

MISCELLANEOUS PUBLICATIONS
MUSEUM OF ZOOLOGY, UNIVERSITY OF MICHIGAN, NO. 52

TYPE LOCALITIES OF POCKET
GOPHERS OF THE GENUS
THOMOMYS

BY
EMMET T. HOOPER

ANN ARBOR
UNIVERSITY OF MICHIGAN PRESS
JULY 21, 1941

**PRICE LIST OF THE MISCELLANEOUS PUBLICATIONS
OF THE MUSEUM OF ZOOLOGY, UNIVERSITY OF MICHIGAN**

Address inquiries to the Director of the Museum of Zoology, Ann Arbor, Michigan.

Bound in Paper

No. 1.	Directions for Collecting and Preserving Specimens of Dragonflies for Museum Purposes. By E. B. WILLIAMSON. (1916) Pp. 15, 3 figures	\$0.25
No. 2.	An Annotated List of the Odonata of Indiana. By E. B. WILLIAMSON. (1917) Pp. 12, 1 map	\$0.25
No. 3.	A Collecting Trip to Colombia, South America. By E. B. WILLIAMSON. (1918) Pp. 24. (<i>Out of print</i>)	
No. 4.	Contributions to the Botany of Michigan. By C. K. DODGE. (1918) Pp. 14	\$0.25
No. 5.	Contributions to the Botany of Michigan, II. By C. K. DODGE. (1918) Pp. 44, 1 map	\$0.45
No. 6.	A Synopsis of the Classification of the Freshwater Mollusca of North America, North of Mexico, and a Catalogue of the More Recently Described Species, with Notes. By BRYANT WALKER. (1918) Pp. 213, 1 plate, 223 figures	\$3.00
No. 7.	The Anculosae of the Alabama River Drainage. By CALVIN GOODRICH. (1922) Pp. 57, 3 plates	\$0.75
No. 8.	The Amphibians and Reptiles of the Sierra Nevada de Santa Marta, Colombia. By ALEXANDER G. RUTHVEN. (1922) Pp. 69, 13 plates, 2 figures, 1 map	\$1.00
No. 9.	Notes on American Species of Triacanthagyna and Gynacantha. By E. B. WILLIAMSON. (1923) Pp. 67, 7 plates	\$0.75
No. 10.	A Preliminary Survey of the Bird Life of North Dakota. By NORMAN A. WOOD. (1923) Pp. 85, 6 plates, 1 map	\$1.00
No. 11.	Notes on the Genus Erythemis, with a Description of a New Species (Odonata). By E. B. WILLIAMSON. The Phylogeny and the Distribution of the Genus Erythemis (Odonata). By CLARENCE H. KENNEDY. (1923) Pp. 21, 1 plate	\$0.50
No. 12.	The Genus Gyrotoma. By CALVIN GOODRICH. (1924) Pp. 29, 2 plates	\$0.50
No. 13.	Studies of the Fishes of the Order Cyprinodontes. By CARL L. HUBBS. (1924) Pp. 23, 4 plates	\$0.75
No. 14.	The Genus Perilestes (Odonata). By E. B. WILLIAMSON AND J. H. WILLIAMSON. (1924) Pp. 36, 1 plate	\$0.50
No. 15.	A Check-list of the Fishes of the Great Lakes and Tributary Waters, with Nomenclatorial Notes and Analytical Keys. By CARL L. HUBBS. (1926) Pp. 77, 4 plates	\$1.50
No. 16.	Studies of the Fishes of the Order Cyprinodontes. VI. By CARL L. HUBBS. (1926) Pp. 79, 4 plates	\$1.00
No. 17.	The Structure and Growth of the Scales of Fishes in Relation to the Interpretation of their Life-History, with Special Reference to the Sunfish Eupomotis gibbosus. By CHARLES W. CREASER. (1926) Pp. 80, 1 plate, 12 figures	\$1.50
No. 18.	The Terrestrial Shell-bearing Mollusca of Alabama. By BRYANT WALKER. (1928) Pp. 180, 277 figures	\$1.50
No. 19.	The Life History of the Toucan Ramphastos brevicarinatus. By JOSELYN VAN TYNE. (1929) Pp. 43, 8 plates, 1 map	\$0.75
No. 20.	Materials for a Revision of the Catostomid Fishes of Eastern North America. By CARL L. HUBBS. (1930) Pp. 47, 1 plate	\$0.75
No. 21.	A Revision of the Libelluline Genus Perithemis (Odonata). By F. RIS. (1930) Pp. 50, 9 plates	\$0.75
No. 22.	The Genus Oligoclada (Odonata). By DONALD J. BORROR. (1931) Pp. 42, 7 plates	\$0.50
No. 23.	A Revision of the Puer Group of the North American Genus, Melanoplus, with Remarks on the Taxonomic Value of the Concealed Male Genitalia in the Cyrtacanthacrinae (Orthoptera, Acrididae). By THEODORE H. HUBBELL. (1932) Pp. 64, 3 plates, 1 figure, 1 map	\$0.75

(*Continued on last page*)

ADVERTISEMENT

The publications of the Museum of Zoology, University of Michigan, consist of two series—the Occasional Papers and the Miscellaneous Publications. Both series were founded by Dr. Bryant Walker, Mr. Bradshaw H. Swales, and Dr. W. W. Newcomb.

The Occasional Papers, publication of which was begun in 1913, serve as a medium for original studies based principally upon the collections in the Museum. The papers are issued separately to libraries and specialists, and, when a sufficient number of pages have been printed to make a volume, a title page, table of contents, and index are supplied to libraries and individuals on the mailing list for the entire series.

The Miscellaneous Publications, which include papers on field and museum techniques, monographic studies, and other contributions not within the scope of the Occasional Papers, are published separately, and, as it is not intended that they will be grouped into volumes, each number has a title page, and, when necessary, a table of contents.

FREDERICK M. GAIGE
Director of the Museum of Zoology

MISCELLANEOUS PUBLICATIONS
MUSEUM OF ZOOLOGY, UNIVERSITY OF MICHIGAN, NO. 52

TYPE LOCALITIES OF POCKET
GOPHERS OF THE GENUS
THOMOMYS

BY
EMMET T. HOOPER

ANN ARBOR
UNIVERSITY OF MICHIGAN PRESS
JULY 21, 1941

CONTENTS

INTRODUCTION	7
NAMES FOR SPECIES AND SUBSPECIES OF <i>Thomomys</i>	8
NAMES OF SPECIES AND SUBSPECIES OF <i>Thomomys</i> WITH CITATION TO ORIGINAL DESCRIPTION AND TYPE LOCALITY OF EACH	11

TYPE LOCALITIES OF POCKET GOPHERS OF THE GENUS *THOMOMYS*

INTRODUCTION

AT LEAST 171 species and geographic races of *Thomomys* have been described since Bailey's revision¹ and 164 since Miller's latest check list.² Most of them were made known within the past decade. Several synoptic lists, published within the past three or four years, have brought together the names and type localities of many of the forms described, but none was intended to be a complete list of the races of the genus.

In this paper I have assembled under one cover the name, type locality, and citation to the original description of each species and race of *Thomomys*, both fossil and recent, known to me at the present writing (April 7, 1941). The type locality is recorded herewith as given by the original describer, unless it is corrected or is made more complete and specific by some subsequent author or by me. Additions and corrections are enclosed in brackets [present writer] or in parentheses (other authors). The 266 names (including synonyms) that have been proposed for species and races are arranged alphabetically in each of two lists. In each, affiliation of a name with a species purposely has been avoided because of the uncertain status of some species and races. The first list contains only the name of the species or race of gopher, the authority for that name, and the name of the state wherein the type locality lies. In the second, which is arranged alphabetically by states, the name of the gopher and the authority for that name is accompanied by a citation to the original description and to the type locality. The location in the particular state of the type locality is indicated by number on the accompanying map; each state has its own set of consecutive numbers. Because the type locality of each is indefinite, *borealis* Bachman and *fuliginosus* Schinz are not plotted on the map. They are cited in both lists—in the second at the end of the list.

I am indebted to E. A. Goldman for information about certain type localities, to Grace Eager for the map, and to Harold Broadbooks for assistance in checking the data and plotting the localities.

¹ Vernon Bailey, "Revision of the Pocket Gophers of the Genus *Thomomys*," *North Amer. Fauna*, No. 39 (1915): 1-136, 8 pls., 10 figs.

² Gerrit S. Miller, "List of North American Recent Mammals 1923," *Bull. U. S. Nat. Mus.*, No. 128 (1924): i-xvi, 1-673.

NAMES FOR SPECIES AND SUBSPECIES OF *THOMOMYS*

- abbotti* Huey. Lower California.
absonus Goldman. Arizona.
abstrusus Hall and Davis. Nevada.
acrirostratus Grinnell. California.
aderrans Huey. California.
agrestis Merriam. Colorado.
agricolaris Grinnell. California.
albatus Grinnell. California.
albicaudatus Hall. Utah.
albigularis Nelson and Goldman. Hidalgo.
alexandrae Goldman. Arizona.
alienus Goldman. Arizona.
alpinus Merriam. California.
alticola Allen. Lower California.
altivallis Rhoads. California.
amargosae Grinnell. California.
analogus Goldman. Coahuila.
andersoni Goldman. Alberta.
angularis Merriam. California.
anitae Allen. Lower California.
apache Bailey. New Mexico.
aphrastus Elliot. Lower California.
argusensis Huey. California.
aridicola Huey. Arizona.
atrodorsalis Nelson and Goldman. San Luis Potosí.
atrogriseus Bailey. Idaho.
atrovarius Allen. Sinaloa.
aureiventris Hall. Utah.
aureus Allen. Utah.
wahnee Merriam. California.
- bachmani* Davis. Nevada.
badius Goldman. Washington.
baileyi Merriam. Texas.
basilicae Benson and Tillotson. Sonora.
birdseyei Goldman. Utah.
borealis Bachman. (See end of second list.)
borealis Richardson. Saskatchewan.
boregoensis Huey. California.
bottae Eydoux and Gervais. California.
brevidens Hall. Nevada.
bridgeri Merriam. Wyoming.
bulbivorus Richardson. Oregon.
bullatus Bailey. Montana.
burti Huey. Arizona.
- cabezona* Merriam. California.
- cactophilus* Huey. Lower California.
caliginosus Nelson and Goldman. Chihuahua.
camoae Burt. Sonora.
canus Bailey. Nevada.
caryi Bailey. Wyoming.
catalinae Goldman. Arizona.
catavinensis Huey. Lower California.
centralis Hall. Nevada.
cervinus Allen. Arizona.
chihuahuae Nelson and Goldman. Chihuahua.
chiricahuae Nelson and Goldman. Arizona.
chrysonotus Grinnell. Arizona.
cinereus Hall. Nevada.
clusius Coues. Wyoming.
collinus Goldman. Arizona.
collis Hooper. New Mexico.
columbianus Bailey. Washington.
comobabiensis Huey. Arizona.
concisior Hall and Davis. Nevada.
confinalis Goldman. Texas.
confinis Davis. Montana.
connectens Hall. New Mexico.
convergens Nelson and Goldman. Sonora.
convexus Durrant. Utah.
couchi Goldman. Washington.
crassidens Nelson and Goldman. Zacatecas.
curtatus Hall. Nevada.
- depauperatus* Grinnell and Hill. Arizona.
depressus Hall. Nevada.
desertorum Merriam. Arizona.
desitus Goldman. Arizona.
detumidus Grinnell. Oregon.
devevus Hall and Dalquest. Washington.
diaboli Grinnell. California.
dissimilis Goldman. Utah.
divergens Nelson and Goldman. Sonora.
douglasii Richardson. Oregon.
durangi Nelson and Goldman. Durango.
- elkoensis* Davis. Nevada.
emotus Goldman. New Mexico.
enixus Nelson and Goldman. Zacatecas.
ericacus Goldman. Washington.
estanciae Benson and Tillotson. Sonora.
evevus Nelson and Goldman. Durango.

- eximius* Nelson and Goldman. Sinaloa.
extenuatus Goldman. Arizona.
extimus Nelson and Goldman. Nayarit.
- falcifer* Grinnell. Nevada.
fisheri Merriam. California.
flavidus Goldman. Arizona.
fossor Allen. Colorado.
fuliginosus Schinz. (See end of second list.)
fulvus Woodhouse. Arizona.
fumosus Hall. Nevada.
fuscus Merriam. Idaho.
- gidleyi* Wilson. Idaho.
goldmani Merriam. Durango.
gracilis Durrant. Utah.
grahamensis Goldman. Arizona.
growlerensis Huey. Arizona.
guadalupensis Goldman. Texas.
- harquahalae* Grinnell and Hill. Arizona.
helleri Elliot. Oregon.
hesperus Merriam. Oregon.
howelli Goldman. Colorado.
hualpaiensis Goldman. Arizona.
hueyi Goldman. Arizona.
- idahoensis* Merriam. Idaho.
imitabilis Goldman. Lower California.
immunis Hall and Dalquest. Washington.
incensus Goldman. British Columbia.
incomptus Goldman. Lower California.
infrapallidus Grinnell. California.
ingens Grinnell. California.
intermedius Mearns. Arizona.
internatus Goldman. Colorado.
- jacinteus* Grinnell and Swarth. California.
- kaibabensis* Goldman. Arizona.
kelloggi Goldman. Montana.
- lachuguilla* Bailey. Texas.
lacrymalis Hall. Nevada.
laticeps Baird. California.
latirostris Merriam. Arizona.
latus Hall and Davis. Nevada.
leucodon Merriam. Oregon.
levis Goldman. Utah.
limitaris Goldman. Texas.
limosus Merriam. Washington.
- limpiae* Blair. Texas.
litoris Burt. Lower California.
lorenzi Huey. California.
loringi Bailey. Alberta.
lucidus Hall. Lower California.
lucrificus Hall and Durham. Nevada.
- macrotis* F. W. Miller. Colorado.
madrensis Nelson and Goldman. Chihuahua.
magdalenae Nelson and Goldman. Lower California.
martinensis Nelson and Goldman. Puebla.
martirensis Allen. Lower California.
mazama Merriam. Oregon.
mearnsi Bailey. New Mexico.
medius Goldman. British Columbia.
melanops Merriam. Washington.
melanotis Grinnell. California.
mewa Merriam. California.
microdon Sinclair. California.
minus Durrant. Utah.
minor Bailey. California.
modicus Goldman. Arizona.
mohavensis Grinnell. California.
monoensis Huey. California.
monticola Allen. California.
moorei Goldman. Utah.
morulus Hooper. New Mexico.
muralis Goldman. Arizona.
musculus Nelson and Goldman. Nayarit.
mutabilis Goldman. Arizona.
myops Merriam. Washington.
- nanus* Hall. Nevada.
nasicus Merriam. Oregon.
nasutus Hall. Arizona.
navus Merriam. California.
nebulosus Bailey. Wyoming.
neglectus Bailey. California.
nelsoni Merriam. Chihuahua.
nesophilus Durrant. Utah.
nevadensis Merriam. Nevada.
nicholi Goldman. Arizona.
niger Merriam. Oregon.
nigricans Rhoads. California.
- occipitalis* Benson and Tillotson. Sonora.
occipitalis Dice. California.
ocius Merriam. Wyoming.
operarius Merriam. California.
optabilis Goldman. Colorado.

- opulentus* Goldman. New Mexico.
oregonus Merriam. Oregon.
oreoecus Burt. California.
orizabae Merriam. Puebla.
osgoodi Goldman. Utah.
owyhensis Davis. Idaho.
- paguatae* Hooper. New Mexico.
pallescens Rhoads. California.
parowanensis Goldman. Utah.
parviceps Nelson and Goldman. Durango.
parvulus Goldman. Arizona.
pascalis Merriam. California.
patulus Goldman. Arizona.
pectoralis Goldman. New Mexico.
peramplus Goldman. Arizona.
perditus Merriam. Nuevo Leon.
peregrinus Merriam. Mexico.
perpallidus Merriam. California.
perpes Merriam. California.
pervagus Merriam. New Mexico.
pervarius Goldman. Texas.
phasma Goldman. Arizona.
phelleoecus Burt. Nevada.
pinalensis Goldman. Arizona.
pinetorum Merriam. California.
piutensis Grinnell and Hill. California.
planirostris Burt. Utah.
planorum Hooper. New Mexico.
potosinus Nelson and Goldman. San Luis Potosí.
premaxillaris Grinnell. California.
providentialis Grinnell. California.
proximus Burt and Campbell. Arizona.
pryori Bailey. Montana.
puertae Grinnell. California.
pusillus Goldman. Arizona.
pygmaeus Merriam. Idaho.
- quadratus* Merriam. Oregon.
quercinus Burt and Campbell. Arizona.
- relicinus* Goldman. Idaho.
relictus Grinnell. California.
riparius Grinnell and Hill. California.
rufescens Wied. North Dakota.
ruidosae Hall. New Mexico.
russeolus Nelson and Goldman. Lower California.
- saturatus* Bailey. Montana.
saxatilis Grinnell. California.
scapterus Elliot. California.
scudderi Hay. Oregon.
shawi Taylor. Washington.
sheldoni Bailey. Nayarit.
silvifugus Grinnell. California.
similis Davis. Idaho.
simulus Nelson and Goldman. Sonora.
sinaloae Merriam. Sinaloa.
solitarius Grinnell. Nevada.
sonoriensis Nelson and Goldman. Sonora.
spatiosus Goldman. Texas.
sturgisi Goldman. Coahuila.
suboles Goldman. Arizona.
subsimilis Goldman. Arizona.
supernus Nelson and Goldman. Guajuato.
- tacomensis* Taylor. Washington.
talpoides Richardson. Saskatchewan.
taylori Hooper. New Mexico.
tenellus Goldman. Wyoming.
texensis Bailey. Texas.
tivius Durrant. Utah.
toltecus Allen. Chihuahua.
tolucae Nelson and Goldman. Mexico.
townsendii Bachman. Idaho.
trivialis Goldman. Montana.
trumbullensis Hall and Davis. Arizona.
tularosae Hall. New Mexico.
- uinta* Merriam. Utah.
umbrinus Richardson. Puebla (or Vera Cruz).
- vanrossemei* Huey. Sonora.
vescus Hall and Davis. Nevada.
vetus Davis. Oregon.
virgineus Goldman. Arizona.
vulcanius Nelson and Goldman. Mexico.
- wahwahensis* Durrant. Utah.
wallowa Hall and Orr. Oregon.
winthropi Nelson and Goldman. Sonora.
- yakimensis* Hall and Dalquest. Washington.
yelmensis Merriam. Washington.
- zacatecae* Nelson and Goldman. Zacatecas.

NAMES OF SPECIES AND SUBSPECIES OF *THOMOMYS*
WITH CITATION TO ORIGINAL DESCRIPTION
AND TYPE LOCALITY OF EACH

ALBERTA

1. *andersoni* Goldman, *Journ. Mammalogy*, 20: 235, 1939. South Saskatchewan River [Medicine Hat District], Medicine Hat.
2. *loringi* Bailey, *Proc. Biol. Soc. Wash.*, 27: 118, 1914. [South Edmonton District], South Edmonton.

ARIZONA

1. *absonus* Goldman, *Journ. Wash. Acad. Sci.*, 21: 425, 1931. Coconino Co., Houserock Valley, Jacob's Pool, 4000 ft.
2. *alexandrae* Goldman, *Journ. Wash. Acad. Sci.*, 23: 464, 1933. Coconino Co., near Navaho Mt., 5 mi. SE. Rainbow Lodge, 6200 ft.
3. *alienus* Goldman, *Journ. Wash. Acad. Sci.*, 28: 338, 1938. Pinal Co., San Pedro River, Mammoth, 2400 ft.
4. *aridicola* Huey, *Trans. San Diego Soc. Nat. Hist.*, 8: 354, 1937. Maricopa Co., 10 mi. S. Gila Bend and 2 mi. N. Black Gap, Ajo Railroad right of way.
5. *burti* Huey, *Trans. San Diego Soc. Nat. Hist.*, 7: 158, 1932. Santa Cruz Co., Santa Rita Mts., Madera Canyon, 6000 ft.
6. *catalinae* Goldman, *Journ. Wash. Acad. Sci.*, 21: 419, 1931. Pima Co., Santa Catalina Mts., Summerhaven, 7500 ft.
7. *cervinus* Allen, *Bull. Amer. Mus. Nat. Hist.*, 7: 203, 1895. [Maricopa Co.], Phoenix.
8. *chiricahuae* Nelson and Goldman, *Journ. Mammalogy*, 15: 117, 1934. [Cochise Co.], west slope Chiricahua Mts., Pinery Canyon, 7500 ft.
9. *chrysonotus* Grinnell, *Univ. Calif. Publ. Zool.*, 10: 174, 1912. Yuma Co., Ehrenberg.
10. *collinus* Goldman, *Journ. Wash. Acad. Sci.*, 21: 421, 1931. Cochise Co., Chiricahua Mts., Fly Park, 9000 ft.
11. *comobabiensis* Huey, *Trans. San Diego Soc. Nat. Hist.*, 8: 354, 1937. Pima Co., 5 mi. NW. Sells [about 2400 ft.].
12. *depauperatus* Grinnell and Hill, *Journ. Mammalogy*, 17: 4, 1936. Yuma Co., 7 mi. S. Raven Butte, east base Tinajas Altas Mts., 1150 ft.
13. *desertorum* Merriam, *Proc. Biol. Soc. Wash.*, 14: 114, 1901. [Mohave Co.], Detrital Valley, Mud [= Muddy] Spring.
14. *desitus* Goldman, *Journ. Wash. Acad. Sci.*, 26: 113, 1936. Mohave Co., Big Sandy River near Owen [about 4 mi. SE. Wickieup], 2000 ft.
15. *extenuatus* Goldman, *Proc. Biol. Soc. Wash.*, 48: 149, 1935. Cochise Co., Willcox, 4000 ft.

16. *flavidus* Goldman, *Journ. Wash. Acad. Sci.*, 21: 417, 1931. Yuma Co., Parker, 350 ft.
17. *fulvus* Woodhouse, *Proc. Acad. Nat. Sci. Phila.*, 1852: 201. [Coconino Co.], San Francisco Mt.
18. *grahamensis* Goldman, *Journ. Wash. Acad. Sci.*, 21: 420, 1931. Graham Co., Graham Mts. (= Pinalena Mts.), 9200 ft.
19. *growlerensis* Huey, *Trans. San Diego Soc. Nat. Hist.*, 8: 353, 1937. Pima Co., 7 mi. E. Papago Well, south end Growler Valley.
20. *harquahalae* Grinnell and Hill, *Journ. Mammalogy*, 17: 7, 1936. Yuma Co., Ranegras Plain, 10 mi. W. Hope [10 mi. WSW. Vicksburg].
21. *hualpaiensis* Goldman, *Journ. Wash. Acad. Sci.*, 26: 114, 1936. Mohave Co., Hualpai Mts., Hualpai Peak, 7000 ft.
22. *hueyi* Goldman, *Journ. Wash. Acad. Sci.*, 28: 340, 1938. Pima Co., Rincon Mts., Spud Rock Ranger Station [25 mi. due east Tucson], 7400 ft.
23. *intermedius* Mearns, *Proc. U. S. Nat. Mus.*, 19: 719, 1897. [Cochise Co.], Huachuca Mts., 9000 ft.
24. *kaibabensis* Goldman, *Journ. Wash. Acad. Sci.*, 28: 333, 1938. Coconino Co., Kaibab Plateau, De Motte Park [about 50 mi. SE. Fredonia], 9000 ft.
25. *latirostris* Merriam, *Proc. Biol. Soc. Wash.*, 14: 107, 1901. Coconino Co., Little Colorado River, Painted Desert (Tanner's Crossing, NE. of San Francisco Mt., Bailey, *N. Amer. Fauna*, 39: 78, 1915).
26. *modicus* Goldman, *Journ. Wash. Acad. Sci.*, 21: 418, 1931. Pima Co., south end Altar Valley, near boundary of Mexico, La Osa [11 mi. W. Santa Cruz County line].
27. *muralis* Goldman, *Journ. Wash. Acad. Sci.*, 26: 112, 1936. [Coconino Co.], Hualpai Indian Reservation, Grand Canyon, lower end Prospect Valley [about 25 mi. WSW. Supai], 4500 ft.
28. *mutabilis* Goldman, *Proc. Biol. Soc. Wash.*, 46: 75, 1933. Yavapai Co., Camp Verde, 3200 ft.
29. *nasutus* Hall, *Proc. Biol. Soc. Wash.*, 45: 96, 1932. Apache Co., West Fork Black River [about 25 mi. SSW. Springerville], 7550 ft.
30. *nicholi* Goldman, *Journ. Wash. Acad. Sci.*, 28: 337, 1938. Mohave Co., Shivwits Plateau, 20 mi. S. Wolf Hole (road to Parashouts), 5000 ft.
31. *parvulus* Goldman, *Journ. Wash. Acad. Sci.*, 28: 339, 1938. Pima Co., pass between Santa Catalina and Rincon mts. [25 mi. ENE. Tucson], 4500 ft.
32. *patulus* Goldman, *Journ. Wash. Acad. Sci.*, 28: 341, 1938. Maricopa Co., Hassayampa River, 2 mi. below Wickenburg, 2000 ft.
33. *peramplus* Goldman, *Journ. Wash. Acad. Sci.*, 21: 423, 1931. Apache Co., west slope Tunicha Mts. [=southern Chuska Mts.], Wheatfield Creek [about 27 mi. E. Chin Lee], 7000 ft.

34. *phasma* Goldman, *Proc. Biol. Soc. Wash.*, 46: 72, 1933. Yuma Co., Tule Desert, 2 mi. S. Tule Tank, near boundary of Mexico.
35. *pinalensis* Goldman, *Journ. Wash. Acad. Sci.*, 28: 342, 1938. [Pinal Co.], Pinal Mts., 5 mi. E. Superior, Oak Flat.
36. *proximus* Burt and Campbell, *Journ. Mammalogy*, 15: 151, 1934. Pima Co., west slope Santa Rita Mts., Old Parker Ranch (= Picketts Ranch) [4 mi. W. Greaterville], 4800 ft.
37. *pusillus* Goldman, *Journ. Wash. Acad. Sci.*, 21: 422, 1931. Pima Co., Coyote Mts. [= Quinlan Mts., 40 mi. WSW. Tucson], 3000 ft.
38. *quercinus* Burt and Campbell, *Journ. Mammalogy*, 15: 150, 1934. [Santa Cruz Co.], Pajarito Mts. [= Tumacacori Mts.], Peña Blanca Spring [about 10 mi. WNW. Nogales].
39. *suboles* Goldman, *Proc. Biol. Soc. Wash.*, 41: 203, 1928. [Mohave Co.], Colorado River, Old Searchlight Ferry [about 28 mi. W. Chloride], 1000 ft.
40. *subsimilis* Goldman, *Proc. Biol. Soc. Wash.*, 46: 74, 1933. Yuma Co., Harquahala Mts., 3000 ft.
41. *trumbullensis* Hall and Davis, *Proc. Biol. Soc. Wash.*, 47: 51, 1934. Mohave Co., Mt. Trumbull, 3 mi. S. Nixon Spring.
42. *virgineus* Goldman, *Proc. Biol. Soc. Wash.*, 50: 133, 1937. [Mohave Co.], Beaverdam Creek, near confluence with Virgin River, Littlefield [= Beaverdam], 1500 ft.

BRITISH COLUMBIA

1. *incensus* Goldman, *Journ. Mammalogy*, 20: 240, 1939. Yale District, Shuswap.
2. *medius* Goldman, *Journ. Mammalogy*, 20: 241, 1939. Kootenay District, 6 mi. S. Nelson, summit Toad Mt., Silver King Mine.

CALIFORNIA

1. *acrirostratus* Grinnell, *Univ. Calif. Publ. Zool.*, 40: 408, 1935. Trinity Co., valley of Mad River, 7 mi. above Ruth, 2700 ft.
2. *aderrans* Huey, *Trans. San Diego Soc. Nat. Hist.*, 9: 71, 1939. San Diego Co., Carrizo Creek, near Imperial Co. line.
3. *agricolaris* Grinnell, *Univ. Calif. Publ. Zool.*, 40: 409, 1935. Yolo Co., 3 mi. W. Davis, Stralock Farm.
4. *albatus* Grinnell, *Univ. Calif. Publ. Zool.*, 10: 172, 1912. Imperial Co., near Pilot Knob, old Hanlon Ranch [10 mi. W. Yuma, Arizona].
5. *alpinus* Merriam, *Proc. Biol. Soc. Wash.*, 11: 216, 1897. [Inyo Co.], 8 mi. SE. Mt. Whitney (peak), Big Cottonwood Meadows, 10,000 ft.
6. *altivallis* Rhoads, *Proc. Acad. Nat. Sci. Phila.*, 1895: 34. [San Bernardino Co.], San Bernardino Mts., 5000 ft.

7. *amargosae* Grinnell, *Univ. Calif. Publ. Zool.*, 21: 239, 1921. Inyo Co., Amargosa River, Shoshone, 1560 ft.
8. *angularis* Merriam, *Proc. Biol. Soc. Wash.*, 11: 214, 1897. Merced Co., Los Baños.
9. *argusensis* Huey, *Trans. San Diego Soc. Nat. Hist.*, 7: 43, 1931. Inyo Co., Argus Mts., Junction Ranch.
10. *awahnee* Merriam, *Proc. Biol. Soc. Wash.*, 21: 146, 1908. Yosemite Valley (= Mariposa Co., Yosemite Valley, near Sentinel Hotel, 4000 ft., Bailey, *N. Amer. Fauna*, 39: 64, 1915).
11. *boregoensis* Huey, *Trans. San Diego Soc. Nat. Hist.*, 9: 70, 1939. San Diego Co., Borego Valley, Beatty Ranch.
12. *bottae* Eydoux and Gervais, *Mag. d. Zool.*, 6: 23, 1836. Coast of California (probably [Monterey Co.] vicinity of Monterey, Baird, *Pac. R. R. Rept.*, 8: 391, 1857).
13. *cabezona* Merriam, *Proc. Biol. Soc. Wash.*, 14, 110, 1901. [Riverside Co.], San Gorgonio Pass, Cabazon [1791 ft.].
14. *diaboli* Grinnell, *Univ. Calif. Publ. Zool.*, 12: 313, 1914. Merced Co., Diablo Range, 22 mi. by road SW. Los Baños, Sweeney's Ranch.
15. *fisheri* Merriam, *Proc. Biol. Soc. Wash.*, 14: 111, 1901. Plumas Co., Sierra Valley, Beckwith.
16. *infrapallidus* Grinnell, *Univ. Calif. Publ. Zool.*, 12: 314, 1914. San Luis Obispo Co., Carrizo Plain, 7 mi. SE. Simmler.
17. *ingens* Grinnell, *Univ. Calif. Publ. Zool.*, 38: 405, 1932. Kern Co., 2 mi. W. Millux, Buena Vista Lake, east side levee.
18. *jacinteus* Grinnell and Swarth, *Proc. Calif. Acad. Sci.* (4th ser.), 4: 153, 1914. Riverside Co., San Jacinto Mts., Round Valley, 9000 ft.
19. *laticeps* Baird, *Proc. Acad. Nat. Sci. Phila.*, 1855: 335. [Humboldt Co.], Humboldt Bay.
20. *lorenzi* Huey, *Trans. San Diego Soc. Nat. Hist.*, 9: 219, 1940. Santa Cruz Co. [Santa Cruz Mts.], 7 mi. N. Boulder Creek.
21. *melanotis* Grinnell, *Univ. Calif. Publ. Zool.*, 17: 425, 1918. Mono Co., White Mts., Big Prospector Meadows, 10,500 ft.
22. *mewa* Merriam, *Proc. Biol. Soc. Wash.*, 21: 146, 1908. Madera Co., Raymond.
23. *microdon* Sinclair, *Univ. Calif. Publ. Bull. Dept. Geol.*, 4: 146, 1905. Shasta Co. [McCloud River, 1 mi. SE. Baird], Potter Creek Cave, 1500 ft. Pleistocene.
24. *minor* Bailey, *Proc. Biol. Soc. Wash.*, 27: 116, 1914. Mendocino Co., Fort Bragg.
25. *mohavensis* Grinnell, *Univ. Calif. Publ. Zool.*, 17: 427, 1918. San Bernardino Co., Mohave River, near Victorville, 2700 ft.
26. *monoensis* Huey, *Trans. San Diego Soc. Nat. Hist.*, 7: 373, 1934. Mono

- Co., confluence of Dexter and Wet creeks, Dexter Creek Meadow, Kuhlee Ranch [12 mi. NW. Benton], 6800 ft.
27. *monticola* Allen, *Bull. Amer. Mus. Nat. Hist.*, 5: 48, 1893. Eldorado Co., Mt. Tallac, 7500 ft.
 28. *navus* Merriam, *Proc. Biol. Soc. Wash.*, 14: 112, 1901. [Tehama Co.], Red Bluff.
 29. *neglectus* Bailey, *Proc. Biol. Soc. Wash.*, 27: 117, 1914. [San Bernardino Co.], San Gabriel Mts., San Antonio Peak, Bear Flat Meadows, 6400 ft.
 30. *nigricans* Rhoads, *Proc. Acad. Nat. Sci. Phila.*, 1895: 36. San Diego Co., Witch Creek [town, 2753 ft.].
 31. *occipitalis* Dice, *Carnegie Inst. Wash., Publ.* 349: 125, 1925. Los Angeles Co., Rancho La Brea. Pleistocene.
 32. *operarius* Merriam, *Proc. Biol. Soc. Wash.*, 11: 215, 1897. Inyo Co. [near] Owens Lake, Keeler.
 33. *oreoecus* Burt, *Trans. San Diego Soc. Nat. Hist.*, 7: 154, 1932. Inyo Co., 8 mi. SW. Ryan, Black Mts., Greenwater, 4300 ft.
 34. *palescens* Rhoads, *Proc. Acad. Nat. Sci. Phila.*, 1895: 36. [San Bernardino Co., about 10 mi. NW. San Bernardino], Grapeland.
 35. *pascalis* Merriam, *Proc. Biol. Soc. Wash.*, 14: 111, 1901. [Fresno Co.?), San Joaquin Valley, Fresno.
 36. *perpallidus* Merriam, *Science*, 8: 588, 1886. Southern California, Colorado Desert (= Riverside Co., Palm Springs, Stephens, *California Mammals*, 1906: 138).
 37. *perpes* Merriam, *Proc. Biol. Soc. Wash.*, 14: 111, 1901. [Inyo Co.], Owens Valley, Lone Pine.
 38. *pinetorