Canada].

*Hesperomys austerus* Baird

Proc. Acad. Nat. Sci. Phila. 7: 336, reported favorably for publication 24 Apr 1855b. Receipt acknowledged 15 Jun 1855 by the American Philosophical Society.

= *Peromyscus maniculatus austerus* (Baird, 1855). See Osgood (1909a:63); subspecies recognized by Hall (1981:671).

Lectotype: USNM 364/1278, as designated by Poole and Schantz (1942:314). Skin, which cannot be found, and skull. [Lyon and Osgood (1909:125): Young adult], sex not given. Collected by G. Suckley [MC: probably 20 Jan 1854]. Original number [MC: 5].

Type Locality: [Osgood (1909a:63): Old] Fort Steilacoom, Puget Sound, [Pierce County, Washington]. Baird (1857:708) located Fort Steilacoom "near the head of Puget's Sound, on the east side, Latitude 47°10' Longitude 122°25'."

Remarks: Poole and Schantz (1942:314, 315) gave a lengthy explanation for their selection of the lectotype that follows closely that given by Lyon and Osgood (1909:125); the latter, however, did not formally designate a lectotype. The skin, USNM 364, cannot be found and is marked in the museum catalog as not in the collection on 17 Nov 1916.

*[Hesperomys] bairdii* Coues

Monogr. N. Am. Rodentia p. 61, 1877.

= *Peromyscus maniculatus maniculatus* (Wagner, 1845). See Miller (1912a:142); subspecies recognized by Hall (1981:679).

Holotype: USNM 3925. [Skin, skull inside]. [Age and sex not given]. Collected on unknown date by H. de Saussure. No original number. [MC: Cataloged 14 May 1860].

Type Locality: Labrador, [Newfoundland, Canada].

Remarks: This specimen cannot be found. A note in the museum catalog indicates it has been missing at least since 1932.

*Hesperomys boylii* Baird

Proc. Acad. Nat. Sci. Phila. 7: 335, reported favorably for publication 24 Apr 1855b. Receipt acknowledged 15 Jun 1855 by the American Philosophical Society.

= *Peromyscus boylii boylii* (Baird, 1855). See Mearns (1896a:3); subspecies recognized by Kalcounis-Ruppell and Spoon (2009:2).

Holotype: USNM 356/1270. [Mounted skin, skull, and tail vertebrae. Age and sex not given]. Collected by C. C. Boyle, [date unknown]. [MC: Skin cataloged 4 Jan 1855; skull 20 Dec 1854].

Type Locality: Middle fork of the American River, [Osgood (1909a:142): near present town of Auburn, El Dorado County], California.

Remarks: Type not designated by number in original description. The type locality and collector are given, however, and Baird (1857:471) stated that “the specimen upon which this species was founded” was collected at the locality given above by Boyle. Baird (1857:471) lists three specimens, only one of which, USNM 356/1270, is from the type locality and was collected by Boyle.

*Hesp[eromys] campestris* LeConte

Proc. Acad. Nat. Sci. Phila. 6: 413, reported favorably for publication 25 Oct 1853. Receipt acknowledged 31 Dec 1853 by the Smithsonian Institution.

= *Peromyscus leucopus noveboracensis* (Fischer, 1829). See Osgood (1909a:117); subspecies recognized by Shipp-Pennock et al. (2005:810).

Lectotype: USNM 4726 as designated by Coues (1877:51, 62). Skin, [no record of a skull]. Young, [sex unknown]. Collected by J. E. LeConte, [date unknown. Cataloged 13 Apr 1861].

Type Locality: New Jersey.

Remarks: Type not designated by number in original description. See Lyon and Osgood (1909:126) or Poole and Schantz (1942:315) for additional information about selection of the lectotype.

*H[esperomys] cognatus* LeConte

Proc. Acad. Nat. Sci. Phila. 7: 442, reported favorably for publication 25 Dec 1855. Receipt acknowledged, day and month unknown, 1856 by the Smithsonian Institution.

= *Peromyscus gossypinus gossypinus* (LeConte, 1853). See Osgood (1909a:136); subspecies recognized by Hall (1981:689) and Linzey (1999a:570).

Syntypes: 4708 and 4709 as designated by Coues (1877:51). [Skins with skulls inside. Age and sex not given]. [MC: Collected by J. E. LeConte], date unknown. [MC: Cataloged 13 Apr 1861].

Type Locality: Georgia and South Carolina.

*Hesperomys crinitus* Merriam

N. Am. Fauna 5: 53, 30 Jul 1891a.

= *Peromyscus crinitus crinitus* (Merriam, 1891). See Hall and Hoffmeister (1942:56); subspecies recognized by Hall (1981:691) and Armstrong (1999a:567).

Holotype: USNM 24255/31659. Skin and skull. Adult male. Collected 10 Oct 1890 by C. H. Merriam and V. Bailey. Original number [FC: VB] 1945.

Type Locality: Shoshone Falls, Snake River, Idaho. Restricted to Shoshone Falls, north side of Snake River, Jerome County, Idaho, by Davis (1939:286).

*Hesperomys eremicus* Baird

Mammals Rep. Explor. Surv. 8(1): 479, 1857.

= *Peromyscus eremicus eremicus* (Baird, 1857). See J. A. Allen (1895a:226); subspecies recognized by Hall (1981:657) and Caire (1999:568).

Lectotype: USNM 2575/38003 as designated by Osgood (1909a:241). Skin in alcohol, [skull removed]. [Lyon and Osgood (1909:129): Female], age not given. Collected in 1853, collector unknown. Received from G. H. Thomas.

Type Locality: [Poole and Schantz (1942:317): Old] Fort Yuma, [Imperial County], California, [Poole and Schantz (1942:317): on west side of Colorado River, opposite Yuma, Arizona]. [Baird (1857:709) located Fort Yuma “at mouth of Gila river, Altitude 355 ft (108 m). Latitude 32°32’ Longitude 114°36’”].

*Hesperomys gambelii* Baird

Mammals Rep. Explor. Surv. 8(1): 464, 1857.

= *Peromyscus maniculatus gambelii* (Baird, 1857). See Osgood (1909a:182); subspecies recognized by Hall (1981:673).

Syntypes: USNM 368/1282. Mounted skin with skull and [tail vertebrae]. Age and sex not given.

USNM 369/1283. Mounted skin, cannot be found, with skull and [tail vertebrae]. Age and sex not given. Collected on unknown date by W. P. Trowbridge. [MC: Skins cataloged 4 Jan 1853; skulls 6 Jan 1855].

Type Locality: Monterey, [Monterey County], California.

Remarks: Syntypes designated by J. A. Allen (1893:190). The museum catalog indicates that both specimens were originally in alcohol and that USNM 369 was not found 15 Dec 1916.

*H[esperomys] gracilis* LeConte

Proc. Acad. Nat. Sci. Phila. 7: 442, reported favorably for publication 25 Dec 1855. Receipt acknowledged, day and month unknown, 1856 by the Smithsonian Institution.

= *Peromyscus maniculatus gracilis* (LeConte, 1855). See Osgood (1909a:42); subspecies recognized by Taylor and Hoffman (2010:404).

Holotype: USNM 10292/38002. [Skin and skull. Age and sex not given. Date collected and collector not given]. [MC: Skin cataloged 15 Oct 1872; skull 26 May 1902].

Type Locality: Michigan.

Remarks: Osgood (1909a:43) and Lyon and Osgood (1909:131) gave reasons for considering this specimen the type.

***Hesperomys leucopus rufinus* Merriam**

N. Am. Fauna 3: 65, 11 Sep 1890a.

= *Peromyscus maniculatus rufinus* (Merriam, 1890). See Osgood (1909a:72); subspecies recognized by Hall (1981:682).

Holotype: USNM 17646/24582. Skin and skull. Adult female. Collected 22 Aug 1889 by C. H. Merriam and V. Bailey. Original number [FC: VB] 401.

Type Locality: San Francisco Mountain, altitude 9,000 ft (2,743 m), [Coconino County], Arizona.

***Hesperomys megalotis* Merriam**

N. Am. Fauna 3: 64, 11 Sep 1890a.

= *Peromyscus truei truei* (Shufeldt, 1885). See Osgood (1909a:165); subspecies recognized by Hall (1981:704) and Yancey and Jones (1999:583).

Holotype: USNM 17943/24854. Skin and skull. Adult male. Collected 21 Sep 1889 by C. H. Merriam and [SL: V. Bailey]. Original number [FC: VB] 502.

Type Locality: Black Tank, Desert of the Little Colorado [FC: Painted Desert], [Coconino County], Arizona.

***Hesperomys (Vesperimus) melanophrys* Coues**

Proc. Acad. Nat. Sci. Phila. 26: 181, 15 Dec 1874.

= *Peromyscus melanophrys melanophrys* (Coues, 1874). See J. A. Allen (1897:51); subspecies recognized by Hall (1981:708).

Holotype: USNM 10183/12453. [Skin and skull]. [Lyon and Osgood (1909:134): Adult], sex not given. Collected 11 Jul 1871 by F. Sumichrast. Original number [SL: 2].

Type Locality: Santa Efigenia, [SL: Tehuantepec], [Oaxaca], [SL: Mexico].

**[*Hesperomys*] *parasiticus* Baird**

Mammals Rep. Explor. Surv. 8(1): 479, 1857.

= *Peromyscus californicus californicus* (Gambel, 1848). See Smith (1979:718); subspecies recognized by Merritt (1999b:566).

Lectotype: USNM 1156 as selected by Grinnell and Orr (1934:213). Skin [mounted]. Male, age not given. Collected Nov 1855 by J. C. Cooper. No original number.

Type Locality: Santa Clara, California. Type locality restricted to Santa Clara Valley, probably near Mountain View, Santa Clara County, California, by Grinnell and Orr (1934:213).

***Hesp[eromys] sonoriensis* LeConte**

Proc. Acad. Nat. Sci. Phila. 6: 413, reported favorably for publication 25 Oct 1853. Receipt acknowledged 31 Dec 1853 by the Smithsonian Institution.

= *Peromyscus maniculatus sonoriensis* (LeConte, 1853). See Osgood (1909a:89); subspecies recognized by Hall (1981:683).

Holotype: USNM 146/1128. Skin and skull. [Lyon and Osgood (1909:138): Young], sex not given. Collected [MC: 24–28 Sep 1851 by J. H. Clark]. No original number.

Type Locality: [MC: Santa Cruz], Sonora, [Mexico].

Remarks: Type not designated by number in original description. Baird (1857:475) stated “characterized as *H. sonoriensis* by Major Leconte from specimen 146 of the Smithsonian collection.”

***Hesperomys texana* Woodhouse**

Proc. Acad. Nat. Sci. Phila. 6: 242, reported favorably for publication 22 Feb 1853. Receipt acknowledged 13 Apr 1853 by the Smithsonian Institution.

= *Peromyscus leucopus texanus* (Woodhouse, 1853). See Osgood (1909a:127); subspecies recognized by Hall (1981:688) and Lackey (1999:574).

Holotype: USNM 2559/37026. [Skin in alcohol, fragments of skull]. Age and sex not given. Collected [Lyon and Osgood (1909:139): probably autumn of 1852] by S. W. Woodhouse. Original number not given.

Type Locality: On the Rio Grande near El Paso. [Osgood (1909a:127): Probably from the vicinity of Mason, Mason County, Texas].

Remarks: Type not designated by number in original description, but a single specimen is implied. Baird’s (1857:464) list of specimens shows USNM 2559 as the only specimen with data that match that given in the original description. See Osgood (1909a:128) for greater detail.

***Hesperomys truei* Shufeldt**

Proc. U.S. Natl. Mus. 8: 405, 14 Sep 1885.

= *Peromyscus truei truei* (Shufeldt, 1885). See Thomas (1894:364); subspecies recognized by Hall (1981:704) and Yancey and Jones (1999:583).

Holotype: USNM 14954/35108. Skin, skull, and skeleton. Adult male. Collected 16 [SL and MC say 14] Mar 1885 by R. W. Shufeldt. Original number not given.

Type Locality: Fort Wingate, [McKinley County], New Mexico.

Remarks: USNM number incorrectly given as 14904/35108 in original description.

***Peromyscus allophylus* Osgood**

Proc. Biol. Soc. Wash. 17: 71, 21 Mar 1904a.

= *Peromyscus gymnotis* Thomas, 1894. See Musser (1971a:8).

Holotype: USNM 77657. [Skin and skull]. Adult female. Collected 21 Feb 1896 by E. W. Nelson and E. A. Goldman. Original number [SL: 9352].

Type Locality: Huehuetan, [FC: altitude 500 ft (152 m)], [Huehuetan Municipality], Chiapas, Mexico.

***Peromyscus altilaneus* Osgood**

Proc. Biol. Soc. Wash. 17: 74, 21 Mar 1904a.

= *Peromyscus mexicanus* (Saussure, 1860). Subspecies undetermined; see Trujano-Alvarez and Alvarez-Castaneda (2010:112).

Holotype: USNM 76856. [Skin and skull]. Adult male. Collected 30 Dec 1895 by E. W. Nelson and E. A. Goldman. Original number [SL: 8942].

Type Locality: Todos Santos, altitude 10,000 ft (3,048 m), [Huehuetenango], Guatemala.

***Peromyscus amplus* Osgood**

Proc. Biol. Soc. Wash. 17: 62, 21 Mar 1904a.

= *Peromyscus difficilis amplus* Osgood, 1904. See Osgood (1909a:181); subspecies recognized by Fernandez et al. (2010:220).

Holotype: USNM 70158. [Skin and skull]. Adult female. Collected 12 Nov 1894 by E. W. Nelson and E. A. Goldman. Original number [SL: 7033].

Type Locality: Coixtlahuaca, [FC: altitude 7,000 ft (2,134 m)], Oaxaca, Mexico.

***Peromyscus attwateri eremicoides* Osgood**

Proc. Biol. Soc. Wash. 17: 60, 21 Mar 1904a.

= *Peromyscus pectoralis pectoralis* Osgood, 1904. See Schmidly (1972:127); subspecies recognized by Hall (1981:694) and Schmidly (1999a:580).

Holotype: USNM 57729. [Skin and skull]. Adult male. Collected 15 Dec 1893 by E. A. Goldman. Original number [SL: 235].

Type Locality: Mapimi, Durango, Mexico.

***Peromyscus attwateri pectoralis* Osgood**

Proc. Biol. Soc. Wash. 17: 59, 21 Mar 1904a.

= *Peromyscus pectoralis pectoralis* Osgood, 1904. See V. Bailey (1906:57); subspecies recognized by Hall (1981:694) and Schmidly (1999a:580).

Holotype: USNM 81236. [Skin and skull]. Adult male. Collected 30 Aug 1896 by E. W. Nelson and E. A. Goldman. Original number [SL: 10095].

Type Locality: Jalpan, [FC: altitude about 2,000 ft (610 m)], Queretaro, Mexico.

***Peromyscus auritus* Merriam**

Proc. Biol. Soc. Wash. 12: 119, 30 Apr 1898a.

= *Peromyscus megalops* Merriam, 1898. See Huckaby (1980:11). Holotype: USNM 68438. [Skin and skull]. Old female. Collected 17 Sep 1894 by E. W. Nelson and E. A. Goldman. Original number 6795.

Type Locality: Mountains 15 mi (24 km) west of Oaxaca, [Osgood (1909a:214): altitude 9,300 ft (2,835 m)], Oaxaca, Mexico.

***Peromyscus banderanus angelensis* Osgood**

Proc. Biol. Soc. Wash. 17: 69, 21 Mar 1904a.

= *Peromyscus m[exicanus] angelensis* Osgood, 1904. See Musser (1969:5); subspecies recognized by Trujano-Alvarez and Alvarez-Castaneda (2010:112).

Holotype: USNM 71442. [Skin and skull]. Adult female. Collected 13 Mar 1895 by E. W. Nelson and E. A. Goldman. Original number [SL: 7642].

Type Locality: Puerto Angel, [FC: altitude 100 ft–200 ft (30 m–61m)], Oaxaca, Mexico.

***Peromyscus boylii ambiguus* Alvarez**

Univ. Kans. Publ., Mus. Nat. Hist. 14: 118, 29 Dec 1961.

= *Peromyscus levipes ambiguus* Alvarez, 1961. See Castro-Campillo et al. (1999:1227); subspecies recognized by Alvarez-Castaneda and Gonzalez-Ruiz (2009:1).

Holotype: USNM 25692/33092. Skin and skull. Adult male. Collected 17 Feb 1891 by W. Lloyd. Original number 377.

Type Locality: Monterrey, [FC: altitude 2,000 ft (610 m)], Nuevo Leon, Mexico.

Remarks: Although Alvarez (1961:118) stated that the specimen was a skin and skull, he only gave the skull number, USNM 33092; USNM 25692 is the skin that belongs to it.

***Peromyscus boylei laceyi* V. Bailey**

N. Am. Fauna 25: 99, 24 Oct 1905.

= *Peromyscus attwateri* J. A. Allen, 1895. See Lee et al. (1972: 706). Holotype: USNM 92746. [Skin and skull]. Adult male. Collected 4 Dec 1897 by H. P. Attwater. No original number. 1372-X.

Type Locality: Turtle Creek, Kerr County, Texas.

***Peromyscus boylii penicillatus* Mearns**

Proc. U.S. Natl. Mus. 19: 2, 25 May 1896a. Preprint of Proc. U.S. Natl. Mus. 19: 139, 21 Dec 1896b.

= *Peromyscus nasutus penicillatus* Mearns, 1896. New name combination. Musser and Carleton (2005:1075) assigned *penicillatus* to *P. nasutus* as a synonym of unspecified rank; subspecies recognized by Hall (1981:706) under *P. difficilis*.

Holotype: USNM 20034/35426. Skin and skull. Adult female. Collected 19 Feb 1892 by E. A. Mearns and F. X. Holzner. Original number 1463.

Type Locality: Foothills of the Franklin Mountains near El Paso, [El Paso County], Texas.

***Peromyscus bullatus* Osgood**

Proc. Biol. Soc. Wash. 17: 63, 21 Mar 1904a.

Holotype: USNM 54405. [Skin and skull]. Adult female. Collected 3 Jun 1893 by E. W. Nelson and E. A. Goldman. Original number [SL and FC: EWN 4932].

Type Locality: Perote, [FC: altitude 7,800 ft (2,377 m)], Veracruz, Mexico.

***Peromyscus canus* Mearns**

Proc. U.S. Natl. Mus. 18: 3, 25 Mar 1896c. Preprint of Proc. U.S. Natl. Mus. 18: 445, 23 May 1896d.

= *Peromyscus leucopus texanus* Woodhouse, 1853. See Osgood (1909a:127); subspecies recognized by Hall (1981:688) and Lackey (1999:574).

Holotype: USNM 21109/37096. Skin and skull. Adult female. Collected 13 Jan 1893 by E. A. Mearns. Original number 2208.

Type Locality: Fort Clark, Kinney County, Texas.

***Peromyscus comptus* Merriam**

Proc. Biol. Soc. Wash. 12: 120, 30 Apr 1898a.

= *Peromyscus megalops* Merriam 1898. See Huckaby (1980:11).

Holotype: USNM 70191. [Skin and skull]. Adult male. Collected 24 Dec 1894 by E. W. Nelson and E. A. Goldman. Original number 7266.

Type Locality: Mountains near Chilpancingo, [FC: altitude 9,800 ft (2,987 m)], Guerrero, Mexico.

***Peromyscus cozumelae* Merriam**

Proc. Biol. Soc. Wash. 14: 103, 19 Jul 1901c.

= *Peromyscus leucopus cozumelae* Merriam, 1901. See Osgood (1909a:135); subspecies recognized by Hall (1981:686) and Lackey (1999:574).

Holotype: USNM 108449. [Skin and skull]. Adult male. Collected 11 Apr 1901 by E. W. Nelson and E. A. Goldman. Original number 14686.

Type Locality: Cozumel Island, Yucatan (Quintana Roo), [SL: Mexico].

***Peromyscus crinitus disparilis* Goldman**

Proc. Biol. Soc. Wash. 45: 90, 21 Jun 1932d.

Subspecies recognized by Hall (1981:691) and Armstrong (1999a:567).

Holotype: USNM 202989. Skin and skull. Adult male. Collected 22 Nov 1913 by E. A. Goldman. Original number 22304.

Type Locality: [SL and FC: Near] Tinajas Altas, altitude 2,000 ft (610 m) [SL and FC: 2,500 ft (762 m)], Gila Mountains, Yuma County, Arizona.

***Peromyscus crinitus pergracilis* Goldman**

J. Mammal. 20: 356, 14 Aug 1939.

Subspecies recognized by Hall (1981:692) and Armstrong (1999a:567).

Holotype: USNM 264022. Skin and skull. [Age and] sex undetermined [FC: male]. Collected 22 Jun 1938 by W. H. Marshall. Original number 100.

Type Locality: South end of Stansbury Island, altitude 4,250 ft (1,295 m), Great Salt Lake, [Tooele County], Utah.

***Peromyscus crinitus peridoneus* Goldman**

J. Mammal. 18: 92, 14 Feb 1937b.

= *Peromyscus crinitus auripectus* (J. A. Allen, 1893). See Hall and Hoffmeister (1942:64); subspecies recognized by Hall (1981:691) and Armstrong (1999a:567).

Holotype: USNM 202424. Skin and skull. Adult male. Collected 19 Aug 1913 by E. A. Goldman. Original number 22145.

Type Locality: [SL and FC: Near] Bright Angel Trail, altitude 4,800 ft (1,463 m), south side of Grand Canyon, Coconino County, Arizona.

***Peromyscus eremicus arenarius* Mearns**

Proc. U.S. Natl. Mus. 19: 2, 25 May 1896a. Preprint of Proc. U.S. Natl. Mus. 19: 138, 21 Dec 1896b.

= *Peromyscus eremicus eremicus* (Baird, 1857). See Osgood (1909a:239); subspecies recognized by Hall (1981:658) and Caire (1999:568).

Holotype: USNM 20018/35413. Skin and skull. Adult male. Collected 25 Feb 1892 by E. A. Mearns and F. X. Holzner. Original number 1513.

Type Locality: Rio Grande, about 6 mi (10 km) from El Paso, [El Paso County], Texas.

***Peromyscus eremicus avius* Osgood**

N. Am. Fauna 28: 247, 17 Apr 1909a.

Subspecies recognized by Hall (1981:657) and Caire (1999:568). Holotype: USNM 147024. [Skin and skull]. Adult female. Collected 13 Feb 1906 by E. W. Nelson and E. A. Goldman. Original number [SL: 19125].

Type Locality: Cerralbo (Jacques Cousteau) Island, off east coast of southern Lower California (Baja California Sur), Mexico.

***Peromyscus eremicus carmeni* Townsend**

Bull. Am. Mus. Nat. Hist. 31: 126, 14 Jun 1912.

= *Peromyscus eva carmeni* Townsend, 1912. See Lawlor (1971: 17); subspecies recognized by Alvarez-Castaneda and Cortes-Calva (2003:1).

Holotype: USNM 198408. Skin and skull. Male, age not given. Collected [SL and MC: 3] Apr 1911, not 13 Apr as given in original description, by H. E. Anthony. Original number 109.

Type Locality: Carmen Island. [Gulf of California], Lower California (Baja California Sur), [SL: Mexico].

Remarks: Published as AMNH 31855; cataloged as USNM 198408 on 26 Jun 1914.

***Peromyscus eremicus insulicola* Osgood**

N. Am. Fauna 28: 246, 17 Apr 1909a.

Subspecies recognized by Hall (1981:658) and Caire (1999:568). Holotype: USNM 147010. [Skin and skull]. Adult male. Collected 9 Feb 1906 by E. W. Nelson and E. A. Goldman. Original number [SL: 19077].

Type Locality: Espiritu Santo Island, [FC: altitude 30 ft (9 m)], off east coast of southern Lower California (Baja California Sur), Mexico.

***Peromyscus eremicus papagensis* Goldman**

Proc. Biol. Soc. Wash. 30: 110, 23 May 1917.

Subspecies recognized by Hall (1981:659) and Caire (1999:568). Holotype: USNM 210698. [Skin and skull]. Adult female. Collected [XC: 17] Feb 1915 by C. Sheldon. Original number [XC: 1]. [SL: 11962-X].

Type Locality: Pinacate Mountains, Sonora, Mexico.

***Peromyscus eremicus phaeurus* Osgood**

Proc. Biol. Soc. Wash. 17: 75, 21 Mar 1904a.

Subspecies recognized by Hall (1981:660) and Caire (1999:568). Holotype: USNM 50438. [Skin and skull]. Adult female. Collected 20 Aug 1892 by E. W. Nelson. Original number [SL: 3227].

Type Locality: Hacienda La Parada, [FC: altitude about 6,000 ft (1,829 m)], San Luis Potosi, Mexico.

***Peromyscus eremicus polypolius* Osgood**

N. Am. Fauna 28: 248, 17 Apr 1909a.

Subspecies recognized by Hall (1981:660) and Caire (1999:568).

Holotype: USNM 146074. [Skin and skull]. Adult male. Collected 30 Nov 1905 by E. W. Nelson and E. A. Goldman. Original number [SL: 18676].

Type Locality: Margarita Island, [FC: altitude 500 ft (152 m)], off west coast of southern Lower California (Baja California Sur), Mexico.

***Peromyscus felipensis* Merriam**

Proc. Biol. Soc. Wash. 12: 122, 30 Apr 1898a.

= *Peromyscus difficilis felipensis* Merriam, 1898. See Osgood (1909a:182); subspecies recognized by Fernandez et al. (2010:220).

Holotype: USNM 68409. [Skin and skull]. Adult male. Collected 22 Aug 1894 by E. W. Nelson and E. A. Goldman. Original number 6611.

Type Locality: Cerro San Felipe, altitude 10,200 ft (3,109 m), Oaxaca, Mexico.

***Peromyscus goldmani* Osgood**

Proc. Biol. Soc. Wash. 17: 75, 21 Mar 1904a.

= *Peromyscus merriami goldmani* Osgood, 1904. See Hoffmeister and Diersing (1973:354); subspecies recognized by Hall (1981:661) and Armstrong (1999b:578).

Holotype: USNM 96340. [Skin and skull]. Adult female. Collected 19 Dec 1898 by [SL: E. W. Nelson and] E. A. Goldman. Original number [SL: Nelson and Goldman 13306].

Type Locality: Alamos, [FC: altitude about 1,200 ft (366 m)], Sonora, Mexico.

***Peromyscus gossypinus restrictus* A. H. Howell**

J. Mammal. 20: 364, 14 Aug 1939b.

Subspecies recognized by Hall (1981:690) and Linzey (1999a:570).

Holotype: USNM 263539. Skin and skull. Adult female. Collected 13 Mar 1938 by L. C. Goldman. Original number 479.

Type Locality: On Chadwick (Englewood) Beach, near Englewood, [SL and FC: Sarasota County], Florida.

***Peromyscus gratus* Merriam**

Proc. Biol. Soc. Wash. 12: 123, 30 Apr 1898a.

= *Peromyscus gratus gratus* Merriam, 1898. See Modi and Lee (1984:722); subspecies recognized by Hall (1981:703), under *P. truei*, and Frey (1999b:571).

Holotype: USNM 50619. [Skin and skull]. [Lyon and Osgood (1909:131): Adult] male. Collected 30 Nov 1892 by E. W. Nelson. Original number 3927.

Type Locality: Tlalpam, [FC: altitude 7,600 ft (2,316 m)], Valley of Mexico [SL: Distrito Federal], [Mexico].

***Peromyscus gratus gentilis* Osgood**

Proc. Biol. Soc. Wash. 17: 61, 21 Mar 1904a.

Subspecies recognized by Hall (1981:703), under *P. truei*, and Frey (1999b:571).

Holotype: USNM 78937. [Skin and skull]. Adult male. Collected 27 Jun 1896 by E. W. Nelson and E. A. Goldman. Original number [SL: 9702].

Type Locality: Lagos, [FC: altitude 6,150 ft (1,875 m)], Jalisco, Mexico.

***Peromyscus guardia* Townsend**

Bull. Am. Mus. Nat. Hist. 31: 126, 14 Jun 1912.

= *Peromyscus guardia guardia* Townsend, 1912. See Burt (1932:175); subspecies recognized by Mellink et al. (2002:107).

Holotype: USNM 198406. Skin and skull. Age not given, female. Collected 11 Apr 1911 by [SL: H. E. Anthony. Original number 135].

Type Locality: Angel de la Guardia Island, [Gulf of California], Lower California (Baja California), [SL: Mexico].

Remarks: Published as AMNH 31907; cataloged as USNM 198406 on 26 Jun 1914.

***Peromyscus guatemalensis* Merriam**

Proc. Biol. Soc. Wash. 12: 118, 30 Apr 1898a.

Holotype: USNM 76861. [Skin and skull]. Adult male. Collected 31 Dec 1895 by E. W. Nelson and E. A. Goldman. Original number 8991.

Type Locality: Todos Santos, altitude 10,000 ft (3,048 m), [Huehuetenango], Guatemala.

***Peromyscus hylaesus* Osgood**

Proc. Biol. Soc. Wash. 21: 141, 9 Jun 1908.

= *Peromyscus keeni hylaesus* Osgood, 1908. See Hogan et al. (1993:828); subspecies recognized by Hall (1981:677), under *P. maniculatus*, and Greenbaum (1999:572).

Holotype: USNM 127038. [Skin and skull]. [Lyon and Osgood (1909:132): Adult] [SL and FC: male]. Collected 15 May 1903 by W. H. Osgood. Original number [SL: 2234].

Type Locality: Hollis, Kasaan Bay, Prince of Wales Island, Alaska.

***Peromyscus hylocetes* Merriam**

Proc. Biol. Soc. Wash. 12: 124, 30 Apr 1898a.

Holotype: USNM 50423. [Skin and skull]. Adult female. Collected 27 Jul 1892 by E. W. Nelson and E. A. Goldman. Original number [FC: EWN] 2961.

Type Locality: Patzcuaro, altitude about 8,000 ft (2,438 m), Michoacan, Mexico.

***Peromyscus leucocephalus* A. H. Howell**

J. Mammal. 1: 239, 4 Dec 1920b.

= *Peromyscus polionotus leucocephalus* A. H. Howell, 1920. See Sumner (1926:150); subspecies recognized by Mullen et al. (2009: Table S4).

Holotype: USNM 234358. Skin and skull. Adult female. Collected 26 Feb 1920 by A. H. Howell. Original number 2392.

Type Locality: Santa Rosa Island, opposite Camp Walton, [Santa Rosa County], Florida.

***Peromyscus leucopus aridulus* Osgood**

N. Am. Fauna 28: 122, 17 Apr 1909a.

Subspecies recognized by Hall (1981:685) and Lackey (1999: 574).

Holotype: USNM 75704. [Skin and skull]. Adult female. Collected 12 Nov 1895 by J. A. Loring. Original number [SL: 3378].

Type Locality: Fort Custer, [Big Horn County], Montana.

***Peromyscus leucopus buxtoni* Shipp-Pennock, Webster, and Freshwater**

J. Mammal. 86: 809, 22 Aug 2005.

Holotype: USNM 569137. Skin and skull. Adult male. Collected 15 Nov 1987 by D. Webster. Original number 1946. University of North Carolina, Wilmington number 1708.

Type Locality: Buxton Woods, Jeannette's Sedge, Dare County, North Carolina.

***Peromyscus leucopus easti* Paradiso**

Proc. Biol. Soc. Wash. 73: 21, 10 Aug 1960.

Subspecies recognized by Shipp-Pennock et al. (2005:810).

Holotype: USNM 302764. Skin and skull. Adult male. Collected 10 Apr 1956 by C. O. Handley Jr. Original number 3052.

Type Locality: [SL: Back Bay National Wildlife Refuge Headquarters], 6.8 mi (11 km) southeast of Pungo, Princess Anne County, Virginia.

***Peromyscus leucopus incensus* Goldman**

Proc. Biol. Soc. Wash. 55: 157, 17 Oct 1942b.

Subspecies recognized by Hall (1981:686) and Lackey (1999: 574).

Holotype: USNM 93069. [Skin and skull]. Adult female. Collected 28 Jan 1898 by E. A. Goldman. Original number [FC: Nelson and Goldman] 12107.

Type Locality: Metlatoyuca, altitude 800 ft (244 m), Puebla, Mexico.

***Peromyscus leucopus minnesotae* Mearns**

Proc. Biol. Soc. Wash. 14: 154, 9 Aug 1901.

= *Peromyscus leucopus noveboracensis* (Fischer, 1829). See Osgood (1909a:117); subspecies recognized by Hall (1981:688) and Shipp-Pennock et al. (2005:810).

Holotype: USNM 82717. [Skin and skull]. Adult female. Collected 30 Nov 1890 by E. A. Mearns. Original number 1181.

Type Locality: Fort Snelling, Hennepin County, Minnesota.

***Peromyscus leucopus ochraceus* Osgood**

N. Am. Fauna 28: 124, 17 Apr 1909a.

Subspecies recognized by Hall (1981:688) and Lackey (1999: 574).

Holotype: USNM 53301. [Skin and skull]. Adult male. Collected 30 Apr 1893 by C. P. Streater. Original number [SL: 2674].

Type Locality: Winslow, [Navajo County], Arizona.

***Peromyscus luteus* Osgood**

Proc. Biol. Soc. Wash. 18: 77, 21 Feb 1905.

= *Peromyscus maniculatus luteus* Osgood, 1905. See Osgood (1909a:77); subspecies recognized by Hall (1981:679).

Holotype: USNM 18658/25447. Skin and skull. Adult female. Collected 23 Apr 1890 by V. Bailey. Original number [SL: 1079].

Type Locality: Kennedy, [Cherry County], Nebraska.

***Peromyscus levipes* Merriam**

Proc. Biol. Soc. Wash. 12: 123, 30 Apr 1898a.

= *Peromyscus levipes levipes* Merriam, 1898. See Castro-Campillo et al. (1999:1228); subspecies recognized by Alvarez-Castaneda and Gonzalez-Ruiz (2009:1).

Holotype: USNM 53673. [Skin and skull]. Adult male. Collected 12 May 1893 by E. W. Nelson. Original number 4799.

Type Locality: Mount Malinche, altitude 8,400 ft (2,560 m), Tlaxcala, Mexico.

***Peromyscus madrensis* Merriam**

Proc. Biol. Soc. Wash. 12: 16, 27 Jan 1898e.

Holotype: USNM 89223. [Skin and skull]. Adult male. Collected 18 May 1897 by E. W. Nelson and E. A. Goldman. Original number 11040.

Type Locality: Maria Madre Island, [FC: altitude 800 ft (244 m)], Tres Marias Islands, [Nayarit], Mexico.

***Peromyscus maniculatus algidus* Osgood**

N. Am. Fauna 28: 56, 17 Apr 1909a.

= *Peromyscus keeni algidus* Osgood, 1909. See Hogan et al. (1993:828); subspecies recognized by Hall (1981:670), under *P. maniculatus*, and Greenbaum (1999:572).

Holotype: USNM 130013. [Skin and skull]. Adult male. Collected 17 Sep 1903 by W. H. Osgood. Original number [SL: 2690].

Type Locality: Head of Lake Bennett, site of old Bennett City, British Columbia, [Canada].

***Peromyscus maniculatus assimilis* Nelson and Goldman**

J. Mammal. 12: 305, 24 Aug 1931b.

Subspecies recognized by Hall (1981:671).

Holotype: USNM 77939. Skin and skull. Adult male. Collected 24 Apr 1896 by A. W. Anthony. Original number [SL: 13].

Type Locality: Coronados Island, off west coast of Lower California (Baja California), Mexico.

***Peromyscus maniculatus dorsalis* Nelson and Goldman**

J. Wash. Acad. Sci. 21: 535, 19 Dec 1931c.

Subspecies recognized by Hall (1981:673).

Holotype: USNM 80857. [Skin and skull]. Adult female. Collected 4 Aug 1896 by A. W. Anthony. Original number 96.

Type Locality: Natividad Island, off west coast of Lower California (Baja California), Mexico.

*Peromyscus maniculatus elusus* Nelson and Goldman

J. Wash. Acad. Sci. 21: 533, 19 Dec 1931c.

Subspecies recognized by Hall (1981:673).

Holotype: USNM 92049. [Skin and skull]. Adult male. Collected 16 May 1897 by H. A. Gaylord. Original number [XC: 18]. 1095-X.

Type Locality: Santa Barbara Island, [Channel Islands], off the west coast of southern California, [Ventura County, California].

*Peromyscus maniculatus eremus* Osgood

N. Am. Fauna 28: 47, 17 Apr 1909a.

Subspecies recognized by Hall (1981:673).

Holotype: USNM 150223. [Skin and skull]. Adult female. Collected 9 Aug 1907 by W. H. Osgood. Original number [SL: 3197].

Type Locality: Pleasant Bay, Grindstone Island, Magdalen Islands, Quebec, [Canada].

*Peromyscus maniculatus exterus* Nelson and Goldman

J. Wash. Acad. Sci. 21: 532, 19 Dec 1931c.

Subspecies recognized by Hall (1981:673).

Holotype: USNM 92098. [Skin and skull]. Old adult female. Collected 23 May 1897 by H. A. Gaylord. Original number [XC: 80]. [SL: 1121-X].

Type Locality: San Nicolas Island, [Channel Islands], off the west coast of southern California, [Ventura County, California].

*Peromyscus maniculatus gunnisoni* Goldman

Proc. Biol. Soc. Wash. 50: 224, 28 Dec 1937c.

= *Peromyscus maniculatus sonoriensis* (LeConte, 1853). See Durrant (1952:307); subspecies recognized by Hall (1981:683).

Holotype: USNM 262845. Skin and skull. Adult female. Collected 1 Jun 1937 by A. M. Bailey and R. J. Niedrach. Original number not given. [SL: 28019-X]. [SL: Colorado Museum of Natural History number] 3010.

Type Locality: Gunnison Island, altitude about 4,300 ft (1,311 m), Great Salt Lake, [Box Elder County], Utah.

*Peromyscus maniculatus hollisteri* Osgood

N. Am. Fauna 28: 62, 17 Apr 1909a.

Subspecies recognized by Hall (1981:677).

Holotype: USNM 130316. [Skin and skull]. Adult male. Collected 23 Oct 1903 by N. Hollister. Original number [SL: 832].

Type Locality: Friday Harbor, San Juan Island, San Juan County, Washington.

*Peromyscus maniculatus inclarus* Goldman

J. Mammal. 20: 355, 14 Aug 1939.

Subspecies recognized by Hall (1981:677).

Holotype: USNM 264119. Skin and skull. Adult male. Collected 7 Aug 1938 by W. H. Marshall. Original number 276.

Type Locality: Fremont Island, Great Salt Lake, altitude about 4,250 ft (1,295 m), [Weber County], Utah.

*Peromyscus maniculatus magdalenae* Osgood

N. Am. Fauna 28: 101, 17 Apr 1909a.

Subspecies recognized by Hall (1981:679).

Holotype: USNM 146971. [Skin and skull]. Old male. Collected 3 Dec 1906 by E. W. Nelson and E. A. Goldman. Original number [SL: 18749].

Type Locality: Magdalena Island, [FC: altitude 20 ft (6 m)], off west coast of southern Lower California (Baja California Sur), Mexico.

*Peromyscus maniculatus margaritae* Osgood

N. Am. Fauna 28: 95, 17 Apr 1909a.

Subspecies recognized by Hall (1981:679).

Holotype: USNM 146958. [Skin and skull]. Adult female. Collected 1 Dec 1905 by E. W. Nelson and E. A. Goldman. Original number [SL: 18726].

Type Locality: Margarita Island, [FC: altitude 20 ft (6 m)], off west coast of southern Lower California (Baja California Sur), Mexico.

*Peromyscus maniculatus martinensis* Nelson and Goldman

J. Wash. Acad. Sci. 21: 534, 19 Dec 1931c.

= *Peromyscus maniculatus exiguus* J. A. Allen, 1898. See Nelson and Goldman (1932:371); subspecies recognized by Hall (1981:673).

Holotype: USNM 138979. [Skin and skull]. Adult female. Collected 13 Aug 1905 by [E. W.] Nelson and [E. A.] Goldman. Original number 17726.

Type Locality: San Martin Island, [FC: 25 ft (8 m)], off west coast of Lower California (Baja California), Mexico.

*Peromyscus maniculatus santacruzae* Nelson and Goldman

J. Wash. Acad. Sci. 21: 532, 19 Dec 1931c.

Subspecies recognized by Hall (1981:682).

Holotype: USNM 35184/47449. Skin and skull. Old adult female. Collected 13 Jul 1892 by C. P. Streater. Original number 1923.

Type Locality: Santa Cruz Island, [Channel Islands], off the coast of southern California, [Santa Barbara County, California].

Remarks: Published as USNM 47449, the skull number to which skin number USNM 35184 belongs.

*Peromyscus maniculatus streatori* Nelson and Goldman

J. Wash. Acad. Sci. 21: 531, 19 Dec 1931c.

Subspecies recognized by Hall (1981:683).

Holotype: USNM 34631/46716. Skin and skull. Old adult male. Collected 24 Jun 1892 by C. P. Streater. Original number 1861.

Type Locality: San Miguel Island, [Channel Islands], off the coast of southern California, [Santa Barbara County], California.



***Peromyscus megalops* Merriam**

Proc. Biol. Soc. Wash. 12: 119, 30 Apr 1898a.

Holotype: USNM 71592. [Skin and skull]. Old male. Collected 26 Mar 1895 by E. W. Nelson and E. A. Goldman. Original number 7733.

Type Locality: Mountains near Ozolotepec, [Huckaby (1980:11): at a ranch called Las Cieneguilla at 10,000 ft (3,048 m) in the Sierra Madre del Sur, near the village of Santa Maria Ozolotepec], Oaxaca, Mexico.

***Peromyscus megalops melanurus* Osgood**

N. Am. Fauna 28:215, 17 Apr 1909a.

= *Peromyscus melanurus* Osgood, 1909. See Huckaby (1980:12).

Holotype: USNM 71385. [Skin and skull]. Adult male. Collected 20 Mar 1895 by E. W. Nelson and E. A. Goldman. Original number [SL: 7703].

Type Locality: [Huckaby (1980:12): Below] Pluma, altitude 4,600 ft (1,402 m) [FC: 3,000 ft (914 m)], Oaxaca, Mexico.

***Peromyscus mekisturus* Merriam**

Proc. Biol. Soc. Wash. 12: 124, 30 Apr 1898a.

Holotype: USNM 64108. [Skin and skull]. Adult female. Collected 16 Mar 1894 by E. W. Nelson and E. A. Goldman. Original number 5951.

Type Locality: Chalchicomula, altitude 8,400 ft (2,560 m), Puebla, Mexico.

***Peromyscus melanocarpus* Osgood**

Proc. Biol. Soc. Wash. 17: 73, 21 Mar 1904a.

Holotype: USNM 68610. [Skin and skull]. Young adult female. Collected 8 Jul 1894 by E. W. Nelson and E. A. Goldman. Original number [SL: 6379].

Type Locality: Mount Zempoaltepec, altitude 8,000 ft (2,438 m), Oaxaca, Mexico.

***Peromyscus melanophrys consobrinus* Osgood**

Proc. Biol. Soc. Wash. 17: 66, 21 Mar 1904a.

Subspecies recognized by Hall (1981:708).

Holotype: USNM 79626. [Skin and skull]. Adult female. Collected 10 Jul 1896 by E. W. Nelson and E. A. Goldman. Original number [SL: 9818].

Type Locality: Berriozabal, [FC: altitude 6,600 ft (2,012 m)], Zacatecas, Mexico.

***Peromyscus melanophrys zamorae* Osgood**

Proc. Biol. Soc. Wash. 17: 65, 21 Mar 1904a.

Subspecies recognized by Hall (1981:709).

Holotype: USNM 120288. [Skin and skull]. Adult female, not male as in original description. Collected 20 Jan 1903 by E. W. Nelson and E. A. Goldman. Original number [SL: 15783].

Type Locality: Zamora, Michoacan, Mexico.

***Peromyscus melanotis zamelas* Osgood**

Proc. Biol. Soc. Wash. 17: 59, 21 Mar 1904a.

= *Peromyscus melanotis* J. A. Allen and Chapman, 1897. See Osgood (1909a:109).

Holotype: USNM 98197. [Skin and skull]. Adult female. Collected 24 Jul 1899, not 23 Jul as in original description, by E. W. Nelson and E. A. Goldman. Original number [SL: 13915].

Type Locality: [SL and FC: Near] Colonia Garcia, altitude 6,700 ft (2,042 m), Chihuahua, Mexico.

***Peromyscus merriami* Mearns**

Proc. U.S. Natl. Mus. 19: 2, 25 May 1896a. Preprint of Proc. U.S. Natl. Mus. 19: 138, 21 Dec 1896b.

= *Peromyscus merriami merriami* Mearns, 1896. See Hall and Kelson (1952:368); subspecies recognized by Hall (1981: 661) and Armstrong (1999b:578).

Holotype: USNM 59234. Skin and skull. Adult female. Collected 21 Jan 1894 by E. A. Mearns and F. X. Holzner. Original number 2815.

Type Locality: Sonoyta, on the Sonoyta River, Sonora, Mexico.

***Peromyscus mexicanus orizabae* Merriam**

Proc. Biol. Soc. Wash. 12: 121, 30 Apr 1898a.

= *Peromyscus mexicanus totontepecus* Merriam, 1898. See Osgood (1909a:202); subspecies recognized by Trujano-Alvarez and Alvarez-Castaneda (2010:112).

Holotype: USNM 58197. [Skin and skull]. Adult male. Collected 29 Jan 1894 by E. W. Nelson and E. A. Goldman. Original number 5787.

Type Locality: Orizaba, altitude 4,200 ft (1,280 m), Veracruz, Mexico.

***Peromyscus mexicanus saxatilis* Merriam**

Proc. Biol. Soc. Wash. 12: 121, 30 Apr 1898a.

Subspecies recognized by Trujano-Alvarez and Alvarez-Castaneda (2010:112).

Holotype: USNM 77296. [Skin and skull]. Adult male. Collected 19 Dec 1895 by E. W. Nelson and E. A. Goldman. Original number 8824.

Type Locality: Jacaltenango, [FC: altitude 5,400 ft (1,646 m)], Huehuetenango, Guatemala.

***Peromyscus mexicanus teapensis* Osgood**

Proc. Biol. Soc. Wash. 17: 69, 21 Mar 1904a.

Subspecies recognized by Trujano-Alvarez and Alvarez-Castaneda (2010:112).

Holotype: USNM 100022. [Skin and skull]. Adult female. Collected 25 Mar 1900 by E. W. Nelson and E. A. Goldman. Original number [SL: 14067].

Type Locality: Teapa, [Osgood (1909a:204): altitude 800 ft (244 m)], Tabasco, Mexico.

***Peromyscus mexicanus totontepecus* Merriam**

Proc. Biol. Soc. Wash. 12: 120, 30 Apr 1898a.

Subspecies recognized by Trujano-Alvarez and Alvarez-Castaneda (2010:112).

Holotype: USNM 68624. [Skin and skull]. Adult female. Collected 16 Jul 1894 by E. W. Nelson and E. A. Goldman. Original number 6465.

Type Locality: Totontepec, altitude 6,500 ft (1,981 m), Oaxaca, Mexico.

***Peromyscus musculoides* Merriam**

Proc. Biol. Soc. Wash. 12: 124, 30 Apr 1898a.

= *Peromyscus leucopus affinis* (J. A. Allen, 1891). See Osgood (1909a:133); subspecies recognized by Hall (1981:685) and Lackey (1999:574).

Holotype: USNM 69661. [Skin and skull]. Old male. Collected 14 Oct 1894 by E. W. Nelson and E. A. Goldman. Original number 6892.

Type Locality: Cuicatlan, altitude 1,800 ft (549 m), Oaxaca, Mexico.

***Peromyscus oaxacensis* Merriam**

Proc. Biol. Soc. Wash. 12: 122, 30 Apr 1898a.

= *Peromyscus aztecus oaxacensis* Merriam, 1898. See Carleton (1979:205); subspecies recognized by Vazquez et al. (2001:1).

Holotype: USNM 68426. [Skin and skull]. Young adult male. Collected 1 Sep 1894 by E. W. Nelson and E. A. Goldman. Original number 6700.

Type Locality: Cerro San Felipe, altitude 10,000 ft (3,048 m) [FC: 9,000 ft (2,743 m)], Oaxaca, Mexico.

***Peromyscus oreas rubidus* Osgood**

Proc. Biol. Soc. Wash. 14: 193, 12 Dec 1901b.

= *Peromyscus maniculatus rubidus* Osgood, 1901. See Osgood (1909a:65); subspecies recognized by Hall (1981:681).

Holotype: USNM 91650. [Skin and skull]. Young adult female. Collected 17 Nov 1897 by J. A. Loring. Original number 4925.

Type Locality: Mendocino City, Mendocino County, California.

***Peromyscus pectoralis laceianus* V. Bailey**

Proc. Biol. Soc. Wash. 19: 57, 1 May 1906.

Subspecies recognized by Hall (1981:693) and Schmidly (1999a:580).

Holotype: USNM 97063. [Skin and skull]. Adult male. Collected 3 May 1899 by V. Bailey. Original number 6860.

Type Locality: Ranch of Howard Lacey, Turtle Creek, near Kerrville, [Kerr County], Texas.

***Peromyscus polionotus decoloratus* A. H. Howell**

J. Mammal. 20: 363, 14 Aug 1939b.

Subspecies recognized by Hall (1981:668) and Holler (1999:582).

Holotype: USNM 245780. Skin and skull. [Poole and Schantz (1942:331): Adult] [SL: male]. Collected 25 May 1925 by A. H. Howell. Original number 2448.

Type Locality: Ponce Park, near Mosquito Inlet, [Volusia County], Florida.

***Peromyscus polionotus griseobracatus* Bowen**

Bull. Fla. State Mus. 12: 16, 19 Apr 1968.

Subspecies recognized by Hall (1981:668) and Holler (1999:582).

Holotype: USNM 308957. [Skin and skull]. Adult female. Collected Apr 1955 by E. V. Komarek. Original number [SL: Ppa-28].

Type Locality: 20 mi (32 km) west of Fort Walton, about 5 mi (8 km) west of Navarre, Santa Rosa County, Florida.

***Peromyscus polius* Osgood**

Proc. Biol. Soc. Wash. 17: 61, 21 Mar 1904a.

Holotype: USNM 98226. [Skin and skull]. Old female. Collected 26 Jun 1899 by E. W. Nelson and E. A. Goldman. Original number [SL: 13846].

Type Locality: [SL and FC: Near] Colonia Garcia, [FC: altitude 6,400 ft (1,951 m)], Chihuahua, Mexico.

***Peromyscus prevostensis* Osgood**

N. Am. Fauna 21: 29, 26 Sep 1901c.

= *Peromyscus keeni prevostensis* Osgood, 1901. See Hogan et al. (1993:828); subspecies recognized by Hall (1981:681), under *P. maniculatus*, and Greenbaum (1999:572).

Holotype: USNM 100818. [Skin and skull]. Old adult female. Collected 5 Jul 1900 by W. H. Osgood and E. Heller. Original number [FC: WHO] 1135.

Type Locality: Prevost Island, [FC: north end of island on coast of Houston Stewart Channel], Queen Charlotte Islands, British Columbia, [Canada].

***Peromyscus sitkensis* Merriam**

Proc. Biol. Soc. Wash. 11: 223, 15 Jul 1897a.

= *Peromyscus keeni sitkensis* Merriam, 1897. See Hogan et al. (1993:828); subspecies recognized by Greenbaum (1999:572).

Holotype: USNM 73809. [Skin and skull]. Adult male. Collected 30 Jul 1895 by C. P. Streater. Original number 4720.

Type Locality: Sitka, Alaska.

***Peromyscus sonoriensis blandus* Osgood**

Proc. Biol. Soc. Wash. 17: 56, 21 Mar 1904a.

= *Peromyscus maniculatus blandus* Osgood, 1904. See Osgood (1909a:84); subspecies recognized by Hall (1981:672).

Holotype: USNM 57635. [Skin and skull]. Adult female. Collected 27 Nov 1893 by E. A. Goldman. Original number [SL: 166].

Type Locality: Escalon, Chihuahua, Mexico.

***Peromyscus sonoriensis fulvus* Osgood**

Proc. Biol. Soc. Wash. 17: 57, 21 Mar 1904a.

= *Peromyscus maniculatus fulvus* Osgood, 1904. See Osgood (1909a:86); subspecies recognized by Hall (1981:673).

Holotype: USNM 68655. [Skin and skull]. Adult male. Collected 12 Jun 1894 by E. W. Nelson and E. A. Goldman. Original number [SL: 6277].

Type Locality: Oaxaca City, [FC: altitude 5,000 ft (1,524 m)], Oaxaca, Mexico.

***Peromyscus spicilegus evides* Osgood**

Proc. Biol. Soc. Wash. 17: 64, 21 Mar 1904a.

= *Peromyscus aztecus evides* Osgood, 1904. See Carleton (1979: 294); subspecies recognized by Vazquez et al. (2001:1).

Holotype: USNM 71426. [Skin and skull]. Adult male. Collected 28 Feb 1895 by E. W. Nelson and E. A. Goldman. Original number [SL: 7572].

Type Locality: Juquila, [FC: altitude 5,000 ft (1,524 m)], Oaxaca, Mexico.

***Peromyscus spicilegus simulus* Osgood**

Proc. Biol. Soc. Wash. 17: 64, 21 Mar 1904a.

= *Peromyscus simulus* Osgood, 1904. See Carleton (1977:41).

Holotype: USNM 88088. [Skin and skull]. Adult male. Collected 18 Apr 1897 by E. W. Nelson and E. A. Goldman. Original number [SL: 10933].

Type Locality: San Blas, [FC: altitude 50 ft (15 m)], Tepic (Nayarit), Mexico.

***Peromyscus stephani* Townsend**

Bull. Am. Mus. Nat. Hist. 31: 126, 14 Jun 1912.

Holotype: USNM 198407. Skin and skull. Age not given, male. Collected 14 Apr 1911 by [SL: H. E. Anthony]. Original number [SL: 162].

Type Locality: San Esteban Island, [Gulf of California], Lower California (Baja California), [SL: Mexico].

Remarks: Published as AMNH 31961; cataloged as USNM 198407 on 26 Jun 1914.

***Peromyscus stephensi* Mearns**

Proc. U.S. Natl. Mus. 19: 721, 30 Jul 1897a.

= *Peromyscus crinitus stephensi* Mearns, 1897. See Osgood (1909a:232); subspecies recognized by Hall (1981:692) and Armstrong (1999a:567).

Holotype: USNM 61026. Skin and skull. Adult female. Collected 9 May 1894 by E. A. Mearns. Original number [FC: Mearns and Holzner] 3512.

Type Locality: From the lowest water, on the wagon road, in a canyon, at the eastern base of the Coast Range Mountains, San Diego County, California. Grinnell (1933:171) restricted the locality to 3 mi (4.8 km) east of Mountain Spring, Imperial County, California.

***Peromyscus tehuantepecus* Merriam**

Proc. Biol. Soc. Wash. 12: 122, 30 Apr 1898a.

= *Peromyscus mexicanus mexicanus* (Saussure, 1860). See Osgood (1909a:199); subspecies recognized by Hall (1981: 710).

Holotype: USNM 75302. [Skin and skull]. Adult female, not male as in original description. Collected 23 May 1895 by E. W. Nelson and E. A. Goldman. Original number 7980.

Type Locality: [SL and FC: Near] Tehuantepec, [FC: altitude 1,400 ft (427 m)], Oaxaca, Mexico.

***Peromyscus texanus castaneus* Osgood**

Proc. Biol. Soc. Wash. 17: 58, 21 Mar 1904a.

= *Peromyscus leucopus castaneus* Osgood, 1904. See Osgood (1909a:133); subspecies recognized by Hall (1981:686) and Lackey (1999:574).

Holotype: USNM 107980. Skin, skull, [and baculum]. Adult male. Collected 19 Dec 1900 by E. W. Nelson and E. A. Goldman. Original number [SL: 14283].

Type Locality: Vicinity of [SL and FC: Near] Yohaltun, Campeche, Peninsula of Yucatan, Mexico.

***Peromyscus texanus clementis* Mearns**

Proc. U.S. Natl. Mus. 18: 4, 25 Mar 1896c. Preprint of Proc. U.S. Natl. Mus. 18: 446, 23 May 1896d.

= *Peromyscus maniculatus clementis* Mearns, 1896. See Osgood (1909a:96); subspecies recognized by Hall (1981:673).

Holotype: USNM 61117. [Skin and skull]. Adult male. Collected 27 Aug 1894 by E. A. Mearns. Original number 3819.

Type Locality: [Grinnell (1933:175): Pyramid Cove, southeast end] San Clemente Island, [Channel Islands, Los Angeles County], California.

***Peromyscus texanus medius* Mearns**

Proc. U.S. Natl. Mus. 18: 4, 25 Mar 1896c. Preprint of Proc. U.S. Natl. Mus. 18: 446, 23 May 1896d.

= *Peromyscus maniculatus gambelii* (Baird, 1857). See Osgood (1909a:67); subspecies recognized by Hall (1981:673).

Holotype: USNM 61059. [Skin and skull]. Adult male. Collected 4 Jun 1894 by E. A. Mearns. Original number 3623.

Type Locality: Nachoguerro Valley, [Lyon and Osgood (1909: 133): near monument number 238, Mexican boundary line], Lower California (Baja California), [Mexico].

***Peromyscus texanus mesomelas* Osgood**

Proc. Biol. Soc. Wash. 17: 57, 21 Mar 1904a.

= *Peromyscus leucopus mesomelas* Osgood, 1904. See Osgood (1909a:132); subspecies recognized by Hall (1981:687) and Lackey (1999:574).

Holotype: USNM 58210. [Skin and skull]. Adult male. Collected 20 Jan 1894 by E. W. Nelson and E. A. Goldman. Original number [SL: 5705].

Type Locality: Orizaba, [FC: altitude 4,000 ft (1,219 m)], Veracruz, Mexico.

***Peromyscus tiburonensis* Mearns**

Proc. U.S. Natl. Mus. 19: 720, 30 Jul 1897a.

= *Peromyscus eremicus tiburonensis* Mearns, 1897. See Osgood (1909a:250); subspecies recognized by Hall (1981:660) and Caire (1999:568).

Holotype: USNM 63186. Skin and skull. Adult male. Collected 25 Dec 1895 by J. W. Mitchell. Original number 1.

Type Locality: Tiburon Island, Gulf of California, [Sonora], Mexico.

*Peromyscus tornillo* Mearns

Proc. U.S. Natl. Mus. 18: 3, 3 Mar 1896c. Preprint of Proc. U.S. Natl. Mus. 18: 445, 23 May 1896d.

= *Peromyscus leucopus tornillo* Mearns, 1896. See Osgood (1909a:125); subspecies recognized by Hall (1981:688) and Lackey (1999:574).

Holotype: USNM 20225/35420. Skin and skull. Adult male. Collected 18 Feb 1892 by E. A. Mearns and F. X. Holzner. Original number 1458.

Type Locality: About 6 mi (10 km) above El Paso, on the Rio Grande, [El Paso County], Texas.

*Peromyscus truei lagunae* Osgood

N. Am. Fauna 28: 172, 17 Apr 1909a.

Subspecies recognized by Hall (1981:703) and Yancey and Jones (1999:583).

Holotype: USNM 147004. [Skin and skull]. Adult female. Collected 26 Jan 1906 by E. W. Nelson and E. A. Goldman. Original number [SL:19012].

Type Locality: La Laguna, [FC: 5,500 ft (1,676 m)], Laguna Mountains, Lower California (Baja California Sur), Mexico.

*Peromyscus truei preblei* V. Bailey

N. Am. Fauna 55: 188, 29 Aug 1936.

Subspecies recognized by Hall (1981:704) and Yancey and Jones (1999:583).

Holotype: USNM 78660. [Skin and] skull. Adult male. Collected 28 Jun 1896 by E. A. Preble. Original number 1079.

Type Locality: Crooked River, 20 mi (32 km) southeast [Hoffmeister (1951:45): 12 mi (19 km) south and 6 mi (10 km) east] of Prineville, [Crook County], Oregon.

*Peromyscus xenurus* Osgood

Proc. Biol. Soc. Wash. 17: 67, 21 Mar 1904a.

= *Peromyscus melanophrys xenurus* Osgood, 1904. See Baker (1952:256); subspecies recognized by Hall (1981:709).

Holotype: USNM 94518. [Skin and skull]. Adult female. Collected 1 Jul 1898 by E. W. Nelson and E. A. Goldman. Original number [SL: 12677].

Type Locality: Durango, [FC: altitude 6,200 ft (1,890 m)], Durango, Mexico.

*Peromyscus yucatanicus badius* Osgood

Proc. Biol. Soc. Wash. 17: 70, 21 Mar 1904a.

Subspecies recognized by Young and Jones (1983:1).

Holotype: USNM 108016. [Skin and skull]. Adult female. Collected 28 Dec 1900 by E. W. Nelson and E. A. Goldman. Original number [SL: 14377].

Type Locality: Apazote, [FC: near Yohaltun], Campeche, Mexico.

*Peromyscus zarhynchus* Merriam

Proc. Biol. Soc. Wash. 12: 117, 30 Apr 1898a.

Holotype: USNM 76119. [Skin and skull]. Adult female. Collected [SL and FC: 26 Oct 1895], not 20 Oct as in original description, by E. W. Nelson and E. A. Goldman. Original number 8606.

Type Locality: Tumbala, [FC: altitude 5,000 ft (1,524 m)], Chiapas, Mexico.

*Peromyscus zarhynchus cristobalensis* Merriam

Proc. Biol. Soc. Wash. 12: 117, 30 Apr 1898a.

= *Peromyscus zarhynchus* Merriam, 1898. See Osgood (1909a: 217).

Holotype: USNM 76109. [Skin and skull]. Adult female. Collected 2 Oct 1895 by E. W. Nelson and E. A. Goldman. Original number 8536.

Type Locality: San Cristobal, [FC: altitude 9,500 ft (2,896 m)], Chiapas, Mexico.

*Peromyscus zelotes* Osgood

Proc. Biol. Soc. Wash. 17: 67, 21 Mar 1904a.

= *Peromyscus gratus gratus* Osgood, 1904. See Modi and Lee (1984:722); subspecies recognized by Hall (1981:703), under *P. truei*, and Frey (1999b:571).

Holotype: USNM 50430. [Skin and skull]. Old female. Collected 8 Aug 1892 by E. W. Nelson. Original number [SL: 3056].

Type Locality: Querendaro, [FC: altitude 5,800 ft (1,768 m)], Michoacan, Mexico.

## Genus *Phenacomys* Merriam, 1889

*Phenacomys celatus* Merriam

N. Am. Fauna 2: 33, 30 Oct 1889b.

= *Phenacomys ungava ungava* Merriam, 1889. See Miller (1897b: 84); subspecies recognized by McAllister and Hoffmann (1988:1), under *P. intermedius*, and George (1999:619).

Holotype: USNM 186486. Skin and skull, originally in alcohol. Adult male. Collected 10 Jun 1886 by N. A. Comeau. Original number not given. Merriam collection number 2851/5988.

Type Locality: Godbout, P. Q. (Quebec), Canada.

Remarks: Type published as Merriam collection number 2851/5988; cataloged as USNM 186486 on 19 Oct 1911.

*Phenacomys intermedius celsus* A. B. Howell

Proc. Biol. Soc. Wash. 36: 158, 1 May 1923b.

Subspecies recognized by Hall (1981:786) and Hallett (1999: 618).

Holotype: USNM 109103. [Skin and skull]. Adult male. Collected 13 Aug 1901 by J. H. Gaut. Original number 250.

Type Locality: Muir Meadow, altitude 9,300 ft (2,835 m), Tuolumne Meadows, Yosemite National Park, [Tuolumne County], California.

***Phenacomys intermedius levis* A. B. Howell**

Proc. Biol. Soc. Wash. 36: 157, 1 May 1923b.

Subspecies recognized by Hall (1981:786) and Hallett (1999: 618).

Holotype: USNM 72405. [Skin and skull]. Adult male. Collected 23 May 1895 by A. H. Howell. Original number 13.

Type Locality: Saint Marys Lake, Teton (Glacier) County, Montana.

***Phenacomys latimanus* Merriam**

N. Am. Fauna 2: 34, 30 Oct 1889b.

= *Phenacomys ungava ungava* Merriam, 1889. See A. B. Howell (1926:25); subspecies recognized by McAllister and Hoffmann (1988:1), under *P. intermedius*, and George (1999:619).

Holotype: USNM 186487. Skin and skull, [SL: skinned from alcohol]. Young adult male. Collected 4 Feb 1883 by L. M. Turner. Original number [SL: 300]. Merriam collection number 5484/6159.

Type Locality: Fort Chimo (Kuujjuaq), Ungava [District], Hudson Bay, [Quebec, Canada].

Remarks: Type published as Merriam collection number 5484/6159; cataloged as USNM 186487 on 19 Oct 1911.

***Phenacomys mackenzii* Preble**

Proc. Biol. Soc. Wash. 15: 182, 6 Aug 1902b.

= *Phenacomys ungava mackenzii* Preble, 1902. See Anderson (1942:58); subspecies recognized by McAllister and Hoffmann (1988:1), under *P. intermedius*, and George (1999: 619).

Holotype: USNM 110625. Skin and skull. Adult male. Collected 29 Jun 1901 by E. A. Preble and A. E. Preble. Original number [FC: EAP] 4271.

Type Locality: Fort Smith, Slave River, near the Athabaska-Mackenzie boundary line, [Mackenzie District, Northwest Territories], Canada.

***Phenacomys orophilus* Merriam**

N. Am. Fauna 5: 65, 30 Jul 1891a.

= *Phenacomys intermedius intermedius* Merriam, 1889. See A. B. Howell (1926:15); subspecies recognized by Hall (1981:786) and Hallett (1999:618).

Holotype: USNM 23856/31256. Skin and skull. Adult female. Collected 28 Aug 1890 by C. H. Merriam and V. Bailey. Original number [FC: VB] 1710.

Type Locality: Salmon River Mountains [FC: = Lemhi Mountains], near head of Timber Creek, altitude 3,200 m or 10,500 ft, [FC: west of Junction], Lemhi County, Idaho.

***Phenacomys preblei* Merriam**

Proc. Biol. Soc. Wash. 11: 45, 16 Mar 1897g.

= *Phenacomys intermedius intermedius* Merriam, 1889. See A. B. Howell (1926:15); subspecies recognized by Hall (1981: 786) and Hallett (1999:618).

Holotype: USNM 74513. [Skin and skull]. Adult male. Collected 12 Aug 1895 by E. A. Preble. Original number 647.

Type Locality: Longs Peak, [FC: altitude about 9,000 ft (2,743 m), Larimer County], Colorado.

***Phenacomys truei* J. A. Allen**

Bull. Am. Mus. Nat. Hist. 6: 331, 7 Nov 1894.

= *Phenacomys intermedius intermedius* Merriam, 1889. See A. B. Howell (1926:15); subspecies recognized by Hall (1981:786) and Hallett (1999:618).

Holotype: USNM 3056/36884. [Skin and skull]. Full grown but quite young, sex not given. Collected 10 Aug 1857 by W. A. Hammond. Original number [SL: 109].

Type Locality: Black Hills, [A. B. Howell (1926:19): now Laramie Mountains, Wyoming].

Remarks: Published under skin number USNM 3056 to which skull number USNM 36884 belongs.

***Phenacomys ungava* Merriam**

N. Am. Fauna 2: 35, 30 Oct 1889b.

= *Phenacomys ungava ungava* Merriam, 1889. See A. B. Howell (1926:25); subspecies recognized by McAllister and Hoffmann (1988:1), under *P. intermedius*, and George (1999:619).

Holotype: USNM 186488. Skin and skull, from alcohol. Adult male. Collected spring 1884 by L. M. Turner. Original number [MCC: 525]. Merriam collection number 5468/6155.

Type Locality: Fort Chimo (Kuujjuaq), Ungava [District], Hudson Bay Territory, [Quebec, Canada].

Remarks: Type published as Merriam collection number 5468/6155; cataloged as USNM 186488 on 19 Oct 1911.

**Genus *Phodopus* Miller, 1910*****Phodopus crepidatus* Hollister**

Smithson. Misc. Collect. 60(14): 3, 29 Nov 1912.

= *Phodopus campbelli* (Thomas, 1905). See Pavlinov and Rosolimo (1987:171).

Holotype: USNM 175480. Skin and skull. Adult male. Collected 28 Jul 1912 by N. Hollister. Original number 4383.

Type Locality: Chuisaya Steppe, 8 mi (13 km) south of Kosh-Agatch, altitude 7,300 ft (2,225 m), Altai District (Altayskiy), Siberia (Russia).

**Genus *Phyllotis* Waterhouse, 1837*****Phyllotis arenarius chilensis* Mann**

Biologica (Santiago, Chile) 2: 84, Jul 1945.

= *Phyllotis xanthopygus chilensis* Mann, 1945. See Spotorno and Walker (1983:57); subspecies recognized by Steppan et al. (2007:811).

Holotype: USNM 391801. [Skin and skull]. Adult male. Collected 28 Mar 1945 by G. Mann. Original number 337.

Type Locality: Los alrededores de Parinacota, [Chile].

Remarks: Published as G. Mann number 337; cataloged as USNM 391801 on 8 Dec 1967.

***Phyllotis wolffhugelii* Mann**

Biologica (Santiago, Chile) 1: 108, Sep 1944.

= *Phyllotis xanthopygus vaccarum* Thomas, 1912. See Spotorno and Walker (1983:57); subspecies recognized by Steppan et al. (2007:811).

Holotype: USNM 391813. [Skin and cranium without mandibles]. Adult female. Collected 27 Feb 1944 by G. Mann. Original number 225.

Type Locality: Cajon del Rio Volcan, altitude 1,800 m, Lo Valdes, Bocatoma, Region Metropolitana, [Chile].

Remarks: Published as G. Mann number 225; cataloged as USNM 391813 on 8 Dec 1967.

**Genus *Podomys* Osgood, 1909*****Hesperomys macropus* Merriam**

N. Am. Fauna 4: 53, 8 Oct 1890d.

= *Podomys floridanus* (Chapman, 1889). See Carleton (1980:115) for generic usage and Osgood (1909a:227) for specific synonymy of *macropus*.

Holotype: USNM 16582/23513. Skin and skull. Adult male. Collected 5 May 1889 by M. M. Green. Original number 72.

Type Locality: [FC: Juno], Lake Worth, [Palm Beach County], Florida.

**Genus *Reithrodon* Waterhouse, 1837*****Reithrodon hatcheri* J. A. Allen**

Bull. Am. Mus. Nat. Hist. 19: 191, 9 May 1903.

= *Reithrodon auritus pachycephalus* (Philippi, 1900). See Osgood (1943:221); subspecies recognized by Pardinas and Galliari (2001:1).

Holotype: USNM 84210. [Skin and skull]. Adult male. Collected 11 Mar 1897 by O. A. Peterson. Original number [SL: 600].

Type Locality: Pacific slope of the Cordilleras, head of the Rio Chico de Santa Cruz. Restricted to Perito Moreno National Park, about 48°S, 72°W, Santa Cruz Province, Argentina, by Pardinas and Galliari (2001:1).

**Genus *Reithrodontomys* Giglioli, 1874*****Reithrodon longicauda* Baird**

Mammals Rep. Explor. Surv. 8(1): 451, 1857.

= *Reithrodontomys megalotis longicaudus* Baird, 1857. See Grinnell (1913:303); subspecies recognized by Hall (1981:640) and Webster (1999:560).

Syntypes: As designated by Lyon and Osgood (1909:114).

USNM 1418/2282. Skin and skull. Female. Original number [MC: 231].

USNM 1419/2283. Skin and skull. [MC: Male]. Original number [MC: 232].

USNM 1583/2411. Skin and skull. [MC: Male]. Original number [MC: 239].

USNM 2581 through USNM 2591. In alcohol.

All collected by E. Samuels. Numbers 1418/2282 and 1419/2283 cataloged 24 Apr 1856; 1583/2411 cataloged 24 Jun 1856; the alcoholics cataloged Apr 1857.

Type Locality: Petaluma, [Sonoma County], California.

Remarks: No type specimen designated in the original description. Baird (1857:452) listed the above 14 specimens plus one from San Francisco, California. J. A. Allen (1895b:129) and Miller and Rehn (1901:97) gave Petaluma as the type locality but did not select a type specimen. Lyon and Osgood (1909:114) designated the specimens from Petaluma as cotypes = syntypes and fixed the type locality at Petaluma. Numbers 2582, 2584, and 2588 are recorded in the museum catalog as "Distributed to C. E. Aiken." Currently, the only syntype present in the collection is the skull of USNM 1418/2282.

***Reithrodon megalotis* Baird**

Mammals Rep. Explor. Surv. 8(1): 451, 1857.

= *Reithrodontomys megalotis megalotis* Baird, 1857. See A. H. Howell (1914:26); subspecies recognized by Hall (1981:640) and Webster (1999:560).

Lectotype: USNM 1039/2281 as designated by J. A. Allen (1895b:126). Mounted skin and skull. The skin cannot be found. Age and sex not given. Collected by C. B. [R.] Kennerly, date unknown. [MC: Skin cataloged 6 Dec 1855; skull 11 Apr 1856]. No original number.

Type Locality: Between Janos, Sonora, and San Luis Springs. Mearns (1907:460) gave the locality as Janos Plain, on wagon road between Janos, Chihuahua, [Mexico], and San Luis Springs, Monument No. 66, Grant (Hidalgo) County, New Mexico.

Remarks: Baird (1857:541) had two specimens from the above locality; J. A. Allen (1895b:126) stated the specimen given above should be considered the type, which action effectively designated a lectotype (ICZN, 1999: Article 74.5). A note in the museum catalog indicates that the skin was missing in Aug 1898.

***Reithrodon montanus* Baird**

Proc. Acad. Nat. Sci. Phila. 7: 335, reported favorably for publication 24 Apr 1855b. Receipt acknowledged 20 Jul 1855 by the Smithsonian Institution.

= *Reithrodontomys montanus montanus* Baird, 1855. See Benson (1935:141); subspecies recognized by Hall (1981:636) and Dowler (1999:561).

Holotype: USNM 441/1306. [Mounted skin and skull. Age and sex not given]. Collected [J. A. Allen (1895b:24): 29 or 30 Aug 1853 by F. Kreutzfeldt on Capt. E. G. Beckworth's expedition from Westport, Missouri to the Pacific coast in 1853–1854]. Original number [Baird (1857:450): 13].

Type Locality: In the vicinity of the Rocky Mountains, Lat. 38°. Baird (1857:450) subsequently repeated Rocky Mountains but gave the latitude as 39°. J. A. Allen (1895b:125) restricted the locality to upper part of the San Luis Valley,

[Saguache County, Colorado]. Cary (1911:108) determined from the expedition itinerary that the type locality appears to have been on the east side of the San Luis Valley about one-third the distance between old Fort Massachusetts, now Fort Garland, and Cochetopa Pass, probably not far from the San Luis Lakes. He collected what he considered to be topotypes of *R. montanus* near Medano Creek on Medano Springs Ranch, 15 mi (24 km) northeast of Mosca and a short distance northeast of the San Luis Lakes.

Remarks: Type not designated by number in the original description, but the description was based on a single specimen; the above listed number is given in Baird (1857:13) and becomes the holotype as fixed by monotypy (ICZN, 1999: Article 73.1.2).

***Reithrodontomys albescens* Cary**

Proc. Biol. Soc. Wash. 16: 53, 6 May 1903.

= *Reithrodontomys montanus albescens* Cary, 1903. See Benson (1935:141); subspecies recognized by Hall (1981:635) and Dowler (1999:561).

Holotype: USNM 116358. [Skin and skull]. Adult male. Collected 31 Oct 1901 by M. Cary. Original number 411. [SL: 3431-X].

Type Locality: 18 mi (29 km) northwest of Kennedy, [Cherry County], Nebraska.

***Reithrodontomys alleni* A. H. Howell**

N. Am. Fauna 36: 59, 5 Jun 1914.

= *Reithrodontomys sumichrasti luteolus*, A. H. Howell, 1914. See Hooper (1952:77); subspecies recognized by Hall (1981: 643).

Holotype: USNM 71563. [Skin and skull]. Adult male. Collected 27 Mar 1895 by E. W. Nelson and E. A. Goldman. Original number 7749.

Type Locality: Mountains near Ozolotepec, altitude 10,000 ft (3,048 m), Oaxaca, Mexico.

***Reithrodontomys amoles* A. H. Howell**

N. Am. Fauna 36: 40, 5 Jun 1914.

= *Reithrodontomys megalotis amoles* A. H. Howell, 1914. See Hooper (1952:64); subspecies recognized by Hall (1981: 638) and Webster (1999:560).

Holotype: USNM 81234. [Skin and skull]. Adult female. Collected 20 Sep 1896 by E. W. Nelson and E. A. Goldman. Original number 10169.

Type Locality: Pinal de Amoles, [FC: altitude about 8,000 ft (2,438 m)], Queretaro, Mexico.

***Reithrodontomys chrysopsis* Merriam**

Proc. Biol. Soc. Wash. 13: 152, 13 Jun 1900b.

= *Reithrodontomys chrysopsis chrysopsis* Merriam, 1900. See A. H. Howell (1914:66); subspecies recognized by Gonzalez-Ruiz et al. (2007:242).

Holotype: USNM 52031. [Skin and skull]. Adult male. Collected 25 Feb 1893 by E. W. Nelson and E. A. Goldman. Original number [FC: EWN] 4405.

Type Locality: Mount Popocatepetl, [SL and FC: altitude 11,500 ft (3,505 m)], [Mexico], Mexico.

***Reithrodontomys chrysopsis tolucae* Merriam**

Proc. Wash. Acad. Sci. 3: 549, 29 Nov 1901e.

= *Reithrodontomys chrysopsis chrysopsis* Merriam, 1900. See Hooper (1952:86); subspecies recognized by Gonzalez-Ruiz et al. (2007:242).

Holotype: USNM 55895. [Skin and skull]. Adult female. Collected 10 Sep 1893 by E. W. Nelson and E. A. Goldman. Original number [FC: EWN] 5454.

Type Locality: [SL and FC: North slope] Volcan Toluca, altitude 11,500 ft (3,505 m), State of Mexico, [Mexico].

***Reithrodontomys colimae* Merriam**

Proc. Wash. Acad. Sci. 3: 551, 29 Nov 1901e.

= *Reithrodontomys chrysopsis chrysopsis* Merriam, 1900. See Hooper (1952:86); subspecies recognized by Gonzalez-Ruiz et al. (2007:242).

Holotype: USNM 33671/45706. Skin and skull. Adult male. Collected 13 Apr 1892, not 21 Apr as in original description, by E. W. Nelson and E. A. Goldman. Original number [FC: EWN] 2447.

Type Locality: Near timberline, Sierra Nevada de Colima, altitude [FC: about] 12,000 ft (3,658 m), Jalisco, Mexico.

***Reithrodontomys colimae nerterus* Merriam**

Proc. Wash. Acad. Sci. 3: 551, 29 Nov 1901e.

= *Reithrodontomys sumichrasti nerterus* Merriam, 1901. See Hooper (1952:74); subspecies recognized by Hall (1981:643).

Holotype: USNM 33680/45715. Skin and skull. Adult female. Collected 21 Apr 1892 by E. W. Nelson and E. A. Goldman. Original number [FC: EWN] 2514.

Type Locality: Foothill region of Sierra Nevada de Colima, altitude [FC: about] 6,500 ft (1,981 m), Jalisco, Mexico.

***Reithrodontomys costaricensis jalapae* Merriam**

Proc. Wash. Acad. Sci. 3: 552, 29 Nov 1901e.

= *Reithrodontomys mexicanus mexicanus* (Saussure, 1860). See A. H. Howell (1914:70); subspecies recognized by Hall (1981:650).

Holotype: USNM 108538. [Skin and skull]. Adult male. Collected 10 May 1901 by E. W. Nelson and E. A. Goldman. Original number 14712.

Type Locality: Jalapa, altitude 4,000 ft (1,219 m), Veracruz, Mexico.

***Reithrodontomys difficilis* Merriam**

Proc. Wash. Acad. Sci. 3: 556, 29 Nov 1901e.

= *Reithrodontomys fulvescens difficilis* Merriam, 1901. See A. H. Howell (1914:50); subspecies recognized by Hall (1981:645) and Cameron (1999b:557).

Holotype: USNM 63735. [Skin and skull]. Adult male. Collected 20 Feb 1894 by E. W. Nelson and E. A. Goldman. Original number 5868.

Type Locality: Orizaba, altitude 4,500 ft (1,372 m) [FC: 4,200 ft (1,280 m)], Veracruz, Mexico.

***Reithrodontomys dorsalis* Merriam**

Proc. Wash. Acad. Sci. 3: 557, 29 Nov 1901e.

= *Reithrodontomys sumichrasti dorsalis* Merriam, 1901. See Hooper (1952:78); subspecies recognized by Hall (1981:643). Holotype: USNM 77009. [Skin and skull]. Adult male. Collected 14 Jan 1896 by E. W. Nelson and E. A. Goldman. Original number 9112.

Type Locality: Cael, [FC: 10,200 ft (3,109 m)], [Quetzaltenango], Guatemala.

***Reithrodontomys dychei nebrascensis* J. A. Allen**

Bull. Am. Mus. Nat. Hist. 7: 122, 21 May 1895b.

= *Reithrodontomys megalotis dychei* J. A. Allen, 1895. See A. H. Howell (1914:30); subspecies recognized by Hall (1981:638) and Webster (1999:560).

Holotype: USNM 18624/25426. Skin and skull. Adult male. Collected 10 Apr 1890 by V. Bailey. Original number [SL: 1042].

Type Locality: Kennedy, [FC: probably 2,700 ft (823 m), Cherry County], Nebraska.

***Reithrodontomys fulvescens chiapensis* A. H. Howell**

N. Am. Fauna 36: 53, 5 Jun 1914.

Subspecies recognized by Hall (1981:645) and Cameron (1999b:557).

Holotype: USNM 132865. [Skin and skull]. Adult male. Collected 2 May 1904 by [E. W.] Nelson and [E. A.] Goldman. Original number 16741.

Type Locality: Canjob, [FC: altitude 5,300 ft (1,615 m)], Chiapas, Mexico.

***Reithrodontomys fulvescens mustelinus* A. H. Howell**

N. Am. Fauna 36: 54, 5 Jun 1914.

Subspecies recognized by Gonzalez-Ruiz et al. (2007:243).

Holotype: USNM 71549. [Skin and skull]. Adult female. Collected 18 Feb 1895 by [E. W.] Nelson and [E. A.] Goldman. Original number 7483.

Type Locality: Llano Grande, [FC: altitude 200 ft (61 m)], Oaxaca, Mexico.

***Reithrodontomys fulvescens nelsoni* A. H. Howell**

N. Am. Fauna 36: 53, 5 Jun 1914.

Subspecies recognized by Hall (1981:647) and Cameron (1999b:557).

Holotype: USNM 33409/45432. Skin and skull. Adult female. Collected 9 Mar 1892 by E. W. Nelson. Original number 2050.

Type Locality: Colima, [FC: altitude 1,700 ft (518 m)], Colima, Mexico.

***Reithrodontomys goldmani* Merriam**

Proc. Wash. Acad. Sci. 3: 552, 29 Nov 1901e.

= *Reithrodontomys mexicanus mexicanus* (Saussure, 1860). See Hooper (1952:140); subspecies recognized by Hall (1981:650).

Holotype: USNM 93096. [Skin and skull]. Adult female. Collected 12 Feb 1898 by E. A. Goldman. Original number [FC: Nelson and Goldman] 12153.

Type Locality: [FC: Near] Metlatoyuca, altitude [FC: about] 800 ft (244 m), Puebla, [Mexico].

***Reithrodontomys griseoflavus* Merriam**

Proc. Wash. Acad. Sci. 3: 553, 29 Nov 1901e.

= *Reithrodontomys fulvescens tenuis* J. A. Allen, 1899. See A. H. Howell (1914:45); subspecies recognized by Hall (1981:645) and Cameron (1999b:557).

Holotype: USNM 82196. [Skin and skull]. Adult male. Collected 9 Feb 1897 by E. W. Nelson and E. A. Goldman. Original number 10501.

Type Locality: Ameca, altitude 4,000 ft (1,219 m), Jalisco, Mexico.

***Reithrodontomys griseoflavus helvolus* Merriam**

Proc. Wash. Acad. Sci. 3: 554, 29 Nov 1901e.

= *Reithrodontomys fulvescens helvolus* Merriam, 1901. See A. H. Howell (1914:52); subspecies recognized by Hall (1981:647) and Cameron (1999b:557).

Holotype: USNM 68387. [Skin and skull]. Adult female. Collected 14 Aug 1894 by E. W. Nelson and E. A. Goldman. Original number 6576.

Type Locality: Oaxaca City, [FC: altitude 5,000 ft (1,524 m)], Oaxaca, Mexico.

***Reithrodontomys griseus* V. Bailey**

N. Am. Fauna 25: 106, 24 Oct 1905.

= *Reithrodontomys montanus griseus* V. Bailey, 1905. See Benson (1935:141); subspecies recognized by Hall (1981:636) and Dowler (1999:561).

Holotype: USNM 87852. [Skin and skull]. Adult male. Collected 4 Mar 1897 by H. P. Attwater. Original number 1068. 371-X.

Type Locality: San Antonio, [Bexar County], Texas.

***Reithrodontomys hirsutus* Merriam**

Proc. Wash. Acad. Sci. 3: 553, 29 Nov 1901e.

Holotype: USNM 82200. [Skin and skull]. Old male. Collected 15 Feb 1897 by E. W. Nelson and E. A. Goldman. Original number 10537.

Type Locality: Ameca, altitude 5,500 ft (1,676 m), Jalisco, Mexico.

***Reithrodontomys humulis virginianus* A. H. Howell**

J. Mammal. 21: 346, 13 Aug 1940.

Subspecies recognized by Hall (1981:637) and Schmidly (1999b:558).

Holotype: USNM 263815. [Skin and skull]. Adult male. Collected 15 Feb 1938 by J. B. Lewis. Original number 158. 28258-X.



Type Locality: Amelia [FC: Courthouse, Amelia County], Virginia.

***Reithrodontomys klamathensis* Merriam**

N. Am. Fauna 16: 93, 28 Oct 1899.

= *Reithrodontomys megalotis longicaudus* (Baird, 1857). See A. H. Howell (1914:33); subspecies recognized by Hall (1981:640) and Webster (1999:560).

Holotype: USNM 95444. [Skin and skull]. Adult male. Collected 18 Sep 1898 by W. H. Osgood. Original number 281.

Type Locality: Big Spring (Mayten), Shasta Valley, [Siskiyou County], California.

***Reithrodontomys levipes* Merriam**

Proc. Wash. Acad. Sci. 3: 554, 29 Nov 1901e.

= *Reithrodontomys hirsutus* Merriam, 1901. See Hooper (1952:124).

Holotype: USNM 88057. [Skin and skull]. Adult male. Collected 30 Mar 1897 by E. W. Nelson and E. A. Goldman. Original number 10839.

Type Locality: San Sebastian, altitude 3,000 ft (914 m), Jalisco, Mexico.

***Reithrodontomys levipes otus* Merriam**

Proc. Wash. Acad. Sci. 3: 555, 29 Nov 1901e.

= *Reithrodontomys sumichrasti nerterus* Merriam, 1901. See Hooper (1952:74); subspecies recognized by Hall (1981:643).

Holotype: USNM 33670/45705. Skin and skull. Adult female. Collected 11 Apr 1892 by E. W. Nelson and E. A. Goldman. Original number [FC: EWN] 2439.

Type Locality: Foothill region of Sierra Nevada de Colima, altitude [FC: about] 6,500 ft (1,981 m), Jalisco, Mexico.

***Reithrodontomys levipes toltecus* Merriam**

Proc. Wash. Acad. Sci. 3: 555, 29 Nov 1901e.

= *Reithrodontomys fulvescens toltecus* Merriam, 1901. See A. H. Howell (1914:51); subspecies recognized by Gonzalez-Ruiz et al. (2007:242).

Holotype: USNM 50746. [Skin and skull]. Adult female. Collected 1 Dec 1892 by E. W. Nelson and E. A. Goldman. Original number [FC: EWN] 3935.

Type Locality: Tlalpam, [FC: altitude 7,600 ft (2,316 m)], Valley of Mexico, [Distrito Federal, Mexico].

***Reithrodontomys megalotis caryi* A. H. Howell**

J. Mammal. 16: 143, 15 May 1935.

= *Reithrodontomys megalotis aztecus* J. A. Allen, 1893. See Jones and Mursaloglu (1961:19); subspecies recognized by Hall (1981:638) and Webster (1999:560).

Holotype: USNM 150714. Skin and skull. Adult female. Collected 4 Nov 1907 by M. Cary. Original number 1232.

Type Locality: Medano Ranch, 15 mi (24 km) northeast of Mosca, [FC: altitude 7,600 ft (2,316 m)], Alamosa County, Colorado.

***Reithrodontomys megalotis deserti* J. A. Allen**

Bull. Am. Mus. Nat. Hist. 7: 127, 21 May 1895b.

= *Reithrodontomys megalotis megalotis* (Baird, 1857). See A. H. Howell (1914:26); subspecies recognized by Hall (1981:640) and Webster (1999:560).

Holotype: USNM 27720/39819. Skin and skull. Adult female. Collected 16 Mar 1891 by F. Stephens. Original number [SL: 149].

Type Locality: [FC: Lower end] Oasis Valley, Nye County, Nevada.

***Reithrodontomys megalotis nigrescens* A. H. Howell**

N. Am. Fauna 36: 32, 5 Jun 1914.

= *Reithrodontomys megalotis megalotis* (Baird, 1857). See Hall (1946:499); subspecies recognized by Hall (1981:640) and Webster (1999:560).

Holotype: USNM 201616. [Skin and skull]. Adult male. Collected 9 Jun 1913 by L. E. Wyman. Original number 98.

Type Locality: Payette, [Payette County], Idaho.

***Reithrodontomys megalotis obscurus* Merriam**

Proc. Wash. Acad. Sci. 3: 558, 29 Nov 1901e.

= *Reithrodontomys zacatecae* Merriam, 1901. See Musser and Carleton (1993:743).

Holotype: USNM 95277. [Skin and skull]. Adult male. Collected 26 Aug 1898 by E. W. Nelson and E. A. Goldman. Original number 12900.

Type Locality: Sierra Madre, near Guadalupe y Calvo, [FC: altitude 7,000 ft (2,134 m)], Chihuahua, Mexico.

***Reithrodontomys megalotis ravus* Goldman**

J. Mammal. 20: 355, 14 Aug 1939.

Subspecies recognized by Hall (1981:641) and Webster (1999:560).

Holotype: USNM 263963. Skin and skull. Adult male. Collected 26 Jun 1938 by W. H. Marshall. Original number [SL: 161].

Type Locality: Sandbar at spring on lake shore, north end of Stansbury Island, Great Salt Lake, altitude 4,250 ft (1,295 m), [Tooele County], Utah.

***Reithrodontomys megalotis zacatecae* Merriam**

Proc. Wash. Acad. Sci. 3: 557, 29 Nov 1901e.

= *Reithrodontomys zacatecae* Merriam, 1901. See Musser and Carleton (1993:743).

Holotype: USNM 91910. [Skin and skull]. Adult female. Collected 6 Dec 1897 by E. W. Nelson and E. A. Goldman. Original number 11859.

Type Locality: Valparaiso Mountains, [FC: altitude 8,200 ft (2,499 m)], Zacatecas, Mexico.

***Reithrodontomys merriami* J. A. Allen**

Bull. Am. Mus. Nat. Hist. 7: 119, 21 May 1895b.

= *Reithrodontomys humulis merriami* J. A. Allen, 1895. See A. H. Howell (1914:21); subspecies recognized by Hall (1981:637) and Schmidly (1999b:558).

Holotype: USNM 32832/44853. Skin and skull. Adult male. Collected 15 Mar 1892 by W. Lloyd. Original number [SL: 1162].

Type Locality: Austin Bayou, near [FC: 10 mi (16 km) southwest of] Alvin, Brazoria County, Texas.

***Reithrodontomys mexicanus aurantius* J. A. Allen**

Bull. Am. Mus. Nat. Hist. 7: 137, 21 May 1895b.

= *Reithrodontomys fulvescens aurantius* J. A. Allen, 1895. See A. H. Howell (1914:48); subspecies recognized by Hall (1981:645) and Cameron (1999b:557).

Holotype: USNM 33963/45998. Skin and skull. Adult male. Collected 24 May 1892 by R. J. Thompson. Original number [SL: 174].

Type Locality: Lafayette, [Lafayette Parish], Louisiana.

***Reithrodontomys mexicanus lucifrons* A. H. Howell**

Proc. Biol. Soc. Wash. 45: 125, 30 Jul 1932.

Subspecies recognized by Hall (1981:650).

Holotype: USNM 257086. Skin and skull. Adult female. Collected 7 Feb 1932 by C. F. Underwood. Original number 709.

Type Locality: Cerro Cantoral, [Francisco Morazan], Honduras.

***Reithrodontomys mexicanus minusculus* A. H. Howell**

Proc. Biol. Soc. Wash. 45: 125, 30 Jul 1932.

= *Reithrodontomys mexicanus lucifrons* A. H. Howell, 1932. See Hooper (1952:150); subspecies recognized by Hall (1981:650).

Holotype: USNM 257087. Skin and skull. Adult male. Collected 27 Feb 1932 by C. F. Underwood. Original number 797.

Type Locality: Comayabuela (Comayaguela), just south of Tegucigalpa, [Francisco Morazan], Honduras.

***Reithrodontomys microdon* Merriam**

Proc. Wash. Acad. Sci. 3: 548, 29 Nov 1901e.

= *Reithrodontomys microdon microdon* Merriam, 1901. See A. H. Howell (1914:80); subspecies recognized by Hall (1981:653).

Holotype: USNM 76923. [Skin and skull]. Adult female. Collected 31 Dec 1895 by E. W. Nelson and E. A. Goldman. Original number 8977.

Type Locality: Todos Santos, altitude 10,000 ft (3,048 m), [Huehuetenango], Guatemala.

***Reithrodontomys microdon albilabris* Merriam**

Proc. Wash. Acad. Sci. 3: 549, 29 Nov 1901e.

Subspecies recognized by Hall (1981:653).

Holotype: USNM 68393. [Skin and skull]. Adult female. Collected 25 Aug 1894 by E. W. Nelson and E. A. Goldman. Original number 6629.

Type Locality: Cerro San Felipe, altitude 10,000 ft (3,048 m), Oaxaca, Mexico.

***Reithrodontomys orizabae* Merriam**

Proc. Wash. Acad. Sci. 3: 550, 29 Nov 1901e.

= *Reithrodontomys chrysopsis perotensis* Merriam, 1901. See Hooper (1952:89); subspecies recognized by Hall (1981:642).

Holotype: USNM 53626. [Skin and skull]. Adult male. Collected 24 Apr 1893 by E. W. Nelson and E. A. Goldman. Original number [FC: EWN] 4732.

Type Locality: Mount Orizaba, altitude 9,500 ft (2,896 m), Puebla, Mexico.

***Reithrodontomys perotensis* Merriam**

Proc. Wash. Acad. Sci. 3: 550, 29 Nov 1901e.

= *Reithrodontomys chrysopsis perotensis* Merriam, 1901. See Davis (1944b:393); subspecies recognized by Hall (1981:642).

Holotype: USNM 54424. [Skin and skull]. Adult male. Collected 31 May 1893 by E. W. Nelson and E. A. Goldman. Original number [FC: EWN] 4912.

Type Locality: Cofra (Cofre) de Perote, altitude 9,500 ft (2,896 m), Veracruz, Mexico.

***Reithrodontomys rufescens luteolus* A. H. Howell**

N. Am. Fauna 36: 57, 5 Jun 1914.

= *Reithrodontomys sumichrasti luteolus* A. H. Howell, 1914. See Hooper (1952:77); subspecies recognized by Hall (1981:643).

Holotype: USNM 71558. [Skin and skull]. Adult female. Collected 28 Feb 1895 by E. W. Nelson and E. A. Goldman. Original number 7579.

Type Locality: Juquila, altitude 5,000 ft (1,524 m), Oaxaca, Mexico.

***Reithrodontomys saturatus alticolus* Merriam**

Proc. Wash. Acad. Sci. 3: 556, 29 Nov 1901e.

= *Reithrodontomys megalotis alticolus* Merriam, 1901. See A. H. Howell (1914:37); subspecies recognized by Hall (1981:638) and Webster (1999:560).

Holotype: USNM 68392. [Skin and skull]. Old male. Collected 24 Aug 1894 by E. W. Nelson and E. A. Goldman. Original number 6623.

Type Locality: Cerro San Felipe, near Oaxaca City, altitude 10,000 ft (3,048 m), Oaxaca, Mexico.

***Reithrodontomys saturatus cinereus* Merriam**

Proc. Wash. Acad. Sci. 3: 556, 29 Nov 1901e.

= *Reithrodontomys megalotis saturatus* J. A. Allen and Chapman, 1897. See Hooper (1952:55); subspecies recognized by Hall (1981:641) and Webster (1999:560).

Holotype: USNM 53623. [Skin and skull]. Adult male. Collected 13 Apr 1893 by E. W. Nelson and E. A. Goldman. Original number [FC: EWN] 4659.

Type Locality: Chalchicomula, [FC: altitude 8,200 ft (2,499 m)], Puebla, Mexico.

***Reithrodontomys tenuirostris* Merriam**

Proc. Wash. Acad. Sci. 3: 547, 29 Nov 1901e.

Holotype: USNM 76919. [Skin and skull]. Adult male. Collected 29 Dec 1895 by E. W. Nelson and E. A. Goldman. Original number 8917.

Type Locality: Todos Santos, altitude 10,000 ft (3,048 m), [Huehuetenango], Guatemala.

***Reithrodontomys tenuirostris aureus* Merriam**

Proc. Wash. Acad. Sci. 3: 548, 29 Nov 1901e.

= *Reithrodontomys tenuirostris* Merriam, 1901. See Hooper (1952:171).

Holotype: USNM 76939. [Skin and skull]. Adult female. Collected 15 Jan 1896 by E. W. Nelson and E. A. Goldman. Original number 9140.

Type Locality: Calel, altitude 10,200 ft (3,109 m), [Quetzaltenango], Guatemala.

**Genus *Rheomys* Thomas, 1906**

***Rheomys raptor* Goldman**

Smithson. Misc. Collect. 60(2): 7, 20 Sep 1912a.

= *Rheomys raptor raptor* Goldman, 1912. See Voss (1988:357).

Holotype: USNM 179028. [Skin and skull]. Adult male. Collected 28 Apr 1912 by E. A. Goldman. Original number 21658.

Type Locality: Near head of Rio Limon, altitude 4,500 ft (1,372 m), Mount Pirri, [Darien], eastern Panama.

**Genus *Rhipidomys* Tschudi, 1845**

***Rhipidomys scandens* Goldman**

Smithson. Misc. Collect. 60(22): 8, 28 Feb 1913.

= *Rhipidomys latimanus latimanus* Tomes, 1860. See Tribe (1996:221).

Holotype: USNM 178987. [Skin and skull]. Old adult female. Collected 25 Apr 1912 by E. A. Goldman. Original number 21640.

Type Locality: Near head of Rio Limon, altitude 5,000 ft (1,524 m) [SL and FC: 5,100 ft (1,554 m)], Mount Pirri, [Darien], eastern Panama.

Remarks: USNM 178937 was incorrectly given as the catalog number in the original description.

***Rhipidomys wetzeli* A. L. Gardner**

In Redford and Eisenberg, eds., *Advances in Neotropical Mammalogy*, p. 417, 6 Feb 1990.

Holotype: USNM 560697. Skin and skull. Adult female. Collected 2 Dec 1984 by A. L. Gardner. Original number 14326.

Type Locality: Camp VII, 00°50'40"N, 65°58'10"W, 1,800 m [SL: 1,850 m], Cerro de la Neblina, Territorio Federal Amazonas, Venezuela.

**Genus *Scotinomys* Thomas, 1913**

***Scotinomys teguina subnubilis* Goldman**

Proc. Biol. Soc. Wash. 48: 141, 22 Aug 1935.

= *Scotinomys teguina teguina* Alston, 1876. See Hooper (1972:15); subspecies recognized by Hall (1981:735).

Holotype: USNM 76353. Skin and skull. Adult male. Collected 22 Aug 1895 by [E. W.] Nelson and [E. A.] Goldman. Original number 8371.

Type Locality: Ocuilapa, 10 mi (16 km) northwest of Ocozucuatla (Ocozucuatla) and about 25 mi (40 km) west of Tuxtla Gutierrez, altitude 3,500 ft (1,067 m), Chiapas, Mexico.

**Genus *Sigmodon* Say and Ord, 1825**

***Sigmodon alleni* V. Bailey**

Proc. Biol. Soc. Wash. 15: 112, 2 Jun 1902b.

= *Sigmodon alleni alleni* V. Bailey, 1902. See Baker (1969:192); subspecies recognized by Hall (1981:743).

Holotype: USNM 88227. [Skin and skull]. Adult male. Collected 15 Mar 1897 by E. W. Nelson and E. A. Goldman. Original number 10708.

Type Locality: [FC: Near] San Sebastian, [FC: altitude 3,800 ft (1,158 m)], Mascota, Jalisco, Mexico.

***Sigmodon alticola* V. Bailey**

Proc. Biol. Soc. Wash. 15: 116, 2 Jun 1902b.

= *Sigmodon leucotis alticola* V. Bailey, 1902. See Baker (1969:222); subspecies recognized by Hall (1981:744).

Holotype: USNM 68231. [Skin and skull]. Adult male. Collected 24 Aug 1894 by E. W. Nelson and E. A. Goldman. Original number 6624.

Type Locality: Cerro San Felipe, altitude 10,000 ft (3,048 m), Oaxaca, Mexico.

***Sigmodon alticola amoles* V. Bailey**

Proc. Biol. Soc. Wash. 15: 116, 2 Jun 1902b.

= *Sigmodon leucotis leucotis* V. Bailey, 1902. See Baker (1969:220); subspecies recognized by Hall (1981:744).

Holotype: USNM 81430. [Skin and skull]. Adult male. Collected 18 Sep 1896, not 1898 as given in original description, by E. W. Nelson and E. A. Goldman. Original number 10161.

Type Locality: Pinal de Amoles, altitude [FC: about] 7,000 ft (2,134 m), Queretaro, Mexico.

***Sigmodon berlandieri* Baird**

Proc. Acad. Nat. Sci. Phila. 7: 333, reported favorably for publication 24 Apr 1855a. Receipt acknowledged 15 Jun 1855 by the American Philosophical Society.

= *Sigmodon hispidus berlandieri* Baird, 1855. See Coues (1877:42); subspecies recognized by Hall (1981:736) and Cameron (1999c:594).

Lectotype: USNM 566/1687 as designated by Coues (1877:39). Skin, not found, and skull. [Lyon and Osgood (1909:109): Adult] female. Collected 1853 by D. N. Couch. No original number.

Type Locality: Rio Nasas (Nazas), Coahuila, Mexico.

Remarks: Baird (1855:333) indicated that *berlandieri* was based on specimens collected between San Antonio and El Paso by Mr. Clark and in northern Mexico by Lieut. Couch, but he did not select a type. In a subsequent publication, Baird (1857:506) listed several specimens, and in a table on page 505 he gave measurements for USNM 566. Bailey (1902b:107) stated that this specimen is generally considered the type. Lyon and Osgood (1909:109) and Poole and Schantz (1942:351) followed Bailey in listing it as the type. However, Coues (1877:39) had earlier, in his Table VIII listing measurements of *Sigmodon*, footnoted USNM 566 as the "type of *S. 'berlandieri'* Baird," which action effectively fixed the lectotype (ICZN, 1999: Article 74.5). Notes in the museum catalog state that the specimen was originally in alcohol, skinned, and the body remained in alcohol and that neither were found 13 Feb 1903.

***Sigmodon guerrerensis* Nelson and Goldman**

Proc. Biol. Soc. Wash. 46: 196, 26 Oct 1933.

= *Sigmodon alleni vulcani* J. A. Allen, 1906. See Baker (1969:194); subspecies recognized by Hall (1981:744).

Holotype: USNM 126936. Skin and skull. Adult female. Collected 21 May 1903 by [E. W.] Nelson and [E. A.] Goldman. Original number 16467.

Type Locality: Omilteme, altitude 8,000 ft (2,438 m), Guerrero, Mexico.

***Sigmodon hispidus alfredi* Goldman and Gardner**

J. Mammal. 28: 57, 15 Feb 1947.

Subspecies recognized by Hall (1981:736) and Cameron (1999c:594).

Holotype: USNM 274918. Skin and skull. Adult male. Collected 19 Mar 1946 by R. L. Landburg. Original number 1056. 32296-X.

Type Locality: I. N. Pruitt Farm, near William's Corner, 11 mi (18 km) north of Springfield, Baca County, Colorado.

***Sigmodon hispidus confinis* Goldman**

Proc. Biol. Soc. Wash. 31: 21, 16 May 1918b.

Subspecies recognized by Hall (1981:737) and Cameron (1999c:594).

Holotype: USNM 204241. [Skin and skull]. Adult male. Collected 27 Jul 1914 by J. L. Peters. Original number 77.

Type Locality: Safford, altitude 2,900 ft (834 m), [Graham County], Arizona.

***Sigmodon hispidus eremicus* Mearns**

Proc. U.S. Natl. Mus. 20: 4, 5 Mar 1897b. Preprint of Proc. U.S. Natl. Mus. 20: 504, 19 Jan 1898.

Subspecies recognized by Hall (1981:737) and Cameron (1999c:594).

Holotype: USNM 60319. Skin and skull. Adult male. Collected 24 Mar 1894 by E. A. Mearns and F. X. Holzner. Original number 3367.

Type Locality: Cienega Well, 30 mi (48 km) south of Monument No. 204, Mexican boundary line, on the left bank of the Colorado River, Sonora, [Mexico].

***Sigmodon hispidus floridanus* A. H. Howell**

Proc. Biol. Soc. Wash. 56: 73, 16 Jun 1943.

Subspecies recognized by Hall (1981:737) and Cameron (1999c:594).

Holotype: USNM 261264. Skin and skull. Adult female. Collected 1 Mar 1936 by A. H. Howell. Original number 2813.

Type Locality: Canal Point, Palm Beach County, Florida.

***Sigmodon hispidus jacksoni* Goldman**

Proc. Biol. Soc. Wash. 31: 22, 16 May 1918b.

= *Sigmodon arizonae jacksoni* Goldman, 1918. See Hall (1981:742); subspecies recognized by Davis and Young (1999:592).

Holotype: USNM 214121. [Skin and skull]. Subadult male. Collected 8 Jul 1916 by H. H. T. Jackson. Original number 456.

Type Locality: 3 mi (5 km) north of Fort Whipple, altitude 5,000 ft (1,524 m), near Prescott, [Yavapai County], Arizona.

***Sigmodon hispidus komareki* M. C. Gardner**

Proc. Biol. Soc. Wash. 61: 97, 16 Jun 1948a.

Subspecies recognized by Hall (1981:739) and Cameron (1999c:594).

Holotype: USNM 207210. Skin and skull. Adult male. Collected 9 Mar 1915 by L. J. Goldman. Original number 2128.

Type Locality: Woodville, altitude 616 ft (188 m), Jackson County, Alabama.

***Sigmodon hispidus major* V. Bailey**

Proc. Biol. Soc. Wash. 15: 109, 2 Jun 1902b.

= *Sigmodon arizonae major* V. Bailey, 1902. See Hall (1981:742); subspecies recognized by Davis and Young (1999:592).

Holotype: USNM 96275. [Skin and skull]. Adult male. Collected 20 Oct 1898 by E. W. Nelson and E. A. Goldman. Original number 13154.

Type Locality: Sierra de Choix, 50 mi (80 km) [Burt (1938:62): probably only 10 mi (16 km) or 15 mi (24 km)] northeast of Choix, [FC: altitude 4,500 ft–5,000 ft (1,373 m–1,524 m)], Sinaloa, Mexico.

***Sigmodon hispidus microdon* V. Bailey**

Proc. Biol. Soc. Wash. 15: 111, 2 Jun 1902b.

= *Sigmodon toltecus* (Saussure, 1860). See Musser and Carleton (2005:1177).

Holotype: USNM 108467. [Skin and skull]. Adult male. Collected 13 Mar 1901 by E. W. Nelson and E. A. Goldman. Original number 14581.

Type Locality: Puerto Morelos, Yucatan (Quintana Roo), [FC: Mexico].

***Sigmodon hispidus pallidus* Mearns**

Proc. U.S. Natl. Mus. 20: 4, 5 Mar 1897b. Preprint of Proc. U.S. Natl. Mus. 20: 504, 19 Jan 1898.

= *Sigmodon hispidus berlandieri* Baird, 1855. See V. Bailey (1902b:106); subspecies recognized by Hall (1981:736) and Cameron (1999c:594).

Holotype: USNM 20103/35464. Skin and skull. Adult male. Collected 19 Feb 1892 by E. A. Mearns and F. X. Holzner. Original number 1461.

Type Locality: Left bank of the Rio Grande, about 6 mi (10 km) above El Paso and opposite the initial monument of the Mexican boundary, [El Paso County], Texas.

***Sigmodon hispidus plenus* Goldman**

Proc. Biol. Soc. Wash. 41: 205, 18 Dec 1928.

= *Sigmodon arizonae plenus* Goldman, 1928. See Hall (1981:742); subspecies recognized by Davis and Young (1999:592).

Holotype: USNM 181086. [Skin and skull]. Adult male. Collected 2 Feb 1913 by E. A. Goldman. Original number 21819.

Type Locality: Parker, altitude 350 ft (107 m), [La Paz County], Arizona.

***Sigmodon hispidus saturatus* V. Bailey**

Proc. Biol. Soc. Wash. 15: 111, 2 Jun 1902b.

= *Sigmodon toltecus* (Saussure, 1860). See Musser and Carleton (2005:1177).

Holotype: USNM 99998. [Skin and skull]. Adult male. Collected 5 Apr 1900 by E. W. Nelson and E. A. Goldman. Original number 14108.

Type Locality: Teapa, Tabasco, [SL: Mexico].

***Sigmodon hispidus tonalensis* V. Bailey**

Proc. Biol. Soc. Wash. 15: 109, 2 Jun 1902b.

= *Sigmodon mascotensis* J. A. Allen, 1897. See Carleton et al. (1999:843), who allocated *tonalensis* to *S. mascotensis* and found no basis for subspecific recognition.

Holotype: USNM 75144. [Skin and skull]. Adult male. Collected 9 Aug 1895 by E. W. Nelson and E. A. Goldman. Original number 8312.

Type Locality: Tonalá, [FC: altitude 500 ft (152 m)], Chiapas, Mexico.

***Sigmodon hispidus virginianus* M. C. Gardner**

Proc. Biol. Soc. Wash. 59: 137, 25 Oct 1946.

Subspecies recognized by Hall (1981:740) and Cameron (1999c:595).

Holotype: USNM 273535. Skin and skull. Adult female. Collected 30 Jan 1943 by J. B. Lewis. Original number 705.31384-X.

Type Locality: Triplet, altitude 160 ft (49 m), [SL: Seward Forest], Brunswick County, Virginia.

***Sigmodon leucotis* V. Bailey**

Proc. Biol. Soc. Wash. 15: 115, 2 Jun 1902b.

= *Sigmodon leucotis leucotis* V. Bailey, 1902. See Baker (1969:220); subspecies recognized by Hall (1981:744).

Holotype: USNM 92001. [Skin and skull]. Adult female. Collected 2 Dec 1897 by E. W. Nelson and E. A. Goldman. Original number 11812.

Type Locality: Valparaiso Mountains, altitude 8,700 ft (2,652 m), Zacatecas, Mexico.

***Sigmodon melanotis* V. Bailey**

Proc. Biol. Soc. Wash. 15: 114, 2 Jun 1902b.

= *Sigmodon fulviventor melanotis* V. Bailey, 1902. See Baker (1969:212); subspecies recognized by Hall (1981:742) and Shump (1999:593).

Holotype: USNM 50190. [Skin and skull]. Adult female. Collected 15 Jul 1892 by E. W. Nelson. Original number 2834.

Type Locality: Patzcuaro, altitude 7,000 ft (2,134 m), Michoacan, Mexico.

***Sigmodon minima* Mearns**

Proc. U.S. Natl. Mus. 17: 130, 19 Jul 1894.

= *Sigmodon fulviventor minimus* Mearns, 1894. See Baker and Greer (1962:123); subspecies recognized by Hall (1981:742) and Shump (1999:593).

Holotype: USNM 21187/37291. Skin [and skull]. Adult male. Collected 26 Apr 1892 by E. A. Mearns and F. X. Holzner. Original number [SL: 1704].

Type Locality: Upper Corner Monument [SL and FC: Number 40], [Miller and Kellogg (1955:530): 1,500 m], [Hidalgo County], New Mexico, on the Mexican boundary line 100 mi (161 km) west of the initial monument on the west bank of the Rio Grande.

Remarks: Published as skin number USNM 21187 to which skull number USNM 37291 belongs.

***Sigmodon minimus goldmani* V. Bailey**

Proc. Biol. Soc. Wash. 26: 132, 21 May 1913.

= *Sigmodon fulviventor goldmani* V. Bailey, 1913. See Baker and Greer (1962:123); subspecies recognized by Hall (1981:742) and Shump (1999:593).

Holotype: USNM 167625. [Skin and skull]. Young adult female. Collected 28 Oct 1909 by E. A. Goldman. Original number [FC: Nelson and Goldman] 20695.

Type Locality: 7 mi (11 km) north of [SL and FC: Las] Palomas [FC: Hot Springs], altitude 4,200 ft (1,280 m), [Sierra County], New Mexico.

***Sigmodon minimus woodi* M. C. Gardner**

J. Mammal. 29: 65, 13 Feb 1948b.

= *Sigmodon fulviventor minimus* Mearns, 1894. See Hall (1981:743); subspecies recognized by Shump (1999:593).

Holotype: USNM 266327. Skin and skull. Adult male. Collected 1 Dec 1940 by D. Wood Jr. Original number 12.30005-X.

Type Locality: East side of the Rio Grande [SL: River], 51 mi (82 km) south of Albuquerque, near Bernardo, altitude 5,000 ft (1,524 m), Socorro County, New Mexico.

*Sigmodon ochrognathus* V. Bailey

Proc. Biol. Soc. Wash. 15: 115, 2 Jun 1902b.

Holotype: USNM 110333. [Skin and skull]. Adult female. Collected 13 Jun 1901 by V. Bailey. Original number 7681.

Type Locality: Chisos Mountains, altitude 8,000 ft (2,438 m), [Brewster County], Texas.

*Sigmodon ochrognathus madrensis* Goldman and Gardner

J. Mammal. 28: 58, 15 Feb 1947.

= *Sigmodon ochrognathus* V. Bailey, 1902. See Findley and Jones (1960:469).

Holotype: USNM 96268. Skin and skull. Adult male. Collected 22 Sep 1898 by E. W. Nelson and E. A. Goldman. Original number 13051.

Type Locality: Foothills of Sierra Madre, about 30 mi (42 km) northwest of Parral, altitude about 6,200 ft (1,890 m), southern Chihuahua, Mexico.

*Sigmodon planifrons* Nelson and Goldman

Proc. Biol. Soc. Wash. 46: 197, 26 Oct 1933.

Holotype: USNM 71918. Skin and skull. Adult female. Collected 28 Feb 1895 by [E. W.] Nelson and [E. A.] Goldman. Original number 7569.

Type Locality: Juquila, altitude 5,000 ft (1,524 m), southwestern Oaxaca, Mexico.

**Genus *Sigmodontomys* J. A. Allen, 1897**

*Nectomys alfari efficax* Goldman

Smithson. Misc. Collect. 60(22): 7, 28 Feb 1913.

= *Sigmodontomys alfari efficax* Goldman, 1913. See Musser and Carleton (1993:748); subspecies recognized by Hall (1981:624) under *Oryzomys alfari*.

Holotype: USNM 178627. [Skin and skull]. Adult male. Collected 12 Mar 1912 by E. A. Goldman. Original number 21498.

Type Locality: Cana, altitude 1,800 ft (549 m), [Darien], eastern Panama.

**Genus *Synaptomys* Baird, 1857**

*Mictomys innuitus* True

Proc. U.S. Natl. Mus. 17: 3, 24 Apr 1894c. Preprint of Proc. U.S. Natl. Mus. 17: 243, 15 Nov 1894d.

= *Synaptomys borealis innuitus* True, 1894. See A. B. Howell (1927a:28); subspecies recognized by Hall (1981:833) and West (1999:656).

Holotype: USNM 14838/24729. In alcohol, [skull removed]. Nursing female. Collected spring of 1884 by L. M. Turner. Original number [MC: 506].

Type Locality: Fort Chimo (Kuujjuaq), Ungava [District], Labrador (Quebec), [Canada].

Remarks: Published as USNM 14838, a specimen in alcohol; the skull was removed and cataloged as USNM 24729 on 16 Nov 1899.

*Synaptomys (Mictomys) bullatus* Preble

Proc. Biol. Soc. Wash. 15: 181, 6 Aug 1902b.

= *Synaptomys borealis borealis* (Richardson, 1828). See A. B. Howell (1927a:22); subspecies recognized by Hall (1981:833) and West (1999:656).

Holotype: USNM 110632. Skin and skull. Adult male. Collected 17 Jul 1901 by E. A. Preble. Original number 4511.

Type Locality: Trout Rock, [FC: Northern Arm], near [SL and FC: 25 mi (40 km) south of] Fort Rae, Great Slave Lake, Mackenzie [District, Northwest Territories], Canada.

*Synaptomys cooperi* Baird

Mammals Rep. Explor. Surv. 8(1): 558, 1857.

= *Synaptomys cooperi cooperi* Baird, 1857. See A. B. Howell (1927a:12); subspecies recognized by Hall (1981:831) and Linzey (1999b:658).

Holotype: USNM 1367/3230. Skin and skull. Received from W. Cooper of Hoboken, [New Jersey]. [MC: Skin cataloged 26 Feb 1856; skull 8 Jun 1857].

Type Locality: No locality assigned in original description. Type locality fixed by Bole and Moulthrop (1942:146) at Jackson, Carroll County, New Hampshire.

Remarks: Type designated by skin number USNM 1367 by Baird (1857:556) to which skull number USNM 3230 belongs.

*Synaptomys cooperi jesseni* Long

Mammalia 51: 324, 20 Oct 1987.

Holotype: USNM 565670. Skin, skull, and skeleton. Adult female. Collected 28 Jul 1985 by C. A. Long and J. E. Long. Original number not given. University of Wisconsin–Stevens Point, Museum of Natural History number 6250.

Type Locality: [SL: Jessen's Place], Swenson Road, north side of Washington Island, Door County, Wisconsin.

Remarks: Published as University of Wisconsin–Stevens Point, Museum of Natural History number 6250; cataloged as USNM 565670 on 10 May 1989.

*Synaptomys cooperi kentucki* Barbour

J. Mammal. 37: 414, 11 Sep 1956.

Subspecies recognized by Hall (1981:831) and Linzey (1999b:658).

Holotype: USNM 301891. Skin and skull. Adult male. Collected 23 Feb 1953 by D. M. Linzey. Original number not given. University of Kentucky number 1964.

Type Locality: Sadieville, Scott County, Kentucky.

*Synaptomys (Mictomys) dalli* Merriam

Proc. Biol. Soc. Wash. 10: 62, 19 Mar 1896.

= *Synaptomys borealis dalli* Merriam, 1896. See A. B. Howell (1927a:24); subspecies recognized by Hall (1981:833) and West (1999:656).

Holotype: USNM 49373. Skull and skeleton. Adult male. Collected Feb 1867 by W. H. Dall. Original number not given.

Type Locality: Nulato, [A. B. Howell (1927a:24): Yukon River], Alaska.

Remarks: Published as USNM 10597, a specimen that was originally in alcohol. Sometime prior to Merriam's description, the specimen was made into a skull and skeleton and was recataloged as USNM 49373 on 28 Apr 1894. The skin was reported missing by Lyon and Osgood (1909:77) and was probably discarded.

#### *Synaptomys helaletes* Merriam

Proc. Biol. Soc. Wash. 10: 59, 19 Mar 1896.

= *Synaptomys cooperi helaletes* Merriam, 1896. See A. B. Howell (1927a:17); subspecies recognized by Hall (1981:831) and Rose (2011:60).

Holotype: USNM 75172. [Skin and skull]. Adult female. Collected 14 Oct 1895 by A. K. Fisher. Original number 1818.

Type Locality: [SL and FC: Lake Drummond], Dismal Swamp, [Chesapeake/Suffolk City], Virginia.

#### *Synaptomys helaletes gossii* Merriam

Proc. Biol. Soc. Wash. 10: 60, 19 Mar 1896.

= *Synaptomys cooperi gossii* Merriam, 1896. See Rhoads and Young (1897:307); subspecies recognized by Hall (1981:831) and Linzey (1999b:658).

Holotype: USNM 6915. Skull only. Old male. Collected 1866 [MC: cataloged 4 May 1866] by B. F. Goss. Original number [MC: 1].

Type Locality: Neosho Falls, [Woodson County], Kansas.

Remarks: The name *gossii* has been attributed to Coues by some authors, but Coues (1877:235) simply listed the name as *Arvicola (Synaptomys) gossii* in the synonymy of *Synaptomys cooperi* as a manuscript name of Baird and provided no description. Merriam (1896:60) considered Coues's usage a *nomen nudum*. See ICZN (1999: Articles 11.6 and 12.1).

#### *Synaptomys (Mictomys) sphagnicola* Preble

Proc. Biol. Soc. Wash. 13: 43, 29 May 1899b.

= *Synaptomys borealis sphagnicola* Preble, 1899. See A. B. Howell (1927a:30); subspecies recognized by Hall (1981:834) and West (1999:656).

Holotype: USNM 96543. [Skin and skull]. Adult male. Collected 29 Jun 1898 by E. A. Preble. Original number 2402.

Type Locality: [FC: Mouth of Dartmouth Brook], Fabyans, near base of Mount Washington, [Coos County], New Hampshire.

#### *Synaptomys (Mictomys) truei* Merriam

Proc. Biol. Soc. Wash. 10: 62, 19 Mar 1896.

= *Synaptomys borealis truei* Merriam, 1896. See Hall (1981:834); subspecies recognized by Hall (1981:834) and West (1999:656).

Holotype: USNM 3798/12101. Skin and skull. Young adult, sex not given. Collected 6 Aug 1859 by C. B. R. Kennerly. Original number [SL: 304].

Type Locality: Skagit Valley, [Skagit County], Washington. In the original description, Merriam (1896:62) added "probably in the mountains bordering Skagit Valley."

#### *Synaptomys (Mictomys) wrangeli* Merriam

Proc. Biol. Soc. Wash. 10: 63, 19 Mar 1896.

= *Synaptomys borealis truei* Merriam, 1896. See Hall (1981:834); subspecies recognized by Hall (1981:834) and West (1999:656).

Holotype: USNM 74720. [Skin and skull]. Adult male. Collected 6 Sep 1895 by C. P. Streater. Original number 4871.

Type Locality: Wrangell, [FC: Wrangell Island, Sea level], Alaska.

### Genus *Thomasomys* Coues, 1884

#### *Thomasomys daphne* Thomas

Smithson. Misc. Collect. 68(4): 2, 10 Apr 1917.

Holotype: USNM 194902. [Skin and skull]. Female. Collected [SL: 29 Jul] 1915 by E. Heller. Original number 521.

Type Locality: [SL and FC: Tocopqueu], Ocobamba Valley, altitude 9,100 ft (2,774 m), [CUSCO], Peru.

#### *Thomasomys gracilis* Thomas

Smithson. Misc. Collect. 68(4): 2, 10 Apr 1917.

Holotype: USNM 194816. [Skin and skull]. Male. Collected [SL: 8 Jun] 1915 by E. Heller. Original number 321.

Type Locality: [SL and FC: Runcaraccay Ruins], Matchu (Machu) Picchu, altitude 12,000 ft (3,658 m) [SL and FC: 14,000 ft (4,267 m)], [CUSCO], Peru.

#### *Thomasomys notatus* Thomas

Smithson. Misc. Collect. 68(4): 2, 10 Apr 1917.

Holotype: USNM 194548. [Skin and skull]. Male. Collected [SL: 5 May] 1915 by E. Heller. Original number 173.

Type Locality: Torontoy, altitude 9,500 ft (2,894 m), [CUSCO], Peru.

### Genus *Transandinomys* Weksler, Percequillo, and Voss, 2006

#### *Oryzomys bombycinus* Goldman

Smithson. Misc. Collect. 56(36): 6, 19 Feb 1912b.

= *Transandinomys bolivariv* (J. A. Allen, 1901). See Weksler et al. (2006:25).

Holotype: USNM 171105. [Skin and skull]. Adult male. Collected 26 Mar 1911 by E. A. Goldman. Original number [FC: Nelson and Goldman] 21009.

Type Locality: Cerro Azul, altitude 2,500 ft (762 m), near headwaters of the Chagres River, [Panama], Panama.

***Oryzomys medius* Robinson and Lyon**

Proc. U.S. Natl. Mus. 24: 142, 3 Oct 1901.

= *Transandinomys talamancae* (J. A. Allen, 1891). See Weksler et al. (2006:25).

Holotype: USNM 105405. Skin and skull. Young adult male. Collected 8 Aug 1900 by [SL: W. Robinson]. Original number [SL: 1655].

Type Locality: San Julian, 8 mi (13 km) east of La Guaira, [Vargas], Venezuela.

***Oryzomys talamancae* J. A. Allen**

Proc. U.S. Natl. Mus. 14: 193, 24 Jul 1891.

= *Transandinomys talamancae* (J. A. Allen, 1891). See Weksler et al. (2006:25).

Holotype: USNM 12222/22742. Skin and skull. Adult male. Collected, date unknown, by W. M. Gabb, [MC: cataloged 19 Nov 1874]. Original number [SL: 99].

Type Locality: Talamanca, [Limon, Costa Rica].

**Genus *Tylomys* Peters, 1866**

***Tylomys bullaris* Merriam**

Proc. Wash. Acad. Sci. 3: 561, 29 Nov 1901d.

Holotype: USNM 76058. [Skin and skull]. Immature male. Collected 7 Sep 1895 by E. W. Nelson and E. A. Goldman. Original number 8406.

Type Locality: Tuxtla, [FC: altitude 2,600 ft (798 m)], Chiapas, Mexico.

***Tylomys tumbalensis* Merriam**

Proc. Wash. Acad. Sci. 3: 560, 29 Nov 1901d.

Holotype: USNM 76059. [Skin and skull]. Young adult male. Collected 23 Oct 1895 by E. W. Nelson and E. A. Goldman. Original number 8568.

Type Locality: Tumbala, [FC: altitude 5,000 ft (1,524 m)], Chiapas, Mexico.

**Genus *Xenomys* Merriam, 1892**

***Xenomys nelsoni* Merriam**

Proc. Biol. Soc. Wash. 7: 161, 29 Sep 1892b.

Holotype: USNM 33281/45286. Skin and skull. Adult male. Collected 21 Mar 1892 by E. W. Nelson. Original number 2288.

Type Locality: Hacienda Magdalena, [FC: altitude about 1,500 ft (457 m)], Colima, Mexico.

**Genus *Zygodontomys* J. A. Allen, 1897**

***Zygodontomys cherriei ventriosus* Goldman**

Smithson. Misc. Collect. 56(36): 8, 19 Feb 1912b.

= *Zygodontomys brevicauda cherriei* (J. A. Allen, 1895). See Voss (1991:59).

Holotype: USNM 171098. [Skin and skull]. Adult male. Collected 12 Mar 1911 by E. A. Goldman. Original number [FC: Nelson and Goldman] 20975.

Type Locality: Tabernilla, Canal Zone (Colon), Panama.

**FAMILY MURIDAE ILLIGER, 1811**

**Genus *Acomys* Geoffroy, 1838**

***Acomys hystrella* Heller**

Smithson. Misc. Collect. 56(17): 13, 28 Feb 1911.

= *Acomys cineraceus* Hueglin, 1877. See Musser and Carleton (2005:1195).

Holotype: USNM 164821. [Skin and skull]. Adult female. Collected 4 Feb 1910 by J. A. Loring. Original number 8929.

Type Locality: Nimule, [Al-Istiwa'lyah, Southern Region], Uganda (South Sudan).

***Acomys ignites montanus* Heller**

Smithson. Misc. Collect. 63(7): 12, 24 Jun 1914.

= *Acomys kempi* Heller, 1914. See Musser and Carleton (2005:1197).

Holotype: USNM 182901. [Skin only]. Adult female. Collected 26 Feb 1911 by A. B. Percival. Original number 309.

Type Locality: North slope of Mount Marsabit, altitude 4,600 ft (1,402 m), [Eastern Province], British East Africa (Kenya).

**Genus *Aethomys* Thomas, 1915**

***Epimys kaiseri centralis* Heller**

Smithson. Misc. Collect. 63(7): 10, 24 Jun 1914.

= *Aethomys hindei* (Thomas, 1902). See Musser and Carleton (1993:568).

Holotype: USNM 165035. [Skin and skull]. Adult male. Collected 11 Jan 1910 by J. A. Loring. Original number 8633.

Type Locality: Rhino Camp, Lado Enclave, [Arua], Uganda.

***Epimys kaiseri turneri* Heller**

Smithson. Misc. Collect. 63(7): 8, 24 Jun 1914.

= *Aethomys kaiseri* (Noack, 1887). See Thomas (1926:177).

Holotype: USNM 183395. [Skin and skull]. Adult female. Collected [SL: 19 Jan 1912] by H. J. A. Turner. Original number [SL: E. Heller] 5121.

Type Locality: Kisumu, [Kisumu District, Nyanza], British East Africa (Kenya).

**Genus *Apodemus* Kaup, 1829**

***Apodemus agrarius chejuensis* Johnson and Jones**

Proc. Biol. Soc. Wash. 68: 171, 31 Dec 1955.

= *Apodemus agrarius* (Pallas, 1771).



Holotype: USNM 299204. Skin and skull. Adult male. Collected 7 Sep 1954 by G. W. Byers. Original number J. K. Jones Jr. 1641.

Type Locality: 10 mi (16 km) northeast of Mosulp'o, 420 m, Cheju Do, Quelpart Island, [Jeju], [SL: South] Korea.

***Apodemus agrarius pallescens* Johnson and Jones**

Proc. Biol. Soc. Wash. 68: 169, 31 Dec 1955.

= *Apodemus agrarius* (Pallas, 1771).

Holotype: USNM 299161. Skin and skull. Adult female. Collected 26 Sep 1954 by J. K. Jones Jr. Original number 1713.

Type Locality: 8 mi (13 km) southwest of Kunsan, 10 m, [SL: South] Korea.

***Apodemus microtis* Miller**

Proc. Biol. Soc. Wash. 25: 60, 13 Apr 1912c.

= *Apodemus uralensis* (Pallas, 1811). See Musser and Carleton (1993:574).

Holotype: USNM 155471. Skin and skull. Young adult male. Collected 11 Nov 1909 by W. Ruckbeil. Original number 12.

Type Locality: Vicinity of Dzharkent (Zharkent), [Almaty], Russian Turkestan (Kazakhstan).

***Apodemus nigritalus* Hollister**

Smithson. Misc. Collect. 60(24): 1, 13 Mar 1913c.

= *Apodemus peninsulæ* (Thomas, 1907). See Jones (1956:346).

Holotype: USNM 175164. Skin and skull. Adult male. Collected 6 Aug 1912 by N. Hollister. Original number 4438.

Type Locality: Tepucha [SL: Dapucha], 125 mi (201 km) southeast of Biisk and 50 mi (80 km) northwest of Ongudai, Altai Mountains, [Altayskiy], Siberia (Russia).

***Apodemus peninsulæ sowerbyi* Jones**

Univ. Kans. Publ., Mus. Nat. Hist. 9: 343, 15 Aug 1956.

= *Apodemus peninsulæ* (Thomas, 1907).

Holotype: USNM 175523. Skin and skull. Adult female. Collected 23 May 1912 by A. de C. Sowerby. Original number 456.

Type Locality: [SL: Mountains] 30 mi (48km) west of Kuei-hua-cheng, 7,000 ft (2,134 m), Northern Shansi (Nei Monggol), [SL: Northern] China.

***Apodemus praetor* Miller**

Proc. Biol. Soc. Wash. 27: 89, 11 May 1914.

= *Apodemus peninsulæ* (Thomas, 1907). See Jones (1956:346).

Holotype: USNM 197792. Skin and skull. Adult male. Collected 6 Jul 1913 by A. de C. Sowerby. Original number 625.

Type Locality: Sungaree River, 60 mi (97 km) southwest of Kirin (Jilin), [SL: 500 ft (152 m)], Kirin (Jilin) Province, Manchuria (China).

***Mus arianus griseus* True**

Proc. U.S. Natl. Mus. 17: 8, 8 May 1894b. Junior primary homonym of *Mus sylvaticus* var. *griseus* Palumbo, 1868. Renamed *Apodemus flavicollis rusiges* by Miller (1913c:81).

= *Apodemus rusiges* Miller, 1913. See Musser and Carleton (1993:573).

Syntypes: USNM 20139/35502. Skin and skull. [Lyon and Osgood (1909:149): Adult] female. Central Kashmir, altitude 8,500 ft (2,591 m), [Jammu and Kashmir], Kashmir (India). Collected 8 Oct 1891 by W. L. Abbott. No original number.

USNM 20144/35507. Skin and skull. [Lyon and Osgood (1909:149): Young adult] male. Pir Panjal Pass, 8,500 ft (2,591 m), [Jammu and Kashmir], Kashmir (India). Collected 31 Aug 1891 by W. L. Abbott. No original number.

USNM 20151/35514. Skin and skull. Immature male. Mountains of central Kashmir, altitude 10,000 ft (3,048 m). [Jammu and Kashmir], Kashmir (India). Collected 13 Sep 1891 by W. L. Abbott. No original number.

Type Locality: The three localities listed above comprise the type locality (ICZN, 1999: Article 73.2.3).

Remarks: Holotype not designated in original description, which was based on these three specimens that True (1894:8) listed by number.

**Genus *Apomys* Mearns, 1905**

***Apomys bardus* Miller**

Proc. U.S. Natl. Mus. 38: 402, 19 Aug 1910b.

= *Apomys insignis* Mearns, 1905. See Musser (1982:19).

Holotype: USNM 144582. Skin and skull. Adult male. Collected 28 May 1906 by E. A. Mearns. Original number 6166.

Type Locality: Summit of Mount Bliss, altitude 5,750 ft (1,753 m), Mindanao, [Philippines].

***Apomys hylocoetes* Mearns**

Proc. U.S. Natl. Mus. 28: 456, 13 May 1905.

= *Apomys hylocoetes* Mearns, 1905. See Poole and Schantz (1942:441).

Holotype: USNM 125426. Skin and skull. Adult female. Collected 2 Jul 1904 by E. A. Mearns. Original number 5696.

Type Locality: Mount Apo, altitude 6,000 ft (1,829 m), southern Mindanao, Philippine Islands (Philippines).

Remarks: Mearns (1905:456) spelled his new name with a ligature, *Apomys hylocoetes*, which constitutes an incorrect original spelling that must be amended (ICZN, 1999: Article 32.5), as Poole and Schantz (1942:441) did in reporting *Apomys hylocoetes*. *Apomys hylocoetes* as used in Musser (1982:3 and throughout) and Musser and Carleton (2005:1282) is an incorrect subsequent spelling (ICZN, 1999: Article 33.3).

***Apomys insignis* Mearns**

Proc. U.S. Natl. Mus. 28: 459, 13 May 1905.

Holotype: USNM 125230. Skin and skull. Adult female. Collected 8 Jul 1904 by E. A. Mearns. Original number 5711.

Type Locality: Mount Apo, altitude 6,000 ft (1,829 m), southern Mindanao, Philippine Islands (Philippines).

*Apomys major* Miller

Proc. U.S. Natl. Mus. 38: 402, 19 Aug 1910b.  
 = *Apomys datae* (Meyer, 1899). See Musser (1982:9).  
 Holotype: USNM 151513. Skin and skull. Adult female. Collected 2 Aug 1907 by E. A. Mearns. Original number 6531.  
 Type Locality: Hights-in-the-Oaks, altitude 7,000 ft (2,134 m), Benguet [SL: Province], Luzon, [SL: Philippine Islands] (Philippines).

*Apomys microdon* Hollister

Proc. U.S. Natl. Mus. 46: 327, 31 Dec 1913d.  
 Holotype: USNM 155145. Skin and skull. Adult male. Collected 8 May 1909 by D. B. Mackie. Original number 6.  
 Type Locality: Biga, Catanduanes Island, [Catanduanes Province], [SL: Philippine Islands] (Philippines).

*Apomys musculus* Miller

Proc. U.S. Natl. Mus. 38: 403, 19 Aug 1910b.  
 Holotype: USNM 145770. Skin and skull. Adult female. Collected 6 May 1907 by E. A. Mearns. Original number 6409.  
 Type Locality: Camp John Hay, Baguio, altitude 5,000 ft (1,524 m), Benguet [FC: Province], Luzon, [SL: Philippine Islands] (Philippines).

*Apomys petraeus* Mearns

Proc. U.S. Natl. Mus. 28: 458, 13 May 1905.  
 = *Apomys hylocoetes* Mearns, 1905. See Musser (1982:20).  
 Holotype: USNM 125245. Skin and skull. Adult female. Collected 30 Jun 1904 by E. A. Mearns. Original number 5690.  
 Type Locality: Mount Apo, altitude 7,600 ft (2,316 m), southern Mindanao, Philippine Islands (Philippines).

*Apomys sacobianus* Johnson

Proc. Biol. Soc. Wash. 75: 318, 31 Dec 1962.  
 Holotype: USNM 304352. Skin and skull. Adult male. Collected 16 Aug 1956 by D. H. Johnson. Original number 8555.  
 Type Locality: [SL and FC: Water point on] Sacobia River, Clark Air Base, Pampanga Province, Luzon, Philippine Islands (Philippines).

**Genus *Arvicanthis* Lesson, 1842***Arvicanthis abyssinicus centrosus* Hollister

Smithson. Misc. Collect. 66(10): 1, 26 Oct 1916.  
 = *Arvicanthis niloticus* (E. Geoffroy, 1803). See Misonne (1974:18).  
 Holotype: USNM 165167. Skin and skull. Adult male. Collected 21 Jan 1910 by J. A. Loring. Original number 8817.  
 Type Locality: Rhino Camp, Lado [Enclave, Arua, Uganda].

*Arvicanthis abyssinicus virescens* Heller

Smithson. Misc. Collect. 63(7): 11, 24 Jun 1914.  
 = *Arvicanthis nairobae* J. A. Allen, 1909. See Musser and Carleton (1993:577).

Holotype: USNM 183922. [Skin and skull]. Adult male. Collected 15 Nov 1911 by E. Heller. Original number 4775.  
 Type Locality: Voi, [SL: Sagalla, base], [Coast Province], British East Africa (Kenya).

*Arvicanthis jebelae* Heller

Smithson. Misc. Collect. 56(17): 9, 28 Feb 1911.  
 = *Arvicanthis niloticus* (E. Geoffroy, 1803). See Misonne (1974:18).  
 Holotype: USNM 164826. [Skin and skull. Male]. Collected 16 Jan 1910 by J. A. Loring. Original number 8762.  
 Type Locality: Rhino Camp, Lado Enclave, [Arua, Uganda].

**Genus *Bandicota* Gray, 1873***Bandicota siamensis* Kloss

J. Nat. Hist. Soc. Siam 3: 382, 31 Dec 1919.  
 = *Bandicota indica* (Bechstein, 1800). See Ellerman (1949:94).  
 Holotype: USNM 221559. Skin and skull. Adult male. Collected 23 Oct [SL: 1916, not 1216 as in original description] by C. B. Kloss. Original number 2218.  
 Type Locality: [SL: Pak Bu], Tachin (Samut Sakhon), [Samut Sakhon], Central Siam (Thailand).  
 Remarks: Kloss used his field number 2218 in the original description; cataloged as USNM 221559 on 2 Jul 1920.

**Genus *Batomys* Thomas, 1895***Batomys dentatus* Miller

Proc. U.S. Natl. Mus. 38: 400, 19 Aug 1910b.  
 Holotype: USNM 151506. Skin and skull. Adult male. Collected 31 Jul 1907 by E. A. Mearns. Original number 6484.  
 Type Locality: Hights-in-the-Oaks, altitude 7,000 ft (2,134 m), Benguet [SL: Province], Luzon, [SL: Philippine Islands] (Philippines).

**Genus *Berylmys* Ellerman, 1947***Mus ferrocaneus* Miller

Proc. Biol. Soc. Wash. 13: 140, 21 Apr 1900c.  
 = *Berylmys bowersi* (Anderson, 1897). See Musser and Newcomb (1983:357).  
 Holotype: USNM 86737. Skin and skull. Adult female. Collected 15 Jan 1899 by [SL: W. L. Abbott]. No original number.  
 Type Locality: [SL: Khaw Nok Ram (Khao Nok Ra)], altitude 3,000 ft (914 m), Trong (Trang), Siam (Thailand).

**Genus *Brachiones* Thomas, 1925***Gerbillus arenicolor* Miller

Proc. Biol. Soc. Wash. 13: 163, 31 Oct 1900d.  
 = *Brachiones przewalskii* (Buchner, 1899). See Corbet (1978:128).  
 Holotype: USNM 62153, not 62143 as in original description. Skin and skull. Adult male. Collected 9 Feb 1894 by W. L. Abbott. No original number.

Type Locality: In jungle on Yarkand River, east of Maralbashi, [Xinjiang], Eastern Turkestan (China).

### Genus *Bullimus* Mearns, 1905

#### *Bullimus bagobus* Mearns

Proc. U.S. Natl. Mus. 28: 450, 13 May 1905.

Holotype: USNM 125248. Skin and skull. Adult female. Collected 13 Jul 1904 by E. A. Mearns. Original number 5719.

Type Locality: Todaya, a Bagobo village at 4,000 ft (1,219 m), Mount Apo, southern Mindanao, [Davao del Sur Province], Philippine Islands (Philippines).

#### *Rattus bagobus barkeri* Johnson

J. Wash. Acad. Sci. 36: 318, 17 Sep 1946.

= *Bullimus bagobus* Mearns, 1905. See Musser and Heaney (1992:115).

Holotype: USNM 278141. Skin and skull. Young adult male. Collected 7 Mar 1945 by J. E. Barker. Prepared by D. H. Johnson. Original number [SL: DHJ] 276.

Type Locality: Village of Mercedes, 5 mi (8 km) west of Guiuan, altitude about 200 ft (61 m), southeastern Samar Island, [Eastern Samar Province], Philippine Islands (Philippines).

### Genus *Bunomys* Thomas, 1910

#### *Mus andrewsi* J. A. Allen

Bull. Am. Mus. Nat. Hist. 30: 336, 21 Dec 1911.

= *Bunomys andrewsi* (J. A. Allen, 1911). See Musser (1981a:117).

Holotype: USNM 175899. [Skin and skull]. Adult male. Collected 13 Dec 1909 by R. C. Andrews. Original number [SL: 25].

Type Locality: [SL: Labuan Balanda], Buton Island (Pulau Buton), [Sulawesi Tenggara], Celebes (Sulawesi), [Indonesia].

#### *Rattus adspersus* Miller and Hollister

Proc. Biol. Soc. Wash. 34: 71, 31 Mar 1921a.

= *Bunomys andrewsi* (J. A. Allen, 1911). See Musser (1981a:117).

Holotype: USNM 219602. Skin and skull. Adult male. Collected 22 Jan 1918 by H. C. Raven. Original number 3427.

Type Locality: Pinedapa, [Sulawesi Tengah], Middle Celebes (Sulawesi), [Indonesia].

#### *Rattus nigellus* Miller and Hollister

Proc. Biol. Soc. Wash. 34: 72, 31 Mar 1921a.

= *Bunomys chrysocomus* (Hoffmann, 1887). See Musser (1981a:115).

Holotype: USNM 218140. Skin and skull. Adult male. Collected 8 Nov 1916 by H. C. Raven. Original number 2936.

Type Locality: Bumboedjaba, near Toboli, [Sulawesi Tengah], Middle Celebes (Sulawesi), [Indonesia].

#### *Rattus penitus* Miller and Hollister

Proc. Biol. Soc. Wash. 34: 72, 31 Mar 1921a.

= *Bunomys penitus* (Miller and Hollister, 1921). See Musser (1981a:117).

Holotype: USNM 218686. Skin and skull. Adult male. Collected 21 Jan 1917 by H. C. Raven. Original number 3109.

Type Locality: Goenoeng Lechio, southwest of Lake Lindoe (Rano Lindu), altitude 6,000 ft (1,829 m), [Sulawesi Tengah], Middle Celebes (Sulawesi), [Indonesia].

#### *Rattus rallus* Miller and Hollister

Proc. Biol. Soc. Wash. 34: 73, 31 Mar 1921a.

= *Bunomys chrysocomus* (Hoffmann, 1887). See Musser (1981a:117).

Holotype: USNM 219595. Skin and skull. Adult female. Collected 7 Sep 1917 by H. C. Raven. Original number 3233.

Type Locality: Gimpo (Gimpu), [Sulawesi Tengah], Middle Celebes (Sulawesi), [Indonesia].

#### *Rattus sericatus* Miller and Hollister

Proc. Biol. Soc. Wash. 34: 73, 31 Mar 1921a.

= *Bunomys penitus* (Miller and Hollister, 1921). See Musser (1981a:117).

Holotype: USNM 219627. Skin and skull. Adult male. Collected 19 Dec 1917 by H. C. Raven. Original number 3340.

Type Locality: Rano Rano, east of Lake Lindoe (Rano Lindu) and north of Lake Poso (Danau Poso), altitude 6,000 ft (1,829 m), [Sulawesi Tengah], Middle Celebes (Sulawesi), [Indonesia].

### Genus *Chiropodomys* Peters, 1869

#### *Chiropodomys muroides* Medway

J. Malay. Branch R. Asiat. Soc. 36: 133, Dec 1965.

Holotype: USNM 301101. Skin and skull. Adult female. Collected 10 Aug 1953 by D. H. Johnson, [SL: says R. Traub. Original number B-20622].

Type Locality: [SL: Tenompok], Bunda Tuhan, Kinabalu. [SL: North Borneo (Sabah)], [Borneo, Malaysia].

#### *Chiropodomys niadis* Miller

Smithson. Misc. Collect. 45: 40, 6 Nov 1903b.

= *Chiropodomys gliroides* (Blyth, 1856). See Musser (1979:408). Holotype: USNM 121867. Skin and skull. Adult female. Collected 30 Mar 1903 by W. L. Abbott. Original number 2413.

Type Locality: Lafau, Nias Island (Pulau Nias), [Sumatera Utara], Sumatra, [Indonesia].

### Genus *Chrotomys* Thomas, 1895

#### *Chrotomys gonzalesi* Rickart and Heaney

Proc. Biol. Soc. Wash. 104: 389, 18 Jun 1991.

Holotype: USNM 458952. Skull with carcass [including skin] in fluid. Adult male. Collected 28 Apr 1988 by L. R. Heaney. Original number 4176.

Type Locality: Western slope of Mount Isarog, 4 km N, 21 km E Naga, elevation 1,350 m, Camarines Sur Province, Luzon Island, Philippines, 13°40'N, 123°22'E.

*Chrotomys whiteheadi mindorensis* Kellogg

Proc. Biol. Soc. Wash. 58: 123, 20 Sep 1945a.

= *Chrotomys mindorensis* Kellogg, 1945. See Musser et al. (1982:514).

Holotype: USNM 277639. Skin and skull. Adult male. Collected 7 May 1945 by R. M. Roecker. Original number 54.

Type Locality: 3 mi (5 km) south-southeast of San Jose (Central), altitude 200 ft (61 m), Mindoro Island, Philippine Islands (Philippines).

### Genus *Crateromys* Thomas, 1895

*Crateromys paulus* Musser and Gordon

J. Mammal. 62: 515, 20 Aug 1981.

Holotype: USNM 522023. Skin and skull. Adult male. Collected 4 Apr 1953 by P. Soriano and presented by E. Gelena. No original number.

Type Locality: Ilin Island, Mindoro Occidental Province, [Mindoro], Philippines.

### Genus *Dasymys* Peters, 1875

*Dasymys helukus* Heller

Smithson. Misc. Collect. 54(4): 2, 28 Feb 1910b.

= *Dasymys incomtus* (Sundevall, 1847). See Hayman and Holt (1941:122).

Holotype: USNM 162889. [Skin and skull]. Adult male. Collected 19 Nov 1909 by E. Heller. Original number 1239.

Type Locality: Sirgoit [FC: Lake], Guas Ngishu plateau, British East Africa (Kenya).

*Dasymys helukus nigridius* Hollister

Smithson. Misc. Collect. 66(10): 2, 26 Oct 1916.

= *Dasymys incomtus* (Sundevall, 1847). See Hayman and Holt (1941:122).

Holotype: USNM 162465. Skin and skull. Adult female. Collected 20 Aug 1909 by J. A. Loring. Original number 7054.

Type Locality: Naivasha Station, [Rift Valley], British East Africa (Kenya).

Remarks: For some unknown reason, this taxon was published as J. A. Loring number 7054 even though it was cataloged as USNM 162465 on 30 Dec 1909.

*Dasymys orthos* Heller

Smithson. Misc. Collect. 56(17): 13, 28 Feb 1911.

= *Dasymys incomtus* (Sundevall, 1847). See Misonne (1974:19).

Holotype: USNM 164824. [Skin and skull]. Adult male. Collected [SL and FC: 6], not 1 as in original description, Jan 1910 by J. A. Loring. Original number 8601.

Type Locality: Butiaba, Albert Nyanza (Lake Albert), [Bulisa], Uganda.

*Dasymys rufulus* Miller

Proc. Wash. Acad. Sci. 2: 639, 28 Dec 1900e.

Holotype: USNM 83844. Skin and skull. Adult male. Collected 30 Mar 1897 by [SL: R. P. Currie. Original number 19].

Type Locality: Mount Coffee, [Montserrado], Liberia, Africa.

*Dasymys savannus* Heller

Smithson. Misc. Collect. 56(17): 14, 28 Feb 1911.

= *Dasymys incomtus* (Sundevall, 1847). See Hayman and Holt (1941:122).

Holotype: USNM 164471. Skin and skull. Adult female. Collected 28 Oct 1909 by J. A. Loring. Original number 8182.

Type Locality: Fort Hall, [Central Province], British East Africa (Kenya).

### Genus *Dephomys* Thomas, 1926

*Mus defua* Miller

Proc. Wash. Acad. Sci. 2: 635, 28 Dec 1900e.

= *Dephomys defua* (Miller, 1900). See Thomas (1926:177).

Holotype: USNM 83837. Skin and skull. Adult male. Collected [SL and FC: 3], not 13 as in original description, May 1897 by [SL: R. P. Currie]. Original number 53.

Type Locality: Mount Coffee, [Lyon and Osgood (1909:147); altitude about 400 or 500 ft (122–152 m)], [Montserrado], Liberia, Africa.

### Genus *Dipodillus* Lataste, 1881

See Abiadh et al. (2010) and Ndiaye et al. (2012), who make a strong case for *Dipodillus* being recognized as a subgenus of *Gerbillus*.

*Dipodillus maghrebi* Schlitter and Setzer

Proc. Biol. Soc. Wash. 84: 387, 29 Feb 1972.

Holotype: USNM 472714. Skin and skull. Adult male. Collected 8 May 1970 by R. E. Vaden. Original number 6019.

Type Locality: 15 km WSW Taounate, 34°29'N, [SL and FC: 4°], not 40° as in original description, 48°W, Fes Province, Morocco.

*Dipodillus zakariai* Cockrum, Vaughan, and Vaughan

Mammalia 40: 320, 30 Oct 1976.

Holotype: USNM 498997. Skin and skull. Adult male. Collected 21 [SL: May], not Mai as in original description, 1975 by T. and P. Vaughan. Original number 3270.

Type Locality: 0.5 mi (0.8 km) E Kellabine, Kerkennah Islands, approximately 42 km airline E Sfax, [Safaqis Province], Tunisia.

*Gerbillus campestris brunnescens* Ranck

Bull. U.S. Natl. Mus. 275: 133, 2 Oct 1968.

= *Dipodillus campestris* (Loche, 1867). See Pavlinov et al. (1990: 182).

Holotype: USNM 302180. Skin and skull. Adult male. Collected 9 Nov 1955 by H. W. Setzer. Original number 2724.

Type Locality: 5 km SE Derna (Darnah), [Ranck (1968:67): 32°44'N, 22°40'E], Cyrenaica. Libya.

### Genus *Echiothrix* Gray, 1867

#### *Echiothrix brevicula* Miller and Hollister

Proc. Biol. Soc. Wash. 34: 67, 31 Mar 1921a.

= *Echiothrix centrosa* Miller and Hollister, 1921. See Musser and Carleton (2005:1321).

Holotype: USNM 219744. Skin and skull. Adult male. Collected 29 Jan 1919 by H. C. Raven. Original number 3467.

Type Locality: Pinedapa, about 5 mi (8 km) inland from Gulf of Tomini, near Mapane, [Sulawesi Tengah], Middle Celebes (Sulawesi), [Indonesia].

#### *Echiothrix centrosa* Miller and Hollister

Proc. Biol. Soc. Wash. 34: 67, 31 Mar 1921a.

Holotype: USNM 218706. Skin and skull. Adult male. Collected 9 Jan 1917 by H. C. Raven. Original number 3077.

Type Locality: Winatoe, between Koelawi and Gimpoe (Gimpu), [Sulawesi Tengah], Middle Celebes (Sulawesi), [Indonesia].

### Genus *Eropeplus* Miller and Hollister, 1921

#### *Eropeplus canus* Miller and Hollister

Proc. Biol. Soc. Wash. 34: 95, 30 Jun 1921b.

Holotype: USNM 218707. Skin and skull. Female. Collected 12 Jan 1917 by H. C. Raven. Original number 3079.

Type Locality: Goenoeng Lechio, altitude 6,000 ft (1,829 m), southwest from Lake Lindoe (Rano Lindu), [Sulawesi Tengah], Middle Celebes (Sulawesi). [Indonesia].

### Genus *Gerbilliscus* Thomas, 1897

#### *Gerbillus (Gerbillurus) setzeri* Schlitter

Bull. South. Calif. Acad. Sci. 72: 13, 7 Jun 1973.

= *Gerbilliscus setzeri* (Schlitter, 1973). See Granjon et al. (2012:15).

Holotype: USNM 342253. Skin and skull. Young adult female. Collected 22 Nov 1963 by A. C. Riser. Original number 359.

Type Locality: Gobabeb, [Schmidt et al. (2008:34): 23°33'S, 15°02'E], 1 mi (1.6 km) E Namib Desert Research Station, [FC: along Kuiseb River, 68 km ESE of Walvis Bay], [Erongo], South West Africa (Namibia).

#### *Tatera nigricauda percivali* Heller

Smithson. Misc. Collect. 63(7): 8, 24 Jun 1914.

= *Gerbilliscus nigricaudus* (Peters, 1878). See Musser and Carleton (2005:1220).

Holotype: USNM 183945. [Skin and skull]. Adult female. Collected [SL: 9 Sep 1911] by A. B. Percival. Original number 792.

Type Locality: Lorian Swamp, altitude 700 ft (213 m) [FC: 750 ft (229 m)], [North Eastern Province], British East Africa (Kenya).

#### *Tatera pothae* Heller

Smithson. Misc. Collect. 56(9): 2, 22 Jul 1910a.

= *Gerbilliscus robustus* (Cretzchmar, 1826). See Musser and Carleton (2005:1221).

Holotype: USNM 161716. Skin and skull. Adult female. Collected 30 Apr 1909 by J. A. Loring. Original number 6013.

Type Locality: Potha, Kapiti Plains, [Eastern Province], British East Africa (Kenya).

#### *Tatera pringlei* Hubbard

Zool. Afr. 5: 237, 1970.

= *Gerbilliscus inclusus* (Thomas and Wroughton, 1908). See Musser and Carleton (2005:1219).

Holotype: USNM 381474. Skin and skull. Adult male. Collected 17 Jul 1965 by [SL: C. A. Hubbard]. Original number T2710.

Type Locality: Ubweri Village, Muheza, in northeast Tanzania.

Remarks: Published as T2710; cataloged as USNM 381474 on 30 Jan 1967.

#### *Tatera varia* Heller

Smithson. Misc. Collect. 56(9): 1, 22 Jul 1910a.

= *Gerbilliscus boehmi* (Noack, 1887). See Musser and Carleton (2005:1218).

Holotype: USNM 162249. [Skin and skull]. Adult male. Collected 15 Jun 1909 by J. A. Loring. Original number 6338.

Type Locality: Loletai Plains, Southern Guaso Nyiro River, Sotik District, [Rift Valley], British East Africa (Kenya).

### Genus *Gerbillus* Desmarest, 1804

#### *Gerbillus andersoni blanci* Cockrum, Vaughan, and Vaughan

Mammalia 40: 470, 20 Mar 1977.

= *Gerbillus andersoni* de Winton, 1902.

Holotype: USNM 498998. Skin and skull. Adult male. Collected [SL: 4 Apr], not 8 Apr as in original description, 1975 by T. and P. Vaughan. Original number 3171.

Type Locality: 2 km NE Bordj Cedria, 23 km SE Tunis, about 36°42'N, 10°25'E, [Tunis], [SL: Tunisia].

#### *Gerbillus aureus nalutensis* Ranck

Bull. U.S. Natl. Mus. 275: 90, 2 Oct 1968.

= *Gerbillus latastei* Thomas and Trouessart, 1903. See Cockrum (1977:78).

Holotype: USNM 321816. Skin and skull. Adult male. Collected 12 Nov 1961 by H. W. Setzer. Original number 3113.

Type Locality: 40 km ENE Nalut, [Ranck (1968:68): 32°01'N, 11°22'E], Tripolitania Province, Libya.

#### *Gerbillus cheesmani aquilus* Schlitter and Setzer

Proc. Biol. Soc. Wash. 86: 167, 31 May 1973.

= *Gerbillus aquilus* Schlitter and Setzer, 1973. See Lay and Nadler (1975:437).

Holotype: USNM 354623. Skin and skull. Adult male. Collected 8 Dec 1964 by R. G. Tuck Jr. Original number 1222.

Type Locality: 60 km W Kerman, Kerman Province, Iran.

***Gerbillus cheesmani subsolanus* Schlitter and Setzer**

Proc. Biol. Soc. Wash. 86: 168, 31 May 1973.

= *Gerbillus aquilus* Schlitter and Setzer, 1973. See Lay and Nadler (1975:437).

Holotype: USNM 369335. Skin and skull. Adult female. Collected 3 Feb 1965 by R. G. Tuck Jr. Original number 1283.

Type Locality: 56 km E Nok Kundi, Kalat Division, [Balochistan], Pakistan.

***Gerbillus eatoni inflatus* Ranck**

Bull. U.S. Natl. Mus. 275: 97, 2 Oct 1968.

= *Gerbillus andersoni* de Winton, 1902. See Cockrum et al. (1976:469).

Holotype: USNM 325527. Skin and skull. Adult male. Collected 1 Jun 1962 by G. L. Ranck. Original number 2203.

Type Locality: 10 km SW Fort Capuzzo (Musa'id), [Ranck (1968:67): 31°31'N, 24°59'E], Cyrenaica Province, Libya.

***Gerbillus eatoni versicolor* Ranck**

Bull. U.S. Natl. Mus. 275: 98, 2 Oct 1968.

= *Gerbillus andersoni* de Winton, 1902. See Cockrum et al. (1976:469).

Holotype: USNM 325298. Skin and skull. Adult male. Collected 15 Jun 1962 by G. L. Ranck and J. H. Shaw. Original number [FC: GLR] 2341.

Type Locality: 2 km N Coefia (Al Kuwayfiah), [Ranck (1968:67): 32°14'N, 20°11'E], Cyrenaica Province, Libya.

***Gerbillus gerbillus aeruginosus* Ranck**

Bull. U.S. Natl. Mus. 275: 103, 2 Oct 1968.

= *Gerbillus gerbillus* (Oliver, 1801).

Holotype: USNM 325146. Skin and skull. Adult male. Collected 3 Apr 1962 by G. L. Ranck. Original number 1920.

Type Locality: El Giof (Al Jawf), Cufra (Al Kufrah) Oasis, [Ranck (1968:67): 24°11'N, 23°19'E], Cyrenaica Province, Libya.

***Gerbillus gerbillus discolor* Ranck**

Bull. U.S. Natl. Mus. 275: 106, 2 Oct 1968.

= *Gerbillus gerbillus* (Oliver, 1801).

Holotype: USNM 322461. Skin and skull. Adult male. Collected 18 Dec 1961 by G. L. Ranck. Original number 1116.

Type Locality: Ghat, [Schmidt et al. (2008:34): 24°58'N, 10°11'E], Fezzan (Ghat) Province, Libya.

***Gerbillus gerbillus psammophilous* Ranck**

Bull. U.S. Natl. Mus. 275: 112, 2 Oct 1968.

= *Gerbillus gerbillus* (Oliver, 1801).

Holotype: USNM 325078. Skin and skull. Adult male. Collected 16 Mar 1962 by G. L. Ranck. Original number 1790.

Type Locality: Gialo (Jalu) Oasis, [Ranck (1968:67): 29°15'N, 21°14'E], Cyrenaica Province, Libya.

***Gerbillus pyramidum aureus* Setzer**

Proc. Biol. Soc. Wash. 69: 179, 31 Dec 1956a.

= *Gerbillus latastei* Thomas and Trouessart, 1903. See Cockrum (1977:78).

Holotype: USNM 302078. Skin and skull. Adult male. Collected 22 Oct 1955 by H. W. Setzer. Original number 2624.

Type Locality: 12 km W Zliten, [Ranck (1968:68): 32°29'N, 14°26'E], Tripolitania Province, Libya.

***Gerbillus pyramidum favillus* Setzer**

Proc. Biol. Soc. Wash. 69: 180, 31 Dec 1956a.

= *Gerbillus latastei* Thomas and Trouessart, 1903. See Cockrum (1977:78).

Holotype: USNM 302088. Skin and skull. Adult male. Collected 24 Oct 1955 by H. W. Setzer. Original number 2637.

Type Locality: 2 km E Sirte (Surt), [Ranck (1968:68): 31°12'N, 16°38'E], Tripolitania Province, Libya.

***Gerbillus pyramidum hamadensis* Ranck**

Bull. U.S. Natl. Mus. 275: 118, 2 Oct 1968.

= *Gerbillus tarabuli* Thomas, 1902. See Lay (1983:348).

Holotype: USNM 321827. Skin and skull. Adult male. Collected 14 Nov 1961 by G. L. Ranck. Original number 886.

Type Locality: 5 km E Derg (Dirj), [Ranck (1968:68): 30°12'N, 10°29'E], Tripolitania Province, Libya.

***Gerbillus pyramidum tibesti* Setzer and Ranck**

Proc. Biol. Soc. Wash. 84: 55, 30 Jun 1971.

= *Gerbillus tarabuli* Thomas, 1902. See Granjon et al. (1999:305).

Holotype: USNM 319721. Skin and skull. Adult male. Collected 10 Apr 1961 by H. W. Setzer. Original number 3024.

Type Locality: Zouar, [Schmidt et al. (2008:34): 20°27'N, 16°32'E], Tibesti Mountains, [Tibesti], Republic of Chad.

## Genus *Grammomys* Thomas, 1915

***Thammomys dolichurus littoralis* Heller**

Smithson. Misc. Collect. 59(16): 10, 5 Jul 1912.

= *Grammomys dolichurus* (Smuts, 1832). See Hutterer and Dieterlen (1984:8).

Holotype: USNM 181799. [Skin and skull]. Adult male. Collected 22 Dec 1911 by E. Heller. Original number 4949.

Type Locality: Mazeras, [Coast Province], British East Africa (Kenya).

## Genus *Hybomys* Thomas, 1910

***Arvicanthis planifrons* Miller**

Proc. Wash. Acad. Sci. 2: 641, 28 Dec 1900e.

= *Hybomys planifrons* (Miller, 1900). See Carleton and Robbins (1985:956).

Holotype: USNM 83814. Skin and skull. Adult male. Collected 26 Apr 1897 by [SL: R. P. Currie. Original number 46].

Type Locality: Mount Coffee. [Miller (1900e:631): altitude 400 to 500 ft (122 to 142 m)], [Montserrado], Liberia, Africa.

### Genus *Hylomyscus* Thomas, 1926

#### *Epimys alleni kaimosae* Heller

Smithson. Misc. Collect. 59(16): 7, 5 Jul 1912.

= *Hylomyscus kaimosae* (Heller, 1912). See Fadda et al. (2001: 585), who listed *H. kaimosae* as valid without explanation; specific status corroborated by Nicolas et al. (2006:789).

Holotype: USNM 181794. [Skin and skull]. Adult female. Collected 1 Feb 1912 by E. Heller. Original number 5527.

Type Locality: Kaimosi, Kakumega (Kakamega) forest, [Rift Valley/Western Province], British East Africa (Kenya).

#### *Epimys endorobae* Heller

Smithson. Misc. Collect. 56(9): 3, 22 Jul 1910a.

= *Hylomyscus endorobae* (Heller, 1910). See Carleton et al. (2006:311).

Holotype: USNM 162888. [Skin and skull]. Adult male. Collected 27 Nov 1909 by E. Heller. Original number 1261.

Type Locality: Western edge of the Mau Forest, 25 mi (40 km) [SL and FC: 30 mi (48 km)] north of Edoma (Eldama) Ravine, [SL and FC: Guasa Ngishu Plateau], altitude 8,600 ft (2,621 m), [Rift Valley, Kenya].

### Genus *Lemniscomys* Trouessart, 1881

#### *Arvicanthis pulchellus micropus* Heller

Smithson. Misc. Collect. 56(17): 9, 28 Feb 1911.

= *Lemniscomys striatus massaicus* (Pagenstecher, 1885). See Hollister (1919:139); subspecies recognized by Castiglia and Ouge (2008:57).

Holotype: USNM 164825. [Skin and skull]. Adult female. Collected 24 Jan 1910 by J. A. Loring. Original number 8861.

Type Locality: Rhino Camp, Lado [Enclave, Arua, Uganda].

#### *Lemniscomys dorsalis mearnsi* Heller

Smithson. Misc. Collect. 63(7): 12, 24 Jun 1914.

= *Lemniscomys rosalia* (Thomas, 1904). See Musser and Carleton (1993:602).

Holotype: USNM 163616. [Skin and skull]. Adult female. Collected 11 Sep 1909 by J. A. Loring. Original number 7152.

Type Locality: Fort Hall, altitude 6,200 ft (1,890 m), [Central Province], British East Africa (Kenya).

#### *Lemniscomys hoogstraali* Dieterlen

Bonn. Zool. Beitr. 42: 11, 11 Apr 1991.

Holotype: USNM 342078. Skin and skull. Adult male. Collected 23 Jan 1961 by H. Hoogstraal. Original number 13391.

Type Locality: Paloich, 12 mi (19 km) N Niayok, [SL: near Nile], approx. 10°26'N, 32°33'E, Upper Nile Province, Sudan (South Sudan).

#### *Lemniscomys pulchellus spermophilus* Heller

Smithson. Misc. Collect. 59(16): 11, 5 Jul 1912.

= *Lemniscomys striatus massaicus* (Pagenstecher, 1885). See Hollister (1919:139); subspecies recognized by Castiglia and Ouge (2008:57).

Holotype: USNM 181800. [Skin and skull]. Adult female. Collected 26 Aug 1911 by E. Heller. Original number 4103.

Type Locality: [SL: Summit], Mount Gargues (Uarages), Altitude 7,000 ft (2,134 m), Mathews Range, [Rift Valley], British East Africa (Kenya).

### Genus *Lenomys* Thomas, 1898

#### *Lenomys longicaudus* Miller and Hollister

Proc. Biol. Soc. Wash. 34: 95, 30 Jun 1921b.

= *Lenomys meyeri* (Jentink, 1879). See Laurie and Hill (1954:97).

Holotype: USNM 219712. Skin and skull. Adult female. Collected 1 Sep 1917 by H. C. Raven. Original number 3203.

Type Locality: Gimpoe (Gimpu), [Sulawesi Tengah], Middle Celebes (Sulawesi), [Indonesia].

### Genus *Lenothrix* Miller, 1903

#### *Lenothrix canus* Miller

Proc. U.S. Natl. Mus. 26: 466, 3 Feb 1903c.

Holotype: USNM 114386. Skin and skull. Adult male. Collected 27 Jan 1902 by W. L. Abbott. Original number [SL: 1477].

Type Locality: Pulo Tuanku (Pulau Tuangku), [SL: Banjak Islands (Kepulauan Banyak)], [Aceh, Sumatra, Indonesia].

### Genus *Leopoldamys* Ellerman, 1947

#### *Epimys luta* Miller

Smithson. Misc. Collect. 61(21): 18, 29 Dec 1913d.

= *Leopoldamys sabanus* (Thomas, 1887). See Musser (1981b: 257).

Holotype: USNM 151917. Skin and skull. Adult female. Collected 24 Dec 1907 by W. L. Abbott. Original number 5682.

Type Locality: [FC: Sungei Lima], Pulo (Pulau) Laut, [Kalimantan Selatan], Dutch southeast Borneo (Kalimantan), [Indonesia].

#### *Epimys nasutus* Lyon

Proc. U.S. Natl. Mus. 40: 104, 25 Apr 1911.

= *Leopoldamys sabanus* (Thomas, 1887). See Musser (1981b: 256).

Holotype: USNM 145519. Skin and skull. Adult male. Collected 21 May 1907 by W. L. Abbott. Original number 5270.

Type Locality: Pulo (Pulau) Panebangan, [Kalimantan Barat], off west coast of Borneo (Kalimantan), [Indonesia].

#### *Epimys stentor* Miller

Smithson. Misc. Collect. 61(21): 19, 29 Dec 1913d.

= *Leopoldamys sabanus* (Thomas, 1887). See Musser (1981b: 257).

Holotype: USNM 124044. Skin and skull. Adult female. Collected 2 Jan 1904 by W. L. Abbott. Original number 2983.  
Type Locality: James Island (Pulo Buda), Mergui Archipelago, [Tanintharyi, Burma].

*Epimys vociferans clarae* Miller

Smithson. Misc. Collect. 61(21): 20, 29 Dec 1913d.  
= *Leopoldamys sabanus* (Thomas, 1887). See Musser (1981b: 257).

Holotype: USNM 124115. Skin and skull. Adult male. Collected 10 Jan 1904 by W. L. Abbott. Original number 3019.  
Type Locality: Clara Island, Mergui Archipelago, [Tanintharyi, Burma].

*Epimys vociferans insularum* Miller

Smithson. Misc. Collect. 61(21): 19, 29 Dec 1913d.  
= *Leopoldamys sabanus* (Thomas, 1887). See Musser (1981b: 257).

Holotype: USNM 104167. Skin and skull. Adult female. Collected 27 Feb 1900 by W. L. Abbott. Original number 329.  
Type Locality: Domel Island (Letsok-aw Kyun), Mergui Archipelago, [Tanintharyi, Burma].

*Mus balae* Miller

Smithson. Misc. Collect. 45: 33, 6 Nov 1903b.  
= *Leopoldamys sabanus* (Thomas, 1887). See Musser (1981b: 257).

Holotype: USNM 121781. Skin and skull. Adult female. Collected 12 Feb 1903 by W. L. Abbott. Original number 2274.  
Type Locality: Tana Bala (Pulau Tanabala), Batu Islands (Kepulauan Batu), [Sumatera Utara], Sumatra, [Indonesia].

*Mus fremens* Miller

Proc. Acad. Nat. Sci. Phila. 54: 154, 11 Jun 1902a.  
= *Leopoldamys sabanus* (Thomas, 1887). See Musser (1981b: 257).

Holotype: USNM 113087. Skin and skull. Adult male. Collected 4 Sep 1901 by [SL: W. L. Abbott]. Original number 1273.  
Type Locality: [FC: Sakana Bay], Sinkep Island (Pulau Singkep), South China Sea [Poole and Schantz: (1942:463): Rhio-Linga (Lingga) Archipelago], [Kepulauan Riau, Sumatra, Indonesia].

*Mus lucas* Miller

Smithson. Misc. Collect. 45: 30, 6 Nov 1903b.  
= *Leopoldamys sabanus* (Thomas, 1887). See Musser (1981b: 257).

Holotype: USNM 104190. Skin and skull. Adult female. Collected 20 Jan 1900 by W. L. Abbott. Original number 253.  
Type Locality: St. Luke (Za Det Nge) Island, Mergui Archipelago, [Tanintharyi, Burma].

*Mus masae* Miller

Smithson. Misc. Collect. 45: 32, 6 Nov 1903b.

= *Leopoldamys sabanus* (Thomas, 1887). See Musser (1981b: 257).

Holotype: USNM 121822. Skin and skull. Adult female. Collected 21 Feb 1903 by W. L. Abbott. Original number 2327.  
Type Locality: Tana masa (Pulau Tanahmasa), Batu Islands (Kepulauan Batu), [Sumatera Utara, Sumatra, Indonesia].

*Mus matthaeus* Miller

Smithson. Misc. Collect. 45: 29, 6 Nov 1903b.  
= *Leopoldamys sabanus* (Thomas, 1887). See Musser (1981b: 257).

Holotype: USNM 104159. Skin and skull. Adult male. Collected 18 Jan 1900 by W. L. Abbott. Original number 243.  
Type Locality: St. Matthew (Za Det Gyi) Island, Mergui Archipelago, [Tanintharyi, Burma].

*Mus soccatus* Miller

Smithson. Misc. Collect. 45: 30, 6 Nov 1903b.  
= *Leopoldamys siporanus* (Thomas, 1895). See Musser (1981b: 257).

Holotype: USNM 121549. Skin and skull. Adult male. Collected 29 Dec 1902 by W. L. Abbott. Original number 2183.  
Type Locality: North Pagi Island (Pulau Pagai Utara), [Mentawai Islands, Sumatera Barat], Sumatra, [Indonesia].

*Mus strepitans* Miller

Proc. Wash. Acad. Sci. 2: 207, 20 Aug 1900f.  
= *Leopoldamys sabanus* (Thomas, 1887). See Musser (1981b: 257).

Holotype: USNM 101697. Skin and skull. Adult female. Collected 10 Sep 1899 by [W. L. Abbott]. No original number.  
Type Locality: Pulo (Pulau) Siantan, Anambas Islands (Kepulauan Anambas), [Kepulauan Riau, Indonesia].

*Mus stridens* Miller

Smithson. Misc. Collect. 45: 28, 6 Nov 1903b.  
= *Leopoldamys sabanus* (Thomas, 1887). See Musser (1981b: 257).

Holotype: USNM 104992. Skin and skull. Adult male. Collected 10 Oct 1900 by W. L. Abbott. Original number 702.  
Type Locality: Tioman Island (Pulau Tioman), off southeast coast of Malay Peninsula, [Pahang, Malaysia].

*Mus stridulus* Miller

Smithson. Misc. Collect. 45: 29, 6 Nov 1903b.  
= *Leopoldamys sabanus* (Thomas, 1887). See Musser (1981b: 257).

Holotype: USNM 104196. Skin and skull. Adult female. Collected 12 Mar 1900 by W. L. Abbott. Original number 350.  
Type Locality: Bentinck Island, Mergui Archipelago, [Tanintharyi, Burma].

*Mus vociferans* Miller

Proc. Biol. Soc. Wash. 13: 138, 21 Apr 1900c.



= *Leopoldamys sabanus* (Thomas, 1887). See Musser (1981b: 257).

Holotype: USNM 86736. Skin and skull. Adult male. Collected 21 Feb 1899 by [W. L. Abbott]. No original number.

Type Locality: [SL: Khaw Sai Dow (Khao Soi Dao)], altitude 1,000 ft (305 m), in the mountains of Trong (Trang), Lower Siam (Thailand).

*Mus vociferans lancavensis* Miller

Proc. Biol. Soc. Wash. 13: 188, 21 Dec 1900g.

= *Leopoldamys sabanus* (Thomas, 1887). See Musser (1981b: 257).

Holotype: USNM 104173. Skin and skull. Adult female. Collected 6 Dec 1899 by [W. L. Abbott]. Original number 122.

Type Locality: Pulo Lankawi (Pulau Langkawi), [Kedah, Malaysia].

*Rattus fremens mansalaris* Lyon

Proc. U.S. Natl. Mus. 52: 450, 30 Dec 1916a.

= *Leopoldamys sabanus* (Thomas, 1887). See Musser (1981b: 257).

Holotype: USNM 114583. Skin and skull. Adult male. Collected 4 Mar 1902 by W. L. Abbott. Original number 1591.

Type Locality: Pulo Mansalar (Pulau Musala), off west coast of Sumatra, [Sumatera Utara, Indonesia].

*Rattus fremens tuancus* Lyon

Proc. U.S. Natl. Mus. 52: 451, 30 Dec 1916a.

= *Leopoldamys sabanus* (Thomas, 1887). See Musser (1981b: 257).

Holotype: USNM 114402. Skin and skull. Adult male. Collected 26 Jan 1902 by W. L. Abbott. Original number 1470.

Type Locality: Pulo Tuanku (Pulau Tuangku), Banjak Islands (Kepulauan Banyak), [Aceh, Sumatra, Indonesia].

*Rattus vociferans tapanulius* Lyon

Proc. Biol. Soc. Wash. 29: 209, 22 Sep 1916b.

= *Leopoldamys sabanus* (Thomas, 1887). See Musser (1981b: 257).

Holotype: USNM 114453. Skin and skull. Adult male. Collected 16 Feb 1902 by W. L. Abbott. Original number 1538.

Type Locality: Tapanuli Bay (Teluk Tapanuli), west coast of Sumatra, [Sumatera Utara, Indonesia].

## Genus *Limnomys* Mearns, 1905

*Limnomys mearnsi* Hollister

Proc. U.S. Natl. Mus. 46: 324, 31 Dec 1913d.

= *Limnomys sibuanus* Mearns, 1905. See Musser (1977a:11).

Holotype: USNM 144622. Skin and skull. Adult female. Collected 7 Jun 1905 by E. A. Mearns. Original number 6190.

Type Locality: Summit of Grand Malindang Peak (Mount Malindang), altitude 9,000 ft (2,743 m), [Misamis Occidental Province], Mindanao, [Philippines].

*Limnomys sibuanus* Mearns

Proc. U.S. Natl. Mus. 28: 452, 13 May 1905.

Holotype: USNM 125228. Skin and skull. Adult female. Collected 30 Jun 1904 by E. A. Mearns. Original number 5688.

Type Locality: Mount Apo, altitude 6,600 ft (2,012 m), [Musser and Carleton (2005:1352): Davao City Province], southern Mindanao, Philippine Islands (Philippines).

## Genus *Lophuromys* Peters, 1874

*Lophuromys aquilus margarettae* Heller

Smithson. Misc. Collect. 59(16): 7, 5 Jul 1912.

= *Lophuromys aquilus* (True, 1892).

Holotype: USNM 181793. Skin and skull. Adult male. Collected 27 Aug 1911 by E. Heller. Original number 4126.

Type Locality: [SL: North Creek]. Mount Garguess (Uaragess), altitude 6,000 ft (1,829 m), Mathews Range, [Rift Valley], British East Africa (Kenya).

*Lophuromys nudicaudus* Heller

Smithson. Misc. Collect. 56(17): 11, 28 Feb 1911.

Holotype: USNM 125436. [Skin and skull]. Adult male. Collected 4 Aug 1903 by G. L. Bates. Original number 26.

Type Locality: Efulen (Efulan), Bula Country, [Sud], Kamerun (Cameroon).

*Lophuromys pyrrhus* Heller

Smithson. Misc. Collect. 56(17): 10, 28 Feb 1911.

= *Lophuromys ansorgei* (de Winton, 1896). See Hollister (1919: 112).

Holotype: USNM 164823. [Skin and skull]. Adult male. Collected 24 Jan 1910 by J. A. Loring. Original number 8853.

Type Locality: Rhino Camp, Lado Enclave, [Arua, Uganda].

*Mus aquilus* True

Proc. U.S. Natl. Mus. 15: 460, 26 Oct 1892.

= *Lophuromys aquilus* (True, 1892). See Thomas (1897:795).

Holotype: USNM 18997/34723. Skin and skull. Adult male. Collected 11 Apr 1888 by [MC: W. L. Abbott]. No original number.

Type Locality: Mount Kilima-Njaro (Kilimanjaro), altitude 8,000 ft (2,438 m), [Kilimanjaro, Tanzania].

## Genus *Mastomys* Thomas, 1915

*Epimys concha* [sic] *ismailiae* Heller

Smithson. Misc. Collect. 63(7): 9, 24 Jun 1914.

= *Mastomys natalensis* (Smith, 1834). See Musser and Carleton (2005:1365).

Holotype: USNM 165108. [Skin and skull]. Adult male. Collected 23 Feb 1910 by J. A. Loring. Original number 9056.

Type Locality: Gondokoro, [Central Equatoria], Uganda (South Sudan).

***Epimys coucha durumae* Heller**

Smithson. Misc. Collect. 59(16): 9, 5 Jul 1912.

= *Mastomys natalensis* (Smith, 1834). See Musser and Carleton (2005:1365).

Holotype: USNM 181796. [Skin and skull]. Adult male. Collected 23 Dec 1911 by E. Heller. Original number 5002.

Type Locality: Mazeras, [Coast Province], British East Africa (Kenya).

***Epimys coucha neumani* Heller**

Smithson. Misc. Collect. 59(16): 8, 5 Jul 1912.

= *Mastomys natalensis* (Smith, 1834). See Musser and Carleton (2005:1365).

Holotype: USNM 181795. [Skin and skull]. [SL: Male]. Collected 26 Sep 1911 by E. Heller. Original number 4372.

Type Locality: Neuman's Boma, Northern Guaso Nyiro (Ewaso Ng'iro) River, [Rift Valley], British East Africa (Kenya).

***Epimys panya* Heller**

Smithson. Misc. Collect. 56(9): 2, 22 Jul 1910a.

= *Mastomys natalensis* (Smith, 1834). See Musser and Carleton (2005:1365).

Holotype: USNM 161886. [Skin and skull]. Adult male. Collected 23 May 1909 by J. A. Loring. Original Number 6220.

Type Locality: Juja Farm, Athi Plains, [Central Province], British East Africa (Kenya).

***Mus tana* True**

Proc. U.S. Natl. Mus. 16: 602, 25 Oct 1893.

= *Mastomys natalensis* (Smith, 1834). See Musser and Carleton (2005:1365).

Holotype: USNM 21004/36055. Skin, skull, [and body in alcohol]. [Lyon and Osgood (1909:155): Adult] female. Collected Nov 1892 by W. A. Chanler and L. von Hohnel. No original number.

Type Locality: Along the Tana River, between the coast and Hameye, a point about 300 mi (483 km) from its mouth, [Coast Province], East Africa (Kenya).

***Rattus coucha tinctus* Hollister**

Smithson. Misc. Collect. 68(10): 1, 16 Jan 1918.

= *Mastomys natalensis* (Smith, 1834). See Musser and Carleton (2005:1365).

Holotype: USNM 183294. Skin and skull. Adult male. Collected 24 Jan 1912 by E. Heller. Original number 5188.

Type Locality: Kaimosi, Kavirondo, [Western Province], British East Africa (Kenya).

**Genus *Maxomys* Sody, 1936*****Epimys batus* Miller**

Proc. Biol. Soc. Wash. 24: 27, 24 Feb 1911c.

= *Maxomys whiteheadi* (Thomas, 1894). See Musser et al. (1979:593).

Holotype: USNM 121792. Skin and skull. Adult female. Collected 4 Mar 1903 by W. L. Abbott. Original number 2368.

Type Locality: Pulo Pinie (Pulau Pini), Batu Islands (Kepulauan Batu), [Sumatera Utara], Sumatra, [Indonesia].

***Epimys perflavus* Lyon**

Proc. U.S. Natl. Mus. 40: 108, 25 Apr 1911.

= *Maxomys surifer* (Miller, 1900). See Musser et al. (1979:593).

Holotype: USNM 151918. Skin and skull. Adult male. Collected 25 Dec 1907 by W. L. Abbott. Original number 5684.

Type Locality: [FC: Sungei Lima], Pulo (Pulau) Laut, [Kalimantan Selatan], off southeast coast of Borneo (Kalimantan), [Indonesia].

***Epimys saturatus* Lyon**

Proc. U.S. Natl. Mus. 40: 109, 25 Apr 1911.

= *Maxomys surifer* (Miller, 1900). See Musser et al. (1979:593).

Holotype: USNM 145523. Skin and skull. Adult male. Collected 17 May 1907 by W. L. Abbott. Original number 5236.

Type Locality: Pulo (Pulau) Panebangan, [Kalimantan Barat], off west coast of Borneo (Kalimantan), [Indonesia].

***Epimys ubecus* Lyon**

Proc. U.S. Natl. Mus. 40: 109, 25 Apr 1911.

= *Maxomys surifer* (Miller, 1900). See Musser et al. (1979:593).

Holotype: USNM 151931. Skin and skull. Adult male. Collected 3 Jan 1908 by W. L. Abbott. Original number 5727.

Type Locality: Pulo (Pulau) Sebuiku, [Kalimantan Selatan], off southeast coast of Borneo (Kalimantan), [Indonesia].

***Mus anambae* Miller**

Proc. Wash. Acad. Sci. 2: 205, 20 Aug 1900f.

= *Maxomys surifer* (Miller, 1900). See Musser et al. (1979:593).

Holotype: USNM 101737. Skin and skull. Adult female. Collected 21 Sep 1899 by [SL: W. L. Abbott]. No original number.

Type Locality: Pulo Jimaja (Pulau Jemaja), Anambas Islands (Kepulauan Anambas), [Kepulauan Riau, Indonesia].

***Mus asper* Miller**

Proc. Biol. Soc. Wash. 13: 145, 21 Apr 1900c.

= *Maxomys whiteheadi* (Thomas, 1894). See Musser et al. (1979:593).

Holotype: USNM 86767. Skin and skull. Adult female. Collected 2 Feb 1899 by [SL: W. L. Abbott]. No original number.

Type Locality: [SL: Khow Sai Dow (Khao Soi Dao)], altitude about 1,000 ft (305 m), Trong (Trang), Siam (Thailand).

***Mus batamanus* Lyon**

Proc. U.S. Natl. Mus. 31: 654, 16 Jan 1907b.

= *Maxomys whiteheadi* (Thomas, 1894). See Musser et al. (1979:593).

Holotype: USNM 143232. Skin and skull. Adult male. Collected 30 Mar 1906 by C. B. Kloss. Original number 75.

Type Locality: Senimba Bay (Teluk Senimba), Batam Island (Palau Batam), off southern end of Malay Peninsula, [Kepulauan Riau, Sumatra, Indonesia].

***Mus bentinicanus* Miller**

Smithson. Misc. Collect. 45: 38, 6 Nov 1903b.  
= *Maxomys surifer* (Miller, 1900). See Musser et al. (1979:593).  
Holotype: USNM 104269. Skin and skull. Adult female. Collected 11 Mar 1900 by W. L. Abbott. Original number 348.  
Type Locality: Bentinck Island, Mergui Archipelago, [Tanintharyi, Burma].

***Mus carimatae* Miller**

Proc. U.S. Natl. Mus. 31: 59, 23 Jul 1906a.  
= *Maxomys surifer* (Miller, 1900). See Musser et al. (1979:593).  
Holotype: USNM 125079. Skin and skull. Adult male. Collected 20 Aug 1904 by W. L. Abbott. Original number 3612.  
Type Locality: Telok Pai, Karimata Island (Pulau Karimata), [Kalimantan Barat, Borneo (Kalimantan), Indonesia].

***Mus casensis* Miller**

Smithson. Misc. Collect. 45: 38, 6 Nov 1903b.  
= *Maxomys surifer* (Miller, 1900). See Musser et al. (1979:593).  
Holotype: USNM 104249. Skin and skull. Adult male. Collected 28 Dec 1899 by W. L. Abbott. Original number 188.  
Type Locality: Chance Island, Mergui Archipelago, [Tanintharyi, Burma].

***Mus catellifer* Miller**

Proc. U.S. Natl. Mus. 26: 464, 3 Feb 1903c.  
= *Maxomys surifer* (Miller, 1900). See Musser et al. (1979:593).  
Holotype: USNM 114590. Skin and skull. Adult female. Collected 3 Mar 1902 by W. L. Abbott. Original number 1587.  
Type Locality: Pulo Mansalar (Pulau Musala), off Tapanuli Bay (Teluk Tapanuli), [Sumatera Utara], Sumatra, [Indonesia].

***Mus domelicus* Miller**

Smithson. Misc. Collect. 45: 39, 6 Nov 1903b.  
= *Maxomys surifer* (Miller, 1900). See Musser et al. (1979:593).  
Holotype: USNM 104257. Skin and skull. Adult female. Collected 24 Feb 1900 by W. L. Abbott. Original number 320.  
Type Locality: Domel Island (Letsok-aw Kyun), Mergui Archipelago, [Tanintharyi, Burma].

***Mus lingensis* Miller**

Proc. Wash. Acad. Sci. 2: 206, 20 Aug 1900f.  
= *Maxomys rajah* (Thomas, 1894). See Musser et al. (1979:593).  
Holotype: USNM 101614. Skin and skull. Adult male. Collected 15 Jul 1899 by [SL: W. L. Abbott]. No original number.  
Type Locality: [SL: Peak], Linga Island (Pulau Lingga), [SL: altitude 1,000 ft (305 m)], [Kepulauan Riau, Sumatra, Indonesia].

***Mus luteolus* Miller**

Smithson. Misc. Collect. 45: 36, 6 Nov 1903b.

= *Maxomys surifer* (Miller, 1900). See Musser et al. (1979:593).  
Holotype: USNM 104276. Skin and skull. Adult female. Collected 15 Jan 1900 by W. L. Abbott. Original number 226.  
Type Locality: St. Matthew (Za Det Gyi) Island, Mergui Archipelago, [Tanintharyi, Burma].

***Mus mandus* Lyon**

Proc. U.S. Natl. Mus. 34: 644, 14 Sep 1908.  
= *Maxomys whiteheadi* (Thomas, 1894). See Musser et al. (1979:593).  
Holotype: USNM 144225. Skin and skull. Adult male. Collected 23 Nov 1906 by W. L. Abbott. Original number 4898.  
Type Locality: Sungei (Sungai) Mandau, tributary to the Siak River (Sungai Siak), eastern Sumatra, [Riau, Indonesia].

***Mus pagensis* Miller**

Smithson. Misc. Collect. 45: 39, 6 Nov 1903b.  
= *Maxomys pagensis* (Miller, 1903). See Musser et al. (1979:593).  
Holotype: USNM 121629. Skin and skull. Adult male. Collected 23 Dec 1902 by W. L. Abbott. Original number 2153.  
Type Locality: [FC: Sikakep Straight], South Pagi Island (Pulau Pagai Selatan), [Sumatera Barat], Sumatra, [Indonesia].

***Mus pellax* Miller**

Proc. Biol. Soc. Wash. 13: 147, 21 Apr 1900c.  
= *Maxomys rajah* (Thomas, 1894). See Musser et al. (1979:593).  
Holotype: USNM 86755. Skin and skull. Adult female. Collected 5 Feb 1899 by [SL: W. L. Abbott]. No original number.  
Type Locality: [SL: Khow Sai Dow (Khao Soi Dao)], altitude about 1,000 ft (305 m), Trong (Trang), Lower Siam (Thailand).

***Mus serutus* Miller**

Proc. U.S. Natl. Mus. 31: 59, 23 Jul 1906a.  
= *Maxomys surifer* (Miller, 1900). See Musser et al. (1979:593).  
Holotype: USNM 125032. Skin and skull. Adult male. Collected 17 Aug 1904 by W. L. Abbott. Original number 3590.  
Type Locality: Pulo (Pulau) Serutu, Karimata Islands (Kepulauan Karimata), [Kalimantan Barat, Borneo (Kalimantan), Indonesia].

***Mus surifer* Miller**

Proc. Biol. Soc. Wash. 13: 148, 21 Apr 1900c.  
= *Maxomys surifer* (Miller, 1900). See Musser et al. (1979:593).  
Holotype: USNM 86746. Skin and skull. Adult male. Collected 14 Jan 1899 by [SL: W. L. Abbott]. No original number.  
Type Locality: [SL: Khow Nok Ram (Khao Nok Ra)], altitude about 3,000 ft (914 m), in the mountains of Trong (Trang), Lower Siam (Thailand).

***Mus surifer butangensis* Miller**

Proc. Biol. Soc. Wash. 13: 190, 21 Dec 1900g.  
= *Maxomys surifer* (Miller, 1900). See Musser et al. (1979:593).  
Holotype: USNM 104309. Skin and skull. Adult male. Collected 16 Dec 1899 by [SL: W. L. Abbott]. Original number 157.

Type Locality: Pulo (Ko) Adang, Butang Islands (Batong Group), [Satun, Thailand].

***Mus surifer flavidulus* Miller**

Proc. Biol. Soc. Wash. 13: 189, 21 Dec 1900g.

= *Maxomys surifer* (Miller, 1900). See Musser et al. (1979:593).

Holotype: USNM 104330. Skin and skull. Adult female. Collected 4 Dec 1899 by [SL: W. L. Abbott]. Original number 109.

Type Locality: Pulo Lankawi (Pulau Langkawi), [Kedah, Malaysia].

***Mus umbridorsum* Miller**

Smithson. Misc. Collect. 45: 37, 6 Nov 1903b.

= *Maxomys surifer* (Miller, 1900). See Musser et al. (1979:593).

Holotype: USNM 104227. Skin and skull. Adult male. Collected 24 Jan 1900 by W. L. Abbott. Original number 269.

Type Locality: Loughborough (Lord Loughborough) Island, Mergui Archipelago, [Tanintharyi, Burma].

***Rattus bellwaldii cereus* Miller and Hollister**

Proc. Biol. Soc. Wash. 34: 74, 31 Mar 1921a.

= *Maxomys bellwaldii* (Jentink, 1878). See Musser et al. (1979:593).

Holotype: USNM 200232. Skin and skull. Adult male. Collected 30 Nov 1914 by H. C. Raven. Original number 1846.

Type Locality: Toli Toli (Tolitoli), [Sulawesi Tengah], northwestern Celebes (Sulawesi), [Indonesia].

***Rattus bellwaldii localis* Miller and Hollister**

Proc. Biol. Soc. Wash. 34: 74, 31 Mar 1921a.

= *Maxomys bellwaldii* (Jentink, 1878). See Musser et al. (1979:593).

Holotype: USNM 218120. Skin and skull. Adult male. Collected 1 Dec 1916 by H. C. Raven. Original number 2987.

Type Locality: Laboea Sore (Labuasore), north of Parigi, [Sulawesi Tengah], Celebes (Sulawesi), [Indonesia].

***Rattus lingensis antucus* Lyon**

Proc. U.S. Natl. Mus. 52: 449, 30 Dec 1916a.

= *Maxomys surifer* (Miller, 1900). See Musser et al. (1979:593).

Holotype: USNM 114390. Skin and skull. Adult female. Collected 28 Jan 1902 by W. L. Abbott. Original number 1484.

Type Locality: Pulo Tuanku (Pulau Tuangku), Banjak Islands (Kepulauan Banyak), [Aceh, Sumatra, Indonesia].

***Rattus lingensis banacus* Lyon**

Proc. U.S. Natl. Mus. 52: 449, 30 Dec 1916a.

= *Maxomys surifer* (Miller, 1900). See Musser et al. (1979:593).

Holotype: USNM 114294. Skin and skull. Adult male. Collected 19 Jan 1902 by W. L. Abbott. Original number 1434.

Type Locality: Pulo Bankaru (Pulau Bangkaru), Banjak Islands (Kepulauan Banyak), [Aceh, Sumatra, Indonesia].

***Rattus lingensis mabalus* Lyon**

Proc. U.S. Natl. Mus. 52: 449, 30 Dec 1916a.

= *Maxomys surifer* (Miller, 1900). See Musser et al. (1979:593).

Holotype: USNM 121825. Skin and skull. Adult female. Collected 19 Feb 1903 by W. L. Abbott. Original number 2310.

Type Locality: Tana Masa (Pulau Tanamasa), Batu Islands (Kepulauan Batu), [Sumatera Utara, Sumatra, Indonesia].

***Rattus lingensis pinacus* Lyon**

Proc. U.S. Natl. Mus. 52: 450, 30 Dec 1916a.

= *Maxomys surifer* (Miller, 1900). See Musser et al. (1979:593).

Holotype: USNM 121846. Skin and skull. Adult female. Collected 2 Mar 1903 by W. L. Abbott. Original number 2349.

Type Locality: Pulo Pinie (Pulau Pini), Batu Islands (Kepulauan Batu), [Sumatera Utara, Sumatra, Indonesia].

***Rattus melanurus* Shamel**

J. Mammal. 21: 76, 15 Feb 1940.

= *Maxomys whiteheadi* (Thomas, 1894). See Musser et al. (1979:593).

Holotype: USNM 197371. Skin and skull. Adult male. Collected 12 Sep 1913 by H. C. Raven. Original number [SL: 1025].

Type Locality: Pulo (Pulau) Miang Besar, just out from Sangkulirang Bay (Teluk Sangkulirang), [Kalimantan Timur], Borneo (Kalimantan), [Indonesia].

***Rattus musschenbroekii tetricus* Miller and Hollister**

Proc. Biol. Soc. Wash. 34: 68, 31 Mar 1921a.

= *Maxomys musschenbroekii* Jentink, 1878. See Musser et al. (1979:593).

Holotype: USNM 219613. Skin and skull. Adult male. Collected 27 Aug 1917 by H. C. Raven. Original number 3184.

Type Locality: Gimpoe (Gimpu), southwest from Lake Lindoe (Rano Lindu), [Sulawesi Tengah], Middle Celebes (Sulawesi), [Indonesia].

***Rattus perasper* Shamel**

J. Mammal. 21: 76, 15 Feb 1940.

= *Maxomys ochraceiventer* (Thomas, 1894). See Musser et al. (1979:593).

Holotype: USNM 198255. Skin and skull. Adult male. Collected 5 Dec 1913 by H. C. Raven. Original number [SL: 1210].

Type Locality: Gunong Batu, [SL: North bank, Sungai Karang, Sangkulirang Bay (Teluk Sangkulirang)], [Kalimantan Timur], Borneo (Kalimantan), [Indonesia].

***Rattus rajah koratis* Kloss**

J. Nat. Hist. Soc. Siam 3: 376, 31 Dec 1919.

= *Maxomys surifer* (Miller, 1900). See Musser et al. (1979:593).

Holotype: USNM 221509. Skin and skull. Adult male. Collected 18 Oct 1916 by C. B. Kloss. Original number 2187.

Type Locality: Lat Bua Kao (Lat Bua Khao), [Nakhon Ratchasima], E. Siam (Thailand).

Remarks: Published as CBK number 2187; cataloged as USNM 221509 on 1 Jul 1920.

***Rattus rajah kramis* Kloss**

J. Nat. Hist. Soc. Siam 3: 377, 31 Dec 1919.  
 = *Maxomys surifer* (Miller, 1900). See Musser et al. (1979:593).  
 Holotype: USNM 221489. Skin and skull. Adult male. Collected 30 Oct 1916 by C. B. Kloss. Original number 2277.  
 Type Locality: Koh Kram (Ko Khram), Inner Gulf of Siam, [Chon Buri, Thailand].  
 Remarks: Published as CBK number 2277; cataloged as USNM 221489 on 1 Jul 1920.

**Genus *Melasmothrix* Miller and Hollister, 1921*****Melasmothrix naso* Miller and Hollister**

Proc. Biol. Soc. Wash. 34: 94, 30 Jun 1921b.  
 Holotype: USNM 219752. Skin and skull. Old male. Collected 2 Jan 1918 by H. C. Raven. Original number 3368.  
 Type Locality: Rano Rano (Ranorano), [Sulawesi Tengah], Middle Celebes (Sulawesi), [Indonesia].

**Genus *Melomys* Thomas, 1922*****Melomys cervinipes albiventer* Kellogg**

Proc. Biol. Soc. Wash. 58: 69, 7 May 1945b.  
 = *Melomys burtoni* (Ramsay, 1887). See Mahoney and Richardson (1988:161).  
 Holotype: USNM 237782. Skin and skull. Adult male. Collected 20 Oct 1920 by C. M. Hoy. Original number 861.  
 Type Locality: Either Brooks Creek or Douglas River, 100 mi (161 km) south of Port Darwin, Northern Territory, Australia.

**Genus *Meriones* Illiger, 1811*****Meriones caudatus amplus* Ranck**

Bull. U.S. Natl. Mus. 275: 165, 2 Oct 1968.  
 = *Meriones libycus* Lichtenstein, 1823. See Lay and Nadler (1969:45).  
 Holotype: USNM 322681. Skin and skull. Adult male. Collected 8 Jan 1962 by G. L. Ranck. Original number 1245.  
 Type Locality: El Gatrun (Al Qatrun), [Ranck (1968:68): 24°57'N, 14°39'E], Fezzan Province, Libya.

***Meriones caudatus luridus* Ranck**

Bull. U.S. Natl. Mus. 275: 173, 2 Oct 1968.  
 = *Meriones libycus* Lichtenstein, 1823. See Lay and Nadler (1969:45).  
 Holotype: USNM 325597. Skin and skull. Adult male. Collected 29 May 1962 by G. L. Ranck. Original number 2187.  
 Type Locality: Bahr el (at) Tubat, 21 km ESE Giarabub (Al Jaghbub), [Ranck (1968:68): 29°36'N, 24°53'E], Cyrenaica Province, Libya.

***Meriones erythrourus farsi* Schlitter and Setzer**

Proc. Biol. Soc. Wash. 86: 170, 31 May 1973.  
 = *Meriones libycus* Lichtenstein, 1823. See Corbet (1978:127).

Holotype: USNM 329186. Skin and skull. Adult male. Collected 27 Mar 1963 by G. L. Ranck. Original number 3911.  
 Type Locality: 3 km N Bariz, 50 km N Lar, [SL: Laristan], Fars (Hormozgan) Province, Iran.

***Meriones libycus auratus* Ranck**

Bull. U.S. Natl. Mus. 275: 183, 2 Oct 1968.  
 = *Meriones shawi* (Duvernoy, 1842). See Lay and Nadler (1969:45).  
 Holotype: USNM 302233. Skin and skull. Adult male. Collected 29 Oct 1955 by H. W. Setzer. Original number 2672.  
 Type Locality: Gheminez (Qaminis), [Ranck (1968:67): 31°29'N, 20°E], Cyrenaica Province, Libya.

***Meriones shawi azizi* Setzer**

Proc. Biol. Soc. Wash. 69: 205, 31 Dec 1956b.  
 = *Meriones shawi* (Duvernoy, 1842).  
 Holotype: USNM 302242. Skin and skull. Adult male. Collected 9 Nov 1955 by H. W. Setzer. Original number 2717.  
 Type Locality: 5 km SE Derna (Darnah), [Ranck (1968:67): 32°44'N, 22°40'E], Cyrenaica, Libya.

**Genus *Micromys* Dehne, 1841*****Micromys minutus hertigi* Johnson and Jones**

Proc. Biol. Soc. Wash. 68: 167, 31 Dec 1955.  
 = *Micromys minutus* (Pallas, 1771).  
 Holotype: USNM 299104. Skin and skull. Adult female. Collected 11 Sep 1954 by W. D. Thomas. Original number J. K. Jones Jr. 1675.  
 Type Locality: 2 mi (3 km) southeast Mosulp'o, altitude 3 m, Quelpart Island, Cheju Do, Korea.

**Genus *Mus* Linnaeus, 1758*****Leggada naivashae* Heller**

Smithson. Misc. Collect. 54(4): 2, 28 Feb 1910b.  
 = *Mus triton* (Thomas, 1909). See Hollister (1919:95).  
 Holotype: USNM 162885. [Skin and skull]. Adult male. Collected 18 Oct 1909 by E. Heller. Original number 1186.  
 Type Locality: Eastern edge of Naivasha Plains at the [SL: western] base of the Aberdare Mountains, [SL and FC: altitude 9,100 ft (2,774 m)], [Central Province], British East Africa (Kenya).

***Mus bellus enclavae* Heller**

Smithson. Misc. Collect. 56(17): 8, 28 Feb 1911.  
 = *Mus musculoides* Temminck, 1853. See Musser and Carleton (1993:625).  
 Holotype: USNM 164818. [Skin and skull]. Adult male. Collected 10 Jan 1910 by J. A. Loring. Original number 8613.  
 Type Locality: Rhino Camp, Lado Enclave, [Arua], [SL: Uganda].

***Mus bellus gondokorae* Heller**

Smithson. Misc. Collect. 56(17): 8, 28 Feb 1911.

= *Mus musculooides* Temminck, 1853. See Musser and Carleton (1993:625).

Holotype: USNM 164820. [Skin and skull]. Adult male. Collected 25 Feb 1910 by J. A. Loring. Original number 9089.

Type Locality: Gondokoro, [Central Equatoria], Uganda (South Sudan).

***Mus bellus petilus* Hollister**

Smithson. Misc. Collect. 66(10): 3, 26 Oct 1916.

= *Mus musculooides* Temminck, 1853. See Musser and Carleton (1993:625).

Holotype: USNM 162397. Skin and skull. Adult male. Collected 28 Jun 1909 by J. A. Loring. Original number 6450.

Type Locality: Southern Guaso Nyiro (Ewaso Ng'iro) River, British East Africa (Kenya).

***Mus commissarius* Mearns**

Proc. U.S. Natl. Mus. 28: 449, 13 May 1905.

= *Mus musculus castaneus* Waterhouse, 1843. See Schwarz and Schwarz (1943:63).

Holotype: USNM 125213. Skin and skull. Adult female. Collected 19 Jul 1904 by E. A. Mearns. Original number 5734.

Type Locality: Military commissary building at Davao, [Davao City Province], southern Mindanao, Philippine Islands (Philippines).

***Mus gratus soricooides* Heller**

Smithson. Misc. Collect. 63(7): 10, 24 Jun 1914.

= *Mus musculooides* Temminck, 1853. See Musser and Carleton (1993:625).

Holotype: USNM 183544. [Skin and skull]. Adult male. Collected 8 Nov 1911 by E. Heller. Original number 4675.

Type Locality: [SL: Summit] Mount Mbololo, Taita Hills, [Coast Province], British East Africa (Kenya).

***Mus gratus sungarae* Heller**

Smithson. Misc. Collect. 56(17): 7, 28 Feb 1911.

= *Mus musculooides* Temminck, 1853. See Musser and Carleton (1993:625).

Holotype: USNM 163487. [Skin and skull]. Old male. Collected 20 Sep 1909 by J. A. Loring. Original number 7425.

Type Locality: West Kenia Forest Station (Mount Kenya), altitude 7,500 ft (2,286 m), British East Africa (Kenya).

***Mus musculooides emesi* Heller**

Smithson. Misc. Collect. 56(17): 5, 28 Feb 1911.

= *Mus mahomet* Rhoads, 1896. See Musser and Carleton (1993:624).

Holotype: USNM 164819. [Skin and skull]. Adult male. Collected 27 Dec 1909 by J. A. Loring. Original number 8497.

Type Locality: Kabula Muliro (Kabulamuliro), [Mityana], Uganda, Africa.

***Mus peruvianus* Peale**

U.S. Explor. Exped. 8: 51, 1848.

= *Mus musculus domesticus* Schwarz and Schwarz, 1943. See Musser and Carleton (2005:1399).

Lectotype: USNM 4955, as herein designated. Alcoholic, skull removed. Unsexed adult. Date collected and collector not given; cataloged 30 May 1861.

Type Locality: Near Callao, [Callao], Peru.

Remarks: Type not designated by number in original description. Lyon and Osgood (1909:289) and Poole and Schantz (1942:574) presumed the type to be the above specimen but listed it as missing. This specimen was found in the collection on 14 Feb 1994. It bears a U.S. Exploring Expedition label and is the only known specimen of *Mus* among those mentioned by Peale (1848:51) to be extant. We designate USNM 4955 as lectotype in order to finally attach the name *peruvianus* to an identifiable specimen.

***Mus setzeri* Petter**

Mammalia 42: 377, 31 Dec 1978.

Holotype: USNM 428742. [Skin and skull]. Male. Collected 21 May 1967 by M. S. [SL and FC: S. W.] Goussard. Original number [SL: 633].

Type Locality: 82 km a l'ouest de Mohembo, Botswana, pres de la frontier de Namibie (Namibia).

***Mus tenellus acholi* Heller**

Smithson. Misc. Collect. 56(17): 6, 28 Feb 1911.

= *Mus sorella* (Thomas, 1909). See Verheyen (1965:204).

Holotype: USNM 164817. [Skin and skull]. Adult male. Collected 13 Jan 1910 by J. A. Loring. Original number 8671.

Type Locality: Rhino Camp, Lado Enclave, [Arua, Uganda], Africa.

***Mus wamae* Heller**

Smithson. Misc. Collect. 56(17): 5, 28 Feb 1911.

= *Mus sorella* (Thomas, 1909). See Verheyen (1965:204).

Holotype: USNM 161777. [Skin and skull]. Adult female. Collected 6 May 1909 by J. A. Loring. Original number 6061.

Type Locality: Kapiti Plains, [Eastern Province], British East Africa (Kenya).

**Genus *Mylomys* Thomas, 1906**

***Pelomys roosevelti* Heller**

Smithson. Misc. Collect. 54(4): 1, 28 Feb 1910b.

= *Mylomys dybowskii* (Pousargues, 1893). See Misonne (1974:22).

Holotype: USNM 162881. [Skin and skull]. Adult male. Collected 16 Nov 1909 by E. Heller. Original number 1231.

Type Locality: Nzoia River, Guas Ngishu plateau, [Western Province], British East Africa (Kenya).

**Genus *Myomyscus* Shortridge, 1942**

***Epimys niveiventris ulae* Heller**

Smithson. Misc. Collect. 56(9): 3, 22 Jul 1910c.

= *Myomyscus brockmani* (Thomas, 1908). See Musser and Carleton (2005:1414).

Holotype: USNM 162887. [Skin and skull]. Adult female. Collected 19 Nov 1909 by J. A. Loring. Original number 8221. Type Locality: Ulu Kenia (Lukenya) Hills, [SL: Athi Plains], [Eastern Province], British East Africa (Kenya).

### Genus *Nesokia* Gray, 1842

#### *Nesokia indica chitralensis* Schlitter and Setzer

Proc. Biol. Soc. Wash. 86: 171, 31 May 1973.

= *Nesokia indica* (Gray, 1830).

Holotype: USNM 354362. Skin and skull. Adult male. Collected 18 Aug 1964 by R. H. Pine. Original number 2496 [SL and FC: B67939A].

Type Locality: 4 mi (6 km) N Chitral, altitude approximately 4,800 ft (1,463 m), Chitral State (District), [Malakand Division, North-West Frontier, Khyber Pakhtunkhwa], Pakistan.

### Genus *Niviventer* Marshall, 1976

#### *Epimys barussanus* Miller

Proc. Biol. Soc. Wash. 24: 26, 24 Feb 1911c.

= *Niviventer cremoriventer* (Miller, 1900). See Musser (1981b:237).

Holotype: USNM 141208. Skin and skull. Adult male. Collected 10 Mar 1905 by W. L. Abbott. Original number 4016.

Type Locality: Mouth of Mojeia River, Nias Island (Pulau Nias), [Sumatera Utara], Sumatra, [Indonesia].

#### *Epimys gracilis* Miller

Smithson. Misc. Collect. 61(21): 21, 29 Dec 1913d.

= *Niviventer fulvescens* (Gray, 1847). See Musser (1981b:237).

Holotype: USNM 101520. In alcohol, [skull removed]. Adult female. Collected on unknown date by L. Fea. Cataloged 15 Dec 1899. No original number.

Type Locality: Summit of Mount Mooleyit (Mulayit Taung), northern Tenasserim (Kayin), [Burma].

#### *Epimys lepidus* Miller

Smithson. Misc. Collect. 61(21): 20, 29 Dec 1913d.

= *Niviventer fulvescens* (Gray, 1847). See Musser (1981b:237).

Holotype: USNM 104127. Skin and skull. Adult female. Collected 19 Feb 1900 by W. L. Abbott. Original number 315.

Type Locality: Bok Pyin (Bokpyin), southern Tenasserim (Tanintharyi), [Burma].

#### *Epimys mengurus* Miller

Proc. Biol. Soc. Wash. 24: 27, 24 Feb 1911c.

= *Niviventer cremoriventer* (Miller, 1900). See Musser (1981b:237).

Holotype: USNM 125021. Skin and skull. Adult male. Collected 14 Aug 1904 by W. L. Abbott. Original number 3581.

Type Locality: Bukit Menguru, Billiton Island (Pulau Belitung), [Kepulauan Bangka Belitung], Sumatra, [Indonesia].

#### *Epimys solus* Miller

Smithson. Misc. Collect. 61(22): 21, 29 Dec 1913d.

= *Niviventer cremoriventer* (Miller, 1900). See Musser (1981b:237).

Holotype: USNM 123944. Skin and skull. Adult male. Collected 16 Nov 1903 by W. L. Abbott. Original number 2902.

Type Locality: Pulo Terutau (Ko Tarutao), west coast of Malay Peninsula, [Satun, Thailand].

#### *Epimys spatulatus* Lyon

Proc. U.S. Natl. Mus. 40: 111, 25 Apr 1911.

= *Niviventer cremoriventer* (Miller, 1900). See Musser (1981b:237).

Holotype: USNM 145499. Skin and skull. Adult male. Collected 10 May 1907 by W. L. Abbott. Original number 5214.

Type Locality: Pulo Lamukotan (Pulau Lemukutan), [Kalimantan Barat], off west coast of Borneo (Kalimantan), [Indonesia].

#### *Mus cremoriventer* Miller

Proc. Biol. Soc. Wash. 13: 144, 21 Apr 1900c.

= *Niviventer cremoriventer* (Miller, 1900). See Musser (1981b:237).

Holotype: USNM 86770. Skin and skull. Adult male. Collected 16 Jan 1899 by [SL: W. L. Abbott]. No original number.

Type Locality: [SL: Khaw Nok Ram (Khao Nak Ra)], altitude about 3,000 ft (914 m), mountains of Trong (Trang), Lower Siam (Thailand).

#### *Mus flaviventer* Miller

Proc. Wash. Acad. Sci. 2: 204, 20 Aug 1900f.

= *Niviventer cremoriventer* (Miller, 1900). See Musser (1981b:237).

Holotype: USNM 101739. Skin and skull. Adult male. Collected 18 Sep 1899 by [MC: W. L. Abbott]. No original number.

Type Locality: Pulo Jimaja (Pulau Jemaja), Anambas Islands (Kepulauan Anambas), [Kepulauan Riau, Indonesia].

#### *Mus gilbiventer* Miller

Smithson. Misc. Collect. 45: 35, 6 Nov 1903c.

= *Niviventer cremoriventer* (Miller, 1900). See Musser (1981b:237).

Holotype: USNM 104153. Skin and skull. Adult male. Collected 2 Feb 1900 by W. L. Abbott. Original number 295.

Type Locality: Sullivan (Lampi) Island, Mergui Archipelago, [Tanintharyi, Burma].

### Genus *Notomys* Lesson, 1842

#### *Notomys carpentarius* Johnson

Proc. Biol. Soc. Wash. 72: 186, 4 Nov 1959.

= *Notomys aquilo* Thomas, 1921. See Ride (1970:227).

Holotype: USNM 284353. Skin and skull. Adult female. Collected 8 Jun 1948 by D. H. Johnson. Original number 5525.

Type Locality: Umbakumba, 13°15'S, 136°45'E, Port Langdon, northeastern corner of Groote Eylandt, Northern Territory, Australia.

### Genus *Oenomys* Thomas, 1904

#### *Oenomys hypoxanthus vallicola* Heller

Smithson. Misc. Collect. 63(7): 11, 24 Jun 1914.

= *Oenomys hypoxanthus* (Pucheran, 1855).

Holotype: USNM 162614. [Skin and skull]. Adult female. Collected 15 Jul 1909 by J. A. Loring. Original number 6640.  
Type Locality: Lake Naivasha, [Rift Valley], British East Africa (Kenya).

### Genus *Otomys* F. Cuvier, 1824

#### *Otomys orestes dollmani* Heller

Smithson. Misc. Collect. 59(16): 5, 5 Jul 1912.  
= *Otomys dollmani* Heller, 1912. See Hollister (1919:147).  
Holotype: USNM 181790. [Skin and skull]. Adult male. Collected 27 Aug 1911 by E. Heller. Original number 4125.  
Type Locality: [SL: North Creek], Mount Gargues (Uaragess), altitude 7,000 ft (2,134 m), [SL: 6,000 ft (1,829 m)], Mathews Range, [Rift Valley], British East Africa (Kenya).

### Genus *Palawanomys* Musser and Newcomb, 1983

#### *Palawanomys furvus* Musser and Newcomb

Bull. Am. Mus. Nat. Hist. 174: 335, 29 Jun 1983.  
Holotype: USNM 478113. Skin and skull. Adult female. Collected 15 Apr 1962 by D. S. Rabor. Original number 1438.  
Type Locality: Mount Mantalingajan, 4,500 ft (1,372 m), Brook's Point Municipality, Palawan Province, Palawan Island, [Philippines].

### Genus *Paruromys* Ellerman, 1954

#### *Rattus dominator camurus* Miller and Hollister

Proc. Biol. Soc. Wash. 34: 96, 30 Jun 1921b.  
= *Paruromys dominator* (Thomas, 1921). See Musser and Newcomb (1983:404).  
Holotype: USNM 219566. Skin and skull. Adult male. Collected 15 Jan 1918 by H. C. Raven. Original number 3384.  
Type Locality: Pinedapa, [Sulawesi Tengah], Middle Celebes (Sulawesi), [Indonesia].

### Genus *Pelomys* Peters, 1852

#### *Pelomys fallax iridescens* Heller

Smithson. Misc. Collect. 59(16): 12, 5 Jul 1912.  
= *Pelomys fallax* Peters, 1852.  
Holotype: USNM 181801. [Skin and skull]. Adult male. Collected 5 Nov 1911 by E. Heller. Original number 4620.  
Type Locality: [SL: Summit], Mount Mbololo, altitude 5,000 ft (1,524 m), Taita Mountains (Hills), [Coast Province, Kenya].

### Genus *Pithecheirops* Emmons, 1993

#### *Pithecheirops otion* Emmons

Proc. Biol. Soc. Wash. 106: 753, 17 Dec 1993.  
Holotype: USNM 574500. Skin, skull, and body, including left feet and organs, in fluid. Juvenile male. Collected 21 Sep

1991 by L. H. Emmons. Original number [SL: 673], not 763 as in original description.

Type Locality: About 1 km NE of Danum Valley Field Centre, by road, and about 500 m NW of road on a study plot trail, 4°58'N, 117°48'E, elevation about 150 m, approximately 75 km W Lahad Datu, State of Sabah, [Borneo], Malaysia.

### Genus *Praomys* Thomas, 1892

#### *Epimys taitae* Heller

Smithson. Misc. Collect. 59(16): 9, 5 Jul 1912.  
= *Praomys taitae* (Heller, 1912). See G. M. Allen and Lawrence (1936:95) for name combination and Carleton and Stanley (2012:444) for current use as a valid species.  
Holotype: USNM 181797. [Skin and skull]. Adult male. Collected 5 Nov 1911 by E. Heller. Original number 4611.  
Type Locality: [SL: Summit] Mount Mbololo, altitude 5,000 ft (1,524 m), Taita Mountains (Hills), [Coast Province], British East Africa (Kenya).

#### *Mus peromyscus* Heller

Smithson. Misc. Collect. 52: 472, 13 Nov 1909a.  
= *Praomys jacksoni* (de Winton, 1897). See G. M. Allen (1939:410).  
Holotype: USNM 161905. Skin and skull. Adult male. Collected 9 Jun 1909 by E. Heller. Original number 1011.  
Type Locality: Njoro O Nyiro, Sotik, [Rift Valley], British East Africa (Kenya).

#### *Mus tullbergi rostratus* Miller

Proc. Wash. Acad. Sci. 2: 637, 28 Dec 1900e.  
= *Praomys rostratus* (Miller, 1900). See Van der Straten and Verheyen (1981:263).  
Holotype: USNM 83836. Skin and skull. Adult male. Collected 7 May 1897 by [SL: R. P. Currie]. Original number 60.  
Type Locality: Mount Coffee, [Miller (1900e:631): altitude 400 ft–500 ft (122–152 m)], [Montserrado], Liberia.

### Genus *Rattus* G. Fischer, 1803

#### *Epimys basilanus* Hollister

Proc. U.S. Natl. Mus. 46: 322, 31 Dec 1913d.  
= *Rattus exulans* (Peale, 1848). See Ellerman (1949:65).  
Holotype: USNM 144635. Skin and skull. Adult male. Collected Feb 1906 by E. A. Mearns. Original number 6039.  
Type Locality: Basilan Island, [Basilan Province, Philippines].

#### *Epimys benguetensis* Hollister

Proc. U.S. Natl. Mus. 46: 323, 31 Dec 1913d.  
= *Rattus tanezumi* Temminck, 1844. See Musser and Carleton (1993:660).  
Lectotype: USNM 145790 as designated by Musser (1977b:6).  
Skin only. Adult female. Collected 1 May 1907 by E. A. Mearns. Original number 6405.



Type Locality: Camp John Hay, Baguio, altitude 5,000 ft (1,524 m), Benguet Province, Luzon, [SL: P. I. (Philippines)].  
 Remarks: Musser (1977b:6) pointed out that the skull with this number is a *Rattus nitidus* and designated the skin as the lectotype.

***Epimys calcis* Hollister**

Proc. Biol. Soc. Wash. 24: 89, 15 May 1911.  
 = *Rattus exulans* (Peale, 1848). See Ellerman (1949:65).  
 Holotype: USNM 145771. Skin and skull. Young adult male. Collected 8 May 1907 by E. A. Mearns. Original number 6412.  
 Type Locality: Baguio, Limestone Hills, near Lime Kiln, at 5,000 ft (1,524 m), Benguet Province, Luzon, P.I. (Philippines).

***Epimys coloratus* Hollister**

Proc. U.S. Natl. Mus. 46: 317, 31 Dec 1913d.  
 = *Rattus tanezumi* Temminck, 1844. See Musser and Carleton (1993:660).  
 Holotype: USNM 144571. Skin and skull. Adult female. Collected 21 Feb 1906 by E. A. Mearns. Original number 6044.  
 Type Locality: Musser's Plantation, 3 mi (5 km) [FC: 4 mi (6 km)] west of Isabela, [Basilan Province], Basilan Island, [Philippines].

***Epimys fulmineus* Miller**

Smithson. Misc. Collect. 61(21): 9, 29 Dec 1913d.  
 = *Rattus tiomanicus* (Miller, 1900). See Musser and Carleton (2005:1492).  
 Holotype: USNM 112349. Skin and skull. Adult female. Collected 27 May 1901 by W. L. Abbott. Original number 950.  
 Type Locality: St. (Santa) Barbe Island (Pulau Pejantan), South China Sea, [Kepulauan Riau, Indonesia].

***Epimys gala* Miller**

Proc. U.S. Natl. Mus. 38: 398, 19 Aug 1910b.  
 = *Rattus everetti* (Gunther, 1879). See Ellerman (1949:65).  
 Holotype: USNM 144633. Skin and skull. Adult male. Collected 30 Nov 1906 by E. A. Mearns. Original number 6334.  
 Type Locality: Alag River, [Mindoro Oriental Province], Mindoro, [SL: P. I. (Philippines)].

***Epimys leucophaeatus* Hollister**

Proc. U.S. Natl. Mus. 46: 320, 31 Dec 1913d.  
 = *Rattus exulans* (Peale, 1848). See Ellerman (1949:65).  
 Holotype: USNM 155144. Skin and skull. Adult female. Collected 27 May 1909 by D. B. Mackie. Original number 5.  
 Type Locality: [SL: Albay], Bagamanoc, [Catanduanes Province], Catanduanes Island, [Philippines].

***Epimys maerens* Miller**

Proc. Biol. Soc. Wash. 24: 26, 24 Feb 1911c.  
 = *Rattus tiomanicus* (Miller, 1900). See Musser and Califa (1982:24).

Holotype: USNM 141193. [Skin and skull]. Adult female. Collected 11 Mar 1905 by W. L. Abbott. Original number 4062.  
 Type Locality: Mouth of Mojeia River, Nias Island, [Sumatera Utara]. Sumatra, [Indonesia].

***Epimys mara* Miller**

Smithson. Misc. Collect. 61(21): 10, 29 Dec 1913d.  
 = *Rattus tiomanicus* (Miller, 1900). See Musser and Califa (1982:15).  
 Holotype: USNM 196751. Skin and skull. Adult female. Collected 28 Aug 1912 by H. C. Raven. Original number 187.  
 Type Locality: Maratua Island (Pulau Maratua), [Kalimantan Timur], Dutch Southeast Borneo (Kalimantan), [Indonesia].

***Epimys mayonicus* Hollister**

Proc. U.S. Natl. Mus. 46: 319, 31 Dec 1913d.  
 = *Rattus exulans* (Peale, 1848). See Ellerman (1949:65).  
 Holotype: USNM 144600. Skin and skull. Adult male. Collected 5 Jun 1907 by E. A. Mearns. Original number 6438.  
 Type Locality: Mount Mayon, altitude 4,000 ft (1,219 m), Albay Province, Luzon, [Philippines].

***Epimys neglectus ducis* Lyon**

Proc. U.S. Natl. Mus. 40: 99, 25 Apr 1911.  
 = *Rattus tiomanicus* (Miller, 1900). See Medway (1965:121).  
 Holotype: USNM 145511. Skin and skull. Adult male. Collected 4 May 1907 by W. L. Abbott. Original number 5174.  
 Type Locality: Pulo (Pulau) Datu, [Kalimantan Barat], off west coast of Borneo (Kalimantan), [Indonesia].

***Epimys neglectus lamucotanus* Lyon**

Proc. U.S. Natl. Mus. 40: 100, 25 Apr 1911.  
 = *Rattus tiomanicus* (Miller, 1900). See Medway (1965:122).  
 Holotype: USNM 145497. Skin and skull. Adult female. Collected 10 May 1907 by W. L. Abbott. Original number 5224.  
 Type Locality: Pulo Lamukotan (Pulau Lemukutan), [Kalimantan Barat], off west coast of Borneo (Kalimantan), [Indonesia].

***Epimys norvegicus socer* Miller**

Proc. Biol. Soc. Wash. 27: 90, 11 May 1914.  
 = *Rattus norvegicus* (Berkenhout, 1769). See G. M. Allen (1926:8).  
 Holotype: USNM 144020. Skin and skull. Adult male. Collected 30 Jan 1905 by W. W. Simpson. Original number 5.  
 Type Locality: Taocheo (Lintan), Kansu (Gansu), China.

***Epimys ornatulus* Hollister**

Proc. U.S. Natl. Mus. 46: 322, 31 Dec 1913d.  
 = *Rattus exulans* (Peale, 1848). See Ellerman (1949:65).  
 Holotype: USNM 239245. Skin and skull. Adult female. Collected 8 Feb 1903 by R. C. McGregor and A. Celestino. Original number Philippine Bureau of Science 37.  
 Type Locality: Cagayancillo, Cagayan Island, [Palawan Province, Philippines].

Remarks: Published as Philippine Bureau of Science 37; cataloged as USNM 239245 on 12 Feb 1923.

*Epimys pannellus* Miller

Smithson. Misc. Collect. 61(21): 8, 29 Dec 1913d.  
= *Rattus tanezumi* Temminck, 1844. See Musser and Carleton (1993:660).  
Holotype: USNM 104121. Skin and skull. Adult male. Collected 19 Dec 1899 by W. L. Abbott. Original number 175.  
Type Locality: Pulo Rawi (Ko Ra Wi), Butang Islands (Batong Group), [Satun, Thailand].

*Epimys querceti* Hollister

Proc. Biol. Soc. Wash. 24: 90, 15 May 1911.  
= *Rattus exulans* (Peale, 1848). See Ellerman (1949:65).  
Holotype: USNM 145833. Skin and skull. Adult male. Collected 1 Aug 1907 by E. A. Mearns. Original number 6491.  
Type Locality: Haight-in-the-Oaks, altitude 7,000 ft (2,134 m), Benguet Province, P. I. (Philippines).

*Epimys rattus dentatus* Miller

Smithson. Misc. Collect. 61(21): 14, 29 Dec 1913d.  
= *Rattus tanezumi* Temminck, 1844. See Musser and Carleton (1993:660).  
Holotype: USNM 111929. Skin and skull. Adult male. Collected 13 Dec 1900 by W. L. Abbott. Original number 783.  
Type Locality: Hastings Island, Mergui Archipelago, [Tanintharyi, Burma].

*Epimys rattus exsul* Miller

Smithson. Misc. Collect. 61(21): 15, 29 Dec 1913d.  
= *Rattus tanezumi* Temminck, 1844. See Musser and Carleton (1993:660).  
Holotype: USNM 124046. Skin and skull. Adult male. Collected 31 Dec 1903 by W. L. Abbott. Original number 2958.  
Type Locality: James Island (Pulo Buda), Mergui Archipelago, [Tanintharyi, Burma].

*Epimys rattus fortunatus* Miller

Smithson. Misc. Collect. 61(21): 15, 29 Dec 1913d.  
= *Rattus tanezumi* Temminck, 1844. See Musser and Carleton (1993:660).  
Holotype: USNM 104148. Skin and skull. Adult male. Collected 29 Dec 1899 by W. L. Abbott. Original number 191.  
Type Locality: Chance Island, Mergui Archipelago, [Tanintharyi, Burma].

*Epimys rattus insulanus* Miller

Smithson. Misc. Collect. 61(21): 14, 29 Dec 1913d.  
= *Rattus tanezumi* Temminck, 1844. See Musser and Carleton (1993:660).  
Holotype: USNM 104147. Skin and skull. Adult male. Collected 7 Mar 1900 by W. L. Abbott. Original number 334.  
Type Locality: Helfer (Hel-fer) Island, Mergui Archipelago, [Tanintharyi, Burma].

*Epimys rattus pauper* Miller

Smithson. Misc. Collect. 61(21): 13, 29 Dec 1913d.  
= *Rattus tiomanicus* (Miller, 1900). See Musser and Califfa (1982:24).  
Holotype: USNM 104828. Skin and skull. Adult male. Collected 4 Jun 1900 by W. L. Abbott. Original number 433.  
Type Locality: Sirhassen Island (Pulau Serasan), South Natuna Islands (Kepulauan Natuna Selatan), [Kepulauan Riau, Indonesia].

*Epimys rattus shigarus* Miller

Proc. Biol. Soc. Wash. 26: 198, 23 Oct 1913a.  
= *Rattus pyctoris* (Hodgson, 1845). See Musser and Carleton (2005:1482).  
Holotype: USNM 176132. Skin and skull. Adult male. Collected 4 Oct 1912 by [SL: W. L. Abbott]. Original number 8010.  
Type Locality: [FC: Mango, on a hillside about 1,300 ft (396 m) above bottom], Shigar Valley, altitude 9,000 ft (2,743 m), Baltistan (Gilgit-Baltistan), [Northern Areas, Pakistan].

*Epimys rattus turbidus* Miller

Smithson. Misc. Collect. 61(21): 12, 29 Dec 1913d.  
= *Rattus tanezumi* Temminck, 1844. See Musser and Carleton (1993:660).  
Holotype: USNM 196746. Skin and skull. Young adult female. Collected 21 Jun 1912 by H. C. Raven. Original number 81.  
Type Locality: Tanggarung (Tenggarong), south bank of Mahakam River (Sungai Mahakam), [Kalimantan Timur], Dutch Southeast Borneo (Kalimantan), [Indonesia].

*Epimys rattus viclana* Miller

Smithson. Misc. Collect. 61(21): 13, 29 Dec 1913d.  
= *Rattus tiomanicus* (Miller, 1900). See Musser and Califfa (1982:24).  
Holotype: USNM 123861. Skin and skull. Adult female, not male as given in original description. Collected 3 Nov 1903 by W. L. Abbott. Original number 2800.  
Type Locality: Pulo Lankawi (Pulau Langkawi), off west coast of Malay Peninsula, [Kedah, Malaysia].

*Epimys roa* Miller

Smithson. Misc. Collect. 61(21): 10, 29 Dec 1913d.  
= *Rattus tiomanicus* (Miller, 1900). See Musser and Califfa (1982:24).  
Holotype: USNM 112444. Skin and skull. Adult female. Collected 8 Jun 1901 by W. L. Abbott. Original number 1025.  
Type Locality: Pulo Aor (Pulau Aur), off east coast of Johore (Johor), [Malaysia].

*Epimys robiginosus* Hollister

Proc. U.S. Natl. Mus. 46: 318, 31 Dec 1913d.  
= *Rattus tanezumi* Temminck, 1844. See Musser and Carleton (1993:660).  
Holotype: USNM 239426. Skin and skull. Adult male. Collected 7 Feb 1903 by R. C. McGregor and A. Celestino. Original number Philippine Bureau of Science 33.  
Type Locality: Cagayancillo, Cagayan Island, [Palawan Province, Philippines].

Remarks: Published as Philippine Bureau of Science 33; cataloged as USNM 239426 on 12 Feb 1923.

***Epimys tingius* Miller**

Smithson. Misc. Collect. 61(21): 9, 29 Dec 1913d.  
= *Rattus tiomanicus* (Miller, 1900). See Musser and Califa (1982:24).  
Holotype: USNM 112723. Skin and skull. Adult male. Collected 5 Aug 1901 by W. L. Abbott. Original number 1201.  
Type Locality: Pulo (Pulau) Tinggi, off east coast of Johore (Johor), [Malaysia].

***Epimys tua* Miller**

Smithson. Misc. Collect. 61(21): 12, 29 Dec 1913d.  
= *Rattus tiomanicus* (Miller, 1900). See Musser and Califa (1982:15).  
Holotype: USNM 196752. Skin and skull. Adult female. Collected 28 Aug 1912 by H. C. Raven. Original number 188.  
Type Locality: Maratua Island (Pulau Maratua), [Kalimantan Timur], Dutch Southeast Borneo (Kalimantan), [Indonesia].

***Epimys tyrannus* Miller**

Proc. U.S. Natl. Mus. 38: 397, 19 Aug 1910b.  
= *Rattus everetti* (Gunther, 1879). See Musser and Carleton (1993:651).  
Holotype: USNM 239247. Skin and skull. Adult male. Collected 15 May 1902 by R. C. McGregor and A. Celestino. Original number Philippine Bureau of Science 8.  
Type Locality: Ticao [Island, Masbate Province, Philippines].  
Remarks: Published as Philippine Bureau of Science 8; cataloged as USNM 239247 on 12 Feb 1923.

***Epimys vigoratus* Hollister**

Proc. U.S. Natl. Mus. 46: 321, 31 Dec 1913d.  
= *Rattus exulans* (Peale, 1848). See Ellerman (1949:65).  
Holotype: USNM 144637. Skin and skull. Adult male. Collected 15 Nov 1906 by E. A. Mearns. Original number 6306.  
Type Locality: Mount Halcon, spur of main ridge at 4,500 ft (1,372 m), Mindoro, [Oriental Mindoro Province, Philippines].

***Limnomys picinus* Hollister**

Proc. U.S. Natl. Mus. 46: 325, 31 Dec 1913d.  
= *Rattus mindorensis* (Thomas, 1898). See Musser (1977a:9).  
Lectotype: USNM 144605, as selected by Musser (1977a:9).  
Skin only. Adult female. Collected 16 Nov 1906 by E. A. Mearns. Original number 6311.  
Type Locality: Spur of main ridge of Mount Halcon, altitude 4,500 ft (1,372 m), Mindoro, [Oriental Mindoro Province, Philippines].  
Remarks: According to Musser (1977a:9), the skull originally associated with Hollister's type specimen is a *Limnomys mearnsi* and belongs to USNM 144620. Musser (1977a:9) selected the skin to be the lectotype.

***Mus albigularis* Mearns**

Proc. U.S. Natl. Mus. 28: 440, 13 May 1905.  
= *Rattus everetti* (Gunther, 1879). See Ellerman (1949:65).

Holotype: USNM 125258. Skin and skull. Adult male. Collected 3 Jul 1904 by E. A. Mearns. Original number 5699.  
Type Locality: Mount Apo, 7,600 ft (2,317 m), southern Mindanao, Philippine Islands (Philippines).

***Mus atratus* Miller**

Proc. U.S. Natl. Mus. 24: 767, 29 May 1902b.  
Primary junior homonym of *Mus atratus* Philippi, 1900. Renamed *Mus atridorsum* by Miller (1903d:50).  
= *Rattus rattus* (Linnaeus, 1758). See Musser and Newcomb (1983:481).  
Holotype: USNM 111868. Skin and skull. Adult female. Collected 7 Jan 1901 by W. L. Abbott. Original number 818.  
Type Locality: Barren Island, Andamans [Andaman and Nicobar Islands, India].

***Mus bullatus* Lyon**

Proc. U.S. Natl. Mus. 34: 646, 14 Sep 1908.  
= *Rattus annandalei* (Bonhote, 1903). See Chasen (1940:161).  
Holotype: USNM 143447. Skin and skull. Adult male. Collected 16 Mar 1906 by W. L. Abbott. Original number 4723.  
Type Locality: Pulo (Pulau) Rupal, off east coast of Sumatra, [Riau, Indonesia].

***Mus burrescens* Miller**

Proc. U.S. Natl. Mus. 24: 771, 29 May 1902b.  
= *Rattus burrus* (Miller, 1902). See Musser and Heaney (1985:21).  
Holotype: USNM 111789. Skin and skull. Adult female. Collected 12 Mar 1901 by W. L. Abbott. Original number 926.  
Type Locality: Great Nicobar Island, [Andaman and Nicobar Islands, India].

***Mus burrus* Miller**

Proc. U.S. Natl. Mus. 24: 770, 29 May 1902b.  
= *Rattus andamanensis* (Blyth, 1860). See Musser and Carleton (2005:1464).  
Holotype: USNM 111817. Skin and skull. Adult male. Collected 25 Jan 1901 by W. L. Abbott. Original number 865.  
Type Locality: Car Nicobar, [Andaman and Nicobar Islands, India].

***Mus burrus* Miller**

Proc. U.S. Natl. Mus. 24: 768, 29 May 1902b.  
= *Rattus burrus* (Miller, 1902). See Hayman and Holt (1941:184).  
Holotype: USNM 111811. Skin and skull. Adult female. Collected 5 Feb 1901 by W. L. Abbott. Original number 881.  
Type Locality: Trinkut (Trinkat) Island, Nicobars [Andaman and Nicobar Islands, India].

***Mus buruensis* J. A. Allen**

Bull. Am. Mus. Nat. Hist. 30: 336, 21 Dec 1911.  
= *Rattus exulans* (Peale, 1848). See Ellerman (1949:64).  
Holotype: USNM 175900. [Skin and skull]. Adult male. Collected 11 Dec 1909 by R. C. Andrews. Original number [SL: 24]. AMNH number 31296.

Type Locality: Bouru Island, (Pulau Buru), Molucca Islands, [SL: Dutch East Indies], [Maluku, Indonesia].  
 Remarks: Published as AMNH 31296; cataloged as USNM 175900 on 13 Mar 1913.

***Mus clabatus* Lyon**

Proc. U.S. Natl. Mus. 31: 596, 18 Dec 1906.  
 = *Rattus exulans* (Peale, 1848). See Ellerman (1949:64).  
 Holotype: USNM 124888. Skin and skull. Old adult female. Collected 25 Jun 1904 by W. L. Abbott. Original number 3439.  
 Type Locality: Klabat Bay (Teluk Klabat), island of Banka (Pulau Bangka), east of Sumatra, [Kepulauan Bangka Belitung, Indonesia].

***Mus enganus* Miller**

Proc. U.S. Natl. Mus. 30: 821, 4 Jun 1906b.  
 = *Rattus enganus* (Miller, 1906). See Lyon (1916a:460).  
 Holotype: USNM 140976. Skin and skull. Adult male. Collected 4 Dec 1904 by W. L. Abbott. Original number 3823.  
 Type Locality: Engano Island (Pulau Enggano), [Bengkulu, Sumatra, Indonesia].

***Mus exulans* Peale**

U.S. Explor. Exped. 8: 47, 1848.  
 = *Rattus exulans* (Peale, 1848). See Tate (1935:146).  
 Lectotype: USNM 3730, as designated by Lyon and Osgood (1909:148). Mounted skin. Age and sex unknown. Collected on unknown date by the U.S. Exploring Expedition, 1838–1842. Cataloged 20 Dec 1859. No original number.  
 Type Locality: Tahiti, [MC: Society Islands].  
 Remarks: Type not designated by number in original description, which mentioned specimens from several islands. This specimen was mounted on a stand, the bottom of which bears the following information: “3730 *Mus exulans*, Peale (Type) (*Mus penicillatus*, Gould) Tahiti Rat Society Ids. T. R. Peale.” Lyon and Osgood (1909:148) considered this specimen to be the “type,” an identification that effectively served to designate the lectotype (ICZN, 1999: Article 74.5). Poole and Schantz (1942:462) confirmed the designation of USNM 3730 as the lectotype.

***Mus flebilis* Miller**

Proc. U.S. Natl. Mus. 24: 762, 29 May 1902b.  
 = *Rattus andamanensis* (Blyth, 1860). See Musser and Carleton (2005:1464).  
 Holotype: USNM 111841. Skin and skull. Adult female. Collected 10 Jan 1901 by W. L. Abbott. Original number 827.  
 Type Locality: Henry Lawrence Island, Andamans [Andaman and Nicobar Islands, India].

***Mus julianus* Miller**

Smithson. Misc. Collect. 45: 34, 6 Nov 1903b.  
 = *Rattus tiomanicus* (Miller, 1900). See Musser and Calafia (1982:24).

Holotype: USNM 112393. Skin and skull. Adult female. Collected 2 Jun 1901 by W. L. Abbott. Original number 987.  
 Type Locality: St. Julian Island (Kemudi), South China Sea, [Kepulauan Riau, Indonesia].

***Mus kelleri* Mearns**

Proc. U.S. Natl. Mus. 28: 444, 13 May 1905.  
 = *Rattus tanezumi* Temminck, 1844. See Musser and Carleton (1993:660).  
 Holotype: USNM 125278. Skin and skull. Adult female. Collected 20 Jul 1904 by E. A. Mearns. Original number 5738.  
 Type Locality: [SL: Commissary building at] Davao, [Davao City Province], southern Mindanao, Philippine Islands (Philippines).

***Mus lugens* Miller**

Smithson. Misc. Collect. 45: 33, 6 Nov 1903b.  
 = *Rattus lugens* (Miller, 1903). See Musser and Heaney (1985:21).  
 Holotype: USNM 121533. Skin and skull. Adult female. Collected 15 Nov 1902 by W. L. Abbott. Original number 2046.  
 Type Locality: North Pagi Island (Pulau Pagai Utara), [Sumatera Barat], Sumatra, [Indonesia].

***Mus magnirostris* Mearns**

Proc. U.S. Natl. Mus. 28: 441, 13 May 1905.  
 = *Rattus norvegicus* (Berkenhout, 1769). See Musser (1977b:12).  
 Holotype: USNM 125212. Skin and skull. Adult female. Collected 15 Jan 1904 by E. A. Mearns. Original number 5639.  
 Type Locality: Old Spanish hospital, Zamboanga, [Zamboanga Province], western Mindanao, Philippine Islands (Philippines).

***Mus mindanensis* Mearns**

Proc. U.S. Natl. Mus. 28: 442, 13 May 1905.  
 = *Rattus tanezumi* Temminck, 1844. See Musser and Carleton (1993:660).  
 Holotype: USNM 125274. Skin and skull. Adult male. Collected 9 Jul 1904 by E. A. Mearns. Original number 5719.  
 Type Locality: Todaya, altitude 4,000 ft (1,219 m), Mount Apo, [Davao del Sur Province], southern Mindanao, [FC: Philippine Islands (Philippines)].

***Mus obscurus* Miller**

Proc. Wash. Acad. Sci. 2: 213, 20 Aug 1900f.  
 Primary junior homonym of *Mus obscurus* Waterhouse, 1837. Renamed *Mus pullus* by Miller (1901a:178).  
 = *Rattus exulans* (Peale, 1848). See Ellerman (1949:64).  
 Holotype: USNM 101764. Skin and skull. Adult male. Collected 1 Oct 1899 by [MC: W. L. Abbott]. No original number.  
 Type Locality: Tioman Island (Pulau Tioman), [Pahang, Malaysia].

***Mus pannosus* Miller**

Proc. Biol. Soc. Wash. 13: 190, 21 Dec 1900g.  
 = *Rattus tanezumi* Temminck, 1844. See Musser and Carleton (1993:660).

Holotype: USNM 104110. [Skin and skull]. Adult male. Collected 14 Dec 1899 by [MC: W. L. Abbott]. Original number 146.

Type Locality: Pulo (Ko) Adang, Butang Islands (Batong Group), [Satun, Thailand].

***Mus pantarensis* Mearns**

Proc. U.S. Natl. Mus. 28: 448, 13 May 1905.

= *Rattus exulans* (Peale, 1848). See Ellerman (1949:65).

Holotype: USNM 123294. Skin and skull. Adult female. Collected 4 Sep 1903 by E. A. Mearns. Original number 5622.

Type Locality: Pantar, altitude 1,907 ft (581 m), Mindanao, Philippine Islands (Philippines).

***Mus pulliventer* Miller**

Proc. U.S. Natl. Mus. 24: 765, 29 May 1902b.

= *Rattus tanezumi* Temminck, 1844. See Musser and Carleton (1993:660).

Holotype: USNM 111790. Skin and skull. Adult female. Collected 12 Mar 1901 by W. L. Abbott. Original number 927.

Type Locality: Great Nicobar Island, Nicobars [Andaman and Nicobar Islands, India].

***Mus siantanicus* Miller**

Proc. Wash. Acad. Sci. 2: 210, 20 Aug 1900f.

= *Rattus tiomanicus* (Miller, 1900). See Musser and Califfa (1982:24).

Holotype: USNM 101705. Skin and skull. Adult male. Collected 11 Sep 1899 by [MC: W. L. Abbott]. No original number.

Type Locality: Pulo (Pulau) Siantan, Anamba Islands (Kepulauan Anambas), [Kepulauan Riau, Indonesia].

***Mus simalurensis* Miller**

Proc. U.S. Natl. Mus. 26: 458, 3 Feb 1903c.

= *Rattus simalurensis* (Miller, 1903). See Hayman and Holt (1941:181).

Holotype: USNM 114216. Skin and skull. Adult female. Collected 14 Dec 1901 by W. L. Abbott. Original number 1372.

Type Locality: Simalur Island (Pulau Simeulue), [Aceh, Sumatra, Indonesia].

***Mus stoicus* Miller**

Proc. U.S. Natl. Mus. 24: 759, 29 May 1902b.

= *Rattus stoicus* (Miller, 1902). See Poole and Schantz (1942:481).

Holotype: USNM 111834. Skin and skull. Adult male. Collected 9 Jan 1901 by W. L. Abbott. Original number 820.

Type Locality: Henry Lawrence Island, Andamans [Andaman and Nicobar Islands, India].

***Mus surdus* Miller**

Proc. U.S. Natl. Mus. 26: 460, 3 Feb 1903c.

= *Rattus exulans* (Peale, 1848). See Ellerman (1949:64).

Holotype: USNM 114184. Skin and skull. Adult male. Collected 11 Dec 1901 by W. L. Abbott. Original number 1359.

Type Locality: Simalur Island (Pulau Simeulue), [Aceh, Sumatra, Indonesia].

***Mus taciturnus* Miller**

Proc. U.S. Natl. Mus. 24: 762, 29 May 1902b.

= *Rattus stoicus* (Miller, 1902). See Musser and Newcomb (1983:481).

Holotype: USNM 111828. Skin and skull. Adult male. Collected 16 Jan 1901 by W. L. Abbott. Original number 854.

Type Locality: [FC: MacPherson Strait], South Andaman Island, Andamans [Andaman and Nicobar Islands, India].

***Mus tagulayensis* Mearns**

Proc. U.S. Natl. Mus. 28: 439, 13 May 1905.

= *Rattus everetti* (Gunther, 1879). See Ellerman (1949:65).

Holotype: USNM 125264. Skin and skull. Adult male. Collected 15 Jul 1904 by E. A. Mearns. Original number 5732.

Type Locality: At sea level at Tagulaya, on the Gulf of Davao, foot of Mount Apo, [Davao del Sur Province], southern Mindanao, Philippine Islands (Philippines).

***Mus tambelanicus* Miller**

Proc. Wash. Acad. Sci. 2: 212, 20 Aug 1900f.

= *Rattus tiomanicus* (Miller, 1900). See Musser and Califfa (1982:24).

Holotype: USNM 101665. Skin and skull. Adult male. Collected 10 Aug 1899 by [MC: W. L. Abbott]. No original number.

Type Locality: Big Tambelan Island (Pulau Tambelan Besar), [Kepulauan Tambelan, Kepulauan Riau, Indonesia].

***Mus tiomanicus* Miller**

Proc. Wash. Acad. Sci. 2: 209, 20 Aug 1900f.

= *Rattus tiomanicus* (Miller, 1900). See Medway (1965:118).

Holotype: USNM 101763. Skin and skull. Adult male. Collected 4 Oct 1899 by [MC: W. L. Abbott]. No original number.

Type Locality: Tioman Island (Pulau Tioman), [MC: off Malay Peninsula], [Pahang, Malaysia].

***Mus todayensis* Mearns**

Proc. U.S. Natl. Mus. 28: 445, 13 May 1905.

= *Rattus exulans* (Peale, 1848). See Ellerman (1949:64).

Holotype: USNM 125224. Skin and skull. Adult female. Collected 11 Jul 1904 by E. A. Mearns. Original number 5722.

Type Locality: Todaya, altitude 4,000 ft (1,219 m), on Mount Apo, [Davao del Sur Province], southern Mindanao, Philippine Islands (Philippines).

***Mus vitiensis* Peale**

U.S. Explor. Exped. 8: 49, 1848.

= *Rattus exulans* (Peale, 1848). See Tate (1935:146).

Holotype: USNM 3731. Skin only. Sex and age not given. Collected on unknown date by U.S. Exploring Expedition, 1838–1842. Cataloged 20 Dec 1859. No original number.

Type Locality: Feejee (Fiji) Islands.

Remarks: Type not designated by number in original description, which referenced only a single specimen. USNM 3731 is the only specimen collected by the Exploring Expedition from Fiji and becomes the holotype as fixed by monotypy (ICZN, 1999: Article 73.1.2). The specimen was reported as missing by Lyon and Osgood (1909:289). Poole and Schantz (1942:486) reported that the specimen was originally mounted and on display prior to Jun 1910 when it was made into a study skin.

***Mus vulcani* Mearns**

Proc. U.S. Natl. Mus. 28: 446, 13 May 1905.  
= *Rattus exulans* (Peale, 1848). See Ellerman (1949:64).  
Holotype: USNM 125216. Skin and skull. Adult female. Collected 26 Jun 1904 by E. A. Mearns. Original number 5674.  
Type Locality: Mount Apo, 7,600 ft (2,317 m), southern Mindanao, Philippine Islands (Philippines).

***Mus vulcani apicis* Mearns**

Proc. U.S. Natl. Mus. 28: 447, 13 May 1905.  
= *Rattus exulans* (Peale, 1848). See Ellerman (1949:64).  
Holotype: USNM 125229. Skin, skull, [and carcass in alcohol]. Adult female. Collected 6 Jun 1904 by E. A. Mearns. Original number 5709.  
Type Locality: [SL: West peak], summit of Mount Apo, altitude 9,700 ft (2,957 m), southern Mindanao, Philippine Islands (Philippines).

***Mus zamboangae* Mearns**

Proc. U.S. Natl. Mus. 28: 443, 13 May 1905.  
= *Rattus tanezumi* Temminck, 1844. See Musser and Carleton (1993:660).  
Holotype: USNM 125279. Skin and skull. Adult male. Collected 20 Jan 1904 by E. A. Mearns. Original number 5753.  
Type Locality: Zamboanga, [Zamboanga Province], western Mindanao, Philippine Islands (Philippines).

***Rattus concolor solatus* Kellogg**

Proc. Biol. Soc. Wash. 58: 65, 7 May 1945c.  
= *Rattus exulans* (Peale, 1848). See Laurie and Hill (1954:106).  
Holotype: USNM 277317. Skin and skull. Adult male. Collected 23 Oct 1944 by J. F. C. [SL: Cassel] and R. M. R. [SL: Roecker]. Original number 4.  
Type Locality: [MC: 1 mi (1.6 km) N of Wama], Morotai Island (Palau Morotai), Gilolo Group, Moluccas (Maluku Utara), Netherlands East Indies (Indonesia).

***Rattus facetus* Miller and Hollister**

Proc. Biol. Soc. Wash. 34: 96, 30 Jun 1921b.  
= *Rattus marmosurus* Thomas, 1921. See Musser (1973:24).  
Holotype: USNM 218677. Skin and skull. Adult female. Collected 15 Jan 1917 by H. C. Raven. Original number 3082.  
Type Locality: [FC: Sungai Soepoi], Goenoeng Lechio, southwest of Lake Lindoe (Rano Lindu), altitude 6,000 ft (1,829 m)

[FC: between 6,000–7,166 ft (1,829–2,184m)], Middle Celebes (Sulawesi), [Sulawesi Tengah, Indonesia].

***Rattus hoffmanni linduensis* Miller and Hollister**

Proc. Biol. Soc. Wash. 34: 70, 31 Mar 1921a.  
= *Rattus hoffmanni* (Matschie, 1901).  
Holotype: USNM 218700. Skin and skull. Adult female. Collected 28 Mar 1917 by H. C. Raven. Original number 3141.  
Type Locality: Tomado, Lake Lindoe (Rano Lindu), Middle Celebes (Sulawesi), [Sulawesi Tengah, Indonesia].

***Rattus hoffmanni subditivus* Miller and Hollister**

Proc. Biol. Soc. Wash. 34: 70, 31 Mar 1921a.  
= *Rattus nitidus* (Hodgson, 1845). See Musser (1971b:4).  
Holotype: USNM 219691. Skin and skull. Adult female. Collected 18 Sep 1917 by H. C. Raven. Original number 3270.  
Type Locality: Toware, Bada, Middle Celebes (Sulawesi), [Indonesia].

***Rattus humiliatus insolatus* A. B. Howell**

Proc. Biol. Soc. Wash. 40: 44, 5 Mar 1927b.  
= *Rattus norvegicus* (Berkenhout, 1769). See Musser and Newcomb (1985:16).  
Holotype: USNM 172569. Skin and skull. Adult female. Collected 12 Jan 1909 by A. de C. Sowerby. Original number 413.  
Type Locality: 12 mi (19 km) south of Yenanfu (Yah'an), altitude 4,000 ft (1,219 m), Shensi (Shaanxi), China.

***Rattus humiliatus sowerbyi* A. B. Howell**

Proc. Biol. Soc. Wash. 41: 42, 16 Mar 1928.  
= *Rattus norvegicus* (Berkenhout, 1769). See Ellerman (1951:589).  
Holotype: USNM 199620. Skin and skull. Young adult male. Collected 15 Oct 1914 by A. de C. Sowerby. Original number 735.  
Type Locality: Near Imienpo (Yimianpo), altitude 500 ft (152 m), north Kirin (Heilongjiang), Manchuria (China).

***Rattus mollicomus* Miller and Hollister**

Proc. Biol. Soc. Wash. 34: 71, 31 Mar 1921a.  
= *Rattus hoffmanni* (Matschie, 1901). See Musser (1971b:17).  
Holotype: USNM 217752. Skin and skull. Adult male. Collected 10 Apr 1916 by H. C. Raven. Original number 2433.  
Type Locality: Goenoeng Kalabat (Gunung Klabat), altitude 6,500 ft (1,981 m), [Sulawesi Utara], northeastern Celebes (Sulawesi), [Indonesia].

***Rattus morotaiensis* Kellogg**

Proc. Biol. Soc. Wash. 58: 66, 7 May 1945c.  
Holotype: USNM 277312. Skin and skull. Adult male. Collected 26 Oct 1944 by J. F. C. [SL: Cassel] and R. M. R. [SL: Roecker]. Original number 9.  
Type Locality: [MC: 1 mi (1.6 km) N of Wama], Morotai Island (Palau Morotai), Gilolo Group, Moluccas (Maluku Utara), Netherlands East Indies (Indonesia).

***Rattus palelae* Miller and Hollister**

Proc. Biol. Soc. Wash. 34: 69, 31 Mar 1921a.

= *Rattus tanezumi* Temminck, 1844. See Musser and Carleton (1993:660).

Holotype: USNM 200063. Skin and skull. Adult female. Collected 2 Aug 1914 by H. C. Raven. Original number 1619.

Type Locality: Pulo Paleleh (Pulau Panjang), [Sulawesi Tengah], north coast of Celebes (Sulawesi), [Indonesia].

***Rattus rattus ambersoni* Schwarz and Schwarz**

An. Esc. Nac. Cienc. Biol. Mex. 14: 130, 15 Mar 1967.

= *Rattus tiomanicus* (Miller, 1900). See Musser and Calafia (1982:25).

Holotype: USNM 197537. Skin and skull. Adult male. Collected 28 May 1913, not 26 May as in original description, by H., not R. as in original description, C. Raven. Original number 685.

Type Locality: Sangka Laki Island (Pulau Sanga Laki), Maratua Group, [Kalimantan Timur], east coast of Borneo (Kalimantan), [Indonesia].

***Rattus rattus exiguus* A. B. Howell**

Proc. Biol. Soc. Wash. 40: 43, 5 Mar 1927b.

= *Rattus losea* (Swinhoe, 1871). See G. M. Allen (1940:1005).

Holotype: USNM 238185. Skin and skull. Adult female. Collected 1 Dec 1921 by A. de C. Sowerby. Original number 1139.

Type Locality: 70 mi (113 km) southwest of Yenpingfu (Nanping), altitude 500 ft (152 m), Fukien (Fujian), China.

***Rattus rattus koratensis* Kloss**

J. Nat. Hist. Soc. Siam 3: 379, 31 Dec 1919.

= *Rattus andamanensis* (Blyth, 1860). See Musser and Carleton (2005:1464).

Holotype: USNM 221512. Skin and skull. Adult female. Collected 19 Oct 1916 by C. B. Kloss. Original number 2196.

Type Locality: Lat Bua Kao (Sathani Lat Bua Khao), [Nakhon Ratchasima], East Siam (Thailand).

Remarks: Published as CBK 2196; cataloged as USNM 221512 on 1 Jul 1920.

***Rattus rattus kramensis* Kloss**

J. Nat. Hist. Soc. Siam 3: 379, 31 Dec 1919.

= *Rattus tanezumi* Temminck, 1844. See Musser and Carleton (1993:660).

Holotype: USNM 221521. Skin and skull. Adult female. Collected 30 Oct 1916 by C. B. Kloss. Original number 2281.

Type Locality: Koh Kram (Ko Khram), Inner Gulf of Siam, [Chon Buri, Thailand].

Remarks: Published as CBK 2281; cataloged as USNM 221521 on 2 Jul 1920.

***Rattus rattus lanensis* Kloss**

J. Nat. Hist. Soc. Siam 3: 378, 31 Dec 1919.

= *Rattus tanezumi* Temminck, 1844. See Musser and Carleton (1993:660).

Holotype: USNM 221523. Skin and skull. Adult female. Collected 29 Oct 1916 by C. B. Kloss. Original number 2261.

Type Locality: Koh (Ko) Lan, Inner Gulf of Siam, [Chon Buri, Thailand].

Remarks: Published as CBK 2261; cataloged as USNM 221523 on 2 Jul 1920.

***Rattus rattus mansorius* Johnson**

Proc. Biol. Soc. Wash. 75: 317, 31 Dec 1962.

= *Rattus tanezumi* Temminck, 1844. See Musser and Carleton (1993:660).

Holotype: USNM 302027. Skin and skull. Adult female. Collected 1 Sep 1955 by W. B. Jackson. Original number 31.

Type Locality: Kolonia, [SL: across from "Circle"], Ponape [Island], Caroline Islands.

***Rattus rattus mesanis* Kloss**

J. Nat. Hist. Soc. Siam 3: 379, 31 Dec 1919.

= *Rattus tanezumi* Temminck, 1844. See Musser and Carleton (1993:660).

Holotype: USNM 221535. Skin and skull. Adult male. Collected 2 Nov 1916 by C. B. Kloss. Original number 2320.

Type Locality: Koh Mesan Island (Ko Samae San), near Cape Liant (Laem Samae San), [Chon Buri], S. E. Siam (Thailand).

Remarks: Published as CBK 2320; cataloged as USNM 221535 on 2 Jul 1920.

***Rattus rattus piperis* Schwarz and Schwarz**

An. Esc. Nac. Cienc. Biol. Mex. 14: 132, 15 Mar 1967.

= *Rattus tiomanicus* (Miller, 1900). See Musser and Calafia (1982:25).

Holotype: USNM 151961. Skin and skull. Adult female, not male as in original description. Collected 11 Dec 1907 by W. L. Abbott. Original number 5608.

Type Locality: Mata Siri Island (Pulau Matasiri), [Kalimantan Selatan], south of Borneo (Kalimantan), Java Sea, [Indonesia].

***Rattus rattus umbriventer* Kellogg**

Proc. Biol. Soc. Wash. 58: 121, 20 Sep 1945a.

= *Rattus argentiventer* (Robinson and Kloss, 1916). See Musser (1973:12).

Holotype: USNM 277675. Skin and skull. Adult male. Collected 31 May 1945 by A. L. Gordon. Original number 69.

Type Locality: 1 mi (1.6 km) SW Progreso, altitude about 20 ft (6 m), Mindoro Island, [Mindoro Occidental Province], Philippine Islands (Philippines).

***Rattus raveni* Miller and Hollister**

Proc. Biol. Soc. Wash. 34: 68, 31 Mar 1921a.

= *Rattus exulans* (Peale, 1848). See Ellerman (1949:64).

Holotype: USNM 199976. Skin and skull. Adult male. Collected 16 Dec 1914 by H. C. Raven. Original number 1963.

Type Locality: Toli Toli (Tolitoli), [Sulawesi Tengah], North Celebes (Sulawesi), [Indonesia].

***Rattus raveni eurous* Miller and Hollister**

Proc. Biol. Soc. Wash. 34: 69, 31 Mar 1921a.

= *Rattus exulans* (Peale, 1848). See Laurie and Hill (1954:106).

Holotype: USNM 199927. Skin and skull. Adult male. Collected 15 Oct 1914 by H. C. Raven. Original number 1724.

Type Locality: Molengkapoti, Kwandang, [Gorontalo], North Celebes (Sulawesi), [Indonesia].

***Rattus simalurensis babi* Lyon**

Proc. U.S. Natl. Mus. 52: 447, 30 Dec 1916a.

= *Rattus simalurensis* (Miller, 1903).

Holotype: USNM 114280. Skull only. Adult male. Collected 13 Jan 1902 by W. L. Abbott. No original number.

Type Locality: Pulo (Pulau) Babi, [MC: 17 mi (27 km) SE Simalur Island (Pulau Simeulue)], [Aceh, Sumatra, Indonesia].

***Rattus simalurensis lasiae* Lyon**

Proc. U.S. Natl. Mus. 52: 446, 30 Dec 1916a.

= *Rattus simalurensis* (Miller, 1903).

Holotype: USNM 114254. Skin and skull. Adult female. Collected 6 Jan 1902 by W. L. Abbott. Original number 1400.

Type Locality: Pulo (Pulau) Lasia, [FC: 14 mi (23 km) SE of Simalur Island (Pulau Simeulue)], [Aceh, Sumatra, Indonesia].

**Genus *Sundamys* Musser and Newcomb, 1983**

***Epimys borneanus* Miller**

Smithson. Misc. Collect. 61(21): 15, 29 Dec 1913d.

= *Sundamys muelleri* (Jentink, 1879). See Musser and Newcomb (1983:401).

Holotype: USNM 196749. Skin and skull. Adult female. Collected 12 Aug 1912 by H. C. Raven. Original number 157.

Type Locality: Telok Karang, Tigau (Teluk Karangtigau), [Kalimantan Timur], Dutch Southeast Borneo (Kalimantan), [Indonesia].

***Epimys crassus* Lyon**

Proc. U.S. Natl. Mus. 40: 103, 25 Apr 1911.

= *Sundamys muelleri* (Jentink, 1879). See Musser and Newcomb (1983:401).

Holotype: USNM 145471. Skin and skull. Adult male. Collected 8 May 1907 by W. L. Abbott. Original number 5190.

Type Locality: Pulo Lamukoton (Pulau Lemukutan), [Kalimantan Barat], off west coast of Borneo (Kalimantan), [Indonesia].

***Epimys pollens* Miller**

Smithson. Misc. Collect. 61(21): 17, 29 Dec 1913d.

= *Sundamys muelleri* (Jentink, 1879). See Musser and Newcomb (1983:401).

Holotype: USNM 124691. Skin and skull. Adult male. Collected 22 May 1904 by W. L. Abbott. Original number 3250.

Type Locality: Tanjong Rengsam, Banka (Pulau Bangka), [Kepulauan Bangka Belitung, Sumatra, Indonesia].

***Epimys potens* Miller**

Smithson. Misc. Collect. 61(21): 17, 29 Dec 1913d.

= *Sundamys muelleri* (Jentink, 1879). See Musser and Newcomb (1983:401).

Holotype: USNM 114384. Skin and skull. Adult female. Collected 5 Feb 1902 by W. L. Abbott. Original number 1516.

Type Locality: [FC: Ujong Tambaga, east side of] Pulo (Pulau) Tuangku, Banjak Islands (Kepulauan Banyak), [Aceh, Sumatra, Indonesia].

***Epimys sebucus* Lyon**

Proc. U.S. Natl. Mus. 40: 102, 25 Apr 1911.

= *Sundamys muelleri* (Jentink, 1879). See Musser and Newcomb (1983:401).

Holotype: USNM 151964. Skin and skull. Adult male. Collected 2 Jan 1908 by W. L. Abbott. Original number 5717.

Type Locality: [FC: North end of] Pulo (Pulau) Sebuku, [Kalimantan Selatan], off southeastern coast of Borneo (Kalimantan), [Indonesia].

***Epimys valens* Miller**

Smithson. Misc. Collect. 61(21): 17, 29 Dec 1913d.

= *Sundamys muelleri* (Jentink, 1879). See Musser and Newcomb (1983:401).

Holotype: USNM 114285. Skin and skull. Adult female. Collected 19 Jan 1902 by W. L. Abbott. Original number 1430.

Type Locality: Pulo (Pulau) Bangkaru, Banjak Islands (Kepulauan Banyak), [Aceh, Sumatra, Indonesia].

***Epimys victor* Miller**

Smithson. Misc. Collect. 61(21): 16, 29 Dec 1913d.

= *Sundamys muelleri* (Jentink, 1879). See Musser and Newcomb (1983:401).

Holotype: USNM 115422. Skin and skull. Adult female. Collected 25 May 1902 by W. L. Abbott. Original number 1706.

Type Locality: Near [FC: Palawan, about 35 mi (56 km) from] mouth of Rumpin River, Pahang, [Malaysia].

***Mus chombolis* Lyon**

Proc. U.S. Natl. Mus. 36: 484, 1 Jun 1909.

= *Sundamys muelleri* (Jentink, 1879). See Musser and Newcomb (1983:401).

Holotype: USNM 144393. Skin and skull. Adult female. Collected 10 Mar 1907 by W. L. Abbott. Original number 5100.

Type Locality: Pulo Jombol (Pulau Combol), Rhio Linga Archipelago (Kepulauan Riau), [Kepulauan Riau, Sumatra, Indonesia].

***Mus domitor* Miller**

Proc. U.S. Natl. Mus. 26: 461, 3 Feb 1903c.

= *Sundamys muelleri* (Jentink, 1879). See Musser and Newcomb (1983:401).



Holotype: USNM 114621. Skin and skull. Adult female. Collected 4 Mar 1902 by W. L. Abbott. Original number 1592. Type Locality: Pulo Mansalar (Pulau Musala), at entrance to Tapanuli Bay, [Sumatera Utara], Sumatra, [Indonesia].

***Mus firmus* Miller**

Proc. Acad. Nat. Sci. Phila. 54: 155, 11 Jun 1902a.  
= *Sundamys muelleri* (Jentink, 1879). See Musser and Newcomb (1983:401).

Holotype: USNM 113038. Skin and skull. Adult female. Collected 25 Aug 1901 by W. L. Abbott. Original number 1215. Type Locality: [FC: Mantuda Bay, W coast of] Linga Island (Pulau Lingga), [Kepulauan Lingga, Kepulauan Riau, Sumatra, Indonesia].

***Mus integer* Miller**

Proc. Wash. Acad. Sci. 3: 119, 26 Mar 1901b.  
= *Sundamys muelleri* (Jentink, 1879). See Musser and Newcomb (1983:401).

Holotype: USNM 104837. Skin and skull. Adult male. Collected 7 Jun 1900 by [SL: W. L. Abbott. Original number 455]. Type Locality: Sirhassen Island (Pulau Serasan), South Natunas (Kepulauan Natuna Selatan), [Kepulauan Riau, Indonesia].

***Mus validus* Miller**

Proc. Biol. Soc. Wash. 13: 141, 21 Apr 1900c.  
= *Sundamys muelleri* (Jentink, 1879). See Musser and Newcomb (1983:401).

Holotype: USNM 86741. Skin and skull. Adult male. Collected 18 Feb 1899 by [SL: W. L. Abbott]. No original number. Type Locality: [SL: Khaw Sai Dow (Khao Soi Dao)], altitude about 1,000 ft (305 m), mountains of Trong (Trang), Lower Siam (Thailand).

***Rattus balmasus* Lyon**

Proc. U.S. Natl. Mus. 52: 447, 30 Dec 1916a.  
= *Sundamys muelleri* (Jentink, 1879). See Musser and Newcomb (1983:401).

Holotype: USNM 121765. Skin and skull. Adult female. Collected 13 Feb 1903 by W. L. Abbott. Original number 2286.

Type Locality: Tana Bala (Palau Tanabala), Batu Islands (Kepulauan Batu), [Sumatera Utara, Sumatra, Indonesia].

***Rattus pinatus* Lyon**

Proc. U.S. Natl. Mus. 52: 448, 30 Dec 1916a.  
= *Sundamys muelleri* (Jentink, 1879). See Musser and Newcomb (1983:401).

Holotype: USNM 121778. Skin and skull. Adult male. Collected 4 Mar 1903 by W. L. Abbott. Original number 2367.

Type Locality: Pulo Pinie (Palau Pini), Batu Islands (Kepulauan Batu), [Sumatera Utara, Sumatra, Indonesia].

***Rattus virtus* Lyon**

Proc. Biol. Soc. Wash. 29: 210, 22 Sep 1916b.

= *Sundamys muelleri* (Jentink, 1879). See Musser and Newcomb (1983:401).

Holotype: USNM 144223. Skin and skull. Adult male. Collected 10 Dec 1906 by W. L. Abbott. Original number 4944.

Type Locality: Siak River (Sungai Siak), near mouth of Gasip River (Sungai Gasip), [Riau], eastern Sumatra, [Indonesia].

**Genus *Taeromys* Sody, 1941**

***Rattus hamatus* Miller and Hollister**

Proc. Biol. Soc. Wash. 34: 97, 30 Jun 1921b.  
= *Taeromys hamatus* (Miller and Hollister, 1921). See Musser and Newcomb (1983:487).

Holotype: USNM 218680. Skin and skull. Adult male. Collected 16 Jan 1917 by H. C. Raven. Original number 3095.

Type Locality: [FC: Sungai Saepoi], Goenoeng Lechio, [FC: altitude between 6,166 and 7,155 ft (1,879 and 2,184 m)], [Sulawesi Tengah], Middle Celebes (Sulawesi), [Indonesia].

***Rattus punicans* Miller and Hollister**

Proc. Biol. Soc. Wash. 34: 98, 30 Jun 1921b.  
= *Taeromys punicans* (Miller and Hollister, 1921). See Musser and Newcomb (1983:487).

Holotype: USNM 219625. Skin and skull. Adult female. Collected 7 Feb 1918 by H. C. Raven. Original number 3501.

Type Locality: Pinedapa, [Sulawesi Tengah], Middle Celebes (Sulawesi), [Indonesia].

**Genus *Tarsomys* Mearns, 1905**

***Tarsomys apoensis* Mearns**

Proc. U.S. Natl. Mus. 28: 453, 13 May 1905.  
Holotype: USNM 125280. In alcohol, skull removed. Adult male. Collected 5 Jul 1904 by E. A. Mearns. Original number 5706.

Type Locality: Mount Apo, altitude 6,700 ft (2,057 m), southern Mindanao, Philippine Islands (Philippines).

**Genus *Taterillus* Thomas, 1910**

***Taterillus arenarius* Robbins**

Proc. Biol. Soc. Wash. 87: 397, 31 Dec 1974.  
Holotype: USNM 401919. Skin, skull, [and cleared and stained baculum]. Adult male. Collected 9 Apr 1967 by C. B. Robbins. Original number 799.

Type Locality: Tiguent, [SL and FC: 17°16'N, 16°01'W], Trarza Region, Mauritania.

**Genus *Thallomys* Thomas, 1920**

***Thamnomys loringi* Heller**

Smithson. Misc. Collect. 52: 471, 13 Nov 1909a.  
= *Thallomys loringi* (Heller, 1909). See Thomas (1920b:141).  
Holotype: USNM 161904. Skin and skull. Adult female. Collected 17 Jul 1909 by J. A. Loring. Original number 6684.

Type Locality: Lake Naivasha, [Rift Valley], British East Africa (Kenya).

### Genus *Tokudaia* Kuroda, 1943

*Tokudamys osimensis muenninki* Johnson

Proc. Biol. Soc. Wash. 59: 170, 23 Dec 1946.

= *Tokudaia muenninki* (Johnson, 1946). See Musser and Carleton (1993:670).

Holotype: USNM 278757. Skin and skull. Adult female. Collected 24 Sep 1945 by D. H. Johnson and O. A. Muennink. Original number DHJ 479. [SL: NAMRU-2 No. 686].

Type Locality: Hentona, western coast of northern Okinawa Island, Riu Kiu (Ryukyu) Islands, [Okinawa, Japan].

### Genus *Tryphomys* Miller, 1910

*Tryphomys adustus* Miller

Proc. U.S. Natl. Mus. 38: 399, 19 Aug 1910b.

Holotype: USNM 151511. Skin and skull. Old female. Collected 26 Jul 1907 by E. A. Mearns. Original number 6457.

Type Locality: Hights-in-the-Oaks, [FC: 7,000 ft (2,134 m)], Benguet [SL: Province], Luzon [FC: Island], [SL: Philippine Islands (Philippines)].

### Genus *Uranomys* Dollman, 1909

*Uranomys ugandae* Heller

Smithson. Misc. Collect. 56(17): 12, 28 Feb 1911.

= *Uranomys ruddi* Dollman, 1909. See Misonne (1974:31).

Holotype: USNM 164822. [Skin and skull]. Adult male. Collected 2 Jan 1910 by J. A. Loring. Original number 8570.

Type Locality: Kikonda, [Kibale], Uganda.

### Genus *Zelotomys* Osgood, 1910

*Zelotomys hildegardae vinaceus* Heller

Smithson. Misc. Collect. 59(16): 10, 5 Jul 1912.

= *Zelotomys hildegardae* (Thomas, 1902).

Holotype: USNM 181798. [Skin and skull]. Adult female. Collected 4 Nov 1911 by E. Heller. Original number 4578.

Type Locality: [SL: Entonei], Ndi, Mount Mbololo, altitude 3,000 ft (914 m) [SL: 3,800 ft (1,158 m)], Taita Mountains (Hills), [Coast Province], British East Africa (Kenya).

## SUBORDER ANOMALUROMORPHA BUGGE, 1974

### FAMILY ANOMALURIDAE GERVAIS, 1849

#### Genus *Idiurus*, Matschie, 1894

*Idiurus macrotis* Miller

Proc. Biol. Soc. Wash. 12: 73, 24 Mar 1898c.

Holotype: USNM 83625. [Skin and skull]. Young adult male. Collected 18 Jun 1895 by G. L. Bates. Original number 4.

Type Locality: Efulen (Efulan), Cameroon District, [Sud], West Africa (Cameroon).

### FAMILY PEDETIDAE GRAY, 1825

#### Genus *Pedetes* Illiger, 1811

*Pedetes cafer dentatus* Miller

Proc. Biol. Soc. Wash. 40: 113, 26 Sep 1927a.

= *Pedetes surdaster* (Thomas, 1902). See Dieterlen (2005:1535).

Holotype: USNM 251879. Skin and skull. Adult male. Collected 8 Jul 1926 by A. Loveridge. No original number.

Type Locality: Near Dodoma, Tanganyika Territory, Africa (Tanzania).

*Pedetes surdaster currax* Hollister

Smithson. Misc. Collect. 68(10): 3, 16 Jan 1918.

= *Pedetes surdaster* (Thomas, 1902).

Holotype: USNM 181762. Skin and skull. Adult male. Collected 7 May 1911 by E. Heller. Original number 1802.

Type Locality: Kabalot Hill, Sotik, [Rift Valley], British East Africa (Kenya).

*Pedetes surdaster larvalis* Hollister

Smithson. Misc. Collect. 68(10): 2, 16 Jan 1918.

= *Pedetes surdaster* (Thomas, 1902).

Holotype: USNM 163304. Skin and skull. Adult female. Collected 21 Nov 1909 by J. A. Loring. Original number 8250.

Type Locality: Ulukenia Hills, Athi Plains, British East Africa (Kenya).

## SUBORDER HYSTRICOMORPHA BRANDT, 1855

### FAMILY BATHYERGIDAE WATERHOUSE, 1841

#### Genus *Heliophobius* Peters, 1846

*Georychus kapiti* Heller

Smithson. Misc. Collect. 52: 469, 24 Sep 1909b.

= *Heliophobius argenteocinereus kapiti* (Heller, 1909). See Hayman and Holt (1940:85).

Holotype: USNM 161708. [Skin and skull]. Adult female. Collected 3 May 1909 by J. A. Loring. Original number 6027.

Type Locality: Potha, Kapiti Plains, [Eastern Province], British East Africa (Kenya).

### FAMILY HYSTRICIDAE G. FISCHER, 1817

#### Genus *Atherurus* F. Cuvier, 1829

*Atherura zygomatica* Miller

Smithson. Misc. Collect. 45: 42, 6 Nov 1903b.

= *Atherurus macrourus* (Linnaeus, 1758). See Chasen (1940:189).

Holotype: USNM 112429. Skin and skull. Adult female. Collected 6 Jun 1909 by W. L. Abbott. Original number 1009.

Type Locality: Pulo Aor (Pulau Aur), off coast of Johore (Johor), [Malaysia].

*Atherurus terutaus* Lyon

Proc. U.S. Natl. Mus. 32: 587, 29 Jun 1907c.

= *Atherurus macrourus* (Linnaeus, 1758). See Chasen (1940:189).

Holotype: USNM 123971. Skin and skull. Adult male. Collected 10 Apr 1904 by W. L. Abbott. Original number 3223.

Type Locality: Pulo Terutau (Ko Tarutao), about 15 geographical miles (24 km) west of the Malay Peninsula, where the one hundredth meridian east of Greenwich cuts the west coast of the Malay Peninsula [Satun, Thailand].

**Genus *Hystrix* Linnaeus, 1758**

*Thecurus major* Schwarz

J. Mammal. 20: 246, 14 May 1939b.

= *Hystrix crassipinus* (Gunther, 1877). See Chasen (1940:188).

Holotype: USNM 196777. Skin and skull. Adult male. Collected 8 Jul 1912 by H. C. Raven. Original number 118.

Type Locality: Near Samarinda, left bank of lower Mahakam River, [Kalimantan Timur], East Borneo (Kalimantan), [Indonesia].

*Thecurus sumatrae* Lyon

Proc. U.S. Natl. Mus. 32: 583, 29 Jun 1907c.

= *Hystrix sumatrae* (Lyon, 1907). See Van Weers (1978:25).

Holotype: USNM 143432. Skin and skull. Adult male. Collected 17 Jan 1906 by W. L. Abbott. Original number 4637.

Type Locality: Aru Bay (Teluk Aru), [Sumatera Utara], east coast of Sumatra, [Indonesia].

**Genus *Trichys* Gunther, 1877**

*Trichys macrotis* Miller

Proc. U.S. Natl. Mus. 26: 469, 3 Feb 1903c.

= *Trichys fasciculata* (Shaw, 1801). See Van Weers (1976:19).

Holotype: USNM 144488. Skin and skull. Adult female. Collected 20 Feb 1902 by W. L. Abbott. Original number 1555.

Type Locality: Tapanuli Bay (Teluk Tapanuli), [Sumatera Utara], northwestern Sumatra, [Indonesia].

**FAMILY THRYONOMYIDAE POCOCK, 1922**

**Genus *Thryonomys* Fitzinger, 1867**

*Thryonomys gregorianus pusillus* Heller

Smithson. Misc. Collect. 59(16): 17, 5 Jul 1912.

= *Thryonomys gregorianus gregorianus* (Thomas, 1894). See Misonne (1974:7).

Holotype: USNM 181807. [Skin and skull]. Adult female. Collected 3 Nov 1911 by E. Heller. Original number 4566, not 4853 as given in original description.

Type Locality: Ndi, Mt. Mbololo, [Coast Province], British East Africa (Kenya).

**FAMILY ERETHIZONTIDAE BONAPARTE, 1845**

**Genus *Coendou* Lacepede, 1799**

*Coendou koopmani* Handley and Pine

Mammalia 56: 238, 8 Jul 1992.

= *Coendou nycthemera* (Olfers, 1818). See Woods and Kilpatrick (2005:1547).

Holotype: USNM 519689. Skin and skull. Adult, sex unknown. Collected 31 Oct 1975 by R. Lainson. Original number [SL: M3089].

Type Locality: Belem, Para, Brazil.

*Sphiggure spinosa* F. Cuvier

Mem. Mus. Hist. Nat. 9: 433, Nov 1823.

= *Coendou spinosus* (Cuvier, 1823). See Voss (2011:15) for current use of *Coendou* and specific validity of *spinosus*.

Neotype: USNM 115122, as selected by Voss (2011:28). Skin and skull. Young adult male. Collected 14 Oct [SL: 1901] by W. Foster. Original number [SL: 536].

Type Locality: Sapucay (Sapucai), 25°40'S, 57°38'W, Paraguari, Paraguay.

**Genus *Erethizon* F. Cuvier, 1823**

*Erethizon epixanthum doani* H. H. Bailey

Bailey Mus. Libr. Nat. Hist. Bull. 12: 1, 15 Jan 1937.

= *Erethizon dorsatum dorsatum* (Linnaeus, 1758). See Hall (1981:851).

Holotype: USNM 347446. Skin and skull. Adult female. Collected 11 Apr 1935 by E. Doane. Original number [SL: 24]. Bailey Collection of Natural History number 718.

Type Locality: Piniware River, 15 mi (24 km) NW Red Bay, Labrador, [Newfoundland, Canada].

Remarks: Published as BCNH number 718; cataloged as USNM 347446 on 4 Nov 1969.

*Erethizon epixanthus couesi* Mearns

Proc. U.S. Natl. Mus. 19: 723, 30 Jul 1897a.

= *Erethizon dorsatum couesi* Mearns, 1897. See Hall (1946: 649).

Holotype: USNM 7814/6501. Skin and skull [with both femurs, left scapula, and humerus]. Nearly adult. No sex given. Collected on unknown date by E. Coues. Cataloged 19 Feb 1865. No original number.

Type Locality: Fort Whipple, [Yavapai County], Arizona.

*Erethizon epixanthus myops* Merriam

Proc. Wash. Acad. Sci. 2: 27, 14 Mar 1900a.

= *Erethizon dorsatum myops* Merriam, 1900. See Anderson and Rand (1943:293).

Holotype: USNM 59140. [Skin and skull]. Old female. Collected Sep 1893 by C. H. Townsend. No original number.

Type Locality: Portage Bay, Alaska Peninsula, [Alaska].

**FAMILY CHINCHILLIDAE BENNETT, 1833****Genus *Lagostomus* Brookes, 1828***Lagostomus maximus petilidens* Hollister

Proc. Biol. Soc. Wash. 27: 58, 20 Mar 1914c.

Holotype: USNM 172801. Skull only. [Poole and Schantz (1942: 256): male]. Collected 1910 by A. Hrdlicka. No original number.

Type Locality: [MC: Los Posos], 8 mi (13 km) north of Carmen de Patagones, [Province of Buenos Aires], Argentina.

**FAMILY CAVIIDAE G. FISCHER, 1817****Genus *Hydrochoerus* Brisson, 1762***Hydrochoerus hydrochaeris notialis* Hollister

Proc. Biol. Soc. Wash. 27: 58, 20 Mar 1914c.

= *Hydrochoerus hydrochaeris* (Linnaeus, 1766).

Holotype: USNM 154186. Skin, skull, and skeleton, skeleton not found, [and brain in alcohol]. Adult male. [National Zoological Park records: received 7 Dec 1904 from J. N. Ruffin, U.S. Consul at Asuncion, died 6 Jan 1909]. National Zoological Park number 1555.

Type Locality: Paraguay.

*Hydrochoerus isthmius* Goldman

Smithson. Misc. Collect. 60(2): 11, 20 Sep 1912a.

Holotype: USNM 179703. [Skin and skull]. Adult male. Collected 4 Apr 1912 by E. A. Goldman. Original number 21591.

Type Locality: Marraganti, near the head of tidewater on the Rio Tuyra, [SL: sea level], [Darien], eastern Panama.

**FAMILY DASYPROCTIDAE BONAPARTE, 1838****Genus *Dasyprocta* Illiger, 1811***Dasyprocta punctata bellula* Kellogg

Proc. Biol. Soc. Wash. 59: 59, 11 Mar 1946.

Holotype: USNM 277152. Skin, skull, [and penis in alcohol]. Adult male. Collected 11 May 1944 by J. P. E. Morrison. Original number 29.

Type Locality: Isla San Jose, Archipelago de las Perlas, Golfo de Panama, [Panama], Panama.

*Dasyprocta punctata chiapensis* Goldman

Smithson. Misc. Collect. 60(22): 13, 28 Feb 1913.

Holotype: USNM 77997. [Skin and skull]. Adult female. Collected 26 Feb 1896 by E. W. Nelson and E. A. Goldman. Original number 9430.

Type Locality: Huehuetan, [SL: altitude 300 ft (91 m)], southern Chiapas, Mexico.

*Dasyprocta punctata dariensis* Goldman

Smithson. Misc. Collect. 60(22): 11, 28 Feb 1913.

Holotype: USNM 179056. [Skin and skull]. Adult female. Collected 24 Apr 1912 by E. A. Goldman. Original number 21637.

Type Locality: Near head of Rio Limon, altitude 5,200 ft (1,585 m), Mount Pirri, [Darien], eastern Panama.

*Dasyprocta punctata richmondi* Goldman

Proc. Biol. Soc. Wash. 30: 114, 23 May 1917.

Holotype: USNM 51333. [Skin and skull]. Adult female. Collected 16 Nov 1892 by C. W. Richmond. Original number 156.

Type Locality: Escondido River, 50 mi (80 km) above Bluefields, [Atlantico Sur], Nicaragua.

*Dasyprocta punctata underwoodi* Goldman

J. Wash. Acad. Sci. 21: 481, 19 Nov 1931.

Holotype: USNM 256459. [Skin and skull]. Adult male. Collected 1 Jun 1931 by C. F. Underwood. Original number [MC: 478].

Type Locality: San Geronimo (San Jeronimo), Pirris, [Puntarenas], western Costa Rica.

*Dasyprocta punctata yucatanica* Goldman

Smithson. Misc. Collect. 60(22): 12, 28 Feb 1913.

Holotype: USNM 108293. [Skin, skull, and baculum]. Adult male. Collected 22 Dec 1900 by E. W. Nelson and E. A. Goldman. Original number 14347.

Type Locality: Apazote, near Yohaltun, Campeche, Mexico.

**FAMILY CUNICULIDAE MILLER AND GIDLEY, 1918****Genus *Cuniculus* Brisson, 1762***Agouti paca nelsoni* Goldman

Smithson. Misc. Collect. 60(22): 9, 28 Feb 1913.

= *Cuniculus paca nelsoni* (Goldman, 1913). See Hollister (1913e:79). Holotype: USNM 65952. [Skin and skull]. Adult male. Collected 30 Apr 1894 by E. W. Nelson and E. A. Goldman. Original number 6135.

Type Locality: Catemaco, [FC: altitude 1,000 ft (305 m)], southern Veracruz, Mexico.

**FAMILY CTENOMYIDAE LESSON, 1842****Genus *Ctenomys* Blainville, 1826***Ctenomys robustus* J. A. Allen

Bull. Am. Mus. Nat. Hist. 19: 185, 9 May 1903.

Primary junior homonym of *Ctenomys robustus* Phillippi, 1896; replaced with *Ctenomys osgoodi* by J. A. Allen (1905:191). = *Ctenomys magellanicus osgoodi* J. A. Allen, 1905. See Osgood (1943:120).

Holotype: USNM 84149. [Skin and skull]. Adult male. Collected 20 Feb 1897 by O. A. Peterson. Original number [SL: 485].

Type Locality: Rio Chico de Santa Cruz, near the Cordilleras, [Santa Cruz, Argentina].

Remarks: According to Lyon and Osgood (1909:42), "Type designated as No. 84194, an error for 84149. No. 84194 is a

specimen of *C. sericeus*. The measurements of No. 84149 agree with those given by J. A. Allen as belonging to the Type, and the specimen itself bears Allen's type label."

***Ctenomys sericeus* J. A. Allen**

Bull. Am. Mus. Nat. Hist. 19: 187, 9 May 1903.

Holotype: USNM 84189. [Skin and skull]. Adult male. Collected 5 Feb 1897 by O. A. Peterson. Original number [SL: 331].

Type Locality: Cordilleras, upper Rio Chico de Santa Cruz, [Santa Cruz], Patagonia (Argentina).

Remarks: According to Lyon and Osgood (1909:42), "Type designated as No. 84191, which is an error for No. 84189. The measurements of the skin and skull ascribed by Allen to the type are those of 84189 and do not agree with those of 84191, a smaller individual. To indicate further that No. 84189 is the type, Allen tied to the specimen the standard red type label of the American Museum of Natural History, with the italicized words crossed out and the words U. S. Nat. added as well as the name *Ctenomys sericeus* Allen."

**FAMILY ECHIMYIDAE GRAY, 1825**

**Genus *Diplomys* Thomas, 1916**

***Isothrix darlingi* Goldman**

Smithson. Misc. Collect. 60(2): 12, 20 Sep 1912a.

= *Diplomys labilis* (Bangs, 1901). See Handley (1966:787).

Holotype: USNM 179577. [Skin and skull]. Young female. Collected 11 May 1912 by E. A. Goldman. Original number 21739.

Type Locality: Marraganti, [SL: sea level], near Real de Santa Maria, on the Rio Tuyra, [Darien], eastern Panama.

**Genus *Hoplomys* J. A. Allen, 1908**

***Hoplomys geothalsi* Goldman**

Smithson. Misc. Collect. 56(36): 10, 19 Feb 1912b.

= *Hoplomys gymnurus* (Thomas, 1897). See Handley (1959:8).

Holotype: USNM 170972. [Skin and skull]. Young female. Collected 16 Feb 1911 by E. A. Goldman. Original number 20888.

Type Locality: Rio Indio, near Gatun, Canal Zone (Colon), Panama.

***Hoplomys gymnurus wetmorei* Handley**

Smithson. Misc. Collect. 139(4): 9, 3 Jul 1959.

= *Hoplomys gymnurus* (Thomas, 1897).

Holotype: USNM 307057. Skin and skull. Adult male. Collected 1 Mar 1958 by A. Wetmore. Original number 1479.

Type Locality: Escudo de Veraguas, Prov. Bocas del Toro, Panama.

Remarks: *Hoplomys gymnurus* was considered monotypic by Woods and Kilpatrick (2005:1583), who overlooked the name *wetmorei*.

**Genus *Pattonomys* Emmons, 2005**

***Loncheres flavidus* Hollister**

Proc. Biol. Soc. Wash. 27: 143, 10 Jul 1914d.

= *Pattonomys flavidus* (Hollister, 1914). See Emmons (2005:282). Holotype: USNM 63218. Skin and skull. Adult male. Collected 9 Jul 1895 by W. Robinson. Original number 479.

Type Locality: El Valle, Margarita Island (Isla de Margarita), [Nueva Esparta], Venezuela.

**Genus *Proechimys* J. A. Allen, 1899**

***Proechimys guairae* Thomas**

Proc. Biol. Soc. Wash. 14: 27, 2 Apr 1901.

Holotype: USNM 102731. Skin and skull. [FC: Adult] male. Collected 8 Jul 1900 by Messrs. [M. W.] Lyon [Jr.] and [W.] Robinson. Original number 81.

Type Locality: La Guaira, [Vargas], Venezuela.

***Proechimys guyannensis magdalenae* Hershkovitz**

Proc. U.S. Natl. Mus. 97: 136, 6 Jan 1948b.

= *Proechimys magdalenae* Hershkovitz, 1948. See Emmons and Feer (1990:274).

Holotype: USNM 280170. Skin and skull. Adult male. Collected 20 Jun 1943 by P. Hershkovitz. Original number 2098.

Type Locality: Rio San Pedro, a small stream in the northern foothills of the Cordillera Central, above the village of Norosi, altitude 178 m, Bolivar, Colombia.

***Proechimys rubellus* Hollister**

Proc. Biol. Soc. Wash. 27: 57, 20 Mar 1914c.

= *Proechimys semispinosus rubellus* Hollister, 1914. See Goldman (1920:120).

Holotype: USNM 12901/38587. Skin and skull. Adult "[male]." Collected [on unknown date] by J. C. Zeledon. Skin cataloged 23 Jun 1878. Original number [MC: 112].

Type Locality: [MC: Pacuare], Angostura Valley, Costa Rica.

***Proechimys semispinosus ignotus* Kellogg**

Proc. Biol. Soc. Wash. 59: 61, 11 Mar 1946.

Holotype: USNM 277160. Skin and skull. Adult male. Collected 8 May 1944 by J. P. E. Morrison. Original number 28.

Type Locality: Isla San Jose, Archipelago de las Perlas, Golfo de Panama, [Panama], Panama.

***Proechimys steerei* Goldman**

Proc. Biol. Soc. Wash. 24: 238, 28 Nov 1911.

Holotype: USNM 105535. [Skin and skull]. Adult male. Collected [FC: 15 Feb] 1901 by J. B. Steere. Original number [MC: 77].

Type Locality: [FC: Hyutanahan], Rio Purus, a southern tributary of the Amazon, [Amazonas], in northwestern Brazil.

**FAMILY MYOCASTORIDAE AMEGHINO, 1904**

**Genus *Myocastor* Kerr, 1792**

***Myocastor coypus santacruzae* Hollister**

Proc. Biol. Soc. Wash. 27: 57, 20 Mar 1914c.

Holotype: USNM 96513. Skin and skull. Adult “[male].” Collected [Poole and Schantz (1942:490): Jul to Sep 1896] by W. Frakes. Original number not given. [SL: 1977-X].

Type Locality: Near Los Palmares, north bank of the Rio Salado, Santa Fe, not Santa Cruz as in original description, Argentina.

#### FAMILY CAPROMYIDAE SMITH, 1842

#### Genus *Geocapromys* Chapman, 1901

*Capromys brachyurus thoracatus* True

Proc. U.S. Natl. Mus. 11: 469, 3 Sep 1889.

= *Geocapromys thoracatus* (True, 1889). See Morgan (1985:29).

Lectotype: USNM 15897/22691, as designated by Lyon and Osgood (1909:41). Skin, skull, [and femurs]. [Lyon and Osgood (1909:41): Adult] [SL: male]. Collected [SL: 6 Mar 1887 by C. H. Townsend]. No original number.

Type Locality: Little Swan Island, [SL: Caribbean Sea], at the entrance of the Gulf of Honduras, [Swan Islands].

Remarks: Type not designated by number in the original description, but according to Lyon and Osgood (1909:41), “of the two original specimens Dr. True has personally selected the above as the type and placed a red label upon it.” This statement by Lyon and Osgood effectively designated the lectotype (ICZN, 1999: Article 74.5).

#### Genus *Mysateles* Lesson, 1842

*Capromys prehensilis gundlachi* Chapman

Bull. Am. Mus. Nat. Hist. 14: 317, 12 Nov 1901.

= *Mysateles prehensilis gundlachi* (Chapman, 1901). See Kratochvil et al. (1978:17).

Holotype: USNM 103905. Skin and skull. [Lyon and Osgood (1909:41): Adult] male. Collected 4 Jul 1900 by [Lyon and Osgood (1909:41): W.] Palmer and [Lyon and Osgood (1909:41): J. H.] Riley. Original number 505.

Type Locality: Nueva Gerona, Isle of Pines, [Isla de la Juventud], [SL: Cuba].

#### Genus *Plagiodontia* F. Cuvier, 1836

*Plagiodontia hylaeum* Miller

Proc. U.S. Natl. Mus. 72(16): 4, 30 Sep 1927b.

= *Plagiodontia aedium hylaeum* Miller, 1927. See Anderson (1965:97).

Holotype: USNM 239887. Skin, skull, and skeleton. Young adult male. Collected 23 Nov 1923 by W. L. Abbott. Original number [SL: B].

Type Locality: Guarabo, 10 mi (16 km) east of Jovero, Samana Province, Dominican Republic.

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