



TEXAS TECH UNIVERSITY

Natural Science Research Laboratory

SPECIAL PUBLICATIONS

Museum of Texas Tech University

Number 73

9 January 2020

TYPE LOCALITIES OF MEXICAN LAND MAMMALS, WITH COMMENTS ON TAXONOMY AND NOMENCLATURE



ALFRED L. GARDNER AND JOSÉ RAMÍREZ-PULIDO

Front cover: Edward W. Nelson (right) preparing specimens in camp on Mt. Tancítaro, Michoacán. Photograph by Edward A. Goldman, March 1903. Courtesy of Smithsonian Institution Archives, Nelson Goldman files RU7634.

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Layout and Design: Lisa Bradley
Cover Design: Photo courtesy of Smithsonian Institution Archives, Nelson Goldman files,
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Production Editor: Lisa Bradley

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This book was set in Times New Roman and printed on acid-free paper that meets the guidelines for permanence and durability of the Committee on Production Guidelines for Book Longevity of the Council on Library Resources.

Printed: 9 January 2020

Library of Congress Cataloging-in-Publication Data

Special Publications of the Museum of Texas Tech University, Number 73

Series Editor: Robert D. Bradley

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Alfred L. Gardner and José Ramírez-Pulido

ISSN 0149-1768

ISBN 1-929330-40-5

ISBN13 978-1-929330-40-9

Museum of Texas Tech University

Lubbock, TX 79409-3191 USA

(806)742-2442

TYPE LOCALITIES OF MEXICAN LAND MAMMALS, WITH COMMENTS ON TAXONOMY AND NOMENCLATURE

ALFRED L. GARDNER AND JOSÉ RAMÍREZ-PULIDO

ABSTRACT

This report is a compilation of all species and subspecies names proposed for land mammals for which type localities are in Mexico. These names are organized alphabetically by state and listed under locality place names in each state. Type localities are quoted exactly as provided in the original descriptions, followed by corrections and restrictions where appropriate. This report also includes discussion and resolution of several taxonomic, nomenclatural, and bibliographic problems associated with these names.

Key words: Mexico, nomenclature, original type locality, synonym, taxon, taxonomy

RESUMEN

Este trabajo compendia los nombres de las especies y subespecies de todos los mamíferos terrestres cuya localidad tipo se encuentra en México. La organización de las localidades tipo está ordenada alfabéticamente en cada estado y registrada bajo el nombre de los lugares de la localidad en cada entidad. La localidad tipo se cita exactamente como se publica en la descripción original, seguida de correcciones y restricciones según corresponda. Este artículo contiene también la discusión y la resolución de una serie de problemas taxonómicos, nomenclaturales y bibliográficos asociados con estos nombres.

Palabras clave: localidad tipo, México, nomenclatura, sinónimo, taxón, taxonomía

INTRODUCTION

During the compilation of a synonymy for all species and subspecies of terrestrial mammals found in Mexico, a number of errors, misinterpretations, and other ambiguities when citing type localities were discovered. The primary cause appears to be undue reliance on citations in the recent literature and the accompanying failure to examine original descriptions. An unfortunate common practice is the citation of the type locality within quotation marks, which leads the reader to assume that the information is exactly quoted as originally published, when instead, the information given is not the original, but was copied from a secondary source and contains errors, omissions, or interpretations introduced by the author of that source.

This was most easily noted when the quoted information is in English or Spanish, but the original was in Latin, French, German, or some other language. Misquoting could reflect the difficulty in finding original descriptions, especially in older literature. The increasing availability of the older literature through online sources (e.g., Google Scholar or Biodiversity Heritage Library) has largely alleviated that problem.

A type locality is the geographical place of capture of the name-bearing type of a species or subspecies. If there are syntypes and no lectotype has been selected, the type locality encompasses the localities represented by all of them (see ICZN 1999: Art. 76). When a

species-group name is based on syntypes representing two or more locations, selection of a lectotype fixes the type locality to the site where that particular specimen was collected. Establishment of a neotype fixes the type locality to the place where the neotype was collected, and any previous statements of type localities for that taxon are invalidated. Correct type localities are particularly important for taxonomic, ecological, and geographical studies of the biota. Information on type localities also has importance in conservation, including land management decisions and programs.

In addition to the problems with type localities found during our research, the early descriptive literature on mammals sometimes included erroneous type localities. As an example, the common opossum *Didelphis marsupialis* Linnaeus, 1758, was based on several large opossums; therefore, composite. Thomas (1911:143) selected the female opossum illustrated by Seba (1734:pl. 39) as the lectotype and restricted the type locality to “Suriname.” Linnaeus (1758:54) wrote that the species was from America, which was a correction of Seba’s original locality (“Amboina” = Ambos Island, Indonesia). Because of recent controversy concerning application of the name *D. marsupialis* to the common opossum (see Gurgel-Filho et al. 2015), Feijó and Voss (2019) designated a neotype and thereby tied the name to the common opossum and fixed the type locality to Brownsberg Nature Park headquarters, Brokopondo District, Surinam.

The primary and most easily available compendia of type localities for Mexican mammals during the last half of the 20th Century was Miller and Kellogg’s (1955) *List of North American Recent mammals*, followed by Hall and Kelson’s (1959) *Mammals of North America*

and its revision in 1981 by Hall. A basic problem with these three references is that the type localities given sometimes differ from the original wording, and when the information they provide is a correction or refinement of the original type locality, the source or basis of that revision is not stated. The next available source of information on type localities of Mexican mammals is T. Álvarez et al.’s (1997) *Localidades típicas de mamíferos terrestres en México*. All type localities in this work are Spanish originals or Spanish translations, some of which were based on earlier erroneous or revised, but undocumented, information.

The primary objective of this report was to provide a single source for the original wording for all Mexican type localities for land mammals that includes subsequent revisions and corrections. This report is not as analytical nor as exhaustive as the treatise on type localities of Mexican mammals by Álvarez et al. (1997). A table (Table 1), however, is included that compares the numbers of taxa included in this report with those listed by Álvarez et al. (1997:9, Figura 1).

During the course of our investigations, a number of overlooked names and several additional issues were encountered concerning homonymy of names, lack of or incorrect type localities, and incorrect attribution of authors’ names or citations. Resolution of these issues is covered in the section on taxonomic, nomenclatural, and bibliographic problems that precedes the list of type localities. The taxonomic propriety of separating the bat genus *Lasiurus* into three genera (*Aeorestes*, *Dasypterus*, and *Lasiurus*) also is discussed. An Index of Scientific Names follows the section on Literature Cited.

Table 1. Number of species and subspecies (species-group taxa) of non-marine mammals described from each state in Mexico. The number of species-group taxa described from Mexico, but not currently assignable to a State, is listed under MEXICO. Numbers of taxa do not include neotypes or replacement names. Comparative numbers of species-group taxa, shown in parentheses, are from Álvarez et al. (1997:9, Figura 1).

State	Number of taxa	State	Number of taxa
MEXICO	35	Morelos	13 (12)
Aguascalientes	2 (2)	Nayarit	33 (30)
Baja California	120 (118)	Nuevo León	5 (6)
Baja California Sur	102 (124)	Oaxaca	121 (117)
Campeche	14 (14)	Puebla	26 (28)
Chiapas	55 (51)	Queretaro	7 (6)
Chihuahua	49 (49)	Quintana Roo	13 (13)
Coahuila	42 (41)	San Luis Potosí	26 (26)
Colima	22 (20)	Sinaloa	25 (26)
Distrito Federal	16 (13)	Sonora	73 (73)
Durango	30 (29)	Tabasco	14 (14)
Guanajuato	3 (3)	Tamaulipas	37 (36)
Guerrero	33 (31)	Tlaxcala	2 (3)
Hidalgo	11 (10)	Veracruz	120 (115)
Jalisco	74 (73)	Yucatán	33 (31)
México	22 (17)	Zacatecas	16 (16)
Michoacán	42 (40)		

MATERIALS AND METHODS

The primary literature and original descriptions of all of the species-group taxa described from Mexico were examined. Herein, species and subspecies are arranged alphabetically by Mexican state, and then alphabetically under the appropriate locality place name in each state. Type locality entries consist of the Spanish place name followed by the English name in parentheses for that locality, as used in the original description when the two names differed. English place names reference the Spanish place name where appropriate. Under each place name, the taxa described from that locality are arranged in the sequence used in Ramírez-Pulido et al. (2014). Each taxon entry consists of the original scientific name as it would be written today (i.e., no abbreviations, accents, alternative spellings,

or other marks), the name of the author(s), and date, followed by the type locality within quotation marks exactly as published in the original description. This information is followed (where appropriate) by corrections in spelling of place name; additions, restrictions, or corrections of type locality; and the current name of the taxon—all enclosed in brackets. Additional information within the brackets includes corrected subsequent spellings and replacement names for junior homonyms. Certain type localities are annotated with information from Goldman's (1951) *Biological investigations in Mexico*. Nomenclatural decisions are consistent with the provisions of the fourth edition (ICZN 1999) of the *International code of zoological nomenclature*.

TAXONOMIC, NOMENCLATORIAL, AND BIBLIOGRAPHIC PROBLEMS

Philander vossi, a replacement name for *Metachirus fuscogriseus pallidus* J. A. Allen, 1901.—In a recent report on the phylogenetic relationships of gray four-eyed opossums of the genus *Philander*, Voss et al. (2018) suggested that the Mexican and northern Central American population, previously known as *Philander opossum fuscogriseus* J. A. Allen, 1900, warranted recognition as *Philander pallidus*. The original name for this taxon is *Metachirus fuscogriseus pallidus* J. A. Allen, 1901, which is usually treated as a junior synonym of *Philander opossum fuscogriseus* or as a subspecies of *Philander opossum* (e.g., Miller and Kellogg, 1955; Hall, 1981; Ramírez-Pulido et al., 2014). Unfortunately, *pallidus* is preoccupied by *Philander laniger pallidus* Thomas, 1899, known today as the woolly opossum *Caluromys derbianus pallidus* (Thomas, 1899). Therefore (see ICZN 1999:Art. 60.3), we provide *Philander vossi*, *nomen novum*, to replace *Philander pallidus*. The replacement name *P. vossi* is in recognition of the exemplary research on the systematics of American marsupials conducted by Dr. Robert S. Voss and colleagues during the past quarter century.

Restricted type locality of Dasypus novemcinctus mexicanus Peters, 1864.—Peters (1864b:180) described two armadillos: *Dasypus fenestratus* from “Costa Rica” and *Dasypus novemcinctus mexicanus* from “Mexico.” According to records in the Zoologisches Museum der Humboldt-Universität zu Berlin (ZMB), Berlin, Germany, the type specimen of *D. n. mexicanus* was collected by a German entomologist named Uhde about whom very little is known (e.g., see Papavero 1973:314). Uhde made his collections some distance northwest of Mexico City, but the exact type locality is unknown. Bailey (1905:52, footnote) restricted the type locality to Colima, Colima, Mexico, based on the similarity between armadillos from the state of Colima and the skull that Gray (1873:fig. 3, plate 2) illustrated of the specimen (BM 43 9 11 6) in the British Museum (Natural History Museum, London), also listed as from “Mexico.” At the same time, Bailey (1905:52) described *Tatu novemcinctus texanum* from Brownsville, Texas, now considered a synonym of *Dasypus novemcinctus mexicanus*.

In his discussion of the nomenclature of *D. novemcinctus*, G. M. Allen (1911:198–199) considered

all U.S., Mexican, and Central American *Dasypus* as representing the subspecies *Dasypus novemcinctus fenestratus* Peters, 1864. Allen’s selection of the name was based on page priority because *D. fenestratus* was described earlier in the same work. In a separate assessment, Hollister (1925:60) agreed with Allen and concluded that armadillos from Colima represented *D. n. fenestratus* and that Bailey (1905) had redescribed *D. n. mexicanus* when he described *Tatu novemcinctus texanum*.

Peters (1864b) referenced “[S. F.] Baird’s (*Mammals of North America*. Taf. 86.)”, which Hollister (1925) also referenced and wrote that Baird’s plate illustrated several views of a skull of an armadillo from Matamoros, Tamaulipas, in the collections of the United States National Museum. We were unable to locate Plate 86 in Baird’s *Mammals of North America* and suggest that the correct reference is Plate 26 in Baird’s (1859) *Mammals of the Boundary*. Hollister wrote that Bailey’s restriction of the type locality of *D. n. mexicanus* to Colima was untenable. Based on the close similarity he perceived between *D. n. mexicanus*, the armadillo from Matamoros illustrated by Baird, and the Texas armadillo Bailey described as *Tatu novemcinctus texanum*, Hollister restricted the type locality of *D. n. mexicanus* to Matamoros, Tamaulipas, Mexico.

Subsequently, Russell (1953a:21) described *Dasypus novemcinctus davisii* from “Huitzilac, 8500 feet, Morelos, Mexico”, which he claimed “differed markedly in cranial characters from both *Dasypus n. fenestratus* Peters and *Dasypus n. mexicanus* Peters” (*sensu* Hollister 1925). Russell (1953a:24) also questioned the occurrence of *D. n. fenestratus* in Mexico and defined the range of that subspecies as “Central America only as far north as Nicaragua.” In addition to *D. n. davisii*, Russell pointed out several morphological differences between western Mexican armadillos and *D. n. mexicanus* from eastern and, especially, north-eastern Mexico.

Arteaga et al. (2012), based on genetic studies of Mexican armadillos, also recognized distinct western and eastern populations. Citing Wetzel et al. (2008) and the *Mammalian Species* account on *D. novemcinctus* by McBee and Baker (1982), they identified the eastern

population as *D. n. mexicanus* and identified *D. n. davisi* as restricted to western Mexico in the “Balsas Basin north to Morelos.” Arteaga et al. (2012), however, did not assign all western samples of *D. novemcinctus* to *D. n. davisi*. Clearly, additional research on the relationships of populations of armadillos in Mexico and Central America is warranted.

Nevertheless, important, but not generally known, information has been overlooked: Uhde, the collector of the type specimen of *D. n. mexicanus*, did his fieldwork in western Mexico somewhere northwest of Mexico City. Although exactly where in western Mexico Uhde acquired his specimen is unknown, Hollister’s restriction of the type locality of *D. n. mexicanus* to Matamoros, Tamaulipas, must be set aside and Bailey’s (1905:52, footnote) restriction of the type locality to Colima should be reinstated. The appropriate name for the population in Texas and northeastern Mexico is *Dasyus novemcinctus texanus* (Bailey, 1905).

An interesting discovery during our research on the nomenclature of *Dasyus* is that Lichtenstein (1830:100–101), by indication, based on the description in Hernández (1651), provided the name *Dasyus cucurbitinus* for the Mexican armadillo and wrote that the museum (ZMB) had a specimen collected by Deppe in Jautepec, state of Mexico (currently Yautepec, Morelos). *Dasyus cucurbitinus* Lichtenstein, 1830 is a long forgotten name (*nomen oblitum*); therefore, not available. If the name were available, it would be the oldest name for the population known as *D. n. davisi*.

Author of the name Sorex caudatus.—*Sorex saussurei caudatus* Merriam, 1895c (= *Sorex mutabilis* Merriam, 1898f), is preoccupied by the name *Sorex caudatus* Horsfield, 1851 (= *Episoriculus caudatus*). This name is more typically attributed to Hodgson in Horsfield, 1849. That 1849 report was submitted by T. Horsfield to *The Annals and Magazine of Natural History* on behalf of B. H. Hodgson and consists of a list of ten mammals and two birds discovered by Hodgson in India. Four of the mammals had descriptions previously published by Hodgson and two are sufficiently described to make their names available. The remaining four are *nomina nuda*: One is insufficiently described, and three are simply names in the list, one of which is *Sorex caudatus*. The earliest description

of *Sorex caudatus* is on page 135 of Horsfield’s (1851) *Catalog of the Mammalia in the museum of the Hon. East-India Company*. Although Horsfield attributed the name to Hodgson and cited the 1849 report, there is no evidence that Hodgson is responsible for the description and the conditions that made the name available. Therefore, the name must be cited as *Sorex caudatus* Horsfield, 1851, as used in Woodman (2018:63).

The identity of Tylostoma mexicanum de Saussure, 1860.—In 1860, de Saussure described *Tylostoma mexicanum* as a large, big-eared bat with a very short tail, and strongly warty lips and chin (“*Lèvres et menton très-fortement verruqueux; . . .*,” page 485 [page 72 in the reprint]), from “les régions chaudes du Mexique.” Based on de Saussure’s description, the name is obviously a synonym of *Trachops cirrhosus* (Spix, 1823), and was recognized as such by Peters (1865:512), Dobson (1878:481), Trouessart (1878:211; 1897:154), and Elliot (1905a:514). Nevertheless, when Goldman (1925a:23–24) described *Trachops coffini* from the Petén of Guatemala, he questioned the identity of *Tylostoma mexicanum* as a *Trachops* and wrote “The definite status of the name, therefore, remains to be determined.” Subsequently, this name appears to have been overlooked until Baud’s (1977) “*Catalogue des types de mammifères et d’oiseaux du Muséum d’Histoire naturelle de Genève*” (MHNG). Baud (1977:206) identified de Saussure’s *Tylostoma mexicanum* as *Trachops cirrhosus*, listed two specimens that he considered to be syntypes (MHNG 515.84 and 516.09), and indicated that one (MHNG 516.09) was purchased from François E. Sumichrast. Although Cramer et al. (2001:1) included *Tylostoma mexicanum* in their synonymy of *Trachops cirrhosus*, they questioned its identity as a *Trachops*, based on Goldman (1925a), and appear to have been unaware of Baud’s (1977) report.

The definite status of the name has been determined; therefore, the Mexican and northern Central American subspecies of *Trachops cirrhosus* should be recognized as *Trachops cirrhosus mexicanus* (de Saussure, 1860) and *Trachops coffini* Goldman, 1925, treated as a junior synonym. However, Baud’s (1977) designation of the two specimens as syntypes is questionable. According to Boucard (1884:306; 1886:312), Sumichrast and de Saussure went to Mexico together

in 1855. A year later, de Saussure returned to Europe with a collection consigned to Geneva, Switzerland. Sumichrast remained in Mexico where he died in 1882. Sumichrast (1881:204) wrote that he had encountered this species only once and that was in Cacoprieto, Oaxaca. Sumichrast collected in that region of Oaxaca after 1860, so his specimen would not have been available in 1860 when de Saussure described *Tylostoma mexicanum*. Therefore, MHNG 515.84 should be treated as the holotype, because specimen MHNG 516.09 is indicated as having been purchased from Sumichrast. Although both de Saussure and Sumichrast traveled widely, the type locality of *Tylostoma mexicanum* is restricted to the state of Veracruz, where *Trachops cirrhosus* is known to occur and where, before 1860, de Saussure most likely acquired the specimen.

In the modern literature, the first report of *Trachops cirrhosus* from Mexico is Villa's (1949b:499) specimen he identified as *Trachops coffini* Goldman, 1925, from southeastern Chiapas. The species is known now from Veracruz, Oaxaca, Chiapas, Campeche, Yucatán, and Quintana Roo (see references in López and Medellín 2014:694; Ramírez-Pulido et al. 2000:182).

Type locality of Vespertilio obscurus H. Allen, 1866.—In 1866, Harrison Allen described four species of bats from the peninsula of Baja California, Mexico, in the collections of the Smithsonian Institution, Washington, DC. The first, based on two specimens from “Lower California,” is *Vespertilio obscurus*, which is a synonym of *Myotis yumanensis* (H. Allen, 1866). The second is *Vespertilio volans* (= *Myotis volans*) described from a single specimen from “Cape St. Lucas, Lower Cal.” Third is *Vespertilio exilis*, a junior synonym of *Myotis californicus* (Audubon and Bachman, 1842) and based on a single specimen from “Cape St. Lucas.” Fourth is *Vespertilio tenuidorsalis*, also a synonym of *Myotis californicus* and based on a single specimen from “Cape St. Lucas, Lower Cal.” These bats were collected by John [János] Xántus, who from 4 April 1859 to August 1861, was stationed in Cabo San Lucas, Baja California Sur, as a Tide Observer for the United States Coast Guard (Xántus 1976). During the time Xántus was in Baja California Sur, he sent 80 specimens of mammals to Spencer F. Baird at the Smithsonian Institution. Of these, 76 are labeled as from “Cape St. Lucas,” two pocket gophers

(*Thomomys bottae anitae* J. A. Allen, 1898) are from “Mira Flores” (about 72 km north of Cabo San Lucas), and the two *Vespertilio obscurus* are labeled simply as “Lower California.” Based on the evidence that only two of the 80 specimens of mammals Xántus sent to Baird lacked a specific locality, that 76 of the 80 are labeled as from Cabo San Lucas, and because of Allen's lack of uniformity in citing “Cape St. Lucas,” the type locality of *Vespertilio obscurus* H. Allen, 1866, is here restricted to Cabo San Lucas, Baja California Sur, México.

Lasiurus (sensu lato) or Aeorestes, Dasypterus, and Lasiurus as genera of lasiurine bats.—In their phylogenetic analysis and revision of the tribe Lasiurini, A. B. Baird et al. (2015) restricted *Lasiurus* to those lasiurines usually referred to as red bats, recognized yellow bats under the name *Dasypterus*, and used *Aeorestes* as the generic name for hoary bats. This taxonomic arrangement was further supported by A. B. Baird et al. (2017), arguing that recognizing three genera of lasiurines reflected the high genetic differences among red, yellow, and hoary bats, and that recognition of this divergence at the subgeneric level would be underutilized and soon obsolete.

Their argument is countered with the observation that, by definition, genera are subjective and arbitrary. Employing *Aeorestes*, *Dasypterus*, and *Lasiurus* as subgenera of *Lasiurus* does not diminish their uniqueness and would retain the taxa within a single, commonly recognized taxon unit (*Lasiurus*). This latter point is particularly relevant, given the trend today to sort taxa alphabetically in taxonomic lists. Recognition of these three genus-level names as a taxonomic unit could be accomplished by always using the names as members of the tribe Lasiurini. However, the use of tribal names is even less common than the use of subgeneric names. In accord with Novaes et al. (2018), using *Lasiurus (sensu lato)* to include *Aeorestes*, *Dasypterus*, and *Lasiurus* as subgenera is recommended.

The type locality of Lepus callotis Wagler, 1830 and Lepus mexicanus Lichtenstein, 1830.—As pointed out by Nelson (1909:123), the descriptions of *Lepus callotis* Wagler, 1830 and *Lepus mexicanus* Lichtenstein, 1830 were both published the same year, and because he was unable to determine the exact dates

of publication, Nelson used *Lepus callotis*, the name in common use at the time, as the senior synonym. Subsequently, several publications that listed names of Mexican rabbits did not mention *Lepus mexicanus* (e.g., Miller and Kellogg 1955:153). In contrast, Hall and Kelson (1959:285) used *L. mexicanus* as the senior synonym, based on the assumption that the description of *L. mexicanus* appeared before May, and the description of *L. callotis* was published in August 1830. S. Anderson and Gaunt (1962:9–10) reexamined the dates of publication and concluded that, although the description of *L. callotis* appeared in August, 1830, it was not possible to determine the correct date for *L. mexicanus*, and they recommended continued use of *L. callotis* as the correct name for these jackrabbits.

Not only did both names appear in 1830, both are based on the same specimen (ZMB 1041) in the mammal collection of the ZMB. Each description indicated that Mexico was the source, but neither specified a more exact locality. Nelson (1909:122) stated that the type of each was in the Berlin Museum and restricted their type localities to the “southern end of Mexican Tableland,” but did not indicate that both names were based on the same specimen. According to the records in the ZMB, Ferdinand Deppe collected the holotype in July 1825 at Arroyo Zarco, Mexico, Mexico (label information: “Arrago Saris Mexiko Deppe”).

Clarification of the type locality of Sylvilagus cunicularius (Waterhouse, 1848).—According to records in the ZMB, Ferdinand Deppe sent three specimens of the Mexican rabbit known today as *Sylvilagus cunicularius* (Waterhouse, 1848) to Hinrich Lichtenstein at the ZMB. The first is from Jalapa, Veracruz (ZMB 1504), collected in February 1825. The second specimen is from Arroyo Zarco (also spelled Arrago Saris and Arroyo Sarco in the hand-written records), collected in July 1825 (not found by one of us [ALG] when visiting the ZMB in the late 1970s), and the third is labeled Sacualpan (Zacualpan; ZMB 1403), collected on 26 July 1826. Only the two specimens from Jalapa and Sacualpan were mentioned by Osgood (1907b:51) who wrote, “Sacualpan and Jalapa in Vera Cruz are but a short distance from Las Vigas, the type locality of *veræcrucis*”; the latter refers to *Lepus veræ-crucis* Thomas, 1890, a synonym of *S. cunicularius*. However, the Sacualpan (Zacualpan) in question is not near Las

Vigas, Veracruz, but in the state of Mexico, as suggested by Nelson (1909:239) and confirmed by Deppe’s letter (in the archives of the ZMB) to Lichtenstein written on 5 September 1826 from Real de Arriba, Mexico, Mexico (see description of Real de Arriba in Sibley and Davis, 1946). ALG’s hastily written English translation of the letter written in German, as translated and dictated by Dr. Renate Angermann (Curator of Mammals, ZMB), follows:

On the 17th July I left Mexico [City] together with my friend Sartorius and Steins’ younger brother (Sartorius gave up his plantation near Xalapa because of lack of money and is now going to work for an English mining company). Rode along road to Toluca til place named Cruces, said to be highest mountain in this area, a distance of 7 leagues from Mexico. Went SW to village of Santiago Tenistengo [Tianguistenco] where we spent night; at morning of 18th continued to high plain of Toluca and soon arrived at foothills of Volcán Toluca at a small laguna. From here the road went through coniferous woods. Got good insects, only results on this trip. One has to be under cover after 2 PM because it starts raining and the roads become dangerous. My companions today had to look for a place to stay after an 8-hour ride. Stayed at Tenancingo (night), left at morning of 19th for 14 long leagues to Zacualpan. There was no rain and we arrived at 9 PM at Zacualpan situated at top of a mountain (hill?). Landscape doesn’t look like a tropical landscape because of oaks and pines. Collecting results were only insects and plants. Zacualpan has 4–6,000 inhabitants with lots of mines nearby. Left Zacualpan on 27th and arrived on 28th at Rincon de Temascaltepec and friend Sietze [perhaps Lietze, handwriting in Old German is sometimes troublesome to read according to Angermann] arrived some days later. [Have] some small wood birds and 2,000 insects and hope that there will be more from here to Mexico where I will go across Guantla [Huantla ?] de Amilpas. Yesterday I saw my friend young Bullock who returned some days ago from Mexico to Temascaltepec, which is $\frac{3}{4}$ league from here.

The Zacualpan in question is in the southern part of the state of Mexico, essentially on the border with the current state of Guerrero. In 1826, the state of Mexico extended to the Pacific Coast and included the state of Hidalgo to the north, and the state of Morelos and most of the state of Guerrero to the south. What is interesting about the content of this letter is the statement that they collected only insects and plants on this trip to Real de Arriba, and then apparently more insects and some “wood birds” later. The question is, when did Deppe acquire the specimen now treated as the type of *Sylvilagus cunicularius* from Zacualpan? The answer is found in Deppe’s account in his letter to Lichtenstein of one of the contests for horsemen during the celebration they encountered in Zacualpan on 26 July 1826. While riding at a full gallop, the goal for each rider was to grab the ears of a live rabbit hanging by its hind legs. To conduct such a contest, the organizers had to have several locally-trapped live rabbits trussed up or held in cages, and those captive rabbits were the probable source of Deppe’s specimen from Zacualpan.

Type locality of Sciurus buccatus Lichtenstein, 1830.—Under the name “*Quauh-techalotl*” in his treatise on Francisco Hernandez’s (1651) terrestrial vertebrates, Lichtenstein (1830:117) described *Sciurus buccatus* based on a specimen in the Berlin Museum (ZMB) collected by Ferdinand Deppe in Mexico. Lichtenstein did not mention a specific type locality. Based on records in the ZMB, the holotype (a skin and skull, ZMB 1493) was collected during June or July 1825 in Huichapan, state of Mexico (now Hidalgo). The specimen was part of the fourth shipment received (along with shipments five and six) at the museum from Deppe on 11 May 1826. *Sciurus buccatus* is a junior synonym of *Otospermophilus variegatus* (Erxleben, 1777), which is based on Hernandez’s (1651:8) *Quauh-tecalotlquapachtli*. *Sciurus buccatus* appears to have been overlooked by most authors until Nelson (1898c:898) pointed out that *Sciurus variegatus* Erxleben, *Sciurus buccatus* Lichtenstein, and *Spermophilus macrourus* Bennett, represent the same species.

Determination of the author of the name Dipodomys ordii.—Although the type locality of *Dipodomys ordii* is not in Mexico (type locality El Paso, Texas) clarification of the circumstances of its description is important to the taxonomy of Mexican mammals. Ord’s Kangaroo Rat is cited consistently in the recent litera-

ture as *Dipodomys ordii* Woodhouse, 1853:224 (e.g., Hayman and Holt in Ellerman 1940; Setzer 1949; Hall and Kelson 1959; Koopman 1976; Hall 1981; Williams et al. 1993; Patton 2005). Recently, while examining the original description to verify wording concerning the type locality, it was discovered that *D. ordii* was described twice in volume 6 of the *Proceedings of the Academy of Natural Sciences of Philadelphia* (PANSP) in 1853. The first description is in an article, lacking a title, written by Dr. John Lawrence Le Conte that appears on page 224 and attributes the name to Woodhouse. The second is by Woodhouse and appears on pages 235–236. J. L. Le Conte’s (1853:224–225) report is a synopsis of five species of *Dipodomys* and includes the original descriptions of *D. heermanni* and *D. wagneri* (the latter a synonym of *D. agilis* Gambel, 1848) and three species of *Perognathus* (*sensu lato*); his description of *D. ordii* mentions only characteristics of the tail. Woodhouse’s (1853a) description is more comprehensive and includes external measurements. Woodhouse (1853b:50) repeated the description in his Sitgreaves report.

Confusion over the page on which Woodhouse’s description begins is not restricted to recent literature. Gray (1868:201) first cited “Woodhouse, Leconte, Proc. Acad. N. S. Philad. vi 1853, p. 224” under *Dipodomys ordii*. In the *Biologia Centrali-Americana*, Alston (1880:163) attributed *D. ordii* to Woodhouse, but cited the original description as beginning on page 223. Apparently, he was confused by the one-sentence statement on pages 223 and 224: “Dr. Woodhouse presented a paper for publication in the Proceedings, describing a new species of pouched Rat, of the genus *Dipodomys* Gray; which was referred to Dr. Bridges, Dr. Le Conte, and Mr. Cassin.” This sentence, which simply states that Woodhouse’s paper was given to Bridges, Le Conte, and Cassin for review, immediately precedes Le Conte’s untitled descriptions of the tails of *Dipodomys* beginning on page 224.

Koopman (1976) cited the name as “*Dipodomys ordii* Woodhouse, Cotype/ (in LeConte), Proc. Acad. Nat. Sci. Phila-/delphia, vol. 6, p. 224, January, 1853.” Although attributing the name to Woodhouse, Koopman may have been inclined to cite Le Conte’s report as the original source because of the nearly uniform practice by 20th Century authors to cite the name from page 224. However, Le Conte’s description: “Tail

brownish, with a broad white vitta each side; long terminal hairs pale brown, white at the base” does not match Woodhouse’s description of the tail, *viz*: “the penecillated [*sic*] portion of the tail is formed of long white hairs, with bright brown tips.” Therefore, the name cannot be cited as *Dipodomys ordii* Woodhouse, in Le Conte, because Le Conte did not use Woodhouse’s exact wording in his description.

The section containing both reports was published on the same date (most likely late March 1853, because that section of the PANSP was recorded as having been received by the United States National Museum [USNM] on 3 April). Therefore, because of the lack of unanimity on which page the original description first appears, the Principle of the First Reviser applies (see ICZN 1999: Art. 24) when determining precedence and establishing authorship (either Le Conte or Woodhouse). The first publication we have found that qualifies under the Principle of the First Reviser is Coues and Yarrow (1875:109). Under the name combination “*Dipodomys phillipsi ordii*, (Woodh.), Coues,” Coues and Yarrow first list “*Dipodomys ordii*, Woodhouse, Proc. Acad. Nat. Sci. Phila., 1853, 235; Sitgr. Rep. Expl. Zuñi & Colorado R., 1853, 50, pl. 4.” The next citation is “LeC., Proc. Acad. Nat. Sci. Phila., 1853, 224”; thereby clearly giving Woodhouse’s description intentional precedence over the description by Le Conte.

Koopman (1976:14) identified ANSP 2118 as a cotype of *D. ordii*. He assumed the specimen was part of a series because “Type lot” was written on the label. ANSP 2118 is a skull only. Neither of the two 1853 descriptions in the PANSP provide information on the number of specimens at hand when *D. ordii* was described. Having found no evidence for additional extant specimens of *D. ordii* collected by Woodhouse at El Paso, ANSP 2118 is here designated as the lectotype of *Dipodomys ordii* Woodhouse, 1853.

The designation of USNM 18135/25033 as the neotype of *D. ordii* by Williams et al. (1993:78) is invalid. Williams et al. (1993) appeared unaware that a type specimen still existed. They may have been influenced by Merriam’s (1890d:45) usage of the term “Duplicate type” when describing USNM 18135/25033 (a skin and skull, respectively, under the dual cataloging

system used for mammals by the USNM through 1892), a specimen of *D. ordii* from El Paso, Texas, collected in 1889 by his brother-in-law Vernon Bailey. The term “duplicate type” has no standing under the *International code of zoological nomenclature*.

Correction of type locality of Mephitis macroura Lichtenstein, 1832.—In Lichtenstein’s (1832:plate 46 [Atlas] and accompanying text) description of *Mephitis macroura*, he stated that “Von dieser Art übersandte Herr Deppe mehrere Exemplare aus den Gebirgs-Gegenden nordwestlich von der Stadt Mexico” (*Mr. Deppe sent several specimens of this species from the mountainous regions northwest of Mexico City*). Consequently, the type locality is cited in the literature as (e.g.) “Mountains northwest of city of México” (Miller and Kellogg, 1955:758).

In the late 1970s, one of us (ALG), with the assistance of Dr. Renate Angermann, had the opportunity to examine the collection of mammals in the Zoologisches Museum der Humboldt-Universität zu Berlin, Germany, sent from Mexico to Lichtenstein in the 1820s by Deppe. A review of the hooded skunks and the lists of specimens contained in each shipment as received in the Museum failed to reveal any specimens of *M. macroura* collected by Deppe from anywhere northwest of Mexico City. Instead, the collection contains a series of five hooded skunks containing nearly the full array of color morphs characteristic of that species; all from San Mateo del Mar, Oaxaca, which is the type locality of *Mephitis vittata* Lichtenstein, 1832 (a synonym of *M. macroura*).

Specimens Lichtenstein described as *Mephitis macroura* have a well-marked white dorsal stripe, a blaze of white on the forehead, and the characteristic white lateral stripes on the body (see Angermann and Gardner 1980:206). Specimens described as *Mephitis vittata* have some white hairs on the top of the head and nape, lack the middorsal white stripe, but have the white lateral stripes on the body. Clearly, Lichtenstein believed these color varieties represented separate species, which he may have assumed were unlikely to occur together. As the “*macroura*-striped” morph can be found throughout the range of the species, it is likely that reports of similar hooded skunks from northwest of Mexico City prompted Lichtenstein to give an er-

aneous locality as the source of those specimens. Lichtenstein has been responsible for other misstatements concerning type localities (see Garbino and Nogueira 2017). The type locality of *M. macroura* is herewith corrected to San Mateo del Mar, Oaxaca, Mexico.

The lectotype of Bassaris astuta Lichtenstein, 1830.—As summarized by Nelson and Goldman (1932b:486), Lichtenstein (1830:119) described *Bassariscus astuta* “in a discussion of the application of names to Mexican mammals treated by Hernandez” (1651). Lichtenstein (1831:513) redescribed the species and wrote “Habitat in Mexico.” Nelson and Goldman also quoted from a letter from Hermann Pohle saying that the specimen mentioned by Lichtenstein had been received in the museum (ZMB) from Deppe in 1826 “aus Mexiko (wahrscheinlich Stadt Mexiko) [from Mexico (likely Mexico City)]. That specimen was cataloged as number 1081 in the ZMB.

Notes taken on material in the ZMB by ALG in the late 1970s indicate that Deppe sent four specimens of *B. astuta* from Mexico. Lichtenstein (1830, 1831)

did not indicate how many specimens he examined when describing *B. astutus*. Wilhelm Peters, who took over the collection after Lichtenstein, started the mammal catalog in the ZMB in which he indicated types by placing an asterisk next to the catalog number. It is probable that Peters’s selection of ZMB 1081 was arbitrary, and Pohle most likely cited ZMB 1081 based on Peters’s indication that the specimen was the type. Nevertheless, the ZMB received only two *B. astuta* from Deppe in 1826. The first was in a shipment that arrived at the museum on 20 March 1826 and contained material collected in May 1825 in Mexico. The second shipment arrived on 24 December 1826 and contained one *B. astuta* collected in June 1826 from “Tezcucó” (= Texcoco). Of the four specimens sent from Mexico by Deppe, at least three were available to Lichtenstein (1830) when he described *Bassariscus astuta* (the third was collected in Real de Arriba, state of Mexico). Based on Pohle’s information cited by Nelson and Goldman (1932b), ZMB 1081, collected in Mexico City in 1825, is here designated as the lectotype of *Bassariscus astuta* Lichtenstein, 1830; = *Bassariscus astutus* (Lichtenstein, 1830).

TYPE LOCALITIES

MÉXICO (no state or specific locality provided)

Didelphis californica Bennett, 1833: “that part of California which adjoins to Mexico.” [Restricted to “Sonora, Mexico” by Hershkovitz (1951:550); emended to the Meseta Central of Mexico by Gardner (1973:30–33), who suggested that the collector was Thomas Coulter; = *Didelphis virginiana californica* Bennett, 1833.]

Didelphis breviceps Bennett, 1833: “that part of California which adjoins to Mexico.” [Restricted to Sinaloa (J. A. Allen, 1902b:256, footnote); emended to the Meseta Central of Mexico by Gardner (1973:30–33), who suggested that the collector was Thomas Coulter; = *Didelphis virginiana californica* Bennett, 1833.]

Didelphis mesamericana J. A. Allen, 1902b: “northern Mexico.” [Based on the large opossums of northern Mexico and of Oken (1816); = *Didelphis virginiana californica* Bennett, 1833.]

Didelphys pruinosa Wagner, 1843: “Mexico.” [= *Didelphis virginiana californica* Bennett, 1833.]

Desmodus murinus Wagner, 1840: Mexico (“... den mexicanischen Sendugen des Dr. Pess”) [= *Desmodus rotundus murinus* Wagner, 1840.]

Glossophaga (Choeronycteris) mexicana Tschudi, 1844: “Mejico.” [= *Choeronycteris mexicana* (Tschudi, 1844).]

Centurio mexicanus de Saussure, 1860: “Les régions chaudes du Mexique.” [= *Centurio senex senex* Gray, 1842.]

Vampyrops helleri Peters, 1866: “Mexico.” [= *Platyrrhinus helleri* (Peters, 1866).]

Vampyrus auritus Peters, 1856a: “Mexico et Guiana.” [Restricted to Mexico by Peters (1856b:415); = *Chrotopterus auritus* (Peters, 1856).]

- Atalapha mexicana* de Saussure, 1861: Unknown; Mexico by implication. [= *Lasiurus cinereus* Palisot de Beauvois, 1796.]
- Mycetes villosus* Gray, 1845: “Brazils.” [Guatemala was suggested by Selater (1872:6) and Hill (1962:97); restricted to Mexico by Brandon–Jones (2006:41–42); = *Alouatta villosa* (Gray, 1845).]
- Lepus nigricaudatus* Bennett, 1833: “that part of California which adjoins to Mexico.” [Probably the Meseta Central of Mexico (see Gardner, 1973:30–33, who suggested that the collector was Thomas Coulter); = *Lepus callotis callotis* Wagler, 1830.]
- Spermophilus macrourus* Bennett, 1833: “that part of California which adjoins to Mexico.” [Considered by Gardner (1973:30–33) to be on the Meseta Central of Mexico and that the collector was Thomas Coulter; = *Otospermophilus variegatus variegatus* (Erxleben, 1777).]
- Sciurus texianus* Bachman, 1839: “Mexico.” [= *Sciurus niger* Linnaeus, 1758.]
- Ascomys mexicanus* Lichtenstein, 1830: “Mexico.” [Preoccupied by *Sorex mexicanus* Kerr, 1792 (*nomen dubium*); = *Cratogeomys planiceps* (Merriam, 1895a).]
- Macrocolus halticus* Wagner, 1844: unknown. [Based on an illustration of upper and lower cheek teeth of a specimen from Mexico (see Wagner, 1846:176; Merriam, 1893b:94–95); = *Dipodomys phillipsii* Gray, 1841.]
- Hystrix prehensilis novaehispaniae* Fischer, 1829: “America meridionali, praesertim Mexico.” [= *Coendou mexicanus mexicanus* (Kerr, 1792).]
- Felis canescens* Swainson, 1838: “Mexico.” [Based on *Felis ocelot* γ Gray, in Griffith, Hamilton Smith and Pidgeon (1827:168); = *Leopardus pardalis pardalis* (Linnaeus, 1758).]
- Felis griffithii* Fischer, 1830: “Mexico.” [Based on *Felis Ocelot* γ Gray, in Griffith, Hamilton Smith and Pidgeon (1827:168); = *Leopardus pardalis pardalis* (Linnaeus, 1758).]
- Felis mexicana* Kerr, 1792: “New Spain.” [= *Leopardus pardalis pardalis* (Linnaeus, 1758).]
- Felis mexicana* Desmarest, 1821: “La Nouvelle–Espagne.” [Based on Buffon, 1776: 227, pl. XLIII, “*Le chat sauvage de la Nouvelle Espagne*”; preoccupied by *Felis mexicana* Kerr, 1792; = *Herpailurus yagouaroundi* (È. Geoffroy Saint–Hilaire, 1803).]
- Felis mexicanensis* Link, 1795: No locality given. [Mexico by implication from the name; a *nomen oblitum*; = *Felis yagouaroundi* È. Geoffroy Saint–Hilaire, 1803.]
- Felis ocelot* Gray, in Griffith, Hamilton Smith and Pidgeon, 1827: “Mexico.” [Based on Ocelot No. 3 of Hamilton Smith, in Griffith, Hamilton Smith and Pidgeon (1825:476); = *Leopardus pardalis pardalis* (Linnaeus, 1758).]
- Felis maculata* Horsfield and Vigors, 1829: “Mexico.” [Preoccupied by *Felis vulgaris maculatus* Kerr, 1792; replaced by *Lynx texensis* J. A. Allen, 1895; = *Lynx rufus texensis* J. A. Allen, 1895.]
- Lynx texensis* J. A. Allen, 1895 (see *Felis maculata* Horsfield and Vigors, 1829). [= *Lynx rufus texensis* J. A. Allen, 1895.]
- Panthera buffonii* Fitzinger, 1869: “Mexiko.” [= *Leopardus pardalis* (Linnaeus, 1758).]
- Memphitis edulis* Coues, 1877b: “most of Mexico . . . about San Fernando de Bexar, and in eastern interior States.” [Description translated from Berlandier’s manuscript; in the synonymy of *Mephitis macrura* (*sic*); = *Mephitis macroura macroura* Lichtenstein, 1832.]
- Mephitis concolor* Gray, 1865a: “Mexico.” [= *Mephitis macroura macroura* Lichtenstein, 1832.]
- Mephitis intermedia* de Saussure, 1860: “Mexique.” [= *Mephitis macroura macroura* Lichtenstein, 1832.]
- Mephitis mexicana* Gray, 1837: “Mexico.” [= *Mephitis macroura macroura* Lichtenstein, 1832.]

Mephitis nasuta Bennett, 1833: “that part of California which adjoins to Mexico.” [Emended to the Meseta Central of Mexico by Gardner (1973:30–33), who suggested that all of the species described by Bennett (1833) were collected by Thomas Coulter; = *Conepatus leuconotus leuconotus* (Lichtenstein, 1832).]

Viverra vulpecula Schreber, 1776: “in Mexico.” [Based on the *Yaquiepatl* of Hernández (1651); = *Eira barbara* (Linnaeus, 1758).]

Cercoleptes lepida Olfers, 1818: Based on the “Mexican Weasel Penn. Shaw [and] *Lemur flavus* Schreb. (partim)” from Mexico. [= *Potos flavus* (Schreber, 1774).]

Procyon hernandezii castaneus de Beaux, 1910: “Mexiko.” [= *Procyon lotor hernandezii* Wagler, 1831.]

Procyon lotor albina Gray, 1869: “Mexico.” [= *Procyon lotor hernandezii* Wagler, 1831.]

Mazama tema Rafinesque, 1817: “Mexico.” [Based on *Temamazame* (= the *Tema-maçame* of Hernández, 1651); = *Mazama temama* (Kerr, 1792).]

AGUASCALIENTES

Chicalote

Dipodomys spectabilis cratodon Merriam, 1907: “Chicalote, Aguascalientes, Mexico.”

El Rincón de Romos (Rincón de Romos)

Perognathus flavus medius R. H. Baker, 1954a: “1 mi. S and 6 mi. E Rincón de Romos, 6550 ft. elevation, Aguascalientes.”

BAJA CALIFORNIA

Aguaje de la Fresas

Sorex oreinus Elliot, 1903b: “Aguaje de las Fresas, San Pedro Martir mountains, Lower California,

Mexico, 6,000 feet elevation.” [= *Sorex ornatus ornatus* Merriam, 1895c.]

Aguajito Spring (see El Valle de la Trinidad)

Álamo

Sylvilagus bachmani howelli Huey, 1927b: “ten miles southeast of Álamo, Lower California, Mexico, lat. 31°35' north, long. 116°03' west.”

Ángel de la Guardia Island (see Isla Ángel de la Guardia)

Bahía San Luis Gonzaga (Gonzaga Bay)

Peromyscus crinitus pallidissimus Huey, 1931a: “a small island in Gonzaga Bay, Lower California, Mexico, lat. 29°50' north, long. 114°20' west.”

Peromyscus maniculatus hueyi Nelson and Goldman, 1932c: “a small unnamed island in Gonzaga Bay, east coast of Lower California, Mexico (latitude about 29° 50').” [= *Peromyscus gambelii hueyi* Nelson and Goldman, 1932; see Greenbaum et al. 2019.]

Bahía San Francisquito (San Francisquito Bay)

Dipodomys peninsularis eremoecus Huey, 1951: “7 miles west of San Francisquito Bay, lat. 28° 30' N., Gulf of California, Baja California.” [= *Dipodomys simulans peninsularis* (Merriam, 1907).]

Perognathus formosus infolatus Huey, 1954: “7 miles west of San Francisquito Bay, lat. 28° 30' N., Gulf of California, Baja California, Mexico.” [= *Chaetodipus formosus infolatus* (Huey, 1954).]

Boca del Cañón San Juan de Dios (Mouth of canyon San Juan de Dios)

Dipodomys agilis plectilis Huey, 1951: “mouth of canyon San Juan de Dios (Lat. 30° 7' N.), Baja California.” [= *Dipodomys simulans simulans* (Merriam, 1904b).]

Boca la Playa

Thomomys bottae proximarinus Huey, 1945a: “Boca la Playa, 16 miles west of Santo Tomás, Baja California, Mexico (mesa bordering the sea), lat. 31°32' N.; long. 116°38' W.”

Calmalli

Dipodomys platycephalus Merriam, 1907: “Calmalli, Lower California, Mexico.” [= *Dipodomys merriami platycephalus* Merriam, 1907.]

Felis improcera J. C. Phillips, 1912: “Calmalli, Lower California.” [= *Puma concolor cougar* (Kerr, 1792).]

Antilocapra americana peninsularis Nelson, 1912a: “45 miles south of Calmalli, Lower California, Mexico.”

Cañón de Las Palmas (Las Palmas Cañon)

Thomomys bottae lucidus Hall, 1932: “Las Palmas Cañon, 200 feet altitude, west side of Laguna Salada (north of 32° N. latitude), Lower California, Mexico.”

Cataviña

Citellus beecheyi rupinarum Huey, 1931b: “Cataviña, Lower California, Mexico, lat. 29° 54' north, long. 114° 57' west.” [= *Otospermophilus beecheyi rupinarum* (Huey, 1931).]

Thomomys bottae catavinensis Huey, 1931c: “Cataviña, Lower California, Mexico, lat. 29°54' north, long. 114°57' west.”

Chapala

Perognathus fallax xerotrophicus Huey, 1960c: “2 mi. northwest of Chapala, Baja California, Mexico.” [= *Chaetodipus fallax xerotrophicus* (Huey, 1960).]

Coronados Islands (see Islas Coronados)**Diablito Spring**

Thomomys bottae xerophilus Huey, 1945a: “near Diablito Spring, summit of San Matias Pass, (between Sierra Juárez and Sierra San Pedro Mártir), Baja California, Mexico.”

El Barril

Perognathus arenarius paralius Huey, 1964: “Barril (28° 20'N), on the Gulf of California, Baja California.” [El Barril; = *Chaetodipus arenarius paralius* (Huey, 1964).]

Dipodomys merriami annulus Huey, 1951: “Barril, Gulf of California, Baja California, Mexico, lat. 28°20' N., long. 112°50' W.” [El Barril.]

Neotoma lepida aridicola Huey, 1957: “El Barril (near 28° 20' N), Gulf of California, Baja California, Mexico.” [= *Neotoma bryanti bryanti* Merriam, 1887.]

El Rosario

Thomomys bottae abbotti Huey, 1928a: “1 mile east of El Rosario, Lower California, Mexico (river-bottom association), lat. 30°03' north, long. 115°48' west.”

Neotoma lepida egressa Orr, 1934: “one mile east of El Rosario, 200 feet altitude, Lower California, Mexico.” [= *Neotoma bryanti intermedia* Rhoads, 1894.]

Gonzaga Bay (see Bahía San Luis Gonzaga)**International Boundary Mexico-US**

Perognathus longimembris internationalis Huey, 1939a: “Lower California side of the International Boundary at Jacumba, San Diego County, California.”

Isla Ángel de la Guarda (Angel de la Guardia Island)

Perognathus spinatus guardiaie Burt, 1932: “Puerto Refugio, north end of Angel de la Guardia Is-

land (altitude 30 feet), Gulf of California, Lower California, Mexico.” [= *Chaetodipus spinatus guardiae* (Burt, 1932).]

Neotoma insularis Townsend, 1912: “Angel de la Guardia Island.”

Peromyscus guardia Townsend, 1912: “Angel de la Guardia Island.”

Isla Cedros (Cedros Island, Cerros Island)

Lepus cerrosensis J. A. Allen, 1898: “Cerros Island, Lower California.” [Isla Cedros; = *Sylvilagus bachmani cerrosensis* (J. A. Allen, 1898).]

Perognathus anthonyi Osgood, 1900: “South Bay, Cerros Island, Lower California.” [Isla Cedros; = *Chaetodipus fallax anthonyi* (Osgood, 1900).]

Neotoma bryanti Merriam, 1887: “Cerros Island, off Lower California, in lat. 28° 12' N.” [Isla Cedros.]

Peromyscus cedrosensis J. A. Allen, 1898: “Cerros Island, Lower California.” [Isla Cedros; = *Peromyscus fraterculus cedrosensis* J. A. Allen, 1898.]

Odocoileus cerrosensis Merriam, 1898b: “Cerros (or Cedros) Id. off Lower California, Mexico.” [= *Odocoileus hemionus cerrosensis* Merriam, 1898.]

Islas Coronados (Coronados Islands)

Peromyscus maniculatus assimilis Nelson and Goldman, 1931e: “Coronados Islands, off northwest coast of Lower California, Mexico.” [Islas Coronados; = *Peromyscus gambelii assimilis* Nelson and Goldman, 1931.]

Isla Granito (Isla Granite)

Peromyscus guardia harbisoni Banks, 1967a: “Isla Granite, 29° 33' N, 113° 34' W, Gulf of California, Baja California, Mexico.” [Isla Granito.]

Isla Mejía (Mejia Island)

Perognathus evermanni Nelson and Goldman, 1929c: “Mejia Island (near north end of Angel de la

Guardia Island), Lower California, Mexico.” [= *Chaetodipus spinatus evermanni* (Nelson and Goldman, 1929).]

Peromyscus guardia mejiae Burt, 1932: “Mejía Island (latitude 29° 33' N., longitude 113° 35' W.), Gulf of California, Lower California, Mexico.”

Isla Partida

Myotis vivesi Menegaux, 1901: “Ilot du Cardonal au Islo, partie de l'Archipel Salsi puedes, au nord du golfe de Californie.” [Restricted to Isla Partida, at 28° 53' N. lat., 113° 04' W. long. by Reeder and Norris (1954:85).]

Isla Salsipuedes

Peromyscus interparietalis ryckmani Banks, 1967a: “Isla Salsipuedes, 28° 45' N, 112° 59' W, Gulf of California, Baja California, Mexico.” [= *Peromyscus eremicus ryckmani* Banks, 1967.]

Isla San Esteban (San Esteban Island)

Peromyscus stephani Townsend, 1912: “San Esteban Island.”

Isla San Gerónimo (San Geronimo Island)

Peromyscus geronimensis J. A. Allen, 1898: “San Geronimo Island, Lower California.” [= *Peromyscus gambelii geronimensis* J. A. Allen, 1898.]

Isla San Lorenzo (San Lorenzo Island)

Perognathus spinatus lorenzi Banks, 1967b: “South San Lorenzo Island (28° 36' N lat., 112° 51' W long.), Gulf of California, Baja California, Mexico.” [= *Chaetodipus spinatus lorenzi* (Banks, 1967).]

Peromyscus guardia interparietalis Burt, 1932: “South San Lorenzo Island (latitude 28°36' N., longitude 112°51' W.), Gulf of California, Lower California, Mexico.” [= *Peromyscus eremicus interparietalis* Burt, 1932.]

Peromyscus interparietalis lorenzi Banks, 1967a: “Isla San Lorenzo Norte, 28° 42' N, 112° 57' W, Gulf of California, Baja California, Mexico.” [= *Peromyscus eremicus lorenzi* Banks, 1967.]

Isla San Martín (San Martin Island)

Neotoma martinensis Goldman, 1905: “San Martin Island, Lower California, Mexico.” [= *Neotoma bryanti martinensis* Goldman, 1905.]

Peromyscus exiguus J. A. Allen, 1898: “San Martin Island, Lower California.” [= *Peromyscus gambelii exiguus* J. A. Allen, 1898.]

Peromyscus maniculatus martinensis Nelson and Goldman, 1931e: “San Martin Island, off west coast of Lower California, Mexico.” [See Nelson and Goldman, 1932a:370; = *Peromyscus gambelii exiguus* J. A. Allen, 1898.]

Isla Todos Santos (Todos Santos Island)

Neotoma anthonyi J. A. Allen, 1898: “Todos Santos Island, Lower California.” [= *Neotoma bryanti anthonyi* J. A. Allen, 1898.]

Peromyscus dubius J. A. Allen, 1898: “Todos Santos Island, Lower California.” [= *Peromyscus gambelii dubius* J. A. Allen, 1898.]

La Grulla, San Pedro Martir Mountains (La Grulla, La Grulla Meadows)

Myotis milleri Elliot, 1903b: “La Grulla, San Pedro Martir mountains, Lower California, Mexico, 8,000 feet elevation.” [= *Myotis evotis milleri* Elliot, 1903.]

Myotis orinomus Elliot, 1903c: “La Grulla, San Pedro Martir Mountains, 8,000 feet elevation.” [= *Myotis ciliolabrum melanorhinus* (Merriam, 1890a).]

Lepus martirensis Stowell, 1895: “La Grulla, San Pedro Martir Mountains, Lower California.” [= *Lepus californicus californicus* Gray, 1837.]

Thomomys fulvus martirensis J. A. Allen, 1898: “San Pedro Martir Mountains (alt. 8300 feet), Lower California.” [The specific locality identified as “La Grulla Meadows” by Huey (1928a:89); = *Thomomys bottae martirensis* J. A. Allen, 1898.]

Dipodomys agilis martirensis Huey, 1927a: “La Grulla (east side of valley), Sierra San Pedro Martir, Lower California, Mexico, altitude 7,500 feet.” [= *Dipodomys simulans simulans* (Merriam, 1904b).]

Microtus californicus hyperythrus Elliot, 1903b: “San Quentin, Lower California.” [Corrected to “La Grulla, San Pedro Martir Mountains, Lower California, Mexico,” by Elliot (1907:292, footnote; see Kellogg, 1918:34; Osgood, 1928:52–56); = *Microtus californicus hyperythrus* Elliot, 1903.]

Microtus californicus perplexabilis J. Grinnell, 1926: “La Grulla, 7000 feet altitude, Sierra San Pedro Martir, Lower California.” [= *Microtus californicus hyperythrus* Elliot, 1903.]

Laguna Hanson

Citellus beecheyi nudipes Huey, 1931b: “Laguna Hanson, Sierra Juárez, Lower California, Mexico, altitude 5200 feet; lat. 31° 58' north, long. 115° 53' west.” [= *Otospermophilus beecheyi nudipes* (Huey, 1931).]

Thomomys bottae juarezensis Huey, 1945a: “Laguna Hanson, Sierra Juárez, Baja California, Mexico.”

Laguna Salada

Perognathus arenarius mexicalis Huey, 1939b: “Los Muertos Canyon fan, in palo verde ironwood association, at Gaskill’s Tank, near Laguna Salada, Lower California, Mexico, lat. 32°27' north, long. 115°53' west.” [= *Chaetodipus arenarius mexicalis* (Huey, 1939).]

Las Flores

Thomomys bottae rhizophagus Huey, 1949: “Las Flores, 7 miles south of Bahía de Los Angeles,

Baja California, Mexico, lat. 28°50' N., long. 113°32' W."

Las Palmas Cañon (see Cañón de Las Palmas)

Llano de Santa Ana

Dipodomys peninsularis pedionomus Huey, 1951: "2 miles north of Chapala Dry Lake, on Llano de Santa Ana, lat. 20° 30' N., long. 114° 35' W., Baja California." [= *Dipodomys simulans peninsularis* (Merriam, 1907).]

Los Palmitos

Thomomys bottae cunicularius Huey, 1945a: "Los Palmitos (western end of Pattie Basin), on the southeastern base of the Sierra Juárez (desert slope), latitude 31°44' N. longitude 115°36' W., Baja California, Mexico."

Matomí (Mattomi)

Ovis cervina cremnobates Elliot, 1904a: "Mattomi, San Pedro Martir Mountains, Lower California, Mexico." [Matomí; = *Ovis canadensis cremnobates* Elliot, 1904.]

Mejia Island (see Isla Mejía)

Misión San Fernando Rey de España de Velicatá (San Fernando Mission)

Thomomys umbrinus brazierhowelli Huey, 1960a: "San Fernando Mission, Baja California, Mexico, lat. 30°." [= *Thomomys bottae brazierhowelli* Huey, 1960.]

Perognathus spinatus oribates Huey, 1960b: "San Fernando Mission, lat. 30° N., Baja California, Mexico." [= *Chaetodipus spinatus oribates* (Huey, 1960).]

Misión San Francisco de Borja Adac (San Borjas Mission)

Thomomys bottae borjasensis Huey, 1945a: "San Borjas Mission, Baja California, Mexico, lat. 28°52' N., long. 113°53' W."

Perognathus baileyi mesidios Huey, 1964: "San Borja Mission, near latitude 28°45'N, Baja California." [= *Chaetodipus rudinoris mesidios* (Huey, 1964).]

Misión Santo Domingo (Santo Domingo Mission)

Sylvilagus bachmani rosaphagus Huey, 1940: "2 miles west of Santo Domingo Mission, Lower California, Mexico, lat. 30°45' north, long. 115°58' west." [= *Sylvilagus bachmani howelli* Huey, 1927.]

Dipodomys agilis latimaxillaris Huey, 1925: "2 miles west of Santo Domingo Mission, Lower California, Mexico, lat. 30°45' north, long. 115°58' west—or, precisely, on the cactus-covered slopes south of the huge red cliff that marks the entrance of the Santo Domingo River canyon from the coastal plain." [= *Dipodomys simulans simulans* (Merriam, 1904b).]

Dipodomys gravipes Huey, 1925: "2 miles west of Santo Domingo Mission, Lower California, Mexico, lat. 30°45' north, 115°58' west—or, precisely, on the cactus-covered slopes south of the huge red cliff that marks the entrance of the Santo Domingo River canyon from the coastal plain."

Mouth of Canyon San Juan de Díos (see Boca del Cañón San Juan de Díos)

Nachoguero Valley (see Valle de Nachoguero)

Piñón

Perognathus femoralis mesopolius Elliot, 1903b: "Peñon, San Pedro Martir Mountains, Lower California, Mexico, 5,000 feet elevation." [Piñón; = *Chaetodipus californicus mesopolius* (Elliot, 1903).]

Playa María

Lepus arizonae confinis J. A. Allen, 1898: "Playa Maria, Lower California." [= *Sylvilagus audubonii confinis* (J. A. Allen, 1898).]

Punta Prieta

Ammospermophilus leucurus canfieldae Huey, 1929: “Punta Prieta, Lower California, Mexico, lat. 28° 56' north, long. 114° 12' west.”

Thomomys bottae cactophilus Huey, 1929: “Punta Prieta, Lower California, Mexico, lat. 28°56' north, long. 114°12' west.”

Perognathus spinatus prietae Huey, 1930: “25 miles north of Punta Prieta, Lower California, Mexico, lat. 29°24' north, long. 114°24' west.” [= *Chaetodipus spinatus prietae* (Huey, 1930).]

Rancho Lagunitas

Thomomys bottae homorus Huey, 1949: “1 mile east of Rancho Lagunitas, Baja California, Mexico, lat. 28°20' N., long. 113°15' W.”

Rancho San Isidro (San Isidro Ranch)

Mephitis occidentalis holzneri Mearns, 1897a: “San Isidro Ranch, Lower California.” [= *Mephitis mephitis holzneri* Mearns, 1897.]

Rosarito

Perognathus knekus Elliot, 1903b: “Rosarito, San Pedro Martir mountains, Lower California, Mexico.” [= *Chaetodipus rudinoris rudinoris* (Elliot, 1903).]

Rosarito Divide

Peromyscus hemionotis Elliot, 1903b: “Rosarito Divide, 5,000 feet elevation, San Pedro Martir mountains, Lower California, Mexico.” [= *Peromyscus truei martirensis* (J. A. Allen, 1893).]

San Agustín

Perognathus longimembris venustus Huey, 1930: “San Agustín, Lower California, Mexico, lat. 30° north, long. 115° west.”

San Antonio

Peromyscus gaurus Elliot, 1903b: “San Antonio, San Pedro Martir mountains, Lower California, Mexico.” [= *Peromyscus boylii rowleyi* (J. A. Allen, 1893).]

San Borjas Mission (see Misión San Francisco de Borja Adac)

San Esteban Island (see Isla San Esteban)

San Felipe

Citellus tereticaudus vociferans Huey, 1926a: “San Felipe, Lower California, Mexico.” [= *Xerospermophilus tereticaudus tereticaudus* (S. F. Baird, 1857).]

Dipodomys merriami arenivagus Elliot, 1904a: “San Felipe, Lower California, Mexico.”

Perognathus arenarius albescens Huey, 1926b: “San Felipe, Lower California, Mexico.” [= *Chaetodipus arenarius albescens* (Huey, 1926).]

Perognathus formosus cinerascens Nelson and Goldman, 1929c: “San Felipe, northeastern Lower California, Mexico.” [= *Chaetodipus formosus cinerascens* (Nelson and Goldman, 1929).]

Perognathus baileyi hueyi Nelson and Goldman, 1929c: “San Felipe, northeastern Lower California, Mexico.” [= *Chaetodipus rudinoris hueyi* (Nelson and Goldman, 1929).]

Neotoma bella felipensis Elliot, 1903c: “San Felipe, Gulf of California, Lower California.” [= *Neotoma bryanti bryanti* Merriam, 1887.]

San Fernando Mission (see Misión San Fernando Rey de España de Velicatá)

San Francisquito Bay (see Bahía San Francisquito)

San Geronimo Island (see Isla San Gerónimo)

Sangre de Cristo

Thomomys bottae jobobae Huey, 1945a: "Sangre de Cristo, Baja California, Mexico, lat. 31°52' N.; long. 116°06' W."

Perognathus longimembris aestivus Huey, 1928a: "Sangre de Cristo in Valle San Rafael on the western base of the Sierra Juárez, Lower California, Mexico (upper Sonoran zone), lat. 31°52' north, long. 116°06' west."

Microtus californicus grinnelli Huey, 1931d: "Sangre de Cristo in Valle San Rafael on the western base of the Sierra Juárez, Lower California, Mexico, lat. 31° 52' north, long. 116° 06' west."

San Isidro Ranch (See Rancho San Isidro)

San Lorenzo Island (see Isla San Lorenzo)

San Martin Island (see Isla San Martín)

San Pedro Martir Mountains (see Sierra San Pedro Mártir)

San Quintín (San Quentin)

Dipodomys merriami quintinensis Huey, 1951: "5 miles east of San Quintín, Baja California, Mexico."

Perognathus helleri Elliot, 1903b: "San Quentin, Lower California, Mexico." [San Quintín; = *Chaetodipus arenarius helleri* (Elliot, 1903).]

Perognathus fallax majusculus Huey, 1960c: "San Quintín, Baja California, Mexico." [= *Chaetodipus fallax majusculus* (Huey, 1960).]

Perognathus baileyi rudinoris Elliot, 1903b: "San Quentin, Lower California, Mexico." [San Quintín; = *Chaetodipus rudinoris rudinoris* (Elliot, 1903).]

Microtus californicus aequivocatus Osgood, 1928: "San Quintin, Lower California."

Peromyscus homochroia Elliot, 1903b: "San Quentin, Lower California, Mexico." [San Quintín; = *Peromyscus fraterculus fraterculus* (Miller, 1892).]

Rhithrodontomys peninsulae Elliot, 1903b: "San Quentin, Lower California, Mexico." [San Quintín; = *Reithrodontomys megalotis peninsulae* Elliot, 1903.]

Santa Catarina

Dipodomys merriami semipallidus Huey, 1927b: "7 miles north of Santa Catarina, Lower California, Mexico, lat. 29°45' north, long. 115°10' west." [= *Dipodomys merriami platycephalus* Merriam, 1907.]

Santa Catarina Landing

Thomomys bottae ruricola Huey, 1949: "4 miles north of Santa Catarina Landing, Baja California, Mexico, lat. 29°35' N, long. 115°17' W."

Dipodomys paralius Huey, 1951: "Santa Catarina Landing (Lat. 29° 31' N.), Baja California, Mexico." [= *Dipodomys simulans simulans* (Merriam, 1904b).]

San Telmo

Tamias leucurus peninsulae J. A. Allen, 1893d: "San Telmo, L. Cal." [= *Ammospermophilus leucurus peninsulae* (J. A. Allen, 1893).]

Santo Domingo (Santo Domingo Landing)

Perodipus simulans peninsularis Merriam, 1907: "Santo Domingo, Lower California, Mexico." [Emended as "Santo Domingo Landing" by Huey (1951:246); = *Dipodomys simulans peninsularis* (Merriam, 1907).]

Neotoma lepida molagrandis Huey, 1945b: "Santo Domingo Landing (lat. 28° 15' N.), Baja California, Mexico (more precisely, at site of the old well near the edge of a mesa-like shelf, some 3 miles inland from the landing beach, elevation about 50')." [= *Neotoma bryanti bryanti* Merriam, 1887.]

Santo Domingo Mission (see Misión Santo Domingo)**Santo Tomás** (San Tomas)

Thomomys aphantus Elliot, 1903c: “San Tomas, Lower California, Mexico.” [= *Thomomys bottae aphantus* Elliot, 1903.]

Sierra San Borja, San Juan Mine

Dipodomys antiquarius Huey, 1962: “San Juan Mine, Sierra San Borja, Baja California, Mexico, alt. 4000 feet, lat. 28°41'N, long. 113°37'W.” [= *Dipodomys simulans peninsularis* (Merriam, 1907).]

Sierra San Pedro Mártir (San Pedro Martir Mountains)

Scapanus anthonyi J. A. Allen, 1893d: “San Pedro Martir Mountains (alt. 7,000 ft.)”

Tamias obscurus J. A. Allen, 1890b: “San Pedro Mountains, Lower California, Mexico.” [= *Neotamias obscurus* (J. A. Allen, 1890).]

Sciurus hudsonius mearnsi Townsend, 1897: “San Pedro Martir Mountains, Lower California (altitude, about 7000 feet).” [= *Tamiasciurus mearnsi* (Townsend, 1897).]

Thomomys bottae siccovallis Huey, 1945a: “El Cajón Canyon, 3200 feet altitude, east base of Sierra San Pedro Mártir, Baja California, Mexico, lat. 30°54' N.; long. 115°10' W.”

Onychomys macrotis Elliot, 1903b: “Head of San Antonio River, Lower California, Mexico.” [“west slope of San Pedro Martir Mountains (Hollister, 1914b:469); = *Onychomys torridus macrotis* Elliot, 1903.]

Sitomys americanus thurberi J. A. Allen, 1893d: “San Pedro Martir Mountains, Lower California, altitude 8200 feet.” [= *Peromyscus gambelii* (S. F. Baird, 1857).]

Sitomys martirensis J. A. Allen, 1893d: “San Pedro Martir Mountains, altitude 7000 feet.” [= *Peromyscus truei martirensis* (J. A. Allen, 1893).]

Socorro

Sorex californicus juncensis Nelson and Goldman, 1909: “Socorro, 15 miles south of San Quintin, Lower California, Mexico.” [= *Sorex ornatus juncensis* Nelson and Goldman, 1909.]

Todo Santos Island (see Isla Todo Santos)**Trinidad Valley** (see Valle de La Trinidad)**Vallecitos**

Peromyscus oresterus Elliot, 1903b: “Vallecitos, San Martir mountains, Lower California, Mexico, 9,000 feet elevation.” [= *Peromyscus gambelii* (J. Le Conte, 1853).]

Spilogale arizonae martirensis Elliot, 1903b: “Vallecitos, San Pedro Martir mountains, Lower California, 9,000 feet elevation.” [= *Spilogale gracilis martirensis* Elliot, 1903.]

Canis clepticus Elliot, 1903c: “Vallecitos, San Pedro Martir Mountains, 9,000 feet elevation,” Baja California. [= *Canis latrans clepticus* Elliot, 1903.]

Valladares

Neotoma fuscipes martirensis Orr, 1934: “Valladares, altitude 2700 feet, Sierra San Pedro Mártir, Lower California, Mexico.” [= *Neotoma macrotis* Thomas, 1893d.]

Valle de Nachoguero (Nachoguero Valley)

Peromyscus texanus medius Mearns, 1896a: “Nachoguero Valley, Lower California.” [= *Peromyscus gambelii* (S. F. Baird, 1857).]

Valle de la Trinidad (Trinidad Valley)

Citellus tereticaudus apricus Huey, 1927c: “Valle de la Trinidad, Lower California, Mexico, lat. 31° 20' north, long. 115° 40' west.” [= *Xerospermophilus tereticaudus apricus* (Huey, 1927).]

Dipodomys merriami trinidadensis Huey, 1951: "Aguajito Spring, El Valle de la Trinidad, Baja California, Mexico."

Vulpes macrotis tenuirostris Nelson and Goldman, 1931c: "Trinidad Valley, northwest base of San Pedro Martir Mountains, Lower California, Mexico (2,600 feet)." [= *Vulpes macrotis* Merriam, 1888.]

Yubay

Sylvilagus bachmani exiguus Nelson, 1907a: "Yubay, central Lower California, Mexico."

Perognathus arenarius ambiguus Nelson and Goldman, 1929c: "Yubay, 30 miles southeast of Calamahue, Lower California, Mexico (altitude 2,000 feet)." [Calamajué; = *Chaetodipus arenarius ambiguus* (Nelson and Goldman, 1929).]

BAJA CALIFORNIA SUR

Aguaje de San Esteban

Eutamias merriami meridionalis Nelson and Goldman, 1909: "Aguaje de San Esteban, about 25 miles northwest of San Ignacio, Lower California, Mexico (altitude about 1,200 ft)." [= *Neotamias obscurus meridionalis* (Nelson and Goldman, 1909).]

Bahía San Bartolomé (Turtle Bay)

Perognathus fallax inopinus Nelson and Goldman, 1929c: "Turtle (also known as San Bartolome) Bay, Lower California." [= *Chaetodipus fallax inopinus* (Nelson and Goldman, 1929).]

Buena Vista

Dipodomys merriami llanoensis Huey, 1951: "Buena Vista, Magdalena Plain, Baja California, Mexico, Lat. 24°50' N., Long. 111°50' W." [= *Dipodomys merriami melanurus* Merriam, 1893a.]

Cabo San Lucas (Cape St. Lucas, Cape San Lucas)

Vespertilio exilis H. Allen, 1866: "Cape St. Lucas." [= *Myotis californicus californicus* (Audubon and Bachman, 1842).]

Vespertilio obscurus H. Allen, 1866: "Lower California." [Herein restricted to Cabo San Lucas, Baja California Sur; = *Myotis yumanensis yumanensis* (H. Allen, 1864).]

Vespertilio tenuidorsalis H. Allen, 1866: "Cape St. Lucas, Lower Cal." [= *Myotis californicus californicus* (Audubon and Bachman, 1842).]

Vespertilio volans H. Allen, 1866: "Cape St. Lucas, Lower Cal." [= *Myotis volans* (H. Allen, 1866).]

Spilogale lucasana Merriam, 1890b: "Cape San Lucas, Lower California." [= *Spilogale gracilis lucasana* Merriam, 1890.]

Cajón de Tecómaja

Ovis canadensis weemsi Goldman, 1937a: "Cajon de Tecomaja, Sierra de la Giganta, about 30 miles south of Cerro de la Giganta, southern Lower California (altitude 2,000 feet)."

Carmen Island (see Isla Carmen)

Ceralbo Island (see Isla Cerralvo [= Isla Jacques Cousteau])

Comondú

Antrozous minor Miller, 1902: "Comondu, Lower California, Mexico." [= *Antrozous pallidus minor* Miller, 1902.]

Myotis micronyx Nelson and Goldman, 1909: "Comondu, Lower California, Mexico (altitude 700 feet)." [= *Myotis evotis micronyx* Nelson and Goldman, 1909.]

Spermophilus grammurus atricapillus Bryant, 1889: “Comondu, Lower California.” [= *Otospermophilus atricapillus* (Bryant, 1889).]

Neotoma intermedia raveda Nelson and Goldman, 1931b: “Comondu, southern Lower California, Mexico (altitude 700 feet).” [= *Neotoma bryanti bryanti* Merriam, 1887.]

Spilogale microdon Howell, 1906: “Comondu, Lower California.” [= *Spilogale gracilis martirensis* Elliot, 1903.]

Bassariscus astutus palmarius Nelson and Goldman, 1909: “Comondu, Lower California, Mexico (altitude 700 feet).”

Coronados Island (see Isla Coronado)

Danzante Island (see Isla Danzante)

Isla Carmen (Carmen Island)

Lepus californicus sheldoni Burt, 1933: “Carmen Island [(latitude 26° north, longitude 111° 12' west), Gulf of California], Lower California, Mexico.” [= *Lepus californicus xanti* Thomas, 1898a.]

Perognathus spinatus nelsoni Townsend, 1912: “Carmen Island.” [Preoccupied by *Perognathus nelsoni* Merriam, 1894e; replaced by *Perognathus spinatus occultus* Nelson, 1912b; = *Chaetodipus spinatus occultus* (Nelson, 1912).]

Perognathus spinatus occultus Nelson, 1912b (see *Perognathus spinatus nelsoni* Townsend, 1912). [= *Chaetodipus spinatus occultus* (Nelson, 1912).]

Neotoma nudicauda Goldman, 1905: “Carmen Island Lower California.” [= *Neotoma bryanti bryanti* Merriam, 1887.]

Peromyscus eremicus carmeni Townsend, 1912: “Carmen Island.” [= *Peromyscus eva carmeni* Townsend, 1912.]

Isla Cerralvo [= **Isla Jacques Cousteau**] (Cerralbo Island)

Perognathus penicillatus siccus Osgood, 1907a: “Cerralbo Island, Lower California.” [= *Chaetodipus siccus* (Osgood, 1907).]

Peromyscus eremicus avius Osgood, 1909: “Cerralbo Island, off east coast of southern Lower California” [= *Peromyscus avius* Osgood, 1909.]

Isla Coronados (Coronados Island)

Perognathus spinatus pullus Burt, 1932: “Coronados Island (latitude 26° 06' N., longitude 111° 18' W.), Gulf of California, Lower California.” [= *Chaetodipus spinatus pullus* (Burt, 1932).]

Neotoma bunkerii Burt, 1932: “Coronados Island (latitude, 26° 06' N., longitude, 111° 18' W.), Gulf of California, Lower California, Mexico.” [= *Neotoma bryanti bryanti* Merriam, 1887.]

Peromyscus pseudocrinitus Burt, 1932: “Coronados Island (latitude 26° 06' N., longitude 111° 18' W.), Gulf of California, Lower California, Mexico.” [= *Peromyscus fraterculus pseudocrinitus* Burt, 1932.]

Isla Danzante (Danzante Island)

Perognathus spinatus seorsus Burt, 1932: “Danzante Island, (latitude 25° 47' N., longitude 111° 11' W.), Gulf of California, Lower California, Mexico.” [= *Chaetodipus spinatus seorsus* (Burt, 1932).]

Neotoma lepida latirostra Burt, 1932: “Danzante Island (latitude, 25° 47' N., longitude, 111° 11' W.), Gulf of California, Lower California, Mexico.” [= *Neotoma bryanti bryanti* Merriam, 1887.]

Isla Espíritu Santo (Espíritu Santo Island)

Lepus insularis Bryant, 1891: “Espíritu Santo Island, Gulf of California, Mexico.” [= *Lepus californicus insularis* Bryant, 1891.]

Lepus edwardsi Saint-Loup, 1895: "Île de d'Espiritu-Santo." [= *Lepus californicus insularis* Bryant, 1891.]

Ammospermophilus leucurus insularis Nelson and Goldman, 1909: "Espiritu Santo Island, Lower California, Mexico."

Perognathus spinatus lambi Benson, 1930: "San Gabriel, Espiritu Santo Island, Lower California, Mexico." [= *Chaetodipus spinatus lambi* (Benson, 1930).]

Neotoma intermedia vicina Goldman, 1909: "Espiritu Santo Island, off east coast of southern Lower California, Mexico." [= *Neotoma bryanti bryanti* Merriam, 1887.]

Peromyscus eremicus insulicola Osgood, 1909: "Espiritu Santo Island, off east coast of southern Lower California." [= *Peromyscus fraterculus insulicola* Osgood, 1909.]

Bassariscus saxicola Merriam, 1897c: "Espiritu Santo Island, Lower California." [= *Bassariscus astutus saxicola* Merriam, 1897.]

Isla Magdalena (Magdalena Island)

Lepus californicus magdalenae Nelson, 1907a: "Magdalena Island, Lower California, Mexico."

Thomomys magdalenae Nelson and Goldman, 1909: "Magdalena Island, Lower California, Mexico." [= *Thomomys bottae anitae* J. A. Allen, 1898.]

Perognathus penicillatus albulus Nelson and Goldman, 1923: "Magdalena Island, Lower California." [= *Chaetodipus arenarius albulus* (Nelson and Goldman, 1923).]

Perognathus spinatus magdalenae Osgood, 1907a: "Magdalena Island, Lower California, Mexico." [= *Chaetodipus spinatus magdalenae* (Osgood, 1907).]

Peromyscus maniculatus magdalenae Osgood, 1909: "Magdalena Island, off west coast of southern

Lower California." [= *Peromyscus gambelii magdalenae* Osgood, 1909.]

Isla Monserrate (or **Isla Monserrat**; Monserrate Island)

Perognathus baileyi fornicatus Burt, 1932: "Monserrate Island (latitude 25° 38' N., longitude 111° 02' W.), Gulf of California, Lower California, Mexico." [= *Chaetodipus rudinoris fornicatus* (Burt, 1932).]

Peromyscus caniceps Burt, 1932: "Monserrate Island (latitude 25°38' N., longitude 111°02' W), Gulf of California, Lower California, Mexico."

Isla Natividad (Natividad Island)

Peromyscus maniculatus dorsalis Nelson and Goldman, 1931e: "Natividad Island, off west coast of Lower California, Mexico." [= *Peromyscus gambelii dorsalis* Nelson and Goldman, 1931.]

Isla San Francisco (San Francisco Island)

Perognathus spinatus latijugularis Burt, 1932: "San Francisco Island (latitude 24° 50' N., longitude 110° 34' W.), Gulf of California, Lower California, Mexico." [= *Chaetodipus spinatus latijugularis* (Burt, 1932).]

Neotoma abbreviata Goldman, 1909: San Francisco Island (near San Jose Island), off east coast of southern Lower California." [= *Neotoma bryanti bryanti* Merriam, 1887.]

Isla San José (San José Island)

Sylvilagus mansuetus Nelson, 1907a: "San José Island, Gulf of California, Mexico."

Perognathus bryanti Merriam, 1894d: "San José Island, Lower California." [= *Chaetodipus spinatus bryanti* (Merriam, 1894).]

Dipodomys insularis Merriam, 1907: "San José Island, Gulf of California, off Lower California, Mexico." [= *Dipodomys merriami insularis* Merriam, 1907.]

Neotoma intermedia perpallida Goldman, 1909: “San Jose Island, off east coast of Lower California.” [= *Neotoma bryanti* Merriam, 1887.]

Peromyscus eremicus cinereus Hall, 1931: “southwest end of San José Island (25° N. latitude), Lower California, Mexico.” [= *Peromyscus eva cinereus* Hall, 1931.]

Bassariscus astutus insulicola Nelson and Goldman, 1909: “San José Island, Lower California, Mexico.”

Isla San Marcos (San Marcos Island)

Perognathus spinatus marcosensis Burt, 1932: “San Marcos Island (latitude 27° 13' N., longitude 112° 05' W.), Gulf of California, Lower California, Mexico.” [= *Chaetodipus spinatus marcosensis* (Burt, 1932).]

Neotoma lepida marcosensis Burt, 1932: “San Marcos Island (latitude 27° 13' N., longitude, 112° 05' W.), Gulf of California, Lower California, Mexico.” [= *Neotoma bryanti marcosensis* Burt, 1932.]

Isla San Roque (San Roque Island)

Peromyscus cineritius J. A. Allen, 1898: “San Roque Island, Lower California.” [= *Peromyscus gambelii cineritius* J. A. Allen, 1898.]

Isla Santa Catalina (Santa Catalina Island)

Peromyscus slevini Mailliard, 1924: “Santa Catalina Island (25° 43' 50" N. Lat.), 17 miles N.E. of Punta San Marcial, Lower California.” [Geographical coordinates corrected to 25° 39' 03" N, 110° 49' 03" W by Carleton and Lawlor (2005:823).]

Isla Santa Cruz (Santa Cruz Island)

Peromyscus sejugis Burt, 1932: “Santa Cruz Island (latitude 25° 17' N., longitude 110° 43' W.), Gulf of California, Lower California, Mexico.”

Isla Santa Margarita (Margarita Island)

Dipodomys margaritae Merriam, 1907: “Margarita Island, Lower California.” [= *Dipodomys merriami margaritae* Merriam, 1907.]

Perognathus margaritae Merriam, 1894d: “Santa Margarita Island, Lower California.” [= *Chaetodipus spinatus margaritae* (Merriam, 1894).]

Perognathus penicillatus ammophilus Osgood, 1907a: “Margarita Island, Lower California.” [= *Chaetodipus ammophilus* (Osgood, 1907).]

Peromyscus eremicus polypoliis Osgood, 1909: “Margarita Island, off west coast of southern Lower California.” [= *Peromyscus fraterculus polypoliis* Osgood, 1909.]

Peromyscus maniculatus margaritae Osgood, 1909: “Margarita Island, off west coast of southern Lower California.” [= *Peromyscus gambelii margaritae* Osgood, 1909.]

Isla Tortuga (Tortuga Island)

Peromyscus dickeyi Burt, 1932: “Tortuga Island (latitude 27° 21' N., longitude 111° 54' W.), Gulf of California, Lower California, Mexico.”

Laguna Scammon (Scammon's Lagoon)

Perognathus arenarius sabulosus Huey, 1964: “. . . mainland on south side of Scammon's Lagoon, Baja California, Mexico.” [= *Chaetodipus arenarius sabulosus* (Huey, 1964).]

La Laguna

Sorex lagunae Nelson and Goldman, 1909: “La Laguna, Sierra Laguna, Lower California, Mexico (5,500 ft.).” [= *Sorex ornatus lagunae* Nelson and Goldman, 1909.]

Neotoma intermedia notia Nelson and Goldman, 1931b: “La Laguna, Sierra de la Victoria, southern

Lower California, Mexico (altitude 5500 feet.) [= *Neotoma bryanti bryanti* Merriam, 1887.]

Peromyscus truei lagunae Osgood, 1909: “La Laguna, Laguna Mountains, Lower California.”

La Paz

Thomomys bottae imitabilis Goldman, 1939c: “La Paz, southern Lower California, Mexico.” [= *Thomomys bottae anitae* J. A. Allen, 1898.]

Chaetodipus arenarius ramirezpulidoi Álvarez–Castañeda and Cortés–Calva, 2004: “El Mogote, 5 km N, 9 km W La Paz, Baja California Sur, México 7 msnm (24° 10' 110° 21').”

Perognathus arenarius sublucidus Nelson and Goldman, 1929c: “La Paz, Lower California.” [= *Chaetodipus ammophilus sublucidus* (Nelson and Goldman, 1929).]

Procyon lotor grinnelli Nelson and Goldman, 1930b: “La Paz, Lower California, Mexico.”

Llano de San Bruno

Dipodomys merriami brunensis Huey, 1951: “Llano de San Bruno, Baja California, Mexico.”

Llano de Yrais

Vulpes macrotis devius Nelson and Goldman, 1909: “Llano de Yrais, opposite Magdalena Island, Lower California, Mexico.”

Las Tres Pachitas

Perognathus baileyi extimus Nelson and Goldman, 1930a: “Tres Pachitas, 36 miles south of La Paz, Lower Baja California Sur, Mexico (altitude 700 feet).” [Las Tres Pachitas; = *Chaetodipus rudinoris extimus* (Nelson and Goldman, 1930).]

Margarita Island (see Isla Santa Margarita)

Matancita

Neotoma intermedia pretiosa Goldman, 1909: “Matancita (called also Soledad), 50 miles north of Magdalena Bay, Lower California, Mexico (altitude 100 feet).” [= *Neotoma bryanti bryanti* Merriam, 1887.]

Migriño

Perognathus dalquesti Roth, 1976: “4 miles SE Migriño (32 kilometers SSE Todos Santos), Baja California Sur, Mexico (23° 10' N, 110° 07' W).” [= *Chaetodipus ammophilus dalquesti* (Roth, 1976).]

Natividad Island (see Isla Natividad)

Punta San Pablo (San Pablo Point)

Peromyscus eremicus propinquus J. A. Allen, 1898: “San Pablo Point (San Pablo Bay), Lower California.”

Punta Stearns (Stearns Point)

Thomomys bottae litoris Burt, 1940: “Stearns Point, Magdalena Bay (west side), Lower California, Mexico.” [= *Thomomys bottae anitae* J. A. Allen, 1898.]

Saccaton

Ammospermophilus leucurus extimus Nelson and Goldman, 1929d: “Saccaton, 15 miles north of Cape San Lucas, Lower California, Mexico.”

San Ángel

Thomomys bottae russeolus Nelson and Goldman, 1909: “San Angel, 30 miles west of San Ignacio, Lower California, Mexico.”

San Francisco Island (see Isla San Francisco)

San Ignacio

Myotis yumanensis lambi Benson, 1947a: “San Ignacio, lat. 27° 17', Baja California, Mexico.”

Perognathus spinatus broccus Huey, 1960b: “San Ignacio, lat. 27° 17' N., Baja California.” [= *Chaetodipus spinatus broccus* (Huey, 1960).]

Urocyon cinereoargenteus peninsularis Huey, 1928b: “San Ignacio, Lower California, Mexico, lat. 27° 24' north, long. 112° 59' west.”

San Jorge

Myotis capitaneus Nelson and Goldman, 1909: “San Jorge, 30 miles southwest of Comondu, Lower California, Mexico (altitude 100 feet).” [= *Myotis volans volans* (H. Allen, 1866).]

Thomomys bottae incomptus Goldman, 1939c: “San Jorge, near Pacific coast west of Pozo Grande and about 25 miles southwest of Comondu, southern Lower California, Mexico (altitude 50 feet).” [= *Thomomys bottae anitae* J. A. Allen, 1898.]

Perognathus arenarius Merriam, 1894d: “San Jorge, near Comondu, Lower California.” [= *Chaetodipus arenarius* (Merriam, 1894).]

San José del Cabo

Myotis peninsularis Miller, 1898b: “San José del Cabo, Lower California.”

Dipodomys merriami melanurus Merriam, 1893a: “San José del Cabo, Lower California.”

Perognathus spinatus peninsulae Merriam, 1894d: “San José del Cabo, Peninsula of Lower California.” [= *Chaetodipus spinatus peninsulae* (Merriam, 1894).]

Neotoma arenacea J. A. Allen, 1898: “San José del Cabo, Lower California.” [= *Neotoma bryanti bryanti* Merriam, 1887.]

Peromyscus eva Thomas, 1898a: “San José del Cabo, Lower California.”

San José Island (see Isla San José)

San Marcos Island (see Isla San Marcos)

San Pablo Point (see Punta San Pablo)

San Roque Island (see Isla San Roque)

Santa Anita

Natalus mexicanus Miller, 1902: “Santa Anita, Lower California, Mexico.”

Lepus californicus xanti Thomas, 1898a: “Santa Anita, Lower California.”

Lepus peninsularis J. A. Allen, 1898: “Santa Anita, Lower California.” [= *Sylvilagus bachmani peninsularis* (J. A. Allen, 1898).]

Thomomys fulvus anitae J. A. Allen, 1898: “Santa Anita, Lower California.” [= *Thomomys bottae anitae* J. A. Allen, 1898.]

Peromyscus leucopus coolidgei Thomas, 1898a: “Santa Anita, Cape Region of Lower California.” [= *Peromyscus gambelii coolidgei* Thomas, 1898.]

Oryzomys peninsulae Thomas, 1897: “Santa Anita, Lower California.”

Lynx rufus peninsularis Thomas, 1898a: “Santa Anita, Lower California.”

Canis peninsulae Merriam, 1897a: “Santa Anita, Cape St. Lucas, Lower California.” [= *Canis latrans peninsulae* Merriam, 1897.]

Taxidea taxus infusca Thomas, 1898d: “Santa Anita, Lower California.” [= *Taxidea taxus berlandieri* S. F. Baird, 1857.]

Santa Catalina Island (see Isla Santa Catalina)

Santa Cruz Island (see Isla Santa Cruz)

Santo Domingo

Dipodomys peninsularis australis Huey, 1951: "Santo Domingo, Magdalena Plain, Baja California, Mexico, lat. 25° 30' N." [= *Dipodomys simulans peninsularis* (Merriam, 1907).]

Scammon's Lagoon (see Laguna Scammon)**Sierra Laguna**

Vespertilio fuscus peninsulae Thomas, 1898a: "Sierra Laguna, Lower California." [= *Eptesicus fuscus peninsulae* (Thomas, 1898).]

Dasypterus ega xanthinus Thomas, 1897: "Sierra Laguna, Lower California." [= *Lasiurus xanthinus* (Thomas, 1897).]

Thomomys fulvus alticola J. A. Allen, 1899: "Sierra Laguna, (altitude 7000 feet), Lower California." [= *Thomomys bottae anitae* J. A. Allen, 1898.]

Mazama hemionus peninsulae Lydekker, 1898: "Sierra Laguna." [Defined by I. McT. Cowan (1936: 232) as "between La Laguna and Victoria Mt., Sierra Laguna, at an altitude of about 6000 feet." [= *Odocoileus hemionus peninsulae* (Lydekker, 1898).]

Stearns Point (see Punta Stearns)**Tortuga Island** (see Isla Tortuga)**Turtle Bay** (see Bahía San Bartolomé)**CAMPECHE****Apazote**

Sciurus deppei vivax Nelson, 1901b: "Apazote, Campeche, Mexico."

Sciurus yucatanensis baliolus Nelson, 1901b: "Apazote, Campeche."

Dasyprocta punctata yucatanica Goldman, 1913: "Apazote (near Yohaltun), Campeche, Mexico."

Oryzomys fulvescens mayensis Goldman, 1918b: "Apazote, (near Yohaltun), Campeche, Mexico. Altitude, 200 feet." [= *Oligoryzomys fulvescens mayensis* (Goldman, 1918).]

Peromyscus yucatanicus badius Osgood, 1904: "Apazote, Campeche, Mexico."

Otodylomys phyllotis phaeus Merriam, 1901h: "Apazote, near Yohaltun, Campeche." [= *Otodylomys phyllotis phyllotis* Merriam, 1901h.]

Jentinkia sumichrasti campechensis Nelson and Goldman, 1932b: "Apazote (near Yohaltun), central Campeche, Mexico." [= *Bassariscus sumichrasti sumichrasti* (de Saussure, 1860).]

Tayassu albirostris ringens Merriam, 1901e: "Apazote, near Yohaltun, Campeche." [= *Tayassu pecari ringens* Merriam, 1901.]

Campeche

Heterogeomys hispidus yucatanensis Nelson and Goldman, 1929b: "Campeche, Campeche, Mexico (altitude 50 feet)."

Ciudad del Carmen

Reithrodontomys gracilis insularis J. K. Jones, 1964: "8 mi ENE Ciudad del Carmen, Isla del Carmen, Campeche."

La Tuxpeña

Procyon lotor shufeldti Nelson and Goldman, 1931a: "La Tuxpeña, Champoton, southeastern Campeche, Mexico." [= *Procyon lotor hernandezii* Wagler, 1831.]

Potos flavus campechensis Nelson and Goldman, 1931d: "La Tuxpeña, Champoton, Campeche, Mexico." [= *Potos flavus chiriquiensis* J. A. Allen, 1904a.]

Yohaltún

Peromyscus texanus castaneus Osgood, 1904: "vicinity of Yohaltun, Campeche, Peninsula of Yucatan,

Mexico.” [= *Peromyscus leucopus castaneus* Osgood, 1904.]

Felis hernandesii goldmani Mearns, 1901a: “Yohatlan, Campeche, Mexico.” [Yohaltún; = *Panthera onca goldmani* (Mearns, 1901).]

CHIAPAS

Canjob

Reithrodontomys fulvescens chiapensis Howell, 1914: “Canjob, Chiapas, Mexico.”

Chicharras

Heteromys goldmani Merriam, 1902a: “Chicharras, Chiapas, Mexico.”

Oryzomys hylocetes Merriam, 1901f: “Chicharras, Chiapas, Mexico.” [= *Oryzomys saturator hylocetes* Merriam, 1901.]

El Triunfo

Peromyscus carolpattonae Álvarez–Castañeda, Lorenzo, Segura–Trujillo, and Pérez–Consuegra. 2019: Campamento El Triunfo, RB El Triunfo, Polígono I, Sendero Cerro la Bandera, at Mexico, Chiapas, El Triunfo (15.6568° N, -92.8093° W.)

Escuintla

Molossus aztecus lambi Gardner, 1966: “11 km. northwest from Escuintla, Chiapas, México, ca. 100 feet elevation.” [Escuintla; = *Molossus coibensis* J. A. Allen, 1904c.]

Huehuetán

Myotis nigricans extremus Miller and Allen, 1928: “Huehuetan, Chiapas, Mexico. Altitude, 300 feet.”

Sciurus goldmani Nelson, 1898a: “Huehuetan, Chiapas, Mexico.” [= *Sciurus variegatoides goldmani* Nelson, 1898.]

Liomys crispus setosus Merriam, 1902a: “Huehuetan, Chiapas, Mexico.” [= *Heteromys salvini crispus* (Merriam, 1902).]

Dasyprocta punctata chiapensis Goldman, 1913: “Huehuetán, southern Chiapas, Mexico.”

Peromyscus allophylus Osgood, 1904: “Huehuetan, Chiapas, Mexico.” [= *Peromyscus gymnotis* Thomas, 1894b.]

Pecari angulatus nelsoni Goldman, 1926: “Huehuetan (altitude 500 feet), Chiapas, Mexico.” [= *Dicotyles crassus nelsoni* (Goldman, 1926).]

Odocoileus thomasi Merriam, 1898b: “Huehuetan, Chiapas, Mexico.” [= *Odocoileus virginianus thomasi* Merriam, 1898.]

Huixtla

Rhogeessa bickhami A. B. Baird, Marchán–Rivadeneira, Pérez and Baker, 2012: “23.6 mi N Huixtla, Chiapas, Mexico.”

Rhogeessa genowaysi R. J. Baker, 1984: “Chiapas; 23.6 mi by road (Mex. Hwy 200) northwest of Huixtla.” [Corrected to: “23.6 mi N Huixtla, Chiapas” by A. B. Baird et al. (2012:11).]

Orthogeomys grandis huixtlae Villa R., 1944: “la finca cafetera ‘Lubeca’, doce kilómetros al N.E. de Huixtla, Estado de Chiapas, México, a 850 metros de altura sobre el nivel del mar.”

La Esperanza (Finca Esperanza)

Orthogeomys grandis soconuscensis Villa R., 1949a: “Finca ‘Esperanza’, 710 m., 45 Km (por camino) NO. Huixtla, Chiapas.”

Potos flavus dugesii Villa R., 1944: “las cercanías al S. E. de la finca cafetera ‘La Esperanza’, 45 kms. al N. O. de Huixtla y a 760 metros de altura sobre el nivel del mar.” [= *Potos flavus chiriquensis* J. A. Allen, 1904a.]

Mapastepec

Oryzomys fulvescens pacificus Hooper, 1952b: “México, Chiapas, Mapastepec, 150 feet elevation.” [= *Oligoryzomys fulvescens pacificus* (Hooper, 1952).]

Ocuilapa

Scotinomys teguina subnubilus Goldman, 1935: “Ocuilapa, 10 miles northwest of Ocozucuautila and about 25 miles west of Tuxtla Gutierrez, Chiapas, Mexico (altitude 3,500 feet).” [Ocozucuautila; = *Scotinomys teguina teguina* (Alston, 1877).]

Palenque

Uroderma bilobatum molaris W. B. Davis, 1968: “16 mi. NW Palenque, 100 ft, Chiapas, México.” [= *Uroderma convexum molaris* W. B. Davis, 1968.]

Pinabete

Heteromys nelsoni Merriam, 1902a: “Pinabete, Chiapas, Mexico.”

Putorius frenatus goldmani Merriam, 1896a: “Pinabete, Chiapas, Mexico.” [= *Mustela frenata goldmani* (Merriam, 1896).]

Pozo de Petróleo

Ototylomys chiapensis Porter, Beasely, Ordóñez–Garza, Lindsey, Rogers, Lewis–Rogers, Sites, and Bradley, 2017: “Pozo de Petróleo, 11 km northwest (by road) Berriozábal, La Pera Conservation Area, Chiapas, México.”

Prusia

Rheomys thomasi chiapensis Hooper, 1947: “México, Chiapas, Prusia, 1100 meters.”

Pueblo Nuevo Solistahuacán

Potos flavus boothi Goodwin, 1957: “Pueblo Nuevo, Solistahuacán, about 60 miles north of Tuxtla Gutierrez, Chiapas, México. Altitude approxi-

mately 7000 feet.” [= *Potos flavus chiriquensis* J. A. Allen, 1904a.]

San Bartolomé

Spilogale angustifrons elata Howell, 1906: “San Bartolomé, Chiapas.”

San Cristóbal de Las Casas

Cryptotis griseoventris Jackson, 1933: “San Cristobal, altitude 9500 feet, State of Chiapas, Mexico.”

Sorex saussurei cristobalensis Jackson, 1925: “San Cristobal, altitude 8,400 feet, State of Chiapas, Mexico.” [= *Sorex salvini cristobalensis* Jackson, 1925.]

Sorex stizodon Merriam, 1895c: “San Cristobal, Chiapas, Mexico.”

Sorex veraepacis chiapensis Jackson, 1925: “San Cristobal, altitude 9,500 feet, State of Chiapas, Mexico.”

Lepus floridanus chiapensis Nelson, 1904a: “San Cristobal, Chiapas.” [= *Sylvilagus floridanus aztecus* (J. A. Allen, 1890).]

Sciurus griseoflavus chiapensis Nelson, 1899b: “San Cristobal, Chiapas, Mexico.” [= *Sciurus aureogaster nigrescens* Bennett, 1833.]

Neotoma ferruginea chamula Goldman, 1909: “mountains near San Cristobal, Chiapas, Mexico. Altitude 8,400 feet.”

Peromyscus zarhynchus cristobalensis Merriam, 1898d: “San Cristobal, Chiapas, Mexico.” [= *Peromyscus zarhynchus* Merriam, 1898.]

Odocoileus nelsoni Merriam, 1898b: “San Cristobal, highlands of Chiapas, Mexico.” [= *Odocoileus virginianus nelsoni* Merriam, 1898.]

San Miguel

Liomys pinetorum Goodwin, 1956b: “San Miguel, about 4000 feet elevation, 24 kilometers northeast

of Tonalá, Cerro Tres Picos, District of Tonalá, Chiapas, México.” [= *Heteromys pictus pictus* Thomas, 1893b.]

San Vicente

Canis goldmani Merriam, 1904d: “San Vicente, Chiapas, Mexico, near Guatemala border.” [= *Canis latrans goldmani* Merriam, 1904.]

Tapachula

Oryzomys alfaroi agrestis Goodwin, 1959c: “12 miles southeast of Tapachula, Chiapas, Mexico; altitude 1000 feet.”

Tenejapa

Heterogeomys hispidus chiapensis Nelson and Goldman, 1929b: “Tenejapa, about 16 miles northeast of San Cristobal, Chiapas, Mexico (altitude 7,800 feet).”

Teopisca

Sciuropterus volans goldmani Nelson, 1904b: “20 miles southeast of Teopisca, Chiapas, Mexico.” [= *Glaucomys volans goldmani* (Nelson, 1904).]

Sigmodon hispidus villae Goodwin, 1958a: “5 miles southeast of Teopisca, Chiapas, altitude about 6000 feet.” [= *Sigmodon zanjonensis* Goodwin, 1932.]

Tonalá

Glossophaga commissarisi Gardner, 1962: “10 km. S.E. Tonalá, Chiapas, Mexico.”

Liomys crispus Merriam, 1902a: “Tonala, Chiapas, Mexico.” [= *Heteromys salvini crispus* (Merriam, 1902).]

Heteromys griseus Merriam, 1902a: “Mountains near Tonalá, Chiapas, Mexico.” [= *Heteromys desmarestianus desmarestianus* Gray, 1868.]

Sigmodon hispidus tonalensis Bailey, 1902: “Tonala, Chiapas, Mexico.” [= *Sigmodon mascotensis* J. A. Allen, 1897.]

Tumbalá

Sorex sclateri Merriam, 1897d: “Tumbala, Chiapas, Mexico (alt., 5000 ft.)”

Oryzomys chapmani saturator Merriam, 1901f: “Tumbala, Chiapas.” [= *Oryzomys saturator saturator* Merriam, 1901.]

Peromyscus zarhynchus Merriam, 1898d: “Tumbala, Chiapas, Mexico.”

Tylomys tumbalensis Merriam, 1901h: “Tumbala, Chiapas, Mexico.”

Tuxtla Gutiérrez

Orthogeomys grandis annexus Nelson and Goldman, 1933a: “Tuxtla Gutierrez, Chiapas, Mexico (altitude 2,600 feet).”

Tylomys bullaris Merriam, 1901h: “Tuxtla, Chiapas, Mexico.”

Valley of Comitán (see Valle de Comitán)

Valle de Comitán (Valley of Comitán)

Tadarida intermedia Shamel, 1931: “Valley of Comitán, Chiapas, Mexico.” [= *Tadarida brasiliensis intermedia* Shamel, 1931.]

Peromyscus musculus nigrescens Osgood, 1904: “Valle de Comitán, Chiapas, Mexico.” [= *Baiomys musculus nigrescens* (Osgood, 1904).]

Villa Flores

Reithrodontomys mexicanus scansor Hooper, 1950a: “México, Chiapas, Villa Flores, elevation 2000 feet.”

Yaxchilán Archaeological Site

Cryptotis lacandonensis Guevara, Sánchez-Cordero, León-Paniagua, and Woodman, 2014: “Yaxchilán Archaeological Site, 90–m elevation, municipality of Ocosingo, Chiapas, Mexico (... 16° 54' N, 90° 58' W).”

CHIHUAHUA

Estado de Chihuahua (no specific locality)

Glaucomys volans madrensis Goldman, 1936: "Sierra Madre, Chihuahua, Mexico." [Specimen (USNM 261694) received in March 1926 from A. L. Herrera.]

Altamirano

Thomomys umbrinus caliginosus Nelson and Goldman, 1934a: "eight miles west of Altamirano, Sierra Madre, northwestern Chihuahua, Mexico (altitude 8,000 feet)." [= *Thomomys umbrinus intermedius* Mearns, 1897d.]

Batopilas

Thomomys umbrinus chihuahuae Nelson and Goldman, 1934a: "Sierra Madre, about 65 miles east of Batopilas, Chihuahua, Mexico (altitude 7,000 feet)." [= *Thomomys sheldoni chihuahuae* Nelson and Goldman, 1934.]

Perognathus artus Osgood, 1900: "Batopilas, Chihuahua, Mexico." [= *Chaetodipus artus* (Osgood, 1900).]

Camargo

Thomomys umbrinus camargensis S. Anderson, 1972: "1 mi. S Camargo, Chihuahua, at 3950 ft." [= *Thomomys umbrinus goldmani* Merriam, 1901d.]

Cañón Pilaes (Pilaes Canyon)

Thomomys umbrinus madrensis Nelson and Goldman, 1934a: "Pilaes Canyon, 10 miles northeast of Colonia Garcia, and about 25 miles southwest of Casas Grandes, Chihuahua, Mexico (altitude 6,400 feet)." [= *Thomomys umbrinus intermedius* Mearns, 1897d.]

Carimechi

Urocyon cinereoargenteus madrensis Burt and Hooper, 1941: "Carimechi, Río Mayo, Chihuahua, Mexico."

Casas Grandes

Perognathus apache melanotis Osgood, 1900: "Casas Grandes, Chihuahua, Mexico." [= *Perognathus flavescens melanotis* Osgood, 1900.]

Ursus machetes Elliot, 1903d: "Casa Grande, Sierra Madre, State of Chihuahua, Mexico." [Casas Grandes; = *Ursus americanus machetes* Elliot, 1903.]

Cerro la Campana (Cerro Campana)

Eutamias dorsalis nidoensis Lidicker, 1960: "5 mi N Cerro Campana, 5600 ft., Chihuahua, Mexico." [= *Neotamias dorsalis nidoensis* (Lidicker, 1960).]

Chihuahua

Neotoma mexicana S. F. Baird, 1855: "near Chihuahua." [Emended to "Mountains near Chihuahua, State of Chihuahua" by Miller and Rehn (1901:106).]

Reithrodontomys fulvescens canus Benson, 1939: "five miles southeast of Chihuahua, Chihuahua, Mexico."

Colonia García

Sciurus aberti barberi J. A. Allen, 1904b: "Colonia Garcia, Chihuahua."

Peromyscus melanotis zamelas Osgood, 1904: "Colonia Garcia, Chihuahua, Mexico (altitude 6700 feet)." [= *Peromyscus melanotis* J. A. Allen and Chapman, 1897.]

Peromyscus polius Osgood, 1904: "Colonia Garcia, Chihuahua, Mexico."

Felis hipolestes aztecus Merriam, 1901i: "Colonia Garcia, Chihuahua, Mexico." [= *Puma concolor cougar* (Kerr, 1792).]

Canis nubilus baileyi Nelson and Goldman, 1929a: "Colonia Garcia (about 60 miles southwest of Casas Grandes), Chihuahua, Mexico (altitude

6,700 feet.)” [= *Canis lupus baileyi* Nelson and Goldman, 1929.]

Ursus nelsoni Merriam, 1914: “Colonia Garcia, Chihuahua, Mexico.” [= *Ursus arctos horribilis* Ord, 1815.]

Colonia Juárez (Juarez)

Thomomys toltecus J. A. Allen, 1893b: “Juarez, northern Chihuahua.” [Locality defined by Bailey (1915:86) as “Colonia Juarez, Mexico (on the Casas Grandes River at about 4,500 feet altitude in northwestern Chihuahua)”]; = *Thomomys bottae toltecus* J. A. Allen, 1893.]

Eagle Mountain

Spilogale ambigua Mearns, 1897a: “Eagle Mountain, Chihuahua, Mexico (about four miles south of Monument No. 15, Mexican boundary line).” [Geographical coordinates “lat. 31° 47', long. 30° 15' (Lyon and Osgood, 1909:222); = *Spilogale gracilis leucoparia* Merriam, 1890b.]

El Rosario

Dipodomys ordii pullus S. Anderson, 1972: “El Rosario, Chihuahua, at 6700 ft.”

Escalón

Peromyscus sonoriensis blandus Osgood, 1904: “Escalon, Chihuahua, Mexico.” [= *Peromyscus labecula blandus* Osgood, 1904.]

Espía

Procyon hernandezii mexicana S. F. Baird, 1857: “Espía, in Sonora.” [State of Chihuahua; = *Procyon lotor hernandezii* Wagler, 1831.]

Galeana

Microtus pennsylvanicus chihuahuensis W. G. Bradley and Cockrum, 1968: “3 miles southeast of Galeana, northwestern Chihuahua, Mexico, at an elevation of approximately 1400 meters.”

Gallego

Cratogeomys castanops consitus Nelson and Goldman, 1934b: “Gallego, Chihuahua, Mexico (altitude 5,500 feet).”

Gavilan River (see Río Gavilán)

Guadalupe y Calvo [“Specimens labeled ‘Sierra Madre near Guadalupe y Calvo’ were taken at various elevations in the vicinity of Hacienda del Tule, at the east base of Cerro Mohinora, the highest part of the Sierra Madre” (Goldman 1951:127–128).]

Callospermophilus madrensis Merriam, 1901h: “Sierra Madre, near Guadalupe y Calvo, Chihuahua, Mexico (altitude, 7,000 feet).”

Neotoma mexicana madrensis Goldman, 1905: “Sierra Madre, near Guadalupe y Calvo, Chihuahua, Mexico (altitude, 7000 feet).” [= *Neotoma mexicana mexicana* S. F. Baird, 1855.]

Reithrodontomys megalotis obscurus Merriam, 1901g: “Sierra Madre, near Guadalupe y Calvo, Chihuahua, Mexico.” [= *Reithrodontomys zacatecae* Merriam, 1901.]

Nasua narica pallida J. A. Allen, 1904a: “Sierra Nevada (vicinity of Guadalupe y Calva), Chihuahua, Mexico.” [Guadalupe y Calvo; = *Nasua narica molaris* Merriam, 1902b.]

Janos

Reithrodon megalotis S. F. Baird, 1857: “Between Janos, Sonora, and San Luis Spring.” [Janos Plain, on wagon road between Janos, Chihuahua, and San Luis Springs, Monument No. 66, Grant County, New Mexico” (Mearns 1907:541); San Luis Springs is now in Hidalgo County, New Mexico; = *Reithrodontomys megalotis* (S. F. Baird, 1857).]

Lago Santa María (Lake Santa Maria)

Ovis mexicanus Merriam, 1901a: “Lake Santa Maria, Chihuahua.” [= *Ovis canadensis mexicana* Merriam, 1901.]

La Junta

Spermophilus pilosoma altiplanensis S. Anderson, 1972: "3 miles east-southeast of La Junta, Chihuahua, at 6900 ft." [= *Xerospermophilus pilosoma altiplanensis* (S. Anderson, 1972).]

Onychomys torridus ater S. Anderson, 1972: "11 mi. E La Junta, Chihuahua." [= *Onychomys arenicola ater* S. Anderson, 1972.]

Miñaca

Perognathus flavus fuscus S. Anderson, 1972: "2 mi. W Miñaca, 6900 ft."

Pacheco

Corynorhinus megalotis mexicanus G. M. Allen, 1916: "Mexico: Chihuahua, near Pacheco." [= *Corynorhinus mexicanus* G. M. Allen, 1916.]

Parral

Thomomys nelsoni Merriam, 1901d: "Parral, Chihuahua, Mexico." [= *Thomomys umbrinus goldmani* Merriam, 1901.]

Dipodomys spectabilis zygomaticus Goldman, 1923: "Parral, southern Chihuahua, Mexico."

Liomys canus Merriam, 1902a: "Parral, Chihuahua." [= *Heteromys irroratus alleni* Coues, 1881.]

Sigmodon ochrognathus madrensis Goldman and Gardner, 1947: "foothills of Sierra Madre, about 30 miles northwest of Parral, altitude 6,200 feet, southern Chihuahua, Mexico." [= *Sigmodon ochrognathus* Bailey, 1902.]

Presidio del Norte

Geomys clarkii S. F. Baird, 1855: "Presidio del Norte, on the Rio Grande." [= *Cratogeomys castanops castanops* (S. F. Baird, 1852).]

Rancho San Ignacio

Thomomys umbrinus juntae S. Anderson, 1972: "Rancho San Ignacio, 4 mi. S and 1 mi. W Santo Tomás, Chihuahua." [= *Thomomys umbrinus goldmani* Merriam, 1901d.]

Río Gavilán (Gavilan River)

Microtus mexicanus madrensis Goldman, 1938b: "Gavilan River, five miles west of Colonia Garcia, about 60 miles southwest of Casas Grandes, Chihuahua, Mexico (altitude 6,700 feet)."

Samalayuca

Citellus pilosoma ammophilus Hoffmeister, 1959: "5½ mi. N Samalayuca, Chihuahua, Mexico." [= *Xerospermophilus pilosoma ammophilus* (Hoffmeister, 1959).]

Dipodomys ordii extractus Setzer, 1949: "1 mi. E Samalayuca, 4500 ft., Chihuahua, Mexico."

Onychomys leucogaster albescens Merriam, 1904a: "Samalayuca, Chihuahua, Mexico."

San Buenaventura

Peromyscus eremicus alcorni S. Anderson, 1972: "11 mi. NNW San Buenaventura, Chihuahua."

San José Babícora (S. J. Babícora)

Spermophilus pilosoma bavicorensis S. Anderson, 1972: "2 miles southwest of S. J. Babícora, Chihuahua, at 7450 ft." [= *Xerospermophilus pilosoma bavicorensis* (S. Anderson, 1972).]

Sierra en Media ["a low desert mountain range lying about 6 miles east of the base of the Sierra Madre, near the southern border of New Mexico" (Goldman 1951:125).]

Odocoileus hemionus canus Merriam, 1901h: "Sierra en Media, Chihuahua, Mexico." [= *Odocoileus hemionus eremicus* (Mearns, 1897b).]

Antilocapra americana mexicana Merriam, 1901a:
“Sierra en Media, Chihuahua, Mexico.”

COAHUILA

Arteaga

Leptonycteris nivalis longala Stains, 1957: “12 mi. S and 2 mi. E Arteaga, 7,500 ft., Coahuila.” [= *Leptonycteris nivalis* (de Saussure, 1860).]

Bella Unión

Myotis planiceps R. H. Baker, 1955b: “7 mi. S and 4 mi. E Bella Unión, 7200 ft., Coahuila.”

Boquillas

Thomomys bottae villai R. H. Baker, 1953: “7 mi. S and 2 mi. E Boquillas, 1800 ft., Coahuila.”

Carneros

Cratogeomys castanops subnubilus Nelson and Goldman, 1934b: “Carneros, Coahuila, Mexico (altitude 6,800 feet).” [= *Cratogeomys goldmani subnubilus* Nelson and Goldman, 1934.]

Club Sierra del Carmen

Scalopus montanus R. H. Baker, 1951a: “Club Sierra del Carmen, 2 mi. N and 6 mi. W Piedra Blanca, Coahuila, Mexico.” [= *Scalopus aquaticus montanus* R. H. Baker, 1951.]

Don Martín

Cratogeomys castanops ustulatus Russell and Baker, 1955: “Don Martín, 800 ft., Coahuila.” [= *Cratogeomys castanops castanops* (S. F. Baird, 1852).]

Fortín

Thomomys bottae retractus R. H. Baker, 1953: “Fortín, 3300 ft., 33 mi. N and 1 mi. E San Gerónimo, Coahuila.” [Corrected to “approximately 7 miles north of the Hacienda Las Margaritas and 20 miles north and 2 miles east of San Gerónimo” by R. H. Baker (1956:220).]

Gómez Farías

Peromyscus melanophrys coahuilensis R. H. Baker, 1952: “Gomez Farías, 6500 ft., Coahuila, Mexico.” [Clarified in the description of the range of specimen 35019 KU (holotype) as “7 mi. S and 1 mi. E Gomez Farías”; = *Peromyscus zamorae* Osgood, 1904; see López-González et al. 2019.]

Hacienda San Miguel

Thomomys bottae humilis R. H. Baker, 1953: “3 mi. W Hda. [Hacienda] San Miguel, 2200 ft., Coahuila.”

Hermanas

Cratogeomys castanops jucundus Russell and Baker, 1955: “Hermanas, 1205 ft., Coahuila.” [= *Cratogeomys castanops consitus* Nelson and Goldman, 1934b.]

Jaco [Chihuahua]

Pappogeomys castanops perexiguus Russell, 1968: “6 mi. E Jaco, Chihuahua, 4500 ft., in Coahuila.” [= *Cratogeomys castanops consitus* Nelson and Goldman, 1934b.]

Jaral (see San Antonio del Jaral)

Jiménez

Pipistrellus subflavus clarus R. H. Baker, 1954b: “2 mi. W Jiménez, el. 850 feet, Coahuila.” [= *Perimyotis subflavus clarus* (R. H. Baker, 1954).]

Las Vacas (see Villa Acuña)

La Ventura

Cynomys mexicanus Merriam, 1892a: “La Ventura, Coahuila, Mexico.”

Citellus spilosoma pallescens Howell, 1928: “La Ventura, Coahuila, Mexico.” [= *Xerospermophilus spilosoma pallescens* (Howell, 1928).]

Dipodomys nelsoni Merriam, 1907: “La Ventura, Coahuila, Mexico.”

Nava

Cratogeomys castanops bullatus Russell and Baker, 1955: "2 mi. S and 6½ mi. E Nava, 810 ft., Coahuila." [= *Cratogeomys castanops castanops* (S. F. Baird, 1852).]

Ocampo

Sylvilagus floridanus nelsoni R. H. Baker, 1955a: "22 mi. S and 5 mi. W Ocampo, 5925 ft., Coahuila." [= *Sylvilagus robustus* (Bailey, 1905).]

Cratogeomys castanops sordidulus Russell and Baker, 1955: "1.5 mi. NW Ocampo, 3300 ft., Coahuila." [= *Cratogeomys castanops consitus* Nelson and Goldman, 1934b.]

Peromyscus hooperi Lee and Schmidly, 1977: "2.5 mi W, 21 mi S Ocampo, 3,500 ± ft., Coahuila, México."

Parras

Mormops megalophylla Peters, 1864c: "Mexico." [Restricted to southern México by Rehn (1902:167); interpreted by Goodwin (1969:55) as Parras, Tehuantepec, Oaxaca; corrected to Parrás, Coahuila by J. D. Smith (1972:116); = *Mormoops megalophylla* (Peters, 1864).]

Río Nazas

Sigmodon berlandieri S. F. Baird, 1855: "Collected between San Antonio and El Paso, by Mr. Clark, and in Northern Mexico, by Lt. Couch." [Restricted to "Río Nazas, Coahuila" by Bailey (1902:107); Coahuila; = *Sigmodon hispidus berlandieri* S. F. Baird, 1855.]

Saltillo

Neotoma goldmani Merriam, 1903a: "Saltillo, Coahuila, Mexico."

San Antonio de las Alazanas

Pappogeomys castanops elibatus Russell, 1968: "12 mi. W San Antonio de las Alazanas, about 7500 ft.,

Coahuila." [= *Cratogeomys goldmani subnubilus* Nelson and Goldman, 1934b.]

Peromyscus difficilis petricola Hoffmeister and de la Torre, 1959: "12 mi. E. San Antonio de las Alazanas, 9000 ft., Coahuila, Mexico."

San Antonio del Jaral (Jaral)

Cratogeomys castanops subsimus Nelson and Goldman, 1934b: "Jaral, southeastern Coahuila, Mexico." [= *Cratogeomys castanops consitus* Nelson and Goldman, 1934b.]

Perognathus intermedius canescens Merriam, 1894e: "Jaral, Coahuila, Mexico." [= *Chaetodipus nelsoni canescens* (Merriam, 1894).]

Vulpes macrotis zinseri Benson, 1938: "San Antonio de Jaral, southeastern Coahuila, Mexico." [= *Vulpes macrotis* Merriam, 1888.]

San Pedro ["Railroad station 10 miles west of Laguna de Mayrán in an arid interior basin in the southwestern part of the state" (Goldman 1951:132).]

Cratogeomys castanops excelsus Nelson and Goldman, 1934b: "San Pedro, 10 miles west of Laguna de Mayrán, Coahuila, Mexico." [= *Cratogeomys castanops consitus* Nelson and Goldman, 1934b.]

San Pedro de la Colonias (San Pedro)

Perognathus flavus pallescens R. H. Baker, 1954a: "1 mi. SW San Pedro de las Colonias, 3700 ft. elevation, Coahuila."

Sierra de Guadalupe (Sierra Guadalupe) ["Sierra de Guadalupe, sometimes known as Sierra de Patos, and usually omitted on maps, is a range of mountains reaching 9,500 feet, about 20 miles southwest of Saltillo, Coahuila" (Goldman 1951:133).]

Eutamias bulleri solivagus Howell, 1922: "Sierra Guadalupe, Coahuila, Mexico." [= *Neotamias solivagus* (Howell, 1922).]

Thomomys umbrinus analogus Goldman, 1938a: “Sierra Guadalupe, southeastern Coahuila, Mexico.” [= *Thomomys bottae analogus* Goldman, 1938.]

Neotoma navus Merriam, 1903a: “Sierra Guadalupe, Coahuila, Mexico.” [= *Neotoma mexicana nava* Merriam, 1903.]

Microtus mexicanus subsimus Goldman, 1938b: “Sierra Guadalupe, southeastern Coahuila, Mexico.”

Ursus americanus eremicus Merriam, 1904c: “Sierra de Guadalupe, Coahuila, Mexico.” [= *Ursus americanus amblyceps* S. F. Baird, 1859.]

Conepatus pediculus Merriam, 1902c: “Sierra Guadalupe, Coahuila, Mexico.” [= *Conepatus leuconotus leuconotus* (Lichtenstein, 1832).]

Sierra del Carmen (Carmen Mountains)

Sorex milleri Jackson, 1947: “Madera Camp, altitude 8,000 feet, Carmen Mountains, Coahuila, Mexico.”

Eutamias dorsalis carminis Goldman, 1938a: “Carmen Mountains, Coahuila, Mexico (altitude, 7,400 feet).” [= *Neotamias dorsalis carminis* (Goldman, 1938).]

Thomomys sturgisi Goldman, 1938a: “Carmen Mountains, Coahuila, Mexico (altitude 6,000 feet).” [= *Thomomys bottae sturgisi* Goldman, 1938.]

Neotoma mexicana inornata Goldman, 1938a: “Carmen Mountains, Coahuila, Mexico, (altitude 6,100 feet).”

Odocoileus virginianus carminis Goldman and Kellogg, 1940: “Botellas Cañon, Sierra del Carmen, northern Coahuila, Mexico (altitude 6,500 feet).”

Sierra del Pino

Thomomys bottae angustidens R. H. Baker, 1953: “Sierra del Pino, 5250 ft., 6 mi. N and 6 mi. W Acebuches, Coahuila.”

Villa Acuña (Las Vacas)

Cratogeomys castanops convexus Nelson and Goldman, 1934b: “seven miles east of Las Vacas, Rio Grande Valley, Coahuila, Mexico (opposite Del Rio, Texas).” [Now known as Villa Acuña; = *Cratogeomys castanops castanops* (S. F. Baird, 1852).]

COLIMA

Armería

Oryzomys melanotis colimensis Goldman, 1918b: “Armería, Colima, Mexico (altitude about 100 feet).”

Conepatus mesoleucus nelsoni Goldman, 1922: “Armería (near Manzanillo), Colima, Mexico (altitude 200 feet).” [= *Conepatus leuconotus leuconotus* (Lichtenstein, 1832).]

Tayassu angulatus humeralis Merriam, 1901e: “Armería, Colima.” [= *Dicotyles angulatus humeralis* (Merriam, 1901).]

Colima

Dasypus novemcinctus mexicanus Peters, 1864b: “Mexico.” [Restricted to Colima, Colima by Bailey (1905:52, footnote); then assigned erroneously to Matamoros, Tamaulipas by Hollister (1925:60); see discussion above on *Dasypus novemcinctus mexicanus* in the section on taxonomic, nomenclatural, and bibliographic problems.]

Geomys fumosus Merriam, 1892c: “Colima City, Mexico.” [Emended to “Three miles west of city of Colima, Colima, México. Altitude, 1,700 feet” by Miller and Kellogg (1955:346); = *Cratogeomys fumosus* (Merriam, 1892).]

Sitomys musculus Merriam, 1892c: “near Colima City, Mexico.” [= *Baiomys musculus* (Merriam, 1892).]

Peromyscus allex Osgood, 1904: “Colima, Colima, Mexico.” [= *Baiomys taylori allex* (Osgood, 1904).]

Reithrodontomys fulvescens nelsoni Howell, 1914: "Colima, Colima, Mexico."

Urocyon cinereoargenteus colimensis Goldman, 1938c: "three miles west of City of Colima, Colima, Mexico (altitude 1,700 feet)." [= *Urocyon cinereoargenteus nigrirostris* (Lichtenstein, 1830).]

Hacienda Magdalena (see Pueblo Juárez)

Llanuras de Colima (Plains of Colima)

Lepus insolitus J. A. Allen, 1890c: "Plains of Colima." [= *Sylvilagus cunicularius insolitus* (J. A. Allen, 1890).]

Sigmodon colimae J. A. Allen, 1897a: "Plains of Colima, State of Colima, Mexico." [= *Sigmodon mascotensis* J. A. Allen, 1897.]

Manzanillo

Spermophilus annulatus Audubon and Bachman, 1842: "western prairies." [Type locality fixed as Manzanillo, Colima, by Howell (1938:163); = *Notocitellus annulatus* (Audubon and Bachman, 1842).]

Sciurus colliaei nuchalis Nelson, 1899b: "Manzanillo, Colima, Mexico."

Neotoma alleni Merriam, 1892c: "Manzanillo, Colima, Mexico." [= *Hodomys alleni* (Merriam, 1892).]

Felis pardalis nelsoni Goldman, 1925b: "Manzanillo, Colima, Mexico." [= *Leopardus pardalis nelsoni* (Goldman, 1925).]

Canis vigilis Merriam, 1897a: "Manzanillo, Colima, Mexico." [= *Canis latrans vigilis* Merriam, 1897.]

Nasua narica molaris Merriam, 1902b: "Manzanillo, Colima, Mexico."

Plains of Colima (see Llanuras de Colima)

Pueblo Juárez (Hacienda Magdalena)

Musonycteris harrisoni Schaldach and McLaughlin, 1960: "2 km SE Pueblo Juárez (formerly Hacienda La Magdalena), Colima, México."

Chiroderma salvini scopaeum Handley, 1966: "Pueblo Juárez, Colima, México."

Sciurus albipes colimensis Nelson, 1898a: "Hacienda Magdalena, Colima, Mexico." [= *Sciurus aureogaster nigrescens* Bennett, 1833.]

Xenomys nelsoni Merriam, 1892b: "Hacienda Magdalena, Colima, Mexico."

Nyctomys sumichrasti colimensis Laurie, 1953: "Juarez, Colima, Mexico." [Pueblo Juárez.]

DISTRITO FEDERAL (= CIUDAD DE MÉXICO)

Colonia del Valle

Cratogeomys tylorhinus arvalis Hooper, 1947: "Distrito Federal, Mexico City, Colonia del Valle, 2275 m." [= *Cratogeomys fumosus tylorhinus* (Merriam, 1895a).]

México

Mustela frenata Lichtenstein, 1832: "Mexico." [Distrito Federal, = Mexico City.]

Bassaris astuta Lichtenstein, 1830: "Mexico." [Interpreted as Mexico City of 1825; see discussion above on the lectotype of *Bassaris astuta* in the section on taxonomic, nomenclatural, and bibliographic problems; = *Bassariscus astutus astutus* (Lichtenstein, 1830).]

Tacubaya

Nyctinomus depressus Ward, 1891b: "Tacubaya, D. F." [= *Nyctinomops macrotis* (Gray, 1839).]

Tlalpan

Blarina soricina Merriam, 1895b: “Tlalpan, Valley of Mexico (altitude, 7,600 feet).” [Tlalpan, 10 mi. S Ciudad de México; = *Cryptotis parvus soricinus* (Merriam, 1895).]

Perognathus flavus mexicanus Merriam, 1894e: “Tlalpan, Valley of Mexico (Federal District).” [Tlalpan.]

Liomys irroratus pullus Hooper, 1947: “México, Distrito Federal, Tlalpan, 2250 meters elevation.” [Tlalpan, Mexico City; = *Heteromys irroratus alleni* Coues, 1881.]

Oryzomys crinitus Merriam, 1901f: “Tlalpan, Federal District, Mexico.” [Tlalpan, Mexico City; = *Oryzomys fulgens fulgens* Thomas, 1893c.]

Peromyscus gratus Merriam, 1898d: “Tlalpan, Valley of Mexico.” [Tlalpan.]

Reithrodontomys levipes toltecus Merriam, 1901g: “Tlalpan, Valley of Mexico.” [Tlalpan; = *Reithrodontomys fulvescens toltecus* Merriam, 1901.]

Spilogale angustifrons Howell, 1902: “Tlalpan, Valley of Mexico.” [Tlalpan.]

Procyon hernandezii Wagler, 1831: “Mexico.” [Restricted to Tlalpan, Distrito Federal (= Mexico City), by designation of a neotype by Helgen and Wilson (2005:228); = *Procyon lotor hernandezii* Wagler, 1831.]

Valle de México (Valley of Mexico)

Sciurus variegatus Erxleben, 1777: “Mexico.” [Restricted to “Valley of Mexico, near city of Mexico” by Nelson (1898c:898); = *Otospermophilus variegatus* (Erxleben, 1777).]

Geomys merriami Thomas, 1893e: “S. Mexico.” [“Probably in or near the Valley of Mexico” (Merriam 1895a:152; 1901:280); = *Cratogeomys merriami* (Thomas, 1893).]

Oryzomys fulgens Thomas, 1893c: “Mexico.” [“Collected by A. Boucard in southern Mexico, probably in or near the Valley of Mexico” (Merriam 1901f:280); restricted to Valle de México by Ramírez-Pulido et al. 2014:58.]

Cervus mexicanus Gmelin, 1788: “nova Hispania, Guiana et Brasilia.” [Restricted to the “Valley of Mexico” by Osgood (1902:88); = *Odocoileus virginianus mexicanus* (Gmelin, 1788).]

Cervus lichtensteini J. A. Allen, 1902a: New name to replace *Cervus mexicanus*: Lichtenstein, 1827, by presuming erroneously that it was preoccupied by *Cervus mexicanus* Gmelin, 1788. [= *Odocoileus virginianus mexicanus* (Gmelin, 1788).]

DURANGO**Arroyo del Buey**

Eutamias durangae J. A. Allen, 1903: “Arroyo de Bucy, northwestern Durango, Mexico.” [Arroyo del Buey; = *Neotamias durangae* (J. A. Allen, 1903).]

Cerro San Gabriel (Mount San Gabriel)

Thomomys umbrinus evexus Nelson and Goldman, 1934a: “Mount San Gabriel, northwestern Durango, Mexico (between 7,000 and 9,000 feet altitude).” [= *Thomomys umbrinus goldmani* Merriam, 1901d.]

Chacala

Thomomys simulus parviceps Nelson and Goldman, 1934a: “Chacala, western Durango, Mexico (altitude 3,000 feet).” [= *Thomomys atrovarius parviceps* Nelson and Goldman, 1934.]

Ciudad Durango

Spermophilus spilosoma Bennett, 1833: “that part of California which adjoins to Mexico.” [Listed as “California” by Thomas (1927:548; designation of lectotype); restricted to “Durango, Durango” by Howell (1938:122; also see Gardner, 1973:30–33; = *Xerospermophilus spilosoma* (Bennett, 1833).]

Thomomys umbrinus durangi Nelson and Goldman, 1934a: “Durango, Durango, Mexico.”

Peromyscus xenurus Osgood, 1904: “Durango, Durango, Mexico.” [= *Peromyscus zamorae* Osgood, 1904; see López–González et al. 2019.]

Peromyscus truei erasmus Finley 1952: “eight miles northeast of Durango, 6200 ft., Durango, Mexico.” [= *Peromyscus gratus erasmus* Finley, 1952.]

Coyotes (Hacienda Coyotes)

Tamias nexus Elliot, 1905b: “Coyotes, Durango, Mexico.” [= *Neotamias durangae* (J. A. Allen, 1903).]

Peromyscus schmidlyi R. D. Bradley, Carroll, Haynie, Muñíz Martínez, Hamilton, and Kilpatrick, 2004: “Mexico: Durango; 3.8 mi. (6.1 km) W Coyotes (Hacienda Coyotes).”

El Salto

Sorex durangae Jackson, 1925: “El Salto, Durango, Mexico.” [= *Sorex monticola monticola* Merriam, 1890a.]

Guanaceví

Eutamias canescens J. A. Allen, 1904b: “Guanacevi (alt. 8000 ft.), Durango, Mexico.” [= *Neotamias dorsalis dorsalis* (S. F. Baird, 1855).]

La Ciénega de las Vacas

Sigmodon baileyi J. A. Allen, 1903: “La Cienega de las Vacas (altitude 8500 feet), northwestern Durango.” [= *Sigmodon ochrognathus* Bailey, 1902.]

La Ciénega

Sciurus aberti phaeurus J. A. Allen, 1904b: “La Ciénega (alt. 7500 ft.), northwestern Durango.” [= *Sciurus aberti durangi* Thomas, 1893a.]

La Ciudad (Ciudad)

Sciurus aberti durangi Thomas, 1893a: “Ciudad, Durango, Central Mexico; alt. 8100 feet, on the Sierra Madre.” [La Ciudad de Durango.]

La Zarca

Pappogeomys castanops surculus Russell, 1968: “La Zarca, Durango.” [= *Cratogeomys castanops consitus* Nelson and Goldman, 1934b.]

Mapimí

Thomomys goldmani Merriam, 1901d: “Mapimi, Durango, Mexico.” [= *Thomomys umbrinus goldmani* Merriam, 1901.]

Peromyscus attwateri eremicoides Osgood, 1904: “Mapimi, Durango, Mexico.” [= *Peromyscus pectoralis pectoralis* Osgood, 1904.]

Mount San Gabriel (see Cerro San Gabriel)

Rancho Bailón

Lepus durangae J. A. Allen, 1903: “Rancho Bailon (altitude, 7800 feet), northwestern Durango.” [= *Sylvilagus floridanus holzneri* (Mearns, 1896c).]

Rancho Santuario

Lepus gaillardi battyi J. A. Allen, 1903: “Rancho Santuario, northwestern Durango, Mexico.” [“an old ‘Spanish Grant’ ranch, on the plains, altitude 7000 feet” (J. A. Allen, 1903:591); = *Lepus callotis gaillardi* Mearns, 1896c.]

Odocoileus battyi J. A. Allen, 1903: “Rancho Santuario, northwestern Durango.” [“an old ‘Spanish Grant’ ranch, on the plains, altitude 7000 feet” (J. A. Allen 1903:591); = *Odocoileus virginianus couesi* (Coues and Yarrow, 1875).]

Río del Bocas

Lepus texianus micropus J. A. Allen, 1903: “Río del Bocas, northwestern Durango (altitude, 6800 feet).” [= *Lepus californicus texianus* Waterhouse, 1848.]

Canis impavidus J. A. Allen, 1903: “Río del Bocas (altitude, 7000 feet), northwestern Durango.” [= *Canis latrans impavidus* J. A. Allen, 1903.]

Río Sestín

Myotis californicus durangae J. A. Allen, 1903: “Río Sestín, northwestern Durango.” [= *Myotis yumanensis yumanensis* (H. Allen, 1864).]

Citellus grammurus rupestris J. A. Allen, 1903: “Río Sestín, northwestern Durango, Mexico.” [= *Otospermophilus variegatus rupestris* (J. A. Allen, 1903).]

Perodipus obscurus J. A. Allen, 1903: “Río Sestín, northwestern Durango.” [= *Dipodomys ordii obscurus* (J. A. Allen, 1903).]

Peromyscus paulus J. A. Allen, 1903: “Río Sestín, northwestern Durango.” [= *Baiomys taylori paulus* (J. A. Allen, 1903).]

Peromyscus texanus flaccidus J. A. Allen, 1903: “Río Sestín, northwestern Durango.” [= *Peromyscus leucopus tornillo* Mearns, 1896a.]

Reithrodontomys megalotis sestinensis J. A. Allen, 1903: “Río Sestín (altitude, 7500 feet), northwestern Durango.” [= *Reithrodontomys megalotis megalotis* (S. F. Baird, 1857).]

San Gabriel

Neotoma intermedia durangae J. A. Allen, 1903: “San Gabriel (altitude, 7000 feet), northwestern Durango.” [= *Neotoma leucodon durangae* J. A. Allen, 1903.]

San Juan

Dipodomys ordii idoneus Setzer, 1949: “San Juan, 12 mi. W Lerdo, 3,800 ft., Durango, Mexico.” [= *Dipodomys ordii obscurus* (J. A. Allen, 1903).]

GUANAJUATO**Celaya**

Pappogeomys tylorhinus brevirostris Russell, 1968: “2 mi. E. Celaya, 5800 ft., Guanajuato.” [= *Cratogeomys fumosus angustirostris* (Merriam, 1903b).]

Guanajuato

Cryptotis pergracilis macer Miller, 1911: “near Guanajuato City, Mexico.” [= *Cryptotis parvus berlandieri* (S. F. Baird, 1857).]

Santa Rosa

Thomomys umbrinus supernus Nelson and Goldman, 1934a: “Santa Rosa, about 7 miles northeast of Guanajuato, Guanajuato, Mexico (altitude between 9,500 and 10,000 feet).” [= *Thomomys umbrinus umbrinus* (Richardson, 1829).]

GUERRERO**Acahuizotla**

Tamandua tetradactyla hesperia W. B. Davis, 1955: “near Acahuizotla, 2800 feet elevation, Guerrero, Mexico.” [= *Tamandua mexicana mexicana* (de Saussure, 1860).]

Acapulco

Lepus veraecrucis pacificus Nelson, 1904a: “Acapulco, Guerrero.” [= *Sylvilagus cunicularius cunicularius* (Waterhouse, 1848).]

Sciurus socialis cocos Nelson, 1898a: “Acapulco, Guerrero, Mexico.” [= *Sciurus aureogaster nigrescens* Bennett, 1833.]

Orthogeomys grandis alleni Nelson and Goldman, 1930c: “near Acapulco, Guerrero, Mexico (altitude 2,000 feet).”

Hodomys alleni guerrerensis Goldman, 1938d: “Acapulco, Guerrero, Mexico (sea level).”

Spilogale pygmaea australis Hall, 1938: “Acapulco, Guerrero, Mexico.”

Cervus acapulcensis Caton, 1877: “Acapulco.” [= *Odocoileus virginianus acapulcensis* (Caton, 1877).]

Agua del Obispo

Artibeus toltecus hesperus W. B. Davis, 1969: “Agua del Obispo, elevation 3,300 feet, Guerrero, México.” [= *Dermanura tolteca hespera* (W. B. Davis, 1969).]

Arcelia

Citellus adocetus arceliae Villa R., 1942: “cuatro kilómetros al Sur de la Ciudad de Arcelia, Cabecera del Municipio del mismo nombre, del Distrito de Aldama, Estado de Guerrero, en terrenos del Rancho ‘El Limón’.” [= *Notocitellus adocetus adocetus* (Merriam, 1903b).]

Chilpancingo

Bassariscus astutus bolei Goldman, 1945b: “Chilpancingo, Guerrero, Mexico.”

Cuapongo

Hodomys vetulus elatturus Osgood, 1938: “vicinity of Chilpancingo, Guerrero, Mexico.” [Corrected to “Cuapongo, State of Guerrero, Mexico” by Sanborn (1947:242); = *Hodomys alleni elatturus* Osgood, 1938.]

Cueva de la Laguna Honda

Leptonycteris nivalis yerbabuena Martínez and Villa R., 1940: “Yerbabuena, Estado de Guerrero.” [Type locality fixed as “Cueva de la Laguna Honda,

Yerbabuena, Guerrero, 1800 m” by Arita and Humphrey (1988:50) by designation of a neotype under the name *Leptonycteris curasoae yerbabuena*; = *Leptonycteris yerbabuena* Martínez and Villa R., 1940.]

El Limón

Orthogeomys grandis guerrerensis Nelson and Goldman, 1930c: “El Limon, in the valley of the Rio de las Balsas about 20 miles northwest of La Union, Guerrero.”

Filo de Caballo

Reithrodontomys bakeri R. D. Bradley, Mendez-Harclerode, Hamilton, and Ceballos, 2004: “Mexico, Guerrero, 4 mi SSW Filo de Caballo.”

Mountains near Chilpancingo (see Sierra Madre cerca de Chilpancingo)

Ometepec

Liomys pictus rostratus Merriam, 1902a: “Ometepec, Guerrero, Mexico.” [= *Heteromys pictus pictus* Thomas, 1893b.]

Potos flavus guerrerensis Goldman, 1915b: “near Ometepec, Guerrero, Mexico.” [= *Potos flavus prehensilis* (Kerr, 1792).]

Omiltemi (Omilteme)

Cryptotis guerrerensis Jackson, 1933: “Omilteme, altitude about 8000 feet, State of Guerrero, Mexico.” [Omiltemi; = *Cryptotis goldmani goldmani* (Merriam, 1895b).]

Lepus insonus Nelson, 1904a: “Omilteme, Guerrero.” [Omiltemi; = *Sylvilagus insonus* (Nelson, 1904).]

Glaucomys volans guerreroensis Diersing, 1980: “1 mi SW Omilteme, Guerrero, Mexico, 7300 ft.” [Omiltemi.]

Liomys guerrerensis Goldman, 1911: “Omilteme, Guerrero, Mexico.” [Omiltemi; = *Heteromys irroratus guerrerensis* (Goldman, 1911).]

Oryzomys guerrerensis Goldman, 1915a: “Omiteme, Guerrero, Mexico.” [Omitemi.]

Sigmodon guerrerensis Nelson and Goldman, 1933a: “Omiteme, Guerrero, Mexico (altitude 8,000 feet).” [Omitemi; = *Sigmodon alleni* Bailey, 1902.]

Jentinkia sumichrasti latrans W. B. Davis and Lukens, 1958: “2 miles west of Omitemi, 7900 feet, Guerrero.” [= *Bassariscus sumichrasti latrans* (W. B. Davis and Lukens, 1958).]

Papayo

Noctilio leporinus mexicanus Goldman, 1915b: “Papayo, Guerrero, Mexico.” [= *Noctilio leporinus mastivus* (Vahl, 1797).]

Artibeus jamaicensis triomylus Handley, 1966: “Papayo, Guerrero, México.”

Sturnira lilium parvidens Goldman, 1917: “Papayo (about 25 miles northwest of Acapulco) Guerrero, Mexico.” [= *Sturnira parvidens* Goldman, 1917.]

Sierra Madre cerca de Chilpancingo [“High range of mountains, the Sierra Madre del Sur, lying west and northwest of the valley in which Chilpancingo is situated. On December 18, 1894, we left Chilpancingo, crossed the narrow valley in a westerly course, and, turning to the north, in a distance of about 14 miles ascended to the summit of the mountains at about 10,200 feet. In a search for water the next morning we found a small spring in a meadow at 9,500 feet, where we camped under the shelter of a large oak.” Specimens were labeled “Mts. near Chilpancingo” (Goldman 1951:152).]

Blarina mexicana goldmani Merriam, 1895b: “mountains near Chilpancingo, Guerrero, Mexico (altitude, 10,000 feet).” [= *Cryptotis goldmani goldmani* (Merriam, 1895).]

Sciurus albipes effugius Nelson, 1898a: “mountains near Chilpancingo, Guerrero, Mexico.” [= *Sciurus aureogaster nigrescens* Bennett, 1833.]

Neotoma picta Goldman, 1904: “mountains near Chilpancingo, Guerrero, Mexico (altitude, 10,000 feet).”

Peromyscus thomasi Merriam, 1898d: “Mts. near Chilpancingo, Guerrero, Mexico (alt. 9700 ft.)” [= *Megadontomys thomasi* (Merriam, 1898).]

Peromyscus comptus Merriam, 1898d: “Mts. near Chilpancingo, Guerrero, Mexico.” [= *Peromyscus megalops auritus* Merriam, 1898d.]

Tierra Colorada

Artibeus nanus Andersen, 1906: “Tierra Colorada, Sierra Madre del Sur, Guerrero, Mexico.” [= *Dermanura phaeotis nana* (Andersen, 1906).]

Zacatula

Saccopteryx bilineata villai Álvarez and González-Ruíz, 2000: “1 km N Zacatula, 40 m, Guerrero, México.” [= *Saccopteryx bilineata* (Temminck, 1838).]

HIDALGO

Apam

Lepus parvulus J. A. Allen, 1904a: “Apam (altitude about 8000 feet), southern Hidalgo, Mexico.” [= *Sylvilagus audubonii minor* (Mearns, 1896c).]

El Chico

Thomomys umbrinus albigularis Nelson and Goldman, 1934a: “El Chico, Sierra de Pachuca, Hidalgo, Mexico (altitude 9,800 feet).” [= *Thomomys umbrinus umbrinus* (Richardson, 1829).]

Mephitis mesoleuca Lichtenstein, 1832: “Gegend von Chico in Mexico.” [= *Conepatus leuconotus leuconotus* (Lichtenstein, 1832).]

Huichapan

Sciurus buccatus Lichtenstein, 1830: No locality given. [Presumed to be from Mexico because of

the comparison with Hernandez's *Quauhtecal-lotlquapachtli* and because the specimen was collected by Ferdinand Deppe; see discussion above on *Sciurus buccatus* in the section on taxonomic, nomenclatural, and bibliographic problems; type locality identified herein as Huichapan, Hidalgo; = *Otospermophilus variegatus* Erxleben, 1777.]

Irolo

Lepus festinus Nelson, 1904a: "Irolo, Hidalgo, Mexico." [= *Lepus californicus texianus* Waterhouse, 1848.]

Cratogeomys merriami irolonis Nelson and Goldman, 1934b: "Irolo, Hidalgo, Mexico (altitude 7,600 feet)." [= *Cratogeomys perotensis* Merriam, 1895a.]

Jacala

Corynorhinus townsendii australis Handley, 1955: "2 mi. W Jacala, 5,500 feet, Hidalgo, México."

Mineral del Monte (Real del Monte)

Dipodomys phillipsii Gray, 1841: "Mexico, near Real del Monte."

Real del Monte (see Mineral del Monte)

Tula

Platygeomys tylorhinus Merriam, 1895a: "Tula, Hidalgo, Mexico." [= *Cratogeomys fumosus tylorhinus* (Merriam, 1895).]

Tulancingo

Blarina obscura Merriam, 1895b: "Tulancingo, Hidalgo, Mexico (altitude, 8,500 feet)." [= *Cryptotis obscurus* (Merriam, 1895).]

Zimapán

Neotoma montezumae Goldman, 1905: "Zimapan, Hidalgo, Mexico (altitude, 7500 feet)." [= *Neotoma leucodon leucodon* Merriam, 1894b.]

JALISCO

Ameca

Pappogeomys bulleri amecensis Goldman, 1939b: "mountains near Ameca, Jalisco, Mexico (altitude 6,500 feet)." [= *Pappogeomys bulleri bulleri* (Thomas, 1892a).]

Oryzomys albiventer Merriam, 1901f: "Ameca, Jalisco, Mexico."

Reithrodontomys hirsutus Merriam, 1901g: "Ameca, Jalisco, Mexico (altitude 5,500 ft.)."

Reithrodontomys griseoflavus Merriam, 1901g: "Ameca, Jalisco, Mexico (altitude 4,000 ft.)." [= *Reithrodontomys fulvescens griseoflavus* Merriam, 1901.]

Atemajac

Pappogeomys albinasus Merriam, 1895a: "Guadalajara, State of Jalisco, Mexico." [Collected at "Atemajac, a suburb of Guadalajara" (Merriam 1895a:149); = *Pappogeomys bulleri albinasus* Merriam, 1895.]

Neotoma ferruginea ochracea Goldman, 1905: "Atemajac, near Guadalajara, Jalisco, Mexico (altitude, 4000 feet)." [= *Neotoma mexicana ochracea* Goldman, 1905.]

Bahía Tenacatita (Tenacatita Bay)

Pappogeomys bulleri burti Goldman, 1939b: "Tenacatita Bay, southwest coast of Jalisco, Mexico."

Barranca Ibarra

Pipistrellus hesperus australis Miller, 1897: "Barranca Ibarra, Jalisco, Mexico; altitude about 3000 feet." [= *Parastrellus hesperus hesperus* (H. Allen, 1864).]

Barra de Navidad

Peromyscus perfulvus chrysopus Hooper, 1955: “Jalisco, ½ mi. N Barra de Navidad, 50 feet elevation.” [Barra de Navidad.]

Beltrán

Felis glaucula Thomas, 1903b: “Beltran, Jalisco, Mexico.” [= *Leopardus wiedii glauculus* (Thomas, 1903).]

Bolaños

Sorex emarginatus Jackson, 1925: “Sierra Madre near Bolanos, altitude 7,600 feet, State of Jalisco, Mexico.” [“From Bolaños we crossed the Bolaños River ... and proceeded about 14 miles up the steep rocky canyon side in a northwesterly course to some caves beside the trail near the summit of the Sierra Madre, here known as the Sierra de Nayarit” (Goldman 1951:180).]

Macrotus bulleri H. Allen, 1890: “Bolanos, Jalisco, Mexico.” [Bolaños; = *Macrotus waterhousii bulleri* H. Allen, 1890.]

Neotoma palatina Goldman, 1905: “Bolaños, Jalisco, Mexico (altitude, 2800 feet).”

Cerro Tequila

Pappogeomys bulleri infuscus Russell, 1968: “Cerro Tequila, 10,000 feet, 7 mi. S and 2 mi. W Tequila, Jalisco.” [= *Pappogeomys bulleri albinasus* Merriam, 1895a.]

Cerro Viejo de Cuyutlán

Cratogeomys gymnurus atratus Russell, 1953b: “Top of Cerro Viejo de Cuyutlán, 9700 ft., 19 mi. S and 9 mi. W Guadalajara, Jalisco, México.” [= *Cratogeomys fumosus fumosus* (Merriam, 1892c).]

Chamela

Spilogale pygmaea intermedia López-Forment and Urbano-V., 1981: “Jalisco: 8 km E Chamela, 60 m.”

Ciudad Guzmán (Zapotlán)

Sylvilagus floridanus restrictus Nelson, 1907a: “Zapotlan, Jalisco, Mexico.” [Ciudad Guzmán; = *Sylvilagus floridanus orizabae* (Merriam, 1893d).]

Geomys gymnurus Merriam, 1892c: “Zapotlan, Jalisco, Mexico.” [Ciudad Guzmán; = *Cratogeomys fumosus fumosus* (Merriam, 1892c).]

Contla

Liomys spectabilis Genoways, 1971: “2.2 mi NE Contla, 3850 ft., Jalisco.” [= *Heteromys spectabilis* (Genoways, 1971).]

Encarnación de Díaz

Antrozous pallidus packardi Martin and Schmidly, 1982: “12 mi. W Encarnación de Diaz, 5600 ft., Jalisco.”

Guadalajara

Vespertilio velifer J. A. Allen, 1890c: “Sta. Cruz del Valle, Guadalajara, Jalisco.” [= *Myotis velifer* (J. A. Allen, 1890).]

Cratogeomys zinseri zodiuss Russell, 1953b: “13 mi. S and 15 mi. W Guadalajara, Jalisco, México.” [= *Cratogeomys fumosus fumosus* (Merriam, 1892c).]

Perognathus flavus parviceps R. H. Baker, 1954a: “4 mi. W and 2 mi. S Guadalajara, 5100 ft., Jalisco.”

Peromyscus melanophrys micropus R. H. Baker, 1952: “3 mi. N Guadalajara, Jalisco, Mexico.” [= *Peromyscus micropus* R. H. Baker, 1952; see López-González et al. 2019.]

Hacienda San Marcos (see Tonila)**Jazmín**

Nelsonia neotomodon cliftoni Genoways and Jones, 1968: “2.5 mi. ENE Jazmín, 6,800 ft., Jalisco.” [= *Nelsonia goldmani cliftoni* Genoways and Jones, 1968.]

Lagos

Platygeomys zinseri Goldman, 1939a: "Lagos, Jalisco, Mexico (altitude 6,150 feet)." [= *Cratogeomys fumosus angustirostris* (Merriam, 1903).]

Peromyscus gratus gentilis Osgood, 1904: "Lagos, Jalisco, Mexico."

Lago Sayula

Cratogeomys zinseri morulus Russell, 1953b: "N end Lago Sayula, 4400 ft., 9 mi. N and 2 mi. E Atoyac, Jalisco, México." [= *Cratogeomys fumosus fumosus* (Merriam, 1892c).]

Laguna de Zacoalco

Myotis californicus jaliscensis Menegaux, 1901: "environs du lac Zacoalco, dan la province de Jalisco (Mexique)." [Laguna de Zacoalco; = *Myotis velifer velifer* (J. A. Allen, 1890).]

La Laguna

Pappogeomys bulleri lagunensis Goldman, 1939b: "La Laguna, Sierra de Juanacatlan, northwestern Jalisco, Mexico (altitude 6,500 feet)." [= *Pappogeomys bulleri bulleri* (Thomas, 1892a).]

Heteromys bulleri Thomas, 1893b: "La Laguna, Sierra de Juanacatlan, Jalisco, Mexico, 7000 feet." [= *Heteromys irroratus bulleri* Thomas, 1893.]

Las Canoas

Heteromys jaliscensis J. A. Allen, 1906: "Las Canoas, about 20 miles west of Zapotlan, Jalisco, altitude 7000 feet." [= *Heteromys irroratus jaliscensis* J. A. Allen, 1906.]

Las Peñas

Chilonycteris davyi fulvus Thomas, 1892b: "Las Peñas, west coast of Jalisco." [See Pavan and Marroig (2016:197); = *Pteronotus fulvus* (Thomas, 1892).]

Mazamitla

Pappogeomys alcorni Russell, 1957: "4 mi. W Mazamitla, 6600 ft., Jalisco, México." [= *Pappogeomys bulleri alcorni* Russell, 1957.]

Milpillas

Notiosorex gigas Merriam, 1897d: "Mts. at Milpillas, near San Sebastian, Jalisco, Mexico." [= *Megasorex gigas* (Merriam, 1897).]

Pappogeomys bulleri flammeus Goldman, 1939b: "Milpillas 5 miles southwest of San Sebastian, northwestern Jalisco, Mexico (altitude 3,800 feet)." [= *Pappogeomys bulleri bulleri* (Thomas, 1892a).]

Mina Tepehuajes (Tepehuajes Mine)

Glossophaga commissarisi hespera Webster and Jones, 1982: "Tepehuajes Mine, ca. 20 km. N Soyatlán del Oro, Jalisco."

Ocotlán

Blarina pergracilis Elliot, 1903a: "Ocotlan, State of Jalisco, Mexico." [= *Cryptotis parvus berlandieri* (S. F. Baird, 1857).]

Oryzomys molestus Elliot, 1903a: "Ocotlan, State of Jalisco, Mexico." [= *Oryzomys albiventer* Merriam, 1901f.]

Peromyscus labecula Elliot, 1903a: "Ocotlan, State of Jalisco."

Sigmodon hispidus inexoratus Elliot, 1903a: "Ocotlan, State of Jalisco, Mexico." [= *Sigmodon mascotensis* J. A. Allen, 1897.]

Platanar (Plantinar)

Micronycteris megalotis mexicanus Miller, 1898a: "Plantinar, Jalisco, Mexico." [Platanar; = *Micronycteris microtis mexicana* Miller, 1898.]

Liomys plantinarensis Merriam, 1902a: “Plantinar, Jalisco, Mexico.” [Platanar; = *Heteromys pictus plantinarensis* (Merriam, 1902).]

San Sebastián del Oeste (Mineral San Sebastian; San Sebastian, Mascota)

Heteromys pictus Thomas, 1893d: “Mineral San Sebastian, Jalisco, Mexico, 4300 feet.”

Oryzomys melanotis Thomas, 1893c: “Mineral San Sebastian, Jalisco, Mexico.”

Peromyscus spicilegus J. A. Allen, 1897a: “Mineral San Sebastian, Mascota, Jalisco, Mexico.”

Reithrodontomys levipes Merriam, 1901g: “San Sebastian, Jalisco, Mexico (altitude 3,000 ft.).”

Sigmodon alleni Bailey, 1902: “San Sebastian, Mascota, Jalisco, Mexico.”

Sigmodon mascotensis J. A. Allen, 1897: “Mineral San Sebastian, Mascota, State of Jalisco, Mexico.”

Santa Rosalía

Rhogeessa alleni Thomas, 1892c: “Santa Rosalia, near Autlan, Jalisco, Mexico.”

Sierra de El Cuale

Pappogeomys bulleri lutulentus Russell, 1968: “Sierra de Cuale, 7300 ft., 9 km. N El Teosinte (= Desmoronado), Jalisco.” [Sierra de El Cuale; = *Pappogeomys bulleri bulleri* (Thomas, 1892a).]

Sierra de Manantlán

 (Mountains 20 mi. SE Autlán)

Microtus mexicanus neveriae Hooper, 1955: “México, Jalisco, mountains 20 mi. SE Autlán, near lumber mill of La Nevería, 8,200 feet elevation.”

Sierra Nevada de Colima

 (Sierra de Colima)

Sorex mediopua Carraway, 2007: “12 mi SW Cd. Guzmán, 10000 ft. Jalisco’, latitude 19.56°N, longitude 103.61°W.” [Sierra Nevada de Colima.]

Sorex oreopolus Merriam, 1892c: “Sierra de Colima, Jalisco, Mexico (altitude, 10,000 feet).” [= North slope of the Sierra Nevada de Colima.]

Sorex saussurei Merriam, 1892c: “Sierra de Colima Jalisco, Mexico (altitude 8,000 feet).” [“North slope of the Sierra Nevada de Colima” (Elliot 1904c:553).]

Geomys nelsoni Merriam, 1892c: “north slope of the Sierra Nevada de Colima, Jalisco, Mexico (altitude 1,980 meters, or 6,500 feet).” [= *Pappogeomys bulleri bulleri* (Thomas, 1892a).]

Platygeomys gymnurus inclarus Goldman, 1939a: “north slope Sierra Nevada de Colima, Jalisco, Mexico (altitude 10,000 feet).” [= *Cratogeomys fumosus fumosus* (Merriam, 1892c).]

Arvicola phaeus Merriam, 1892c: “north slope of the Sierra Nevada de Colima, Jalisco, Mexico (altitude, 10,000 feet).” [= *Microtus mexicanus phaeus* (Merriam, 1892).]

Neotoma tenuicauda Merriam, 1892c: “north slope of Sierra Nevada de Colima, Jalisco, Mexico (altitude 3,650 meters, or 12,000 feet).” [= *Neotoma mexicana tenuicauda* Merriam, 1892.]

Reithrodontomys colimae Merriam, 1901g: “near timberline, Sierra Nevada de Colima, Jalisco, Mexico (altitude 12,000 ft.).” [= *Reithrodontomys chrysopsis chrysopsis* Merriam, 1900b.]

Reithrodontomys colimae nerterus Merriam, 1901g: “foothill region of Sierra Nevada de Colima, Jalisco, Mexico (altitude 6,500 ft.).” [= *Reithrodontomys sumichrasti nerterus* Merriam, 1901.]

Reithrodontomys levipes otus Merriam, 1901g: “foothill region of Sierra Nevada de Colima, Jalisco, Mexico (altitude 6,500 ft.).” [= *Reithrodontomys sumichrasti nerterus* Merriam, 1901.]

Tala

Cratogeomys gymnurus tellus Russell, 1953b: “3 mi. W Tala, 4300 ft., Jalisco, México. [= *Cratogeomys fumosus fumosus* (Merriam, 1892c).]

Talpa de Allende (Talpa)

Geomys bulleri Thomas, 1892a: “Talpa, Mascota, Jalisco, 8500 feet.” [= *Pappogeomys bulleri bulleri* (Thomas, 1892).]

Tamazula

Myotis nigricans carteri LaVal, 1973a: “16 mi NE Tamazula, Jalisco. Mexico.”

Tecomate

Molossops greenhalli mexicanus J. K. Jones and Genoways, 1967: “7.5 mi. SE Tecomate, 1500 ft, Jalisco.” [= *Cynomops mexicanus* (J. K. Jones and Genoways, 1967).]

Pappogeomys bulleri melanurus Genoways and Jones, 1969: “7½ mi. SE Tecomate, 1500 ft., Jalisco.” [= *Pappogeomys bulleri burti* Goldman, 1939.]

Tepehuajes Mine (see Mina Tepehuajes)**Tolimán**

Pappogeomys gymnurus russelli Genoways and Jones, 1969: “12 mi. S Tolimán, 7700 ft., Jalisco.” [= *Cratogeomys fumosus fumosus* (Merriam, 1892c).]

Tonila (Hacienda San Marcos)

Sciurus cervicalis J. A. Allen, 1890c: “Hacienda San Marcos, Tonila, Jalisco.” [= *Sciurus aureogaster nigrescens* Bennett, 1833.]

Oryzomys mexicanus J. A. Allen, 1897a: “H^{da} San Marcos, Tonila, Jalisco, Mexico.” [= *Oryzomys fulgens mexicanus* J. A. Allen, 1897.]

Tuxpan

Hylonycteris underwoodi minor C. J. Phillips and Jones, 1971: “10 mi. SE Tuxpán, 4200 ft., Jalisco.”

Volcán de Fuego

Cryptotis euryrhynchis Genoways and Choate, 1967: “Volcán de Fuego (also called Volcán de Colima),

9800 ft., Jalisco.” [= *Cryptotis alticola* (Merriam, 1895b).]

Sorex veraecrucis altoensis Carraway, 2007: “Volcán de Fuego, 9800 ft., Jalisco’, latitude 19.55°N, longitude 103.63°W.” [= *Sorex salvini altoensis* Carraway, 2007.]

Sigmodon vulcani J. A. Allen, 1906: “Volcan de Fuego, Jalisco, alt. 10,000 feet.” [= *Sigmodon alleni* Bailey, 1902.]

Zapotlán (see Ciudad Guzmán)**ESTADO DE MÉXICO****Estado de México** (no specific locality)

Vespertilio mexicanus de Saussure, 1860: “les terres chaudes de la province de Mexique.” [Restricted to “The desert (warmer part) of the state of México, México” by Dalquest (1953:49); = *Myotis californicus mexicanus* (de Saussure, 1860).]

Almoloya de Alquisiras (Almololoya de Alquiciras)

Habromys schmidlyi Romo–Vázquez, León–Paniagua, and Sánchez, 2005: “Km 8 on Zacualpan–Mamatla road, Municipio Almololoya de Alquiciras, Estado de México, México (18° 43’ N, 99° 46’ W), elevation 1870 m.” [Almoloya de Alquisiras.]

Amecameca

Molossus aztecus de Saussure, 1860: “Amecameca, au pied du Popocatepetl.”

Arroyo Zarco

Lepus callotis Wagler, 1830: “Mexico.” [Herein identified as Arroyo Zarco; see discussion above on the type locality of *Lepus callotis* in the section on taxonomic, nomenclatural, and bibliographic problems.]

Lepus mexicanus Lichtenstein, 1830: Based on “den mexicanischen Hasen” of Hernández (1651) and a specimen sent from Mexico by Deppe. [Junior objective synonym of *Lepus callotis* Wagler, 1830

because it is based on the same type specimen from Arroyo Zarco, state of Mexico; see account for *Lepus callotis*.]

Jilotepec

Habromys delicatulus Carleton, Sánchez, and Urbano Vidales, 2002: “México, Estado México, Municipio Jilotepec, Dexcaní Alto, 2 km E and 3.5 km S Jilotepec, Cañada de la Ermita, 2570 m (19° 56' N, 99° 30' W).”

Mt. Iztaccihuatl (see Volcán Iztaccihuatl)

Mt. Popocatepetl (see Volcán Popocatepetl)

Real de Arriba (Real Arriba)

Canis nigrirostris Lichtenstein, 1830: “Real Arriba.” [“Real de Arriba, Mexico, is situated in the valley of the Rio Temascaltepec at an altitude of 5850 feet, a scant three miles southeast of the town of Temascaltepec” (Sibley and Davis 1946:279).]

Salazar

Thomomys peregrinus Merriam, 1893d: “Salazar, State of Mexico.” [= *Thomomys umbrinus umbrinus* (Richardson, 1829).]

Toluca

Sciurus mexicanus Erxleben, 1777: “noua Hispania ?” [Restricted to “the neighborhood of Toluca, Mexico” by Mearns (1896a:443); = *Ictidomys mexicanus* (Erxleben, 1777).]

Toluca Valley (see Valle de Toluca)

Valle de Toluca (Toluca Valley)

Neotoma fulviventer Merriam, 1894b: “Toluca Valley, Mexico.” [= *Neotoma mexicana torquata* Ward, 1891a.]

Volcán Iztaccihuatl (Mount Iztaccihuatl)

Cratogeomys peregrinus Merriam, 1895a: “Mount Iztaccihuatl, Mexico (altitude, 11,500 feet).” [= *Cratogeomys merriami* (Thomas, 1893e).]

Lyciscus cagottis Hamilton Smith, 1839: “near Rio Frio.” [Western slope of Volcán Iztaccihuatl; = *Canis latrans cagottis* (Hamilton Smith, 1839).]

Volcán Nevado de Toluca (Volcano of Toluca)

Sciurus oculatus tolucae Nelson, 1898a: “north slope of Volcano of Toluca, Mexico, Mex.”

Platygeomys planiceps Merriam, 1895a: “north slope Volcan Toluca, Mexico.” [= *Cratogeomys planiceps* (Merriam, 1895).]

Thomomys umbrinus tolucae Nelson and Goldman, 1934a: “Volcano of Toluca, Mexico, Mexico (north slope, altitude 9,500 feet).” [= *Thomomys umbrinus umbrinus* (Richardson, 1829).]

Reithrodontomys chrysopsis tolucae Merriam, 1901g: “north slope of Volcan Toluca, State of Mexico (altitude 11,500 ft.).” [= *Reithrodontomys chrysopsis chrysopsis* Merriam, 1900b.]

Volcán Popocatepetl (Mt. Popocatepetl)

Blarina alticola Merriam, 1895b: “Mount Popocatepetl, Mexico (altitude, 11,500 feet).” [= *Cryptotis alticola* (Merriam, 1895).]

Romerolagus nelsoni Merriam, 1896b: “Mt. Popocatepetl, Mexico (altitude 3,350 meters or 11,000 feet).” [= *Romerolagus diazi* (Ferrari-Pérez, 1893).]

Cratogeomys oreocetes Merriam, 1895a: “Mount Popocatepetl, Mexico (altitude, 11,000 feet).” [= *Cratogeomys merriami* (Thomas, 1893e).]

Thomomys umbrinus vulcanius Nelson and Goldman, 1934a: “Volcano of Popocatepetl, Mexico, Mexico (altitude 12,900 feet).” [= *Thomomys umbrinus umbrinus* (Richardson, 1829).]

Reithrodontomys chrysopsis Merriam, 1900b: "Mt. Popocatepetl, Mexico."

Zacualpan

Lepus cunicularius Waterhouse, 1848: "Mexico." ["Sacualpan" (Osgood (1907b:52); "probably in State of México" (Nelson, 1909:239); Zacualpan; see account on *Lepus cunicularius* above; = *Sylvilagus cunicularius* (Waterhouse, 1848).]

MICHOACÁN

Apatzingán

Peromyscus perfulvus Osgood, 1945: "10 kilometers west of Apatzingan, Michoacan, Mexico, altitude 1040 feet."

Cerro de Patamban

Platygeomys tylorhinus angustirostris Merriam, 1903b: "Patamban, Michoacan, Mexico." [= *Cratogeomys fumosus angustirostris* (Merriam, 1903).]

Cerro Tancítaro (Mount Tancitaro) ["Cerro de Tancítaro is a larger mountain mass south of Cerro Patambán, and southwest of Uruapan in western Michoacán. On February 20 we left Los Reyes and traveled about 8 miles in a southerly course to the village of Peribán, situated at about 5,000 feet at the extreme lower border of the pines on the northwest slope extending up to Cerro de Tancítaro. On February 23 we rode up to about 9,000 feet on the northwest slope of the mountain and camped in a small opening in the heavy forest. From February 23 to March 3 we worked out from this camp on the slopes of the mountain up to near the summit at more than 12,000 feet. Specimens were labeled "Mount Tancítaro" (Goldman 1951:188; see photograph on cover).]

Microtus mexicanus salvus Hall, 1948: "Mount Tancitaro, 11,400 ft., Michoacán, México."

Nelsonia goldmani Merriam, 1903b: "Mt. Tancitaro, Michoacan, Mexico."

Reithrodontomys chrysopsis seclusus Hall and Villa R., 1949: "Mount Tancítaro, 7800 ft., Micho-

acán, Mexico." [= *Reithrodontomys sumichrasti nerterus* Merriam, 1901g.]

Ciudad Hidalgo

Reithrodontomys microdon wagneri Hooper, 1950b: "Michoacán, about ten miles northwest of Ciudad Hidalgo, western flanks of Cerro San Andrés, 9,400 feet elevation."

Coalcomán

Reithrodontomys mexicanus riparius Hooper, 1955: "México, Michoacán, 2½ mi. SW Coalcomán, 3600 feet elevation."

Dos Aguas

Peromyscus winkelmanni Carleton, 1977: Mexico, Michoacan, 6.3 mi (by road) WSW Dos Aguas, 8000 ft elevation."

El Infiernillo

Rhogeessa mira LaVal, 1973b: "20 km N El Infiernillo, Michoacán, México."

Hacienda El Molino

Lepus floridanus subcinctus Miller, 1899b: "Hacienda El Molino, near Negrete, Michoacan, Mexico." [= *Sylvilagus floridanus orizabae* (Merriam, 1893d).]

La Palma

Peromyscus sagax Elliot, 1903a: "La Palma, State of Michoacan."

La Salada ["La Salada is a ranch at about 2,000 feet, 40 miles south of Uruapan, Michoacán. On March 8 we left Uruapan and traveled about 28 miles in a southerly course, following a narrow valley for some distance, and then, after crossing a ridge at about 6,500 feet, wound down through the foothills to the ranch of Las Pilas On March 9 we continued southeasterly from Las Pilas, 12 miles across an open plain to a small canyon about 2 miles from the ranch of La Salada. We camped in the bottom of this canyon during our two

weeks' stay while collecting specimens for several miles in various directions" (Goldman 1951:190–191)]

Artibeus hirsutus Andersen, 1906: "La Salada, Michoacan, Mexico."

Citellus adocetus Merriam, 1903b: "La Salada, 40 miles south of Uruapan, Michoacan, Mexico." [= *Notocitellus adocetus* (Merriam, 1903).]

Sciurus poliopus senex Nelson, 1904b: "La Salada, 40 miles south of Uruapan, southern Michoacan, Mexico." [= *Sciurus aureogaster nigrescens* Bennett, 1833.]

Liomys parviceps Goldman, 1904: "La Salada, 40 miles south of Uruapan, Michoacan, Mexico." [= *Heteromys pictus plantinarenis* (Merriam, 1902a).]

Peromyscus banderanus vicinior Osgood, 1904: "La Salada, Michoacan, Mexico." [= *Osgoodomys banderanus vicinior* (Osgood, 1904).]

Bassariscus astutus consitus Nelson and Goldman, 1932b: "La Salada, 40 miles south of Uruapan, Michoacan, Mexico."

Los Reyes

Oryzomys couesi regillus Goldman, 1915a: "Los Reyes, Michoacan, Mexico." [= *Oryzomys fulgens regillus* Goldman, 1915.]

Oryzomys fulvescens lenis Goldman, 1915a: "Los Reyes, Michoacan, Mexico." [= *Oligoryzomys fulvescens lenis* (Goldman, 1915).]

Mount Tancítaro (see Cerro Tancítaro)

Nahuatzen

Zygoeomys trichopus Merriam, 1895a: "Nahuatzen, Michoacan, Mexico." [Nahuatzen.]

Neotomodon alstoni Merriam, 1898e: "Nahuatzen, Michoacan, Mexico (alt. 8500 ft.)." [Nahuatzen.]

Panindicuaro

Tlacuatzin balsasensis Arcangeli, Light, and Cervantes, 2018: "14 Km N, 11 Km E Panindicuaro, municipality of Purúandiro de Calderón, Michoacán, México (20°6'35"N, 101°38'38"W)."

Pátzcuaro

Myotis yumanensis lutosus Miller and Allen, 1928: "Pátzcuaro, Michoacan, Mexico."

Sciurus albipes nemoralis Nelson, 1898a: "Pátzcuaro, Michoacan, Mexico." [= *Sciurus aureogaster nigrescens* Bennett, 1833.]

Platygeomys gymnurus imparilis Goldman, 1939a: "Pátzcuaro, Michoacan, Mexico (altitude 7,000 feet)." [= *Cratogeomys fumosus imparilis* (Goldman, 1939).]

Zygoeomys trichopus tarascensis Goldman, 1938e: "mountains six miles southeast of Pátzcuaro, Michoacan, Mexico (altitude 8,000 feet)."

Thomomys umbrinus pullus Hall and Villa R., 1948: "5 mi. S Pátzcuaro, 7800 ft. [2377 m], Michoacán." [= *Thomomys umbrinus umbrinus* (Richardson, 1829).]

Liomys irroratus acutus Hall and Villa R., 1948: "2 mi. W Pátzcuaro, 7700 ft. [2347 m], Michoacán, México." [= *Heteromys irroratus alleni* Coues, 1881.]

Microtus mexicanus fundatus Hall, 1948: "3½ mi. S Pátzcuaro, 7,900 ft., Michoacán, México."

Peromyscus pavidus Elliot, 1903a: "Pátzcuaro, State of Michoacan, Mexico." [= *Peromyscus gratus gratus* Merriam, 1898d.]

Peromyscus hylocetes Merriam, 1898d: "Pátzcuaro, Michoacan, Mexico (alt. about 8000 ft.)."

Rhithrodontomys inexpectatus Elliot, 1903a: "Pátzcuaro, State of Michoacan, Mexico." [= *Reithrodontomys fulvescens toltecus* Merriam, 1901g.]

Sigmodon melanotis Bailey, 1902: “Patzcuaro, Michoacan, Mexico, at 7000 feet altitude.” [= *Sigmodon fulviventer* J. A. Allen, 1889.]

Putorius frenatus leucoparia Merriam, 1896a: “Patzcuaro, Michoacan, Mexico.” [= *Mustela frenata leucoparia* (Merriam, 1896).]

Pinzandarán

Spermophilus adocetus infernatus Álvarez and Ramírez-Pulido, 1968: “14 km N El Infiernillo, Michoacán.” [Redefined by Hall (1981:404) as “Pizandarán,” (= Pinzandarán), 31 km N, 19 km E El Infiernillo; = *Notocitellus adocetus infernatus* (Álvarez and Ramírez-Pulido, 1968).]

Queréndaro

Neotoma latifrons Merriam, 1894b: “Querendaro, Michoacan, Mexico.” [= *Neotoma leucodon latifrons* Merriam, 1894.]

Peromyscus zelotes Osgood, 1904: “Querendaro, Michoacan, Mexico.” [= *Peromyscus gratus gratus* Merriam, 1898d.]

Uruapan

Platygeomys varius Goldman, 1939a: “Uruapan, Michoacan, Mexico (altitude about 6,000 feet).” [= *Cratogeomys fumosus angustirostris* (Merriam, 1903b).]

Zamora

Peromyscus taylori analogus Osgood, 1909: “Zamora, Michoacan.” [= *Baiomys taylori analogus* (Osgood, 1909).]

Peromyscus melanophrys zamorae Osgood, 1904: “Zamora, Michoacan, Mexico.” [= *Peromyscus zamorae* Osgood, 1904; see López-González et al. 2019.]

Sigmodon hispidus atratus Hall, 1949: “6½ mi. W Zamora, 5950 ft., Michoacán, México.” [= *Sigmodon mascotensis* J. A. Allen, 1897.]

Zitácuaro

Peromyscus kilpatricki R. D. Bradley, Ordóñez-Garza, Ceballos, D. Rogers, and D. J. Schmidly, 2016: “Michoacán; 13.5 km SW Zitácuaro (UTM 14Q-352122-2140934).” [Michoacán.]

MORELOS

Alpuyeca

Sigmodon hispidus obvelatus Russell, 1952b: “5 miles S Alpuyeca, 3700 ft., Morelos, Mexico.” [= *Sigmodon mascotensis* J. A. Allen, 1897.]

Axochiapan

Baiomys musculus pallidus Russell, 1952a: “12 km. NW. Axochiapan, elevation 3500 feet, Morelos, Mexico.”

Cuautla

Balantiopteryx ochoterenai Martínez, and Villa, 1938: “Cuautla, Mor.” [= *Balantiopteryx plicata plicata* Peters, 1867.]

Cueva del Ídolo

Glossophaga morenoi Martínez and Villa, 1938: “Cueva del Idolo, 1 Km. S. Tequesquitengo 970 m., Estado de Morelos” [Original type locality “Xiatepec, Mor.”; changed to “Cueva del Idolo” by the designation of a neotype (Villa-R., 1964:387).]

Huitzilac

Dasyops novemcinctus davisii Russell, 1953a: “Huitzilac, 8500 feet, Morelos, Mexico.” [= *Dasyops novemcinctus mexicanus* Peters, 1864b.]

Sciurus nelsoni Merriam, 1893d: “Huitzilac, Morelos, Mexico.” [= *Sciurus aureogaster nigrescens* Bennett, 1833.]

Jiutepec (Xiatepec)

Glossophaga morenoi Martínez and Villa, 1938: “Xiatepec, Mor.” [Changed to “Cueva del Idolo,

1 Km. S. Tequesquitengo 970 m., Estado de Morelos” by Villa-R. (1964:387) by the designation of a neotype.]

Puente de Ixtla

Heteromys exiguus Elliot, 1903a: “Puente de Ixtla, State of Morelos.” [Puente de Ixtla; = *Heteromys irroratus torridus* (Merriam, 1902a).]

Tetela del Volcán

Artibeus aztecus Andersen, 1906: “Tetela del Volcan, Morelos, Mexico.” [= *Dermanura azteca* (Andersen, 1906).]

[Entre] Tetela del Volcán y Zacualpan Amilpas

Neotoma torquata Ward, 1891a: “between Tetela del Volcán and Zacualpan Amilpas, State of Morelos Found in dark tunnel of an abandoned mine.” [= *Neotoma mexicana torquata* Ward, 1891.]

Yautepec (Jautepec)

Dasyopus cucurbitinus Lichtenstein, 1830: “Jautepec.” [Yautepec, Morelos; *nomen oblitum*; = *Dasyopus novemcinctus mexicanus* Peters, 1864b.]

Macrotus mexicanus de Saussure, 1860: “les environs de Yautepec, près de Cuautla,” [= *Macrotus waterhousii mexicanus* de Saussure, 1860.]

Glossophaga mexicana brevirostris Webster and Jones, 1984: “6 mi. W Yautepec, 4500 feet, Morelos, México.” [= *Glossophaga morenoi morenoi* Martínez and Villa, 1938.]

Oryzomys crinitus aztecus Merriam, 1901f: “Yautepec, Morelos, Mexico.” [= *Oryzomys fulgens aztecus* Merriam, 1901.]

NAYARIT

Acaponeta

Molossus nigricans Miller, 1902: “Acaponeta, Tepic, Mexico.” [= *Molossus rufus nigricans* Miller, 1902.]

Amatlán de Cañas

Sciurus poliopus tepicanus J. A. Allen, 1906: “Rancho Palo Amarillo, near Amatlan de Cañas, Tepic, altitude 5000 feet.” [= *Sciurus aureogaster nigrescens* Bennett, 1833.]

Colomo

Thomomys umbrinus extimus Nelson and Goldman, 1934a: “Colomo, southern Nayarit, Mexico (altitude 600 feet).” [= *Thomomys atrovarius atrovarius* J. A. Allen, 1898.]

Compostela

Heteromys hispidus J. A. Allen, 1897a: “Compostella (Rcho El Colomo), Terro Tepic, Jalisco, Mexico.” [Compostela, Nayarit; = *Heteromys pictus hispidus* J. A. Allen, 1897.]

Estanzuela

Sylvilagus floridanus macrocorpus Diersing and Wilson, 1980: “Estanzuela, 1372 m., Nayarit, Mexico.”

Islas Tres Marías (Tres Marias Islands)

Marmosa insularis Merriam, 1898a: “Maria Madre Island, Mexico.” [= *Tlacuatzin insularis* (Merriam, 1898).]

Glossophaga mutica Merriam, 1898a: “Maria Madre Id., Tres Marias Ids., Mexico” [= *Glossophaga soricina mutica* Merriam, 1898.]

Artibeus intermedius koopmani Wilson, 1991: “María Cleofas, Tres Marias Islands, Nayarit, México.” [= *Artibeus lituratus koopmani* Wilson, 1991.]

Antrozous dubiaquercus Van Gelder, 1959: “María Magdalena Island, Tres Marias Islands, Nayarit, México.”

Myotis findleyi Bogan, 1978: “Nayarit: Islas Tres Marias, Isla María Magdalena.”

Rhogeessa parvula H. Allen, 1866: “Tres Marias, Mexico.” [Islas Tres Marias, Nayarit.]

Lepus graysoni J. A. Allen, 1877a: “Tres Marias Islands.” [Restricted to Isla María Madre, Nayarit, México by Nelson (1899a:16); = *Sylvilagus graysoni* (J. A. Allen, 1877).]

Sylvilagus graysoni badistes Diersing and Wilson, 1980: “San Juanito Island of the Tres Marias Islands, Nayarit, Mexico.” [= *Sylvilagus graysoni* (J. A. Allen, 1877a).]

Oryzomys nelsoni Merriam, 1898a: “Maria Madre Island, Tres Marias Islands, Mexico.”

Peromyscus madrensis Merriam, 1898a: “Maria Madre Id., Tres Marias Islands, Mexico.”

Procyon insularis vicinus Nelson and Goldman, 1931a: “Maria Magdalena Island, Tres Marias Islands, off coast of state of Nayarit, western Mexico (altitude [sic] 250 feet).” [Altitude 250 feet; = *Procyon lotor insularis* Merriam, 1898a.]

Procyon lotor insularis Merriam, 1898a: “Maria Madre Island, Tres Marias Ids., Mexico.”

Jalisco

Pappogeomys bulleri nayaritensis Goldman, 1939b: “Jalisco, about 10 miles south of Tepic, Nayarit, Mexico (altitude 5,000 feet).”

Las Varas

Natalus lanatus Tejedor, 2005: “6 mi. SSE Las Varas, Nayarit, Mexico.”

Mesa del Nayar

Thomomys nayarensis Mathis, Hafner, Hafner and Demastes, 2013: “Mexico: Nayarit; 8.5 km N, 7 km W Mesa del Nayar (formerly listed by Hafner et al. 2011:[1382, under *Thomomys umbrinus*] as ‘22 km S, 3 km E Santa Teresa’), 2,200 m (22.290, -104.721).”

Pedro Pablo

Thomomys umbrinus musculus Nelson and Goldman, 1934a: “Pedro Pablo (about 22 miles east of Acajoneta), Sierra de Teponahuaxtla, Nayarit, Mexico (altitude 3,500 feet).” [= *Thomomys atrovarius atrovarius* J. A. Allen, 1898.]

Río de Tepic

Lutra annectens Forsyth Major, 1897: “Terr Tepic, Rio de Tepic, Jalisco.” [Nayarit; = *Lontra longicaudis annectens* (Forsyth Major, 1897).]

San Blas

Chilonycteris mexicana Miller, 1902: “San Blas, Tepic, Mexico.” [See Pavan and Marroig (2016:197); Nayarit; = *Pteronotus mexicanus* (Miller, 1902).]

Sciurus colliaei Richardson, 1839: “San Blas in California.” [Restricted to México by S. F. Baird (1857:280); identified as “San Blas, Tepic, Mexico” by Nelson (1899b:36); Nayarit.]

Peromyscus spicilegus simulus Osgood, 1904: “San Blas, Tepic, Mexico.” [Nayarit; = *Peromyscus simulus* Osgood, 1904.]

San Francisco

Neotoma mexicana eremita Hall, 1955: “1 mile south of San Francisco, 50 feet, Nayarit.”

Santa María del Oro

Peromyscus carletoni R. D. Bradley, Ordóñez–Garza, Sotero–Caio, Huynh, Kilpatrick, Iniguez–Dávalos, and Schmidly, 2014: “México: Nayarit; 70 km N Santa María del Oro (UTM 13Q–559922–2395306).”

Santa Teresa

Thomomys sheldoni Bailey, 1915: “Santa Teresa, (6,800 feet altitude), Tepic, Mexico.”

Santiago

Spermophilus annulatus goldmani Merriam, 1902b: “Santiago, Tepic.” [= *Notocitellus annulatus goldmani* (Merriam, 1902).]

Oryzomys rufus Merriam, 1901f: “Santiago, Tepic, Mexico.” [= *Oryzomys fulgens mexicanus* J. A. Allen, 1897.]

Tepic

Cryptotis pergracilis nayaritensis Jackson, 1933: “Tepic, altitude 3000 feet, State of Nayarit, Mexico.” [= *Cryptotis parvus berlandieri* (S. F. Baird, 1857).]

Valle de Banderas

Oryzomys bulleri J. A. Allen, 1897a: “Valle de Banderas, Terro Tepic, Jalisco, Mexico.” [Nayarit; = *Oryzomys fulgens mexicanus* J. A. Allen, 1897.]

Peromyscus banderanus J. A. Allen, 1897a: “Terro Tepic, Valle de Banderas, Jalisco, Mexico.” [Nayarit; = *Osgoodomys banderanus* (J. A. Allen, 1897).]

NUEVO LEÓN**Cerro de la Silla**

Nasua narica tamaulipensis Goldman, 1942a: “Cerro de la Silla, near Monterrey, Nuevo Leon, Mexico (altitude 2,600 feet).” [= *Nasua narica molaris* Merriam, 1902b.]

Lampazos

Thomomys perditus Merriam, 1901d: “Lampazos, Nuevo Leon, Mexico.” [= *Thomomys bottae perditus* Merriam, 1901.]

Montemorelos

Nycticeius humeralis mexicanus W. B. Davis, 1944: “Río Ramos, twenty kilometers northwest of Montemorelos, 1,000 feet elevation, Nuevo Leon.”

Monterrey

Sciurus alleni Nelson, 1898a: “Monterrey, Tamaulipas, Mexico” [Monterrey, Nuevo León.]

Peromyscus boylii ambiguus Álvarez, 1961: “Monterrey, Nuevo León.”

Santa Catarina [“Santa Catarina (not on modern maps; see Baird, Mammals of North America, [1857] p. 713), a few miles west of Monterey [sic], Nuevo Leon, Mexico” (Lyon and Osgood 1909:165).]

Spermophilus couchii S. F. Baird, 1855: “Santa Caterina.” [Originally “Santa Catarina... Victoria”; restricted to Santa Caterina (= Catarina), Nuevo León, by designation of the lectotype (Lyon and Osgood, 1909:165); = *Otospermophilus variegatus couchii* (S. F. Baird, 1855).]

OAXACA**Estado de Oaxaca** (no specific locality)

Macroxus maurus Gray, 1867: “Mexico, Oaxaca.” [= *Sciurus aureogaster aureogaster* F. Cuvier, 1829.]

Sciurus albipes Wagner, 1837: “höhern Regionen der Kordilleren im Staate von Oaxaca.” [Preoccupied by *Sciurus albipes* Kerr, 1792; replaced by *Sciurus varius* Wagner, 1843 (preoccupied by *Sciurus varius* Pallas, 1811); replaced by *Sciurus variegatus poliopus* Fitzinger, 1867; [= *Sciurus aureogaster nigrescens* Bennett, 1833.]

Sciurus varius Wagner, 1843 (see *Sciurus albipes* Wagner, 1837). [= *Sciurus aureogaster nigrescens* Bennett, 1833.]

Sciurus variegatus poliopus Fitzinger, 1867 (see *Sciurus albipes* Wagner, 1837). [= *Sciurus aureogaster nigrescens* Bennett, 1833.]

Sciurus variegatus rufipes Fitzinger, 1867: “Mexico, Oaxaca.” [= *Sciurus aureogaster nigrescens* Bennett, 1833.]

Agua Zarca (Agua Sarca)

Peromyscus banderanus coatlanensis Goodwin, 1956b: “Agua Sarca, about 7 kilometers southwest of Coatlán, District of Tehuantepec, Oaxaca, México. Altitude about 3500 feet.” [Agua Zarca; = *Peromyscus mexicanus totontepecus* Merriam, 1898d.]

Cerro Azul

Peromyscus megalops azulensis Goodwin, 1956b: “Cerro Azul, District of Juchitan, Oaxaca, México. Altitude about 7000 feet.” [= *Peromyscus mexicanus azulensis* Goodwin, 1956.]

Cerro Machín

Peromyscus ixtlani Goodwin, 1964: “Cerro Machín, 5 kilometers northeast of Macuiltianguis, District of Ixtlán, Oaxaca, Mexico, at an altitude of 9000 feet.” [= *Habromys ixtlani* (Goodwin, 1964).]

Cerro Pelón

Sorex ixtlanensis Carraway, 2007: “N slope Cerro Pelón, 31.6 kms. S (by road) Vista Hermosa, 2650 m., Oaxaca, latitude 17.36°N, longitude 95.25°W.” [Cerro Pelón]

Peromyscus thomasi cryophilus Musser, 1964: “México, Oaxaca, Distrito de Ixtlán, Sierra de Juárez, 13 mi. (on Tuxtepec–Oaxaca de Juárez road) NE Llano de las Flores on upper slopes of Cerro Pelón, 9200 feet elevation.” [= *Megadontomys cryophilus* (Musser, 1964).]

Peromyscus chinanteco Robertson and Musser, 1976: “N slope Cerro Pelón, 31.6 km. S Vista Hermosa, 2650 m., Oaxaca.” [= *Habromys chinanteco* (Robertson and Musser, 1976).]

Cerro San Felipe (Cerro de San Felipe)

Sorex obscurus ventralis Merriam, 1895c: “Cerro San Felipe, Oaxaca, Mexico (altitude, 10,000 feet).” [= *Sorex ventralis* Merriam, 1895.]

Macroxus leucops Gray, 1867: “North America, Mexico, Oaxaca.” [Restricted to Cerro San Felipe,

Oaxaca by Nelson (1899b:48); = *Sciurus aureogaster nigrescens* Bennett, 1833.]

Orthogeomys grandis felipensis Nelson and Goldman, 1930c: “Cerro San Felipe, 10 miles north of Oaxaca, Oaxaca, Mexico (altitude 10,000 feet).”

Microtus fulviventer Merriam, 1898c: “Cerro de San Felipe, Oaxaca, Mexico (alt. 10200 ft.)” [= *Microtus mexicanus fulviventer* Merriam, 1898.]

Peromyscus felipensis Merriam, 1898d: “Cerro San Felipe, Oaxaca, Mexico (alt. 10,200 ft.)” [= *Peromyscus difficilis felipensis* Merriam, 1898.]

Peromyscus oaxacensis Merriam, 1898d: “Cerro San Felipe, Oaxaca, Mexico (alt. 10,000 ft.)” [= *Peromyscus aztecus oaxacensis* Merriam, 1898.]

Reithrodontomys microdon albilabris Merriam, 1901g: “Cerro San Felipe, Oaxaca, Mexico (altitude 10,000 ft.)”

Reithrodontomys saturatus alticolus Merriam, 1901g: “Cerro de San Felipe, near Oaxaca City, Oaxaca (altitude 10,000 ft.)” [= *Reithrodontomys megalotis alticola* Merriam, 1901.]

Sigmodon alticola Bailey, 1902: “Cerro San Felipe, Oaxaca, Mexico at 10,000 feet altitude.” [= *Sigmodon leucotis alticola* Bailey, 1902.]

Felis glaucula oaxacensis Nelson and Goldman, 1931c: “Cerro San Felipe, Oaxaca, Mexico (altitude 10,000 feet).” [= *Leopardus wiedii oaxacensis* (Nelson and Goldman, 1931).]

Conepatus filipensis Merriam, 1902c: “Cerro San Felipe, Oaxaca (altitude 10,000 feet).” [= *Conepatus leuconotus leuconotus* (Lichtenstein, 1832).]

Cerro San Pedro

Sigmodon macrodon Goodwin, 1955a: “Cerro San Pedro (rocky summit), altitude 3600 feet, 20 kilometers west of Mixtequilla, District of Tehuantepec, Oaxaca, Mexico.” [= *Sigmodon alleni* Bailey, 1902.]

Cerro Zempoaltepec (Mount Zempoaltepec)

Blarina fossor Merriam, 1895b: “Mount Zempoaltepec, Oaxaca, Mexico (altitude, 10,500 feet).” [= *Cryptotis goldmani machetes* (Merriam, 1895b).]

Orthogeomys nelsoni Merriam, 1895a: “Mt. Zempoaltepec, Oaxaca, Mexico (altitude 8,000 feet).” [= *Orthogeomys grandis nelsoni* Merriam, 1895.]

Microtus umbrosus Merriam, 1898c: “Mt. Zempoaltepec, Oaxaca (alt. 8200 feet).”

Peromyscus lepturus Merriam, 1898d: “Mt. Zempoaltepec, Oaxaca, Mexico (alt. 8200 ft.).” [= *Habromys lepturus* (Merriam, 1898).]

Peromyscus melanocarpus Osgood, 1904: “Mount Zempoaltepec, Oaxaca, Mexico (altitude, 8000 feet).”

Coixtlahuaca (see San Juan Bautista Coixtlahuaca)**Comaltepec** (see Santiago Comaltepec)**Cuicatlán**

Liomys torridus Merriam, 1902a: “Cuicatlan, Oaxaca, Mexico.” [= *Heteromys irroratus torridus* (Merriam, 1902).]

Peromyscus musculoides Merriam, 1898d: “Cuicatlan, Oaxaca, Mexico (alt. 1800 ft.).” [= *Peromyscus leucopus affinis* (J. A. Allen, 1891).]

El Arco

Sigmodon hispidus ischyryus Goodwin, 1956b: “‘El Arco’, gorge of Río Grande, Santo Domingo Chontecomatlán, District of Yautepec, Oaxaca, México. Altitude 2600 feet.” [= *Sigmodon mascotensis* J. A. Allen, 1897.]

Escurano

Orthogeomys grandis carbo Goodwin, 1956a: “Escurano, altitude 2500 feet, Cerro de San Pedro, 20 kilometers west of Mixtequilla, District of Tehuantepec, Oaxaca, Mexico.”

Huajuapam de León (Huajuapam)

Liomys torridus minor Merriam, 1902a: “Huajuapam, Oaxaca, Mexico.” [Huajuapam; = *Heteromys irroratus torridus* (Merriam, 1902a).]

Huilotepec

Neotoma isthmica Goldman, 1904: “Huilotepec, 8 miles south of Tehuantepec, Oaxaca, Mexico (altitude, 100 feet).” [= *Neotoma ferruginea isthmica* Goldman, 1904.]

Juquila

Marmosa murina mexicana Merriam, 1897b: “Juquila, Oaxaca.” [= *Marmosa mexicana* Merriam, 1897.]

Neotoma parvidens Goldman, 1904: “Juquila, Oaxaca, Mexico (altitude, 5000 feet).” [= *Neotoma mexicana parvidens* Goldman, 1904.]

Peromyscus spicilegus evides Osgood, 1904: “Juquila, Oaxaca.” [= *Peromyscus aztecus evides* Osgood, 1904.]

Reithrodontomys rufescens luteolus Howell, 1914: “Juquila, Oaxaca, Mexico (altitude 5,000 feet).” [= *Reithrodontomys sumichrasti luteolus* Howell, 1914.]

Sigmodon planifrons Nelson and Goldman, 1933a: “Juquila, southwestern Oaxaca, Mexico (altitude 5,000 feet).”

Kilometer 183

Orthogeomys grandis alvarezii Schaldach, 1966: “ridge above Lachao (pass above Kilometer 183), on road from Oaxaca City to Puerto Escondido, approximately 40 kms. N. San Gabriel Mixtepec, Municipio de Juquila, Oaxaca, México, altitude approximately 1700 m.”

Tylomys nudicaudus villai Schaldach, 1966: “Kilometer 183, on road from Oaxaca City to Puerto Escondido (36.5 kms.) by road N. San Gabriel Mixtepec, Municipio de Juquila, Oaxaca, altitude approximately 1600 meters.”

La Gloria

Oryzomys alfaroi gloriaensis Goodwin, 1956a: "La Gloria, rain forest, about 2500 feet elevation, 10 kilometers south of Santa María Chimalapa, District of Juchitán, Oaxaca, Mexico."

Tylomys nudicaudus microdon Goodwin, 1955c: "La Gloria, rain forest at about 2500 feet elevation, 10 kilometers southeast of Santa María Chimalapa, Isthmus of Tehuantepec, Oaxaca, Mexico."

Jentinkia sumichrasti oaxacensis Goodwin, 1956a: "rain forest, about 2600 feet elevation, La Gloria, 10 kilometers southeast of Santa María, District of Juchitán, Oaxaca, Mexico." [= *Bassariscus sumichrasti oaxacensis* (Goodwin, 1956).]

La Parada

Heteromys albolimbatus Gray, 1868: "Mexico? La Parada." [La Parada, Oaxaca; = *Heteromys irroratus irroratus* Gray, 1868.]

Lachao (see Kilometer 183)

Las Cuevas

Cryptotis celatus Goodwin, 1956b: "Las Cuevas, Santiago Lachiguirí, District of Tehuantepec, Oaxaca, México." [= *Cryptotis parvus pueblensis* Jackson, 1933.]

Spilogale pygmaea albipes Goodwin, 1956a: "Las Cuevas, in the valley of and on the eastern side of the Río Tehuantepec, 17 kilometers northwest of the city of Tehuantepec, Oaxaca, Mexico." [= *Spilogale pygmaea australis* Hall, 1938.]

La Ventosa

Bassariscus astutus macdougalli Goodwin, 1956a: "La Ventosa, Salina Cruz, coastal lowlands, 20 kilometers south of the city of Tehuantepec, Oaxaca, Mexico."

Llano Grande ["Llano Grande is a village at 200 feet about 25 miles from the coast between the affluents of

the river flowing from southwestern Oaxaca into Guerrero. Not to be confused with another Llano Grande, shown on some maps nearer the coast in the same general region" (Goldman 1951:216).]

Reithrodontomys fulvescens mustelinus Howell, 1914: "Llano Grande, Oaxaca, Mexico."

Los Nanches

Lynx rufus oaxacensis Goodwin, 1963: "Los Nanches, San Pedro Jilotepec, District of Tehuantepec, Oaxaca, Mexico; altitude about 5000 feet."

Mazatlán

Eumops abrasus oaxacensis Goodwin, 1956a: "Mazatlán, about 3000 feet elevation, District of Mixes, Oaxaca, Mexico." [= *Eumops auripendulus auripendulus* (Shaw, 1800).]

Heteromys nigricaudatus Goodwin, 1956b: "Mazatlán, about 1500 feet elevation, District of Mixes, Oaxaca, México." [= *Heteromys desmarestianus desmarestianus* Gray, 1868.]

Mountains 15 miles west of Oaxaca (see Montañas 15 millas oeste de Oaxaca)

Mountains near Ozolotepec (see Santa María Ozolotepec)

Mountains near Santo Domingo (see Montañas cerca de Santo Domingo)

Mountains 12 miles northwest of Santo Domingo (see Montañas cerca de Santo Domingo)

Montañas cerca de Santo Domingo (Mountains near Santo Domingo; mountains 12 miles northwest of Santo Domingo) ["On June 14 we left Santo Domingo and entered the mountains for about 12 miles in a northwesterly direction to the summer camp of the Santo Domingo Indians, known as La Ranchería. Specimens from there were labeled "Mts. near Santo Domingo" (Goldman 1951:224–225).]

Heterogeomys hispidus tehuantepecus Goldman, 1939d: “mountains 12 miles northwest of Santo Domingo and about 60 miles north of Tehuantepec City, Oaxaca, Mexico (altitude 1,600 feet).”

Heteromys goldmani lepturus Merriam, 1902a: “Mountains near Santo Domingo, Oaxaca, Mexico.” [= *Heteromys desmarestianus desmarestianus* Gray, 1868.]

Mount Zempoaltepec (see Cerro Zempoaltepec)

Montañas 15 millas oeste de Oaxaca (Mountains 15 miles west of Oaxaca) [“Leaving Oaxaca on September 10 we traveled southwest down the open valley about 8 miles to the town of Cuilapan. On the following day our direction was west into the mountains that extend along the west side of the Valley of Oaxaca. We passed the town of Santa Inéz and, crossing the summit of the range at 9,500 feet, descended into a wet meadow at 9,300 feet on the west slope known as Nevería Herrera.... Specimens were labeled ‘Mountains 15 miles west of Oaxaca’, but as we later learned the direction was more nearly southwest” (Goldman 1951:218).

Blarina mexicana peregrina Merriam, 1895b: “mountains 15 mi. west of city of Oaxaca, Oaxaca, Mexico (altitude, 9,500 feet).” [= *Cryptotis peregrinus* (Merriam, 1895).]

Sciurus albipes quercinus Nelson, 1898a: “mountains on west side of Valley of Oaxaca, Oaxaca, Mexico.” [Name preoccupied by *Sciurus quercinus* Erxleben, 1777; replaced by *Sciurus albipes hernandezi* Nelson, 1898b; = *Sciurus aureogaster nigrescens* Bennett, 1833.]

Sciurus albipes hernandezi Nelson, 1898b (see *Sciurus albipes quercinus* Nelson, 1898a). [= *Sciurus aureogaster nigrescens* Bennett, 1833.]

Peromyscus auritus Merriam, 1898d: “Mts. 15 miles west of Oaxaca, State of Oaxaca, Mexico.” [= *Peromyscus megalops auritus* Merriam, 1898.]

Odocoileus virginianus oaxacensis Goldman and Kellogg, 1940: “Mountains 15 miles west of Oaxaca, Oaxaca, Mexico (altitude 9,500 feet).”

Niltepec

Phyllostoma verrucosum Elliot, 1905b: “Niltepec, Oaxaca, Mexico.” [= *Phyllostomus discolor verrucosus* (Elliot, 1905).]

Oaxaca

Marmosa oaxacae Merriam, 1897b: “City of Oaxaca, Oaxaca, Mexico.” [= *Tlacuatzin canescens* (J. A. Allen, 1893).]

Heteromys irroratus Gray, 1868: “Mexico, State of Oaxaca.” [Restricted to “near the city of Oaxaca” by Goldman (1911:53).]

Peromyscus sonoriensis fulvus Osgood, 1904: “Oaxaca City, Oaxaca, Mexico.” [= *Peromyscus labecula fulvus* Osgood, 1904.]

Reithrodontomys griseoflavus helvolus Merriam, 1901g: “Oaxaca City, Oaxaca, Mexico.” [= *Reithrodontomys fulvescens helvolus* Merriam, 1901.]

Ozolotepec (see Santa María Ozolotepec)

Pinotepa

Liomys phaeura Merriam, 1902a: “Pinotepa, Oaxaca, Mexico.” [= *Heteromys pictus pictus* Thomas, 1893b.]

Pluma Hidalgo (Pluma)

Heteromys annectens Merriam, 1902a: “Pluma, Oaxaca, Mexico.” [= *Heteromys pictus annectens* Merriam, 1902.]

Peromyscus megalops melanurus Osgood, 1909: “Pluma, Oaxaca, Mexico. Altitude, 4,600 feet.” [= *Peromyscus melanurus* Osgood, 1909.]

Puerto Ángel

Sciurus socialis littoralis Nelson, 1907b: “Puerto Ángel, Oaxaca, Mexico.” [= *Sciurus aureogaster nigrescens* Bennett, 1833.]

Peromyscus banderanus angelensis Osgood, 1904: "Puerto Angel, Oaxaca, Mexico." [= *Peromyscus mexicanus angelensis* Osgood, 1904.]

Rancho Sauce

Liomys irroratus yautepecus Goodwin, 1956a: "Rancho Sauce, 5000 feet elevation, San Pedro Jilotepec, District of Yautepec, Oaxaca, Mexico." [= *Heteromys irroratus irroratus* Gray, 1868.]

Reforma

Rhithrodontomys amoenus Elliot, 1905b: "Reforma, Oaxaca, Mexico." [= *Reithrodontomys fulvescens amoenus* (Elliot, 1905).]

Reyes (see Santo Reyes Pápalo)

Río Guamól

Glossophaga mexicana Webster and Jones, 1980: "Río Guamól, 34 mi. S (by Hwy. 190) La Ventosa Jct., Oaxaca, México." [= *Glossophaga morenoi mexicana* Webster and Jones, 1980.]

Río Mono Blanco

Peromyscus banderanus sloeops Goodwin, 1955b: "Río Mono Blanco, in the pine and oak woods, 25 kilometers northeast of Zanatepec, altitude about 3000 feet, District of Juchitán, Oaxaca, Mexico." [= *Peromyscus mexicanus mexicanus* (de Saussure, 1860).]

San Antonio

Myotis thysanodes aztecus Miller and Allen, 1928: "San Antonio, Oaxaca, Mexico."

San Bartolo Yautepec

Rhogeessa tumida major Goodwin, 1958b: "San Bartolo Yautepec, Yautepec, Oaxaca, Mexico; altitude 800 meters." [= *Rhogeessa parvula major* Goodwin, 1958.]

San Blas

Molossus pretiosus macdougalli Goodwin, 1956a: "San Blas, 3 kilometers southeast of the city of Tehuantepec, about 100 feet elevation, Oaxaca, Mexico." [= *Molossus rufus nigricans* Miller, 1902.]

San Carlos Yautepec

Peromyscus leucurus gadovii Thomas, 1903a: "San Carlos Yantepec, Oaxaca, Mexico (between Oaxaca City and Tehuantepec). Altitude 2250 feet." [San Carlos Yautepec; = *Peromyscus melanophrys* (Coues, 1874).]

San José Lachiguirí

Peromyscus leucopus lachiguiriensis Goodwin, 1956b: "San José Lachiguirí, District of Miahuatlán, Oaxaca, México; altitude 4000 feet."

Rheomys mexicanus Goodwin, 1959c: "San Jose Lachiguiri, District of Miahuatlan, Oaxaca, Mexico, altitude 4000 feet."

San Juan Bautista Coixtlahuaca (Coixtlahuaca)

Peromyscus amplus Osgood, 1904: "Coixtlahuaca, Oaxaca, Mexico." [San Juan Bautista Coixtlahuaca; = *Peromyscus difficilis amplus* Osgood, 1904.]

San Mateo del Mar

Mephitis macroura Lichtenstein, 1832: "nordwestlich von der Stadt Mexico." [Herein corrected to "San Mateo del Mar, Oaxaca"; see discussion above on the type locality of *Mephitis macroura* in the section on taxonomic, nomenclatural, and bibliographic problems.]

Mephitis vittata Lichtenstein, 1832: "San Matteo del Mar." [San Mateo del Mar; = *Mephitis macroura* Lichtenstein, 1832]

Spilogale angustifrons tropicalis Howell, 1902: "San Mateo del Mar, Oaxaca."

San Miguel Suchixtepec

Notiosorex phillipsii Schaldach, 1966: “Río Molino, 3 kilometers S.W. San Miguel Suchixtepec, altitude 2250 meters, southern Oaxaca, México.” [= *Cryptotis phillipsii* (Schaldach, 1966).]

San Pedro Jilotepec

Glaucomys volans oaxacensis Goodwin, 1961: “San Pedro Jilotepec, District of Tehuantepec, Oaxaca, Mexico, altitude about 5000 feet.”

Santa Efigenia

Hemiderma subrufum Hahn, 1905: “Santa Efigenia, Oaxaca, Mexico.” [Santa Efigenia; = *Carollia subrufa* (Hahn, 1905).]

Ateles tricolor Hollister, 1914a: “Santa Efigenia, Oaxaca, Mexico.” [= *Ateles geoffroyi vellerus* Gray, 1866c.]

Hesperomys melanophrys Coues, 1874: “Sta. Efigenia.” [= *Peromyscus melanophrys* (Coues, 1874).]

Nasua narica isthmica Goldman, 1942a: “Santa Efigenia, an hacienda about eight miles northwest of Tapanatepec, southeastern Oaxaca, Mexico (altitude 1,200 feet).” [= *Nasua narica narica* (Linnaeus, 1766).]

Santa Lucía

Sigmodon planifrons minor Goodwin, 1955a: “Santa Lucía, 4000 feet elevation, 12 kilometers northeast of Tenango, District of Tehuantepec, Oaxaca, Mexico.” [Preoccupied by *Sigmodon minor* Gidley, 1922; replaced by *Sigmodon planifrons setzeri* Goodwin, 1959b; = *Sigmodon planifrons* Nelson and Goldman, 1933a.]

Sigmodon planifrons setzeri Goodwin, 1959b (see *Sigmodon planifrons minor* Goodwin, 1955a). [= *Sigmodon planifrons* Nelson and Goldman, 1933a.]

Santa María Ozolotepec (Mountains near Ozolotepec) [“This locality is a ranch called La Cienequilla at

10,000 feet in the Sierra Madre del Sur, near the village of Santa María Ozolotepec” (Goldman 1951:224).]

Blarina mexicana machetes Merriam, 1895b: “mountains near Ozolotepec, Oaxaca (altitude, 10,000 feet).” [= *Cryptotis goldmani machetes* (Merriam, 1895).]

Sorex saussurei oaxacae Jackson, 1925: “Mountains near Ozolotepec, altitude 10,000 feet, State of Oaxaca, Mexico.” [= *Sorex salvini oaxacae* Jackson, 1925.]

Peromyscus megalops Merriam, 1898d: “Mts. near Ozolotepec, Oaxaca, Mexico.”

Reithrodontomys alleni Howell, 1914: “mountains near Ozolotepec, Oaxaca, Mexico (altitude 10,000 feet).” [= *Reithrodontomys sumichrasti luteolus* Howell, 1914.]

Santiago Comaltepec (Comaltepec)

Oryzomys chapmani caudatus Merriam, 1901f: “Comaltepec, Oaxaca, Mexico.”

Santo Domingo

Glaucomys volans chontali Goodwin, 1961: “Santo Domingo, Chontecomatlán, District of Yautepec, Oaxaca, Mexico, altitude about 7000 feet.” [= *Glaucomys volans oaxacensis* Goodwin, 1961.]

Nyctomys sumichrasti pallidulus Goldman, 1937c: “Santo Domingo, 8 miles west of Lagunas, on the Mexican National Railroad, Isthmus of Tehuantepec, Oaxaca, Mexico (altitude 900 feet).”

Santo Domingo de Guzmán

Didelphis canescens J. A. Allen, 1893e: “Santo Domingo de Guzman, Isthmus of Tehuantepec, Mexico.” [= *Tlacuatzin canescens* (J. A. Allen, 1893).]

Santo Reyes Pápalo (Reyes)

Sorex saussurei caudatus Merriam, 1895c: “Reyes, Oaxaca, Mexico (altitude 10,200 feet).” [Preoc-

cupied by *Sorex caudatus* Horsfield, 1851 (see discussion above on authorship of *Sorex caudatus* in section on taxonomic, nomenclatural, and bibliographic problems); replaced by *Sorex saussurei mutabilis* Merriam, 1898f; = *Sorex veraepacis mutabilis* Merriam, 1898.]

Sorex saussurei mutabilis Merriam, 1898f (see *Sorex saussurei caudatus* Merriam, 1895c). [= *Sorex veraepacis mutabilis* Merriam, 1898.]

Santo Tomás Teipán

Peromyscus hylocetes yautepecus Goodwin, 1955b: “Santo Tomás Teipán, cloud forest above village 12 kilometers south of San Bartolo Yautepec, altitude about 7000 feet, Oaxaca, Mexico.” [= *Peromyscus aztecus evides* Osgood, 1904.]

Sigmodon macdougalli Goodwin, 1955a: “Santo Tomás Teipán (rain forest above village), 7000 feet elevation, 12 kilometers south of Yautepec, Oaxaca.” [= *Sigmodon alleni* Bailey, 1902.]

San Vicente

Peromyscus mexicanus putlaensis Goodwin, 1964: “San Vicente, District of Putla, Oaxaca, Mexico, at an altitude of 4000 feet.”

Sierra de Juárez (see Cerro Pelón)

Tarabundi

Microtus oaxacensis Goodwin, 1966: “an evergreen rain forest at Tarabundi, a ranch near the village of Vista Hermosa, about halfway between Comaltepec and Valle Nacional, 135 km north of Oaxaca city, district of Ixtlán, Oaxaca, Mexico, altitude, about 5,000 feet.” [Tarabundi.]

Tehuantepec

Cryptotis frontalis Miller, 1911: “near the City of Tehuantepec, Mexico.” [= *Cryptotis goldmani machetes* (Merriam, 1895b).]

Cyclopes mexicanus Hollister, 1914c: “Tehuantepec, Oaxaca, Mexico.” [= *Cyclopes dorsalis* (Gray, 1865b); see Miranda et al. (2017).]

Pteronotus suapurensis calvus Goodwin, 1958a: “Tehuantepec, Oaxaca, México; altitude 150 feet.” [See Dávalos (2006:101); Pavan and Marroig (2016:197); = *Pteronotus fulvus* (Thomas, 1892b).]

Chilonycteris psilotis Dobson, 1878: “Unknown.” [Type locality fixed as “Tehuantepec, Oaxaca” by de la Torre (1955:696); see Dávalos (2006:101); = *Pteronotus psilotis* (Dobson, 1878).]

Lepus flavigularis Wagner, 1844: “Mexico.” [“Probably near Tehuantepec City, Oaxaca” (Nelson 1909:125).]

Lepus sylvaticus aztecus J. A. Allen, 1890c: “Tehuantepec City.” [= *Sylvilagus floridanus aztecus* (J. A. Allen, 1890).]

Sciurus socialis Wagner, 1837: “die heissen Striche von Tehuantepec am der Südseeküste im Staate von Oaxaca.” [= *Sciurus aureogaster nigrescens* Bennett, 1833.]

Geomys scalops Thomas, 1894a: “Tehuantepec.” [= *Orthogeomys grandis scalops* (Thomas, 1894).]

Liomys pictus isthmus Merriam, 1902a: “Tehuantepec, Oaxaca, Mexico.” [= *Heteromys pictus pictus* Thomas, 1893b.]

Hesperomys affinis J. A. Allen, 1891b: “Barrio, Tehuantepec, Mexico.” [= *Peromyscus leucopus affinis* (J. A. Allen, 1891).]

Peromyscus leucurus Thomas, 1894b: “Tehuantepec.”

Peromyscus tehuantepecus Merriam, 1898d: “Tehuantepec, Oaxaca, Mexico.” [= *Peromyscus mexicanus tehuantepecus* Merriam, 1898.]

Teotitlán

Dipodomys phillipsii oaxacae Hooper, 1947: “México, Oaxaca, Teotitlán, 950 meters elevation.”

Baiomys musculus infernatis Hooper, 1952c: “México, Oaxaca, Teotitlán.”

Reithrodontomys fulvescens infernatis Hooper, 1950b: “México, Oaxaca, Teotitlán, 3,100 feet elevation.”

Tlacolula

Peromyscus truei zapotecae Hooper, 1957: “México, Oaxaca, 1 mile E Tlacolula, 5700 feet elevation.” [= *Peromyscus gratus zapotecae* Hooper, 1957.]

Totontepec

Blarina magna Merriam, 1895b: “Totontepec, Oaxaca (altitude, 6,800 feet).” [= *Cryptotis magnus* (Merriam, 1895).]

Neotoma tropicalis Goldman, 1904: “Totontepec, Oaxaca, Mexico (altitude, 6500 feet).” [= *Neotoma ferruginea tropicalis* Goldman, 1904.]

Peromyscus mexicanus totontepecus Merriam, 1898d: “Totontepec, Oaxaca, Mexico (alt. 6500 ft.).”

Xanaguía

Baiomys musculus nebulosus Goodwin, 1959a: “Xanangua, District of Miahuatlan, Oaxaca, México, altitude, 6000 feet.” [Xanaguía; = *Baiomys musculus pallidus* Russell, 1952a.]

Zanatepec

Orthogeomys cuniculus Elliot, 1905b: “Yautepec, Oaxaca, Mexico.” [Corrected to “Zanatepec,” Oaxaca by Elliot (1907:312); = *Orthogeomys grandis* (Thomas, 1893e).]

PUEBLA

Aquixtla

Sciurus nigrescens Bennett, 1833: “from that part of California which adjoins to Mexico.” [Restricted to the “... high mountains south and southeast of the town of Aquixtla, in northern Puebla ...” by

Musser (1970:14; also see Gardner, 1973:30–33); = *Sciurus aureogaster nigrescens* Bennett, 1833.]

Atlixco

Cratogeomys merriami saccharalis Nelson and Goldman, 1934b: “Atlixco, Puebla, Mexico (altitude 5,400 feet).” [= *Cratogeomys merriami* (Thomas, 1893e).]

Chalchicomula (see Ciudad Serdán)

Ciudad Serdán (Chalchicomula)

Cratogeomys fulvescens Merriam, 1895a: “Chalchicomula, State of Puebla, Mexico.” [Ciudad Serdán, previously known as San Andrés Chalchicomula.]

Peromyscus mekisturus Merriam, 1898d: “Chalchicomula, Puebla, Mexico (alt. 8400 ft.).” [Ciudad Serdán, previously known as San Andrés Chalchicomula.]

Reithrodontomys saturatus cinereus Merriam, 1901g: “Chalchicomula, Puebla, Mexico.” [Ciudad Serdán, previously known as San Andrés Chalchicomula; = *Reithrodontomys megalotis saturatus* J. A. Allen and Chapman, 1897.]

Huachinango

Cryptotis pergracilis pueblensis Jackson, 1933: “Huachinango, altitude 5000 feet, State of Puebla, Mexico.” [Huachinango; = *Cryptotis parvus pueblensis* Jackson, 1933.]

Oryzomys chapmani dilutior Merriam, 1901f: “Huachinango, Puebla, Mexico.” [Huachinango.]

Metlatoyuca

Liomys irroratus pretiosus Goldman, 1911: “Metlatoyuca, Puebla.” [= *Heteromys irroratus texensis* (Merriam, 1902a).]

Oryzomys rostratus Merriam, 1901f: “Metlatoyuca, Puebla, Mexico.”

Peromyscus leucopus incensus Goldman, 1942b: “Metaltoyuca, Puebla, Mexico (altitude 800 feet).” [Metlaltoyuca.]

Reithrodontomys goldmani Merriam, 1901g: “Metlaltoyuca, Puebla (altitude 800 ft.)” [= *Reithrodontomys mexicanus mexicanus* (de Saussure, 1860).]

Tayassu angulatus crassus Merriam, 1901e: “Metlaltoyuca, Puebla.” [= *Dicotyles crassus crassus* (Merriam, 1901).]

Mount Orizaba (see Pico de Orizaba)

Mt. Iztaccihuatl (see Volcán Iztaccihuatl)

Pico de Orizaba (Mount Orizaba)

Sorex orizabae Merriam, 1895c: “Mount Orizaba, State of Puebla, Mexico (altitude, 9,500 feet).”

Lepus orizabae Merriam, 1893d: “Mt. Orizaba, State of Puebla, Mexico (altitude about 9,500 feet).” [= *Sylvilagus floridanus orizabae* (Merriam, 1893).]

Thomomys orizabae Merriam, 1893d: “Mt. Orizaba, State of Puebla, Mexico (altitude, about 9,500 feet).” [= *Thomomys umbrinus umbrinus* (Richardson, 1829).]

Arvicola mexicanus de Saussure, 1861: “Mexico.” [Restricted to “Mt. Orizaba,” Puebla by Merriam (1898c:105); = *Microtus mexicanus mexicanus* (de Saussure, 1861).]

Neotoma orizabae Merriam, 1894b: “Mt. Orizaba, Puebla.” [= *Neotoma mexicana torquata* Ward, 1891a.]

Neotomodon orizabae Merriam, 1898e: “Mt. Orizaba, Puebla, Mexico (alt. 9500 ft.)” [= *Neotomodon alstoni* Merriam, 1898e.]

Reithrodontomys orizabae Merriam, 1901g: “Mount Orizaba, Puebla, Mexico (altitude 9,500 ft.)” [= *Reithrodontomys chrysopsis perotensis* Merriam, 1901g.]

Piaxtla

Rhogeessa gracilis Miller, 1897: “Piaxtla, Puebla.”

Sciurus poliopus perigrinator Nelson, 1904b: “Piaxtla, Puebla, Mexico.” [= *Sciurus aureogaster nigrescens* Bennett, 1833.]

Puebla

Lepus floridanus persultator Elliot, 1903a: “Puebla, State of Puebla.” [= *Sylvilagus floridanus orizabae* (Merriam, 1893d).]

San Martín Texmelucan

Thomomys umbrinus martinensis Nelson and Goldman, 1934a: “San Martin Texmelucan, Puebla, Mexico (altitude 7,400 feet).” [= *Thomomys umbrinus umbrinus* (Richardson, 1829).]

Tehuacán

Hodomys vetulus Merriam, 1894c: “Tehuacan, Puebla, Mexico.” [= *Hodomys alleni vetulus* Merriam, 1894.]

Tochimilco

Sciurus nelsoni hirtus Nelson, 1898a: “Tochimilco, Puebla, Mexico.” [= *Sciurus aureogaster nigrescens* Bennett, 1833.]

Volcán Iztaccihuatl (Mt. Iztaccihuatl)

Lepus diazi Ferrari-Pérez, 1893: “volcán.” [Identified as “eastern slope of Mt. Iztaccihuatl, Puebla,” by Miller (1911:228), = *Romerolagus diazi* (Ferrari-Pérez, 1893).]

QUERÉTARO

Cadereyta

Peromyscus difficilis saxicola Hoffmeister and de la Torre, 1959: “Cadereyta, 2100 meters, Querétaro, México.”

Jalpan

Peromyscus attwateri pectoralis Osgood, 1904: “Jalpan, Queretaro, Mexico.” [= *Peromyscus pectoralis* Osgood, 1904.]

Pinal de Amoles

Platygeomys neglectus Merriam, 1902b: “Cerro de la Calentura, about 8 miles northwest of Pinal de Amoles, Queretaro, Mexico. Altitude 9000 feet.” [= *Cratogeomys fumosus tylorhinus* (Merriam, 1895a).]

Heterogeomys hispidus concavus Nelson and Goldman, 1929b: “Pinal de Amoles, Queretaro, Mexico (altitude 5,500 feet).”

Microtus mexicanus ocotensis Álvarez, and Hernández-Chávez, 1993: “Pinal de Amoles, 2460 m Querétaro.”

Reithrodontomys amoles Howell, 1914: “Pinal de Amoles, Queretaro, Mexico.” [= *Reithrodontomys megalotis amoles* Howell, 1914.]

Sigmodon alticola amoles Bailey, 1902: “Pinal de Amoles, Queretaro, Mexico at 7,000 feet altitude.” [= *Sigmodon leucotis* Bailey, 1902.]

QUINTANA ROO**Isla Cozumel (Cozumel Island)**

Didelphis yucatanensis cozumelae Merriam, 1901b: “Cozumel Island, Yucatan.” [Quintana Roo; = *Didelphis virginiana cozumelae* Merriam, 1901.]

Mimon cozumelae Goldman, 1914: “Cozumel Island, off the east coast of Yucatan, Mexico.”

Oryzomys cozumelae Merriam, 1901b: “Cozumel Island, Yucatan, Mexico.” [Quintana Roo; = *Oryzomys couesi cozumelae* Merriam, 1901.]

Peromyscus cozumelae Merriam, 1901b: “Cozumel Island, Yucatan.” [Quintana Roo; = *Peromyscus leucopus cozumelae* Merriam, 1901.]

Reithrodontomys spectabilis J. K. Jones and Lawlor, 1965: “2½ km. N San Miguel, Isla Cozumel, Quintana Roo.”

Nasua nelsoni Merriam, 1901b: “Cozumel Island, Yucatan.” [Quintana Roo; = *Nasua narica nelsoni* Merriam, 1901.]

Nasua thersites Thomas, 1901b: “Cozumel Island, off the coast of Yucatan.” [Quintana Roo; = *Nasua narica nelsoni* Merriam, 1901b.]

Procyon pygmaeus Merriam, 1901b: “Cozumel Island, Yucatan.” [Quintana Roo.]

Tayassu nanus Merriam, 1901b: “Cozumel Island, Yucatan.” [Quintana Roo; = *Dicotyles crassus crassus* (Merriam, 1901e).]

La Vega

Conepatus tropicalis yucatanicus Goldman, 1943: “La Vega, on mainland coast opposite Isla Cancun, northeastern Quintana Roo, Mexico.” [= *Conepatus semistriatus yucatanicus* Goldman, 1943.]

Puerto Morelos

Ateles geoffroyi yucatanensis Kellogg and Goldman, 1944: “Puerto Morelos, northeast coast of Quintana Roo, Mexico; altitude, 100 feet.”

Sigmodon hispidus microdon Bailey, 1902: “Puerto Morelos, Yucatan.” [Quintana Roo; = *Sigmodon toltecus* (de Saussure, 1860).]

Xcopen

Rhynchiscus naso priscus G. M. Allen, 1914: “Xcopen, Quintana Roo, Mexico.” [= *Rhynchonycteris naso* (Wied-Neuwied, 1820).]

SAN LUIS POTOSÍ**Álvarez**

Thomomys umbrinus atrodorsalis Nelson and Goldman, 1934a: “Álvarez, San Luis Potosi, Mexico

(altitude 8,000 feet.)” [= *Thomomys umbrinus umbrinus* (Richardson, 1829).]

Angostura (Hacienda Angostura)

Heteromys alleni Coues, in J. A. Allen, 1881: “Hacienda Angostura, Rio Verde.” [= *Heteromys irroratus alleni* Coues, 1881.]

Apetsco

Peromyscus latirostris Dalquest, 1950: “Apetsco, near Xilitla, elevation 2700 feet, San Luis Potosí, México.”

Arriaga

Thomomys umbrinus arriagensis Dalquest, 1951b: “1 km south of Arriaga, San Luis Potosí, México.” [= *Thomomys umbrinus umbrinus* (Richardson, 1829).]

Perognathus lineatus Dalquest, 1951b: “1 km south of Arriaga, San Luis Potosí, México.” [= *Chaetodipus lineatus* (Dalquest, 1951).]

Cedral

Cratogeomys goldmani maculatus Álvarez and Álvarez-Castañeda, 1996: “1.5 km SE Cedral, 1600 m, San Luis Potosí, México.” [= *Cratogeomys goldmani subnubilus* Nelson and Goldman, 1934b.]

Ciudad del Maíz

Baiomys taylori fuliginatus Packard, 1960: “10 mi. E, 2 mi. N Ciudad del Maíz, 4000 ft., San Luis Potosí, Republic of México.”

Hacienda Angostura (see Angostura)

Hacienda La Parada [“Hacienda la Parada is located within 3 miles of the small station of Arenal on the railroad about 20 miles northwest of the city of San Luis Potosí” (Goldman 1951:244).]

Perognathus nelsoni Merriam, 1894e: “Hacienda La Parada, San Luis Potosi, Mexico.” [Located “about

25 miles northwest of the City of San Luis Potosi” by Miller and Rehn (1901:162); = *Chaetodipus nelsoni nelsoni* (Merriam, 1894).]

Dipodomys merriami atronasus Merriam, 1894a: “Hacienda La Parada, San Luis Potosi, Mexico.”

Peromyscus eremicus phaeurus Osgood, 1904: “Hacienda la Parada, San Luis Potosi, Mexico.”

La Tinaja [“La Tinaja was a railroad station at 6,000 feet on the plain about 20 miles east of the City of San Luis Potosí. This locality was at or near the present railroad station of Ventura, which is near the settlement of Puerta Tinaja” (Goldman 1951:246).]

Thomomys umbrinus potosinus Nelson and Goldman, 1934a: “La Tinaja, about 20 miles northeast of San Luis Potosi, Mexico (altitude 6,000 feet).” [= *Thomomys umbrinus umbrinus* (Richardson, 1829).]

Núñez

Citellus spilosoma cabrerai Dalquest, 1951a: “10 kilometers north-northeast of Núñez, San Luis Potosí, México.” [Núñez; = *Xerospermophilus spilosoma cabrerai* (Dalquest, 1951).]

Palma

Thomomys umbrinus newmani Dalquest, 1951b: “7 km northwest of Palma (village 12 km northwest of Salinas), San Luis Potosí, México.” [= *Thomomys umbrinus umbrinus* (Richardson, 1829).]

Platanito

Oryzomys alfaroi huastecae Dalquest, 1951b: “10 km east of Platanito, San Luis Potosí, México.” [= *Oryzomys chapmani* Thomas, 1898b.]

Presas de Guadalupe

Pipistrellus hesperus potosinus Dalquest, 1951a: “Presas de Guadalupe, San Luis Potosí, México.” [= *Parastrellus hesperus maximus* (Hatfield, 1936).]

Perognathus penicillatus atrodorsalis Dalquest, 1951b: “7 km west of Presa de Guadalupe, San Luis Potosí, México.” [= *Chaetodipus eremicus* (Mearns, 1898).]

Rancho San Francisco

Sciurus oculatus shawi Dalquest, 1950: “Rancho San Francisco, 38 kilometers east–southeast of the City of San Luis Potosí, San Luis Potosí, México.”

Río Verde

Cratogeomys castanops peridoneus Nelson and Goldman, 1934b: “Río Verde, San Luis Potosi, Mexico (altitude 3,000 feet).” [= *Cratogeomys goldmani subnubilus* Nelson and Goldman, 1934b.]

Oryzomys mexicanus peragrus Merriam, 1901f: “Río Verde, San Luis Potosi.” [= *Oryzomys couesi peragrus* Merriam, 1901.]

Neotoma micropus planiceps Goldman, 1905: “Río Verde, San Luis Potosi, Mexico (altitude, 3000 feet).”

San Luis Potosí

Corynorhinus phyllotis G. M. Allen, 1916: “Mexico, San Luis Potosi (probably near the city of the same name).” [= *Idionycteris phyllotis* (G. M. Allen, 1916).]

Lepus asellus Miller, 1899b: “city of San Luis Potosi, Mexico.” [= *Lepus californicus texianus* Waterhouse, 1848.]

Dipodops ordii palmeri J. A. Allen, 1891a: “San Luis Potosi, Mexico.” [= *Dipodomys ordii palmeri* (J. A. Allen, 1891).]

Neotoma leucodon Merriam, 1894b: “San Luis Potosi, Mexico.”

Soledad

Cratogeomys castanops rubellus Nelson and Goldman, 1934b: “Soledad, near San Luis Potosi, San Luis

Potosi, Mexico (altitude 6,400 feet).” [= *Cratogeomys goldmani goldmani* Merriam, 1895a.]

Xilitla

Neotoma ferruginea griseoventer Dalquest, 1951b: “Xilitla, San Luis Potosí, México.” [= *Neotoma mexicana griseoventer* Dalquest, 1951.]

SINALOA

Aguacaliente

Lepus alleni palitans Bangs, 1900: “Aguacaliente, (about 40 miles southeast of Mazatlan), Sinaloa, Mexico.” [= *Lepus alleni alleni* Mearns, 1890.]

Altata

Thomomys sinaloae Merriam, 1901d: “Altata, Sinaloa, Mexico.” [= *Thomomys bottae sinaloae* Merriam, 1901.]

Choix

Peromyscus eremicus sinaloensis S. Anderson, 1972: “26 mi. NE Choix, Sinaloa, at 1300 ft.”

Culiacán

Lepus arizonae goldmani Nelson, 1904a: “Culiacan, Sinaloa, Mexico.” [= *Sylvilagus audubonii goldmani* (Nelson, 1904).]

El Dorado

Thomomys umbrinus varus Hall and Long, 1960: “1 mi. S El Dorado, Sinaloa, México.” [= *Thomomys bottae varus* Hall and Long, 1960.]

Escuinapa

Molossus sinaloae J. A. Allen, 1906: “Escuinapa, Sinaloa.”

Heteromys pictus escuinapae J. A. Allen, 1906: “Escuinapa, Sinaloa.” [= *Heteromys pictus hispidus* J. A. Allen, 1897.]

Lynx ruffus escuinapae J. A. Allen, 1903: "Escuinapa, Sinaloa, Mexico." [= *Lynx ruffus escuinapae* J. A. Allen, 1903.]

Odocoileus sinaloae J. A. Allen, 1903: "Escuinapa, southern Sinaloa, Mexico." [= *Odocoileus virginianus sinaloae* J. A. Allen, 1903.]

Mazatlán

Sorex evotis Coues, 1877a: "Mazatlan, Mexico." [= *Notiosorex evotis* (Coues, 1877).]

Sciurus sinaloensis Nelson, 1899b: "Mazatlan, Sinaloa, Mexico." [= *Sciurus colliaei sinaloensis* Nelson, 1899.]

Leopardus hernandesii Gray, 1858: "Mazatlan," [Sinaloa; = *Panthera onca hernandesii* (Gray, 1858).]

Pericos

Baiomys taylori canutus Packard, 1960: "1 mi. S Pericos, Sinaloa, Republic of México."

Plomosas

Sturnira ludovici occidentalis J. K. Jones and Phillips, 1964: "Plumosas, 2500 feet elevation, Sinaloa." [Plomosas; = *Sturnira hondurensis occidentalis* J. K. Jones and Phillips, 1964.]

Presa Sanalona

Onychomys torridus knoxjonesi Hollander and Willig, 1992: "12 mi. NE Presa Sanalona, 600 ft., Sinaloa, México."

Rosario

Perognathus pernix J. A. Allen, 1898: "Rosario, State of Sinaloa, Mexico." [= *Chaetodipus pernix* (J. A. Allen, 1898).]

Reithrodontomys tenuis J. A. Allen, 1899: "Rosario, Sinaloa, Mexico." [= *Reithrodontomys fulvescens tenuis* J. A. Allen, 1899.]

Spilogale pygmaea Thomas, 1898c: "Rosario, Sinaloa, W. Mexico."

Sierra de Choix ["The Sierra de Coix is a range of mountains about 5,000 feet high, in extreme northeastern Sinaloa. On October 12 [1898] I left Las Guásimas, a ranch about 20 miles west of Batopilas, Chihuahua, and traveled about 23 miles in a westerly direction to Calabazas, a ranch on the Río del Fuerte. On October 13 I made about 26 miles down along the river to El Realito, a large ranch. . . . On October 14 I continued from El Realito 26 miles to the ranch of La Culebra, on the east slope of the Sierra de Choix. On October 15 I climbed on up for about 13 miles to the ranch of El Saucillo on the top, where I remained until October 21. Specimens were labeled 'Sierra de Choix, 50 miles northeast of Choix'. This was an estimate of distance, based at the time on local information. Maps indicate that the actual distance must be considerably less" (Goldman 1951:251).]

Thomomys umbrinus eximius Nelson and Goldman, 1934a: "Sierra de Choix, about 20 miles northeast of Choix, Sinaloa, Mexico (altitude 5,000 feet)." [= *Thomomys atrovarius parviceps* Nelson and Goldman, 1934a.]

Sigmodon hispidus major Bailey, 1902: "Sierra de Choix, 50 miles northeast of Choix, Sinaloa, Mexico." [= *Sigmodon arizonae* Mearns, 1890.]

Sinaloa

Perognathus goldmani Osgood, 1900: "Sinaloa, Sinaloa, Mexico." [= *Chaetodipus goldmani* (Osgood, 1900).]

Tatemales

Marmosa sinaloae J. A. Allen, 1898: "Tatemales, State of Sinaloa, Mexico." [= *Tlacuatzin sinaloae* (J. A. Allen, 1893).]

Thomomys atrovarius J. A. Allen, 1898: "Tatemales, State of Sinaloa, Mexico."

Neotoma sinaloae J. A. Allen, 1898: "Tatameles, State of Sinaloa." [Tatemales; = *Neotoma mexicana sinaloae* J. A. Allen, 1898.]

Felis yaguarondi tolteca Thomas, 1898a: “Tatemales, Sinaloa.” [= *Herpailurus yagouaroundi toltecus* (Thomas, 1898).]

SONORA

Álamos

Mormoops megalophylla rufescens W. B. Davis and Carter, 1962: “five miles west of Alamos, Sonora.”

Thomomys simulus Nelson and Goldman, 1934a: “Alamos, southern Sonora, Mexico (altitude 1,200 feet).” [= *Thomomys bottae simulus* Nelson and Goldman, 1934.]

Dipodomys merriami mayensis Goldman, 1928: “Alamos, Sonora, Mexico.”

Liomys sonorana Merriam, 1902a: “Alamos, Sonora, Mexico.” [= *Heteromys pictus hispidus* J. A. Allen, 1897.]

Peromyscus goldmani Osgood, 1904: “Alamos, Sonora.” [= *Peromyscus merriami goldmani* Osgood, 1904.]

Bahía Kino

Ammospermophilus harrisi kinoensis Huey, 1937: “Bahía Kino, Sonora, Mexico.” [= *Ammospermophilus harrisi saxicola* (Mearns, 1896a).]

Perognathus longimembris kinoensis Huey, 1935: “Bahía Kino, Sonora, Mexico (more precisely— from the northern end of the sand dune peninsula that borders the bay and forms the northern arm of the estuary).”

Bámori

Dipodomys spectabilis intermedius Nader, 1965: “16.7 mi. SW of Bámori, 1900± feet, Sonora, México.”

Camoa

Sciurus truei Nelson, 1899b: “Camoa, Rio Mayo, Sonora, Mexico.” [= *Sciurus collicaei truei* Nelson, 1899.]

Thomomys bottae camoae Burt, 1937: “Camoa, Sonora, Mexico.”

Perognathus pernix rostratus Osgood, 1900: “Camoa, Rio Mayo, Sonora, Mexico.” [= *Chaetodipus pernix rostratus* (Osgood, 1900).]

Teanopus phenax Merriam, 1903b: “Camoa, Rio Mayo, Sonora.” [= *Neotoma phenax* (Merriam, 1903).]

Onychomys torridus yakiensis Merriam, 1904a: “Camoa, Rio Mayo, southern Sonora, Mexico.”

Felis pardalis sonoriensis Goldman, 1925b: “Camoa, Rio Mayo, Sonora, Mexico.” [= *Leopardus pardalis sonoriensis* (Goldman, 1925).]

Conepatus sonoriensis Merriam, 1902c: “Camoa, Rio Mayo, Sonora, Mexico.” [= *Conepatus leuconotus leuconotus* (Lichtenstein, 1832).]

Taxidea taxus sonoriensis Goldman, 1939e: “Camoa, Rio Mayo (about 15 miles above Navajoa), Sonora, Mexico.” [= *Taxidea taxus berlandieri* S. F. Baird, 1857.]

Cerro La Cholla

Peromyscus crinitus scopulorum Benson, 1940: “Cerro La Cholla, 6 miles west–northwest of Punta Peñasca, Sonora, Mexico.” [= *Peromyscus crinitus disparilis* Goldman, 1932.]

Chinapa

Thomomys umbrinus sonoriensis Nelson and Goldman, 1934a: “10 miles east of Chinapa, Sonora River Valley, northern Sonora, Mexico (altitude 3,000 feet).” [= *Thomomys umbrinus intermedius* Mearns, 1897d.]

Cienega Well

Sigmodon hispidus eremicus Mearns, 1897c: “Cienega Well, 30 miles south of the monument No. 204, Mexican boundary line, on the left bank of the Colorado River, in Sonora.”

Costa Rica Ranch (see Rancho de Costa Rica)

Peromyscus pembertoni Burt, 1932: "San Pedro Nolasco Island (latitude 27° 58' N., longitude 111° 24' W.), Gulf of California, Sonora, Mexico."

El Rosario

Ovis sheldoni Merriam, 1916: "El Rosario, northern Sonora." [= *Ovis canadensis mexicana* Merriam, 1901a.]

Isla Tiburón (Tiburon Island)

Lepus alleni tiburonensis Townsend, 1912: "Tiburon Island."

Guaymas (see San José de Guaymas)

Spermophilus variegatus tiburonensis J. K. Jones and Manning, 1989: "3 mi. NE Ensenada del Perro, S end Isla Tiburón, Sonora." [= *Otospermophilus variegatus grammurus* (Say, 1822).]

Hermosillo

Spermophilus sonoriensis Ward, 1891a: "Hermosillo, Sonora." [= *Xerospermophilus tereticaudus neglectus* (Merriam, 1889b).]

Dipodomys mitchelli Mearns, 1897d: "Tiburon Island, Gulf of California, Mexico." [= *Dipodomys merriami mitchelli* Mearns, 1897.]

Thomomys bottae winthropi Nelson and Goldman, 1934a: "Hermosillo, Sonora, Mexico."

Perognathus baileyi insularis Townsend, 1912: "Tiburon Island." [= *Chaetodipus baileyi insularis* (Townsend, 1912).]

Huachinera

Thomomys bottae divergens Nelson and Goldman, 1934a: "four miles west of Huachinera, Bavispe River, northeastern Sonora, Mexico (altitude about 4,000 feet)."

Perognathus penicillatus goldmani Townsend, 1912: "Tiburon Island." [Preoccupied by *Perognathus goldmani* Osgood, 1900; replaced by *Perognathus penicillatus seri* Nelson, 1912b; = *Chaetodipus penicillatus seri* (Nelson, 1912).]

Isla Dátil (Turner's Island)

Perognathus penicillatus minimus Burt, 1932: "Turner's Island, (latitude 28° 43' N., longitude 112° 19' W.), Gulf of California, Sonora, Mexico." [= *Chaetodipus intermedius minimus* (Burt, 1932).]

Perognathus penicillatus seri Nelson, 1912b (see *Perognathus penicillatus goldmani* Townsend, 1912). [= *Chaetodipus penicillatus seri* (Nelson, 1912).]

Neotoma varia Burt, 1932: "Turner's Island (latitude, 28°43' N., longitude, 112° 19' W.), Gulf of California, Sonora, Mexico." [= *Neotoma albigula varia* Burt, 1932.]

Neotoma albigula seri Townsend, 1912: "Tiburon Island."

Peromyscus collatus Burt, 1932: "Turner's Island (latitude 28° 43' N., longitude 112° 19' W.), Gulf of California, Sonora, Mexico." [= *Peromyscus eremicus collatus* Burt, 1932.]

Peromyscus tiburonensis Mearns, 1897d: "Tiburon Island, Gulf of California, Mexico." [= *Peromyscus eremicus tiburonensis* Mearns, 1897.]

Canis jamesi Townsend, 1912: "Tiburon Island." [= *Canis latrans jamesi* Townsend, 1912.]

Isla San Pedro Nolasco (San Pedro Nolasco Island)

Odocoileus hemionus sheldoni Goldman, 1939f: "Tiburon Island, Sonora, Mexico."

Peromyscus boylii glasselli Burt, 1932: "San Pedro Nolasco Island (latitude 27° 58' N., longitude 111°24' W.), Gulf of California, Sonora, Mexico."

La Estancia

Thomomys bottae estanciae Benson and Tillotson, 1939: “La Estancia, 6 miles north of Nacori, Sonora, Mexico.”

La Libertad Ranch (see Rancho La Libertad)**Magdalena**

Thomomys bottae occipitalis Benson and Tillotson, 1939: “La Misión, 2 miles west of Magdalena, Sonora, Mexico.” [Preoccupied by *Thomomys bottae occipitalis* Dice, 1925; replaced by *Thomomys bottae basilicus* Benson and Tillotson, 1940.]

Thomomys bottae basilicus Benson and Tillotson, 1940 (see *Thomomys bottae occipitalis* Benson and Tillotson, 1939).

Perognathus baileyi Merriam, 1894e: “Magdalena, Sonora, Mexico.” [= *Chaetodipus baileyi* (Merriam, 1894).]

Minas Providencia (Providencia Mines)

Pipistrellus hesperus apus Elliot, 1904b: “Providencia Mines, State of Sonora, Mexico.” [= *Parastrellus hesperus hesperus* (H. Allen, 1864).]

Peromyscus metallicola Elliot, 1904a: “Providencia Mines, northwestern Sonora, Mexico.” [= *Peromyscus boylii rowleyi* (J. A. Allen, 1893c).]

Nogales

Ursus kennerlyi Merriam, 1914: “mountains near Los Nogales, Sonora.” [= *Ursus arctos horribilis* Ord, 1815.]

Oposura

Perognathus pricei J. A. Allen, 1894: “Oposura, Sonora.” [= *Chaetodipus penicillatus pricei* (J. A. Allen, 1894).]

Reithrodontomys mexicanus fulvescens J. A. Allen, 1894: “Oposura, Sonora.” [= *Reithrodontomys fulvescens* J. A. Allen, 1894.]

Ortiz

Neotoma intermedia melanura Merriam, 1894b: “Ortiz, Sonora, Mexico.” [= *Neotoma albigula melanura* Merriam, 1894.]

Papago Tanks

Perognathus intermedius pinacate Blossom, 1933: “Papago Tanks, Pinacate Mountains, Sonora, Mexico.” [= *Chaetodipus intermedius phasma* (Goldman, 1918a).]

Neotoma albigula sheldoni Goldman, 1915b: “Pinacate Mountains (Papago Tanks), Sonora.” [= *Neotoma albigula mearnsi* Goldman, 1915.]

Neotoma lepida bensoni Blossom, 1935: “Papago Tanks, Sierra del Pinacate, Sonora, Mexico.” [= *Neotoma devia* Goldman, 1927.]

Paso MacDougal

Peromyscus crinitus rupicolus Benson, 1940: “Paso MacDougal, east end of Sierra Hornaday, Sonora, Mexico” [= *Peromyscus crinitus disparilis* Goldman, 1932.]

Providencia Mines (see Minas Providencia)**Puerto Libertad**

Perognathus intermedius lithophilus Huey, 1937: “Puerto Libertad (or, exactly, the summit of a rocky hill 1½ miles NNW of the fresh water spring on the beach), Sonora, Mexico.” [= *Chaetodipus intermedius lithophilus* (Huey, 1937).]

Punta Peñascosa

Thomomys bottae vanrossemi Huey, 1934: “Punta Peñascosa, Sonora, Mexico.”

Neotoma lepida aureotunicata Huey, 1937: “Punta Peñascosa, Sonora, Mexico.” [= *Neotoma devia* Goldman, 1927.]

Rancho de Costa Rica (Costa Rica Ranch)

Eumops sonoriensis Benson, 1947b: “Rancho de Costa Rica, 270 feet elevation, Rio Sonora, Sonora.” [= *Eumops underwoodi sonoriensis* Benson, 1947.]

Thomomys bottae convergens Nelson and Goldman, 1934a: “Costa Rica Ranch, delta of Sonora River, southwest of Hermosillo, Sonora, Mexico.”

Perognathus flavus sonoriensis Nelson and Goldman, 1934c: “Costa Rica Ranch, lower Sonora River, Sonora, Mexico.”

Reithrodontomys burti Benson, 1939: “Rancho de Costa Rica, Rio Sonora, Sonora, Mexico.”

Antilocapra americana sonoriensis Goldman, 1945a: “Forty miles north of Costa Rica, a ranch on the northern side of the Rio de Sonora, southwest of Hermosillo, Sonora, Mexico.”

Río San Bernardino (San Bernardino River)

Dicotyles angulatus sonoriensis Mearns, 1897b: “San Bernardino River, Sonora, Mexico, near monument No. 77, Mexican boundary line.”

Río San Pedro (San Pedro River)

Castor canadensis frondator Mearns, 1897c: “San Pedro River, Sonora, Mexico, near monument No. 98 of the Mexican boundary line.”

Taxidea taxus apache Schantz, 1948: “San Pedro River, Arizona, and Sonora, Mexico–United States boundary line.” [= *Taxidea taxus berlandieri* S. F. Baird, 1857.]

San Bernardino River (see Río San Bernardino)**San Bernardo**

Balantiopteryx plicata pallida Burt, 1948: “San Bernardo, Río Mayo, Sonora, Mexico.”

San José de Guaymas (Guaymas)

Eutamias dorsalis sonoriensis Callahan and Davis, 1977: “24 km NE Guaymas, 100 m, Sonora, Mexico.” [= *Neotamias dorsalis sonoriensis* (Callahan and Davis, 1977).]

Oryzomys couesi lambi Burt, 1934: “San José de Guaymas, Sonora, Mexico.” [= *Oryzomys fulgens lambi* Burt, 1934.]

San Pedro River (see Río San Pedro)

San Pedro Nolasco Island (see Isla San Pedro Nolasco)

Santa Cruz

Hesperomys sonoriensis J. Le Conte, 1853: “In provincia Sonoraë.” [Identified as Santa Cruz, Sonora by S. F. Baird (1857:476); = *Peromyscus sonoriensis* (J. Le Conte, 1853); see Greenbaum et al. 2019]

Sierra del Pinacate (Pinacate Mountains)

Peromyscus crinitus delgadilli Benson, 1940: “2 miles south of Crater Elegante, Sierra del Pinacate, 34 miles west of Sonoita, Sonora, Mexico.”

Peromyscus eremicus papagensis Goldman, 1917: “Pinacate Mountains, Sonora, Mexico.”

Sierra de Nácori

Sciurus apache J. A. Allen, 1893a: “Northern Chihuahua.” [“western slope of the Sierra de Nacori, in Eastern Sonora, at altitude of 6,300 feet” (van Rossem 1936:417); = *Sciurus nayaritensis apache* J. A. Allen, 1893.]

Sierra Seri

Dorcelaphus hemionus eremicus Mearns, 1897b: “Sierra Seri, near the Gulf of California, in the most arid portion of Sonora, Mexico.” [= *Odocoileus hemionus eremicus* (Mearns, 1897).]

Sonoyta

Peromyscus merriami Mearns, 1896b: “village of Sonoyta, on the Sonoyta River, Sonora, Mexico.”

Sonoyta River (see Río Sonoyta)

Rancho La Libertad (La Libertad Ranch)

Dipodomys deserti sonoriensis Goldman, 1923: “La Libertad Ranch, 30 miles east of Sierra Seri, Sonora, Mexico.”

Río Sonoyta

Procyon lotor ochraceus Mearns, 1914: “on the Sonoyta river near Quitobaquita, at Monument No. 172, 678 kilometers (421 miles) west of the Rio Grande and 181 kilometers (113 miles) east of the Colorado river, altitude 360 meters (1181 feet), Sonora, Mexico.” [= *Procyon lotor pallidus* Merriam, 1900a.]

Río Yaqui

Myotis fortidens sonoriensis Findley and Jones, 1967: “east bank of the Río Yaquí, approximately 1 mile S El Novillo, Sonora.” [Río Yaqui.]

Tiburón Island (see Isla Tiburón)

Turner’s Island (see Isla Dátil)

TABASCO

Estado de Tabasco (no specific locality)

Myrmecophaga tamandua mexicana de Saussure, 1860: “les forêts de la côte du Mexique, dans le district de Tabasco, au S. E. de la province de Mexico.” [= *Tamandua mexicana mexicana* (de Saussure, 1860).]

Montecristo

Pipistrellus cinnamomeus Miller, 1902: “Montecristo, Tabasco, Mexico.” [Montecristo; = *Myotis fortidens fortidens* Miller and Allen, 1928.]

Heteromys longicaudatus Gray, 1868: “Mexico.” [Type locality fixed as “Montecristo, Tabasco” by Hall and Kelson (1959:544) based on a specimen from Montecristo examined by Goldman (1911:24); = *Heteromys desmarestianus desmarestianus* Gray, 1868.]

Teapa

Didelphis marsupialis tabascensis J. A. Allen, 1901a: “Teapa, Tabasco, Mexico.” [= *Didelphis marsupialis cauae* J. A. Allen, 1900.]

Saccopteryx bilineata centralis Thomas, 1904: “Teapa, Tabasco, S.E. Mexico.” [= *Saccopteryx bilineata* (Temminck, 1838).]

Artibeus turpis Andersen, 1906: “Teapa, Tabasco, S. Mexico.” [= *Dermanura phaeotis phaeotis* Miller, 1902.]

Myotis lucifugus fortidens Miller and Allen, 1928: “Teapa Tabasco, Mexico.” [= *Myotis fortidens* Miller and Allen, 1928.]

Heterogeomys hispidus teapensis Goldman, 1939d: “Teapa, Tabasco, Mexico.”

Peromyscus mexicanus teapensis Osgood, 1904: “Teapa, Tabasco, Mexico.”

Oryzomys palatinus Merriam, 1901f: “Teapa, Tabasco.” [= *Oryzomys alfaroi palatinus* Merriam, 1901.]

Oryzomys rostratus megadon Merriam, 1901f: “Teapa, Tabasco, Mexico.”

Oryzomys teapensis Merriam, 1901f: “Teapa, Tabasco, Mexico.” [= *Oryzomys couesi couesi* (Alston, 1877).]

Sigmodon hispidus saturatus Bailey, 1902: “Teapa, Tabasco.” [= *Sigmodon toltecus* (de Saussure, 1860).]

Putorius tropicalis perdis Merriam, 1902b: “Teapa, Tabasco, Mexico.” [= *Mustela frenata perdis* (Merriam, 1902).]

TAMAULIPAS

Estado de Tamaulipas (no specific locality)

Felis brevicaudata Berlandier, 1857: Tamaulipas. [Nomen oblitum; = *Lynx rufus texensis* J. A. Allen, 1895.]

Acuña

Antrozous pallidus obscurus R. H. Baker, 1967: "Acuña, 800 m., Tamaulipas." [= *Antrozous pallidus pallidus* (J. Le Conte, 1855).]

Altamira (Alta Mira)

Lepus merriami altamirae Nelson, 1904a: "Alta Mira, Tamaulipas, Mexico." [= *Lepus altamirae* Nelson, 1904.]

Sciurus aureogaster F. Cuvier, 1829: "Californie." [Restricted to Altamira, Tamaulipas by Nelson (1899b:38); type locality fixed as Altamira by Musser (1970:8) by designation of the lectotype.]

Sciurus negligens Nelson, 1898a: "Alta Mira, Tamaulipas, Mexico." [= *Sciurus deppoi negligens* Nelson, 1898.]

Geomys personatus tropicalis Goldman, 1915b: "Alta Mira, Tamaulipas, Mexico." [= *Geomys tropicalis* Goldman, 1915.]

Neotoma micropus littoralis Goldman, 1905: "Alta Mira, Tamaulipas, Mexico (altitude, 100 feet)." [= *Neotoma micropus micropus* S. F. Baird, 1855.]

Antiguo Morelos

Tadarida laticaudata ferruginea Goodwin, 1954b: "a cave 8 miles north of Antiguo Morelos, a village on the Atlantic slope of the Sierra Madre Oriental in southwestern Tamaulipas, Mexico." [= *Nyctinomops laticaudatus ferruginea* (Goodwin, 1954).]

Brownsville, Texas, E.U.A., 45 miles from

Scalopus inflatus Jackson, 1914: "State of Tamaulipas, Mexico (45 miles from Brownsville, Texas)." [= *Scalopus aquaticus inflatus* Jackson, 1914.]

Charco Escondido

Perognathus hispidus S. F. Baird, 1857: "Charco Escondido, Mexico (24 leagues W. of Matamoros)." [See Merriam (1889a:24); = *Chaetodipus hispidus* (S. F. Baird, 1857).]

Neotoma micropus S. F. Baird, 1855: "Charco Escondido and Santa Rosalio." [Restricted to Charco Escondido, Tamaulipas by selection of a lectotype by Merriam (1894c:244, footnote), although the precise locality as defined by Merriam (1894c:244) as "100 kilometers or 62 miles west of Matamoros (*sic*), and 44 kilometers or 27 miles south of Reynosa" clearly is an error.]

Ciudad Mier (Mier)

Canis microdon Merriam, 1897a: "Mier, on Rio Grande River, State of Tamaulipas, Mexico." [= *Canis latrans microdon* Merriam, 1897.]

El Carrizo

Neotoma angustapalata R. H. Baker, 1951b: "70 km. [by highway] S Ciudad Victoria and 6 km. W of the [Pan-American] highway [at El Carrizo], Tamaulipas, Mexico."

Peromyscus ochraventer R. H. Baker, 1951b: "70 km. [by highway] S Ciudad Victoria and 6 km. W of the [Pan American] highway [at El Carrizo], Tamaulipas, Mexico."

Gómez Farías

Heterogeomys hispidus negatus Goodwin, 1953: "Gómez Farías, 1300 feet elevation, a Mexican village about 45 miles south of Ciudad Victoria and 10 miles west of the Pan American Highway, on the west side of a foothill of the Sierra Madre Occidental, Tamaulipas, Mexico." [Gómez Farías.]

Hacienda Santa Engracia

Oryzomys fulvescens engraciae Osgood, 1945: “Hacienda Santa Engracia, northwest of Ciudad Victoria, Tamaulipas, Mexico, altitude 240 meters.” [= *Oligoryzomys fulvescens engraciae* (Osgood, 1945).]

Jaumave

Notiosorex villai Carraway and Timm, 2000: “Jaumave, Tamaulipas, Mexico, 2400 ft.”

Dipodomys ordii fuscus Setzer, 1949: “Juamave, Tamaulipas, Mexico.” [Preoccupied by *Dipodomys agilis fuscus* Boulware, 1943; replaced by *Dipodomys ordii durranti* Setzer, 1952.]

Dipodomys ordii durranti: Setzer, 1952 (see *Dipodomys ordii fuscus* Setzer, 1949).

La Pesca

Spermophilus spilosoma oricolus Álvarez, 1962a: “one mile east of La Pesca, Tamaulipas, México.” [= *Xerospermophilus spilosoma oricolus* (Álvarez, 1962).]

Matamoros

Blarina berlandieri S. F. Baird, 1857: “Matamoros, Mexico.” [Matamoros; = *Cryptotis parvus berlandieri* (S. F. Baird, 1857).]

Lasiurus intermedius H. Allen, 1862: “Matamoros, Tamaulipas.” [Matamoros.]

Lepus californicus curti Hall, 1951a: “island, 88 miles south and 10 miles west of Matamoros, Tamaulipas, Mexico.” [= *Lepus californicus melanotis* Mearns, 1890.]

Cratogeomys castanops tamaulipensis Nelson and Goldman, 1934b: “Matamoros, Tamaulipas, Mexico.” [= *Cratogeomys castanops castanops* (S. F. Baird, 1852).]

Dipodomys ordii parvabullatus Hall, 1951a: “island, 88 miles south and 10 miles west of Matamoros,

Tamaulipas, Mexico.” [= *Dipodomys compactus compactus* True, 1889.]

Sigmodon hispidus solus Hall, 1951a: “island, 88 miles south and 10 miles west of Matamoros, Tamaulipas, Mexico.”

Felis apache Mearns, 1901b: “Matamoros in the State of Tamaulipas, Mexico.” [= *Herpailurus yagouaroundi cacomitli* (Berlandier, 1859).]

Felis cacomitli Berlandier, in S. F. Baird, 1859: “Victoria, ... Rio Grande near Matamoros.” [Restricted to “Matamoros, State of Tamaulipas, Mexico” by Elliot (1905a:368); = *Herpailurus yagouaroundi cacomitli* (Berlandier, 1859).]

Mier (see Ciudad Mier)

Miquihuana

Idionycteris mexicanus H. E. Anthony, 1923: “Miquihuana, Province of Tamaulipas, Mexico.” [Miquihuana; = *Idionycteris phyllotis phyllotis* (G. M. Allen, 1916).]

Cratogeomys castanops planifrons Nelson and Goldman, 1934b: “Miquihuana, southern Nuevo Leon, Mexico (altitude 5,000 feet).” [Error for the state of Tamaulipas; = *Cratogeomys goldmani subnubilus* Nelson and Goldman, 1934b.]

Neotoma albigula subsolana Álvarez, 1962b: “Miquihuana, 6400 ft. [1951 m], Tamaulipas.” [= *Neotoma leucodon subsolana* Álvarez, 1962.]

Onychomys torridus sarrufus Hollister, 1914b: “Miquihuana, Tamaulipas, Mexico.” [= *Onychomys arenicola sarrufus* Hollister, 1914.]

Odocoileus virginianus miquihuanensis Goldman and Kellogg, 1940: “Sierra Madre Oriental, near Miquihuana, southwestern Tamaulipas, Mexico (altitude 6,500 feet).”

Piedra

Myotis evotis auriculus R. H. Baker and Stains, 1955: “10 mi. W and 2 mi. S Piedra, 1200 ft., Sierra de

Tamaulipas, Tamaulipas.” [= *Myotis auriculus auriculus* R. H. Baker and Stains, 1955.]

Rancho del Cielo

Cryptotis mexicana madrea Goodwin, 1954b: “Rancho del Cielo, 3500 feet elevation, 5 miles northwest of Gómez Farías, Sierra Madre Oriental, Tamaulipas, Mexico.” [= *Cryptotis obscurus* (Merriam, 1895b).]

Reithrodontomys megalotis hooperi Goodwin, 1954a: “Rancho del Cielo, 3500 feet elevation, in the eastern foothills of the Sierra Madre Oriental, 5 miles northwest of Gómez Farías, Tamaulipas, Mexico.”

Rancho Santa Ana

Oryzomys rostratus carrorum Lawrence, 1947: “Rancho Santa Ana, Rio Soto la Marina, Tamaulipas, Mexico.” [“... about eight miles southwest of Padilla” (Lawrence 1947:101).]

San José

Peromyscus pectoralis collinus Hooper, 1952d: “México, Tamaulipas, Sierra San Carlos, 12 miles northwest of San Carlos, San José, 2000 feet elevation.”

TLAXCALA

Mt. Malinche (see Volcán la Malinche)

Tlaxcala

Glossophaga soricina alticola W. B. Davis, 1944: “13 kilometers northeast of Tlaxcala, 7,800 feet, Tlaxcala.” [= *Glossophaga leachii* (Gray, 1844).]

Volcán la Malinche (Mt. Malinche)

Peromyscus levipes Merriam, 1898d: “Mt. Malinche, Tlaxcala, Mexico (alt. 8400 ft.)”

VERACRUZ

Estado de Veracruz (no specific locality)

Glossonycteris lasiopyga Peters, 1868: “Mexico.” [Restricted to the state of Veracruz by Arroyo–Cabrerales and Gardner (2003:740); = *Anoura geoffroyi lasiopyga* (Peters, 1868).]

Tylostoma mexicanum de Saussure, 1860: “Habite les régions chaudes du Mexique.” [Here restricted to the state of Veracruz; see discussion above on the identity of *Tylostoma mexicanum* in the section on taxonomic, nomenclatural, and bibliographic problems; = *Trachops cirrhosus mexicanus* (de Saussure, 1860).]

Glaucomys volans herreranus Goldman, 1936: “mountains of Vera Cruz, Mexico.” [= *Glaucomys volans goldmani* (Nelson, 1904b).]

Dasyprocta mexicana de Saussure, 1860: “habite la zone chaude du Mexique.” [“... probably in the State of Veracruz” (Miller 1924:444).]

Hystrix mexicana Kerr, 1792: “the mountains of Mexico.” [“Probably in Veracruz” (Dalquest 1950:12); = *Coendou mexicanus* (Kerr, 1792).]

Felis pardalis Linnaeus, 1758: “America.” [Restricted to México by Thomas (1911:136); restricted to Veracruz by J. A. Allen (1919:345); = *Leopardus pardalis* (Linnaeus, 1758).]

Achotal

Dermanura jucundum Elliot, 1906: “Achotal, State of Vera Cruz, Mexico.” [= *Dermanura watsoni* (Thomas, 1901a).]

Putorius macrophonus Elliot, 1905b: “Achotal, Vera Cruz, Mexico.” [= *Mustela frenata macrophonus* (Elliot, 1905).]

Viverra narica Linnaeus, 1766: “America.” [Restricted to “Achotal, Isthmus of Tehuantepec, Vera Cruz”

by Hershkovitz (1951:560); = *Nasua narica* (Linnaeus, 1766).]

Alvarado

Felis mexicana de Saussure, 1860: “près d’Alvarado.” [Preoccupied by *Felis mexicana* Kerr, 1792 (= *Felis pardalis* Linnaeus, 1758) and *Felis mexicana* Desmarest, 1821 (= *Felis yagouaroundi* È. Geoffroy Saint-Hilaire, 1803); = *Leopardus wiedii oaxacensis* (Nelson and Goldman, 1931c).]

Atoyac

Potos flavus aztecus Thomas, 1902b: “Atoyac, Vera Cruz.” [= *Potos flavus prehensilis* (Kerr, 1792).]

Viverra prehensilis Kerr, 1792: “Mexico and New Spain.” [Restricted to “Atoyac, Veracruz” by Hershkovitz (1959:350); = *Potos flavus prehensilis* (Kerr, 1792).]

Boca del Monte

Geomys umbrinus Richardson, 1829: “Cadadaguios, a town in the south-western part of Louisiana.” [Reidentified as “southern Mexico,” comparing favorably with specimens from Boca del Monte, Veracruz (Bailey, 1906:3–6); = *Thomomys umbrinus* (Richardson, 1829).]

Boca del Río

Reithrodontomys fulvescens tropicalis W. B. Davis, 1944: “Boca del Río, (8 km south of Vera Cruz), elevation 10 feet, Veracruz.”

Carrizal

Liomys obscurus Merriam, 1902a: “Carrizal, Vera Cruz, Mexico.” [= *Heteromys pictus pictus* Thomas, 1893b.].

Catemaco

Liomys orbitalis Merriam, 1902a: “Catemaco, Vera Cruz, Mexico.” [= *Heteromys pictus pictus* Thomas, 1893b.].

Oryzomys jalapae rufinus Merriam, 1901f: “Catemaco, Vera Cruz, Mexico.” [= *Oryzomys couesi couesi* (Alston, 1877).]

Agouti paca nelsoni Goldman, 1913: “Catemaco, southern Vera Cruz, Mexico.” [= *Cuniculus paca nelsoni* (Goldman, 1913).]

Chichicaxtle

Lepus floridanus connectens Nelson, 1904a: “Chichicaxtle, Vera Cruz.” [= *Sylvilagus floridanus russatus* (J. A. Allen, 1904).]

Heterogeomys torridus Merriam, 1895a: “Chichicaxtle, Vera Cruz.” [= *Heterogeomys hispidus torridus* Merriam, 1895.].

Chijol

Odocoileus virginianus veraecrucis Goldman and Kellogg, 1940: “Chijol, northern Vera Cruz, Mexico (altitude 200 feet).”

Coatzacoalcos

Vampyrus spectrum nelsoni Goldman, 1917: “Coatzacoalcos, Vera Cruz, Mexico.” [= *Vampyrus spectrum* (Linnaeus, 1758).]

Myotis argentatus Dalquest and Hall, 1947: “14 kilometers southwest of Coatzacoalcos, 100 feet elevation, Veracruz, Mexico.” [Coatzacoalcos; = *Myotis albescens* (È. Geoffroy Saint-Hilaire, 1806).]

Oryzomys goldmani Merriam, 1901f: “Coatzacoalcos, Vera Cruz, Mexico.” [= *Oryzomys couesi couesi* (Alston, 1877).]

Cofre de Perote

Molossus mexicanus de Saussure, 1860: “Cofre de Perote, à 13,000 pieds d’altitude; d’autres individus ont été pris à Ameca, au pied du Popocatepetl, à une altitude de 8,500 pieds.” [Restricted to “Cofre de Perote, State of Vera Cruz, Mexico” by Elliot (1904c:629); = *Tadarida brasiliensis mexicana* (de Saussure, 1860).]

- Myotis longicrus amotus* Miller, 1914: "Cofre de Perote, Vera Cruz, Mexico (altitude 12,500 feet)." [= *Myotis volans amotus* Miller, 1914.]
- Cratogeomys perotensis* Merriam, 1895a: "Cofre de Perote, Vera Cruz (altitude 9,500 feet)."
- Neotomodon perotensis* Merriam, 1898e: "Cofre de Perote, Vera Cruz, Mexico (alt. 9500 ft.)." [= *Neotomodon alstoni* Merriam, 1898e.]
- Reithrodontomys perotensis* Merriam, 1901g: "Cofra de Perote, Vera Cruz, Mexico (altitude 9,500 ft.)." [Cofre de Perote; = *Reithrodontomys chrysopsis perotensis* Merriam, 1901.]
- Mustela frenata perotae* Hall, 1936: "12500 feet, Cofre de Perote, Vera Cruz, Mexico."
- El Mirador** (Hacienda El Mirador; Mirador)
- Centurio mcmurtrii* H. Allen, 1861: "Mirador, Mexico." [= *Centurio senex senex* Gray, 1842.]
- Stenoderma tolteca* de Saussure, 1860: "Mexique." [Restricted to "Mirador, Veracruz" by Hershkovitz (1949:449) and type locality fixed as Mirador by W. B. Davis (1969:26) by designation of a neotype; = *Dermanura tolteca tolteca* (de Saussure, 1960).]
- Rhogeessa tumida* H. Allen, 1866: "Mirador, Mexico."
- Scotophilus miradorensis* H. Allen, 1866: "Mirador, Mexico." [= *Eptesicus fuscus miradorensis* (H. Allen, 1866).]
- Vespertilio agilis* H. Allen, 1866: "Mirador." [= *Myotis californicus mexicanus* (de Saussure, 1860).]
- Ateles vellerosus* Gray, 1866c: "Brazil?" [Restricted to "Mirador, about 15 miles northeast of Huatusco, Veracruz, Mexico; altitude 2,000 feet" by Kellogg and Goldman (1944:33). [= *Ateles geoffroyi vellerosus* Gray, 1866.]
- Ateles neglectus* Reinhardt, 1873: "Omegnen af Hacienda en Mirador, som ligger i Provindsen Vera Cruz." [= *Ateles geoffroyi vellerosus* Gray, 1866.]
- Lepus truei* J. A. Allen, 1890c: "Mirador, Mexico." [= *Sylvilagus gabbi truei* (J. A. Allen, 1890).]
- Cercolabes liebmani* Reinhardt, 1844: "Mirador." [= *Coendou mexicanus mexicanus* (Kerr, 1792).]
- Hesperomys aztecus* de Saussure, 1860: "Mexique." ["... probably the vicinity of Mirador, Veracruz" (Osgood, 1909:156); = *Peromyscus aztecus* (de Saussure, 1860).]
- Hesperomys mexicanus* de Saussure, 1860: "le Mexique." [Restricted to "vicinity of Mirador, Veracruz" by Osgood (1909:199); subsequently restricted to "ten kilometers east of Mirador" by Dalquest (1950:8); = *Peromyscus mexicanus* (de Saussure, 1860).]
- Hesperomys toltecus* de Saussure, 1860: "la Cordillère de la province de Vera-Cruz." ["Probably near Mirador, Veracruz, México" (Dalquest, 1953:163); = *Sigmodon toltecus* (de Saussure, 1860).]
- Reithrodon mexicanus* de Saussure, 1860: "les montagnes de la province de Vera-Cruz." [Restricted to Mirador, Veracruz by Hooper (1952a:140); = *Reithrodontomys mexicanus* (de Saussure, 1860).]
- Reithrodon sumichrasti* de Saussure, 1861: "Mexicana tellus." [Restricted to Mirador, Veracruz by Hooper (1952a:72); = *Reithrodontomys sumichrasti* (de Saussure, 1861).]
- Bassariscus sumichrasti* de Saussure, 1860: "les greniers dans la région chaude du Mexique." [Corrected to "forêts des régions chaudes" by de Saussure (1861:3, footnote); identified as "Mirador, cerca de Huatusco (Veracruz)" by Sumichrast (1881:210); = *Bassariscus sumichrasti* (de Saussure, 1860).]
- Nasua solitaria mexicana* Weinland, 1860: "Veracruz in Mexiko ... Nähe der Hacienda Del Mirador." [= *Nasua narica narica* (Linnaeus, 1766).]
- Cervus temama* Kerr, 1792: based on the *Tema-maçame* of Hernández (1651). [Restricted to "Mirador, Vera Cruz" by Hershkovitz (1951:567); = *Mazama temama* (Kerr, 1792).]

Cervus sartorii de Saussure, 1860: “Mirador, près Huatasco (province de Vera-Cruz).” [= *Mazama temama temama* (Kerr, 1792).]

Hacienda El Mirador (see El Mirador)

Hacienda Tamiahua

Heterogeomys hispidus latirostris Hall and Álvarez, 1961b: “Hacienda Tamiahua, Cabo Rojo, Veracruz.”

Jalapa (see Xalapa)

Jáltipan

Heterogeomys hispidus isthmicus Nelson and Goldman, 1929b: “Jaltipan, Vera Cruz, Mexico (altitude 100 feet).”

Jico (see Xico)

Lago Catemaco

Baeodon meyeri Pine, 1966: “Río Quezalapam, 2 mi. E Lago Catemaco, ca. 610 m., Los Tuxtlas.” [= *Bauerus dubiaquercus* (Van Gelder, 1959).]

Las Vigas

Centurio minor Ward, 1891b: “Cerro de los Pajaros, Las Vigas, Vz.” [= *Centurio senex senex* Gray, 1842.]

Vesperugo veraecrucis Ward, 1891b: “Las Vegas, Vz.” [= *Perimyotis subflavus veraecrucis* (Ward, 1891).]

Lepus veraecrucis Thomas, 1890: “Las Vigas, Jalapa.” [= *Sylvilagus cunicularius cunicularius* (Waterhouse, 1848).]

Sciurus aureogaster frumentor Nelson, 1898a: “Las Vigas, Vera Cruz, Mexico.” [= *Sciurus aureogaster nigrescens* Bennett, 1833.]

Sciurus niger melanonotus Thomas, 1890: “Las Vigas, Jalapa.” [= *Sciurus oculus oculus* Peters, 1864a.]

Sciurus oculus Peters, 1864a: “Mexico.” [“... probably near Las Vigas, Veracruz” (Nelson 1899b:88).]

Cratogeomys estor Merriam, 1895a: “Las Vigas, Vera Cruz (altitude 8,000 feet).” [= *Cratogeomys perotensis* Merriam, 1895a.]

Peromyscus melanotis J. A. Allen and Chapman, 1897b: “Las Vigas, State of Vera Cruz.”

Reithrodontomys saturatus J. A. Allen and Chapman, 1897b: “Las Vigas, State of Vera Cruz.” [= *Reithrodontomys megalotis saturatus* J. A. Allen and Chapman, 1897.]

Minatitlán

Alouatta palliata mexicana Merriam, 1902b: “Minatitlan, Vera Cruz, Mexico.”

Sciurus hypopyrrhus Wagler, 1831: “Mexico.” [Restricted to “Minatitlan, Vera Cruz” by Nelson (1899b:36, 42); = *Sciurus aureogaster aureogaster* F. Cuvier, 1829.]

Mirador (see El Mirador)

Motzorongo

Heteromys temporalis Goldman, 1911: “Motzorongo, Vera Cruz, Mexico.”

Viverra coneptal Gmelin, 1788: “nova Hispania.” [Restricted to Motzorongo, Veracruz by Hershkovitz (1951:562); = *Conepatus semistriatus coneptal* (Gmelin, 1788).]

Conepatus tropicalis Merriam, 1902c: “Motzorongo, Vera Cruz, Mexico.” [= *Conepatus semistriatus coneptal* (Gmelin, 1788).]

Mount Orizaba (see Pico de Orizaba)

Orizaba

Metachirus fuscogriseus pallidus J. A. Allen, 1901b: “Orizaba, Vera Cruz, Mexico.” [Preoccupied by

Philander laniger pallidus Thomas, 1899; herein replaced by *Philander vossi* Gardner and Ramírez–Pulido, see discussion above on a replacement name for *Metachirus fuscogriseus pallidus* in the section on taxonomic, nomenclatural, and bibliographic problems.]

Philander vossi Gardner and Ramírez–Pulido (see *Metachirus fuscogriseus pallidus* J. A. Allen, 1901).

Sorex macrodon Merriam, 1895c: “Orizaba, Vera Cruz, (altitude, 4,200 feet).”

Hesperomys fulvescens de Saussure, 1860: “le Mexique.” [Type locality fixed as Orizaba, Veracruz by Merriam (1901f:295); = *Oligoryzomys fulvescens* (de Saussure, 1860).]

Peromyscus mexicanus orizabae Merriam 1898d: “Orizaba, Vera Cruz, Mexico (alt. 4200 ft.)” [= *Peromyscus mexicanus totontepecus* Merriam, 1898d.]

Peromyscus texanus mesomelas Osgood, 1904: “Orizaba, Vera Cruz, Mexico.” [= *Peromyscus leucopus mesomelas* Osgood, 1904.]

Reithrodontomys difficilis Merriam, 1901g: “Orizaba, Vera Cruz, Mexico (altitude about 4,500 ft.)” [= *Reithrodontomys fulvescens difficilis* Merriam, 1901.]

Urocyon cinereoargenteus orinomus Goldman, 1938c: “Orizaba, Vera Cruz, Mexico (altitude 4,000 feet).”

Cervus toltecus de Saussure, 1860: “des environs d’Orizaba.” [= *Odocoileus virginianus toltecus* (de Saussure, 1860).]

Papantla

Sciurus deppei Peters, 1864a: “Mexico, Papantla.”

Paso Nuevo (Pasa Nueva, Passa Nueva)

Tamandua tetradactyla tenuirostris J. A. Allen, 1904d: “Passa Nueva, State of Vera Cruz, Mexico.” [Passa Nueva; = *Tamandua mexicana mexicana* (de Saussure, 1860).]

Lepus russatus J. A. Allen, 1904a: “Pasa Nueva, Vera Cruz, Mexico.” [= *Sylvilagus floridanus russatus* (J. A. Allen, 1904).]

Peñuela

Lasiurus borealis ornatus Hall, 1951b: “Peñuela, Veracruz.” [Peñuela; = *Lasiurus frantzii teliotis* (H. Allen, 1891).]

Pérez

Carollia azteca de Saussure, 1860: “les régions chaudes et tempérées du Mexique.” [Restricted to “Perez, Veracruz” by Dalquest (1950:29); = *Carollia perspicillata* (Linnaeus, 1758).]

Perote

Spermophilus perotensis Merriam, 1893c: “Perote, Vera Cruz, Mexico.” [= *Xerospermophilus spilosoma perotensis* (Merriam, 1893).]

Cratogeomys fulvescens subluteus Nelson and Goldman, 1934b: “Perote, Vera Cruz, Mexico (altitude 7,800 feet).” [= *Cratogeomys fulvescens* Merriam, 1895a.]

Dipodomys perotensis Merriam, 1894a: “Perote, Vera Cruz, Mexico.” [= *Dipodomys phillipsii perotensis* Merriam, 1894.]

Neotoma nelsoni Goldman, 1905: “Perote, Vera Cruz, Mexico (altitude, 7800 feet).”

Peromyscus bullatus Osgood, 1904: “Perote, Vera Cruz, Mexico.”

Pico de Orizaba (Mount Orizaba, Santa Barbara Camp, Xometla Camp)

Ischnoglossa nivalis de Saussure, 1860: “la limite des neiges du pic d’Orizaba, au bord d’une forêt de pins.” [Veracruz; = *Leptoncyteris nivalis* (de Saussure, 1860).]

Cratogeomys perotensis peraltus Goldman, 1937b: “near timber line on Mount Orizaba, Vera Cruz,

Mexico (altitude about 12,500 feet.) [= *Cratogeomys perotensis* Merriam, 1895a]

Peromyscus beatae Thomas, 1903a: “Xometla camp, Mt. Orizaba, 8500 feet.” [Veracruz.]

Peromyscus ceciliae Thomas, 1903a: “Santa Barbara camp, southern slope of Mt. Orizaba, at 12,500 feet.” [Veracruz; = *Peromyscus melanotis* J. A. Allen and Chapman, 1897.]

Piedras Negras

Mephitis macroura eximius Hall and Dalquest, 1950: “15 kilometers west of Piedras Negras, 300 feet elevation, Veracruz, Mexico.”

Presidio

Tylomys gymnurus Villa R., 1941: “Presidio, Estado de Veracruz.” [= *Tylomys nudicaudus gymnurus* Villa R., 1941.]

Río Alvarado

Mephitis leuconota Lichtenstein, 1832: “Lauf des Rio Alvarado.”

San Andrés Tuxtla (San Andreas Tuxtla)

Natalus mexicanus saturatus Dalquest and Hall, 1949: “3 kilometers east of San Andreas Tuxtla, 1000 feet elevation, Veracruz, Mexico.” [San Andrés Tuxtla; = *Natalus mexicanus* Miller, 1902.]

Myotis nigricans dalquesti Hall and Álvarez, 1961c: “3 km. E of San Andrés Tuxtla, 1000 ft., Veracruz.” [= *Myotis nigricans nigricans* (Schinz, 1821).]

Liomys veraecrucis Merriam, 1902a: “San Andreas Tuxtla, Vera Cruz, Mexico.” [San Andrés Tuxtla; = *Heteromys pictus pictus* Thomas, 1893b.]

Felis onca veraecrucis Nelson and Goldman, 1933b: “San Andres Tuxtla, Vera Cruz, Mexico.” [= *Panthera onca veraecrucis* (Nelson and Goldman, 1933).]

San Carlos

Heteromys paralius Elliot, 1903d: “San Carlos, State of Vera Cruz, Mexico.” [= *Heteromys pictus pictus* Thomas, 1893b.]

Oryzomys jalapae apatelius Elliot, 1904b: “San Carlos, State of Vera Cruz, Mexico.” [= *Oryzomys couesi couesi* (Alston, 1877).]

San Juan de la Punta

Philander laniger aztecus Thomas, 1913: “San Juan de la Punta, Vera Cruz, Mexico.” [= *Caluromys derbianus aztecus* (Thomas, 1913).]

Texolo

Neotoma distincta Bangs, 1903: “Texolo, Vera Cruz, Mexico.” [= *Neotoma mexicana distincta* Bangs, 1903.]

Tehuacán

Myotis elegans Hall, 1962: “12½ mi. N Tehuacán, 300 ft. elevation, Veracruz, Mexico.”

Tuxpan de Rodríguez Cano

Cynomops malagai Villa R., 1955: “Tuxpan de Rodríguez Cano, Veracruz, 20° 57' N, 97° 24' W, 4 m de altitud.” [= *Molossus rufus nigricans* Miller, 1902.]

Uvero

Hesperomys sumichrasti de Saussure, 1860: “le versant oriental de la Cordillère.” [Restricted to “Uvero, 20 kilometros al noroeste de Santiago Tuxtla, Veracruz” by Álvarez (1963:583); = *Nyctomys sumichrasti* (de Saussure, 1860).]

Volcán de Tuxtla (Volcano of Tuxtla)

Blarina nelsoni Merriam, 1895b: “Volcano of Tuxtla, Vera Cruz, Mexico (altitude, 4,800 feet).” [= *Cryptotis nelsoni* (Merriam, 1895).]

Volcano of Tuxtla (see Volcán de Tuxtla)**Xalapa** (Jalapa)

Blarina mexicana Coues, 1877a: "Xalapa, Mexico (R. Montes d'Oca)." [= *Cryptotis mexicanus* (Coues, 1877).]

Geomys hispidus J. L. Le Conte, 1852: "Mexico." [Restricted to "near Jalapa, Vera Cruz" by Merriam (1895a:181, footnote); = *Heterogeomys hispidus* (J. L. Le Conte, 1852).]

Arvicola pinetorum quasiater Coues, 1874: "Mexico (Xalapa)" [= *Microtus quasiater* (Coues, 1874).]

Oryzomys chapmani Thomas, 1898b: "Jalapa, Mexico."

Oryzomys jalapae J. A. Allen and Chapman, 1897b: "Jalapa." [= *Oryzomys couesi couesi* (Alston, 1877).]

Peromyscus musculus brunneus J. A. Allen and Chapman, 1897b: "Jalapa, State of Vera Cruz, Mexico." [= *Baiomys musculus brunneus* (J. A. Allen and Chapman, 1897).]

Peromyscus furvus J. A. Allen and Chapman, 1897b: "Jalapa."

Reithrodontomys costaricensis jalapae Merriam, 1901g: "Jalapa, Vera Cruz, Mexico (altitude 4,000 ft.)." [= *Reithrodontomys mexicanus mexicanus* (de Saussure, 1860).]

Reithrodontomys rufescens J. A. Allen and Chapman, 1897b: "Jalapa." [= *Reithrodontomys sumichrasti sumichrasti* (de Saussure, 1860).]

Galictis barbara senex Thomas, 1900: "Hacienda Tortugas, Jalapa, Vera Cruz. Alt. 190 metres." [= *Eira barbara senex* (Thomas, 1900).]

Bassaris monticola Cordero y Hoyas, 1875: "Jalapa Cofre de Perote." ["Type probably from vic. Jalapa, Veracruz" (Hall, 1981:965); = *Bassariscus sumichrasti sumichrasti* (de Saussure, 1860).]

Xico (Jico)

Sorex saussurei veraecrucis Jackson, 1925: "Xico, altitude 6,000 feet, State of Vera Cruz, Mexico." [= *Sorex salvini veraecrucis* Jackson, 1925.]

Peromyscus simulatus Osgood, 1904: "Jico, Vera Cruz, Mexico (altitude 6000 feet)." [= *Habromys simulatus* (Osgood, 1904).]

Peromyscus nelsoni Merriam, 1898d: "Jico, Vera Cruz, Mexico (alt. 6000 ft.)." [= *Megadontomys nelsoni* (Merriam, 1898).]

Putorius tropicalis Merriam, 1896a: "Jico, Vera Cruz, Mexico." [= *Mustela frenata tropicalis* (Merriam, 1896).]

Bassariscus albipes Elliot, 1904a: "Near Vera Cruz, State of Vera Cruz, Mexico." [Identified as "Xico, which is near Jalapa, Vera Cruz" by Nelson and Goldman (1932b:486); = *Bassariscus astutus astutus* (Lichtenstein, 1830).]

Xuchil

Heterogeomys lanius Elliot, 1905b: "Xuchil, Vera Cruz, Mexico."

Zacualpan

Peromyscus angustirostris Hall and Álvarez, 1961a: "3 kilometers west of Zacualpan, 6,000 feet, Veracruz." [= *Peromyscus furvus* J. A. Allen and Chapman, 1897.]

YUCATÁN**Estado de Yucatán** (no specific locality)

Promops centralis Thomas, 1915: "N. Yucatan, Central America."

Cervus yucatanensis Hays, 1874: "Yucatan and the southern part of Mexico." [= *Odocoileus virginianus yucatanensis* (Hays, 1874).]

Chichén itzá (Chichenitza)

Didelphis yucatanensis J. A. Allen, 1901a: “Chichenitza, Yucatan.” [= *Didelphis virginiana yucatanensis* J. A. Allen, 1901.]

Blarina mayensis Merriam, 1901h: “from a Maya ruin at Chichenitza, Yucatan.” [= *Cryptotis mayensis* (Merriam, 1901).]

Nyctinomops yucatanicus Miller, 1902: “Chichen Itza, Yucatan.” [= *Nyctinomops laticaudatus yucatanicus* Miller, 1902.]

Artibeus yucatanicus J. A. Allen, 1904c: “Chichenitza, Yucatan.” [= *Artibeus jamaicensis yucatanicus* J. A. Allen 1904.]

Dermanura phaeotis Miller, 1902: “Chichen Itza, Yucatan.”

Rhogeessa parvula aeneus Goodwin, 1958b: “Chichen Itza, Yucatán.” [= *Rhogeessa aeneus* Goodwin, 1958.]

Heteromys gaumeri J. A. Allen and Chapman, 1897a: “Chichen–Itza, Yucatan.”

Oryzomys yucatanensis Merriam, 1901f: “Chichenitza, Yucatan, Mexico.” [= *Oryzomys rostratus yucatanensis* Merriam, 1901.]

Peromyscus yucatanicus J. A. Allen and Chapman, 1897a: “Chichen–Itza, Yucatan.”

Reithrodontomys mexicanus gracilis J. A. Allen and Chapman, 1897a: “Chichen–Itza.” [= *Reithrodontomys gracilis* J. A. Allen and Chapman, 1897.]

Otonyctomys hatti H. E. Anthony, 1932: “Chichen–Itza, Yucatan, Mexico.”

Ototylomys brevirostris affinis Laurie, 1953: “Chichen–Itza, Yucatan, Mexico.” [= *Ototylomys phyllotis* Merriam, 1901h.]

Spilogale angustifrons yucatanensis Burt, 1938: “Chichen Itzá, Yucatán, Mexico.”

Nasua narica yucatanica J. A. Allen, 1904a: “Chichenitza, Yucatan.”

Izamal

Marmosa mayensis Osgood, 1913: “Izamal, Yucatan, Mexico.”

Macrotus pygmaeus Rehn, 1904: “Izamal, Yucatan.” [= *Micronycteris microtis mexicana* Miller, 1898.]

Adelonycteris gaumeri J. A. Allen, 1897b: “Izamal, Yucatan.” [= *Eptesicus furinalis gaumeri* (J. A. Allen, 1897).]

Coendou mexicanus yucataniae Thomas, 1902a: “Yucatan (probably near Izamal).”

Mérida

Glossophaga soricina handleyi Webster and Jones, 1980: “Colegio Peninsular, Mérida, Yucatán, México.”

Lepus floridanus yucatanicus Miller, 1899b: “Merida, Yucatan.” [= *Sylvilagus floridanus yucatanicus* (Miller, 1899).]

Sciurus carolinensis yucatanensis J. A. Allen, 1877b: “Merida, Yucatan.” [= *Sciurus yucatanensis* J. A. Allen, 1877.]

Urocyon parvidens Miller, 1899a: “Merida Yucatan.” [= *Urocyon cinereoargenteus fraterculus* Elliot, 1896.]

Felis fossata Mearns, 1901b: “Merida, Yucatan.” [= *Herpailurus yagouaroundi fossata* (Mearns, 1901).]

Felis glaucula yucatanica Nelson and Goldman, 1931c: “Merida, Yucatan.” [= *Leopardus wiedii yucatanicus* (Nelson and Goldman, 1931).]

Río Lagartos

Molossus alvarezi González–Ruiz, Ramírez–Pulido and Arroyo–Cabrales, 2011: “Río Lagartos, 20

m, Municipio de Río Lagartos, Yucatán, Mexico (21°35'51" N, 88°9'28" W)."

San Felipe

Urocyon cinereoargenteus fraterculus Elliot, 1896: "San Felipe, Yucatan."

Tunkás

Otodylomys phyllotis Merriam, 1901h: "Tunkas, Yucatan."

Galictis canaster Nelson, 1901a: "Tunkas, northern Yucatan, Mexico." [= *Galictis vittata canaster* Nelson, 1901.]

Tayassu angulatus yucatanensis Merriam, 1901e: "Tunkas, Yucatan." [= *Dicotyles crassus yucatanensis* (Merriam, 1901).]

Mazama pandora Merriam, 1901c: "Tunkas, Yucatan."

Yaxcabá

Marmosa gaumeri Osgood, 1913: "Yaxcaba, southwest of Chichen Itza, Yucatan, Mexico." [= *Tlacuatzin gaumeri* (Osgood, 1913).]

ZACATECAS

Berriozábal

Thomomys umbrinus zacatecae Nelson and Goldman, 1934a: "Berriozabel, Zacatecas, Mexico (altitude 6,600 feet)." [Berriozábal; = *Thomomys umbrinus umbrinus* (Richardson, 1829).]

Dipodomys ornatus Merriam, 1894a: "Berriozabal, Zacatecas, Mexico."

Peromyscus melanophrys consobrinus Osgood, 1904: "Berriozabal, Zacatecas, Mexico." [= *Peromyscus zamorae* Osgood, 1904.]

Cañitas

Cratogeomys castanops goldmani Merriam, 1895a: "Cañitas, Zacatecas, Mexico." [= *Cratogeomys goldmani* Merriam, 1895.]

Plateado

Neotoma leucodon zacatecae Goldman, 1905: "Plateado, Zacatecas, Mexico (altitude, 7600 feet)." [= *Neotoma leucodon leucodon* Merriam, 1894b.]

San Juan Capistrano

Onychomys torridus canus Merriam, 1904a: "San Juan Capistrano, Zacatecas, Mexico." [= *Onychomys arenicola canus* Merriam, 1904.]

Sierra de Valparaiso (Valparaiso Mountains)

Sciurus alstoni J. A. Allen, 1889: "Sierra de Valparaiso, Zacatecas." [Preoccupied by *Sciurus alstoni* J. Anderson, 1878; replaced by *Sciurus nayaritensis* J. A. Allen, 1890.]

Sciurus nayaritensis J. A. Allen, 1890a (Replacement name; see *Sciurus alstoni* J. A. Allen, 1889).

Tamias asiaticus bulleri J. A. Allen, 1889: "Sierra de Valparaiso, Zacatecas." [= *Neotamias bulleri* (J. A. Allen, 1889).]

Thomomys umbrinus crassidens Nelson and Goldman, 1934a: "Sierra de Valparaiso, western Zacatecas, Mexico (altitude 8,700 feet)." [= *Thomomys sheldoni sheldoni* Bailey, 1915.]

Vesperimus difficilis J. A. Allen, 1891a: "Sierra de Valparaiso, Zacatecas, Mexico." [= *Peromyscus difficilis* (J. A. Allen, 1891).]

Reithrodontomys megalotis zacatecae Merriam, 1901g: "Valparaiso Mts., Zacatecas, Mexico." [= *Reithrodontomys zacatecae* Merriam, 1901.]

Sigmodon leucotis Bailey, 1902: "Valparaiso Mts., Zacatecas, Mexico, 8,700 feet altitude."

Sierra Moroni

Thomomys umbrinus enixus Nelson and Goldman, 1934a: “Sierra Moroni, near Plateado, Zacatecas, Mexico (altitude 8,500 feet).” [= *Thomomys umbrinus umbrinus* (Richardson, 1829).]

Nelsonia neotomodon Merriam, 1897e: “mountains near Plateado, Zacatecas, Mexico. (Altitude about 2500 meters or 8200 feet).” [Sierra Moroni, see Goldman 1951:288.]

Valparaíso

Perognathus hispidus zacatecae Osgood, 1900: “Valparaíso, Zacatecas.” [= *Chaetodipus hispidus hispidus* (S. F. Baird, 1857).]

Zacatecas

Sigmodon fulviventer J. A. Allen, 1889: “Zacatecas, Mex.”

ACKNOWLEDGMENTS

During the compilation of the information presented herein, we were assisted in various ways by many people. These include librarians in the National Museum of Natural History, Smithsonian Institution; especially Leslie K. Overstreet, Curator of Natural-History Rare Books in the Cullman Library. We also express our appreciation to Dr. Joaquín Arroyo-Cabrales for sharing information, especially on Mexican mammals described by de Saussure. The information we are able to present on specimens in the ZMB collected by Ferdinand Deppe was facilitated by the able and generous assistance of Dr. Renate Angermann,

Curator of Mammals, who hosted ALG during two visits in the late 1970s. Finally, we thank Tom Bione, Harold Boeschstein, Director of the Research Library of the American Museum of Natural History and staff, Mai Reitmeyer, Annette Springger, and Eric Williams, diligent and attentive friends, always ready to resolve any requests, especially with the Rare Book Collection, whose patience and hospitality was enjoyed by JRP. We greatly appreciate comments and suggestions by the reviewers, especially those by Neal Woodman, USGS Patuxent Wildlife Research Center.

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INDEX OF SCIENTIFIC NAMES

Original names in this list that were described from Mexican localities are marked with superscript ¹; replacement names are marked with superscript ²; names used in the text, names of taxa not described from Mexico, and non-original name combinations in current usage, are not marked. A colon (:) is inserted between the scientific name and the authors' names if those authors are responsible for the subsequent name combination, but not for the original species-group name.

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Addresses of authors:

ALFRED L. GARDNER

*Division of Mammals
National Museum of Natural History
Smithsonian Institution
Washington, DC, USA.
gardnera@si.edu.*

JOSÉ RAMÍREZ-PULIDO

*Universidad Autónoma Metropolitana
Unidad Iztapalapa
Departamento de Biología
Apartado Postal 55-535
Ciudad de México 09340, México
jrp@xanum.uam.mx.*

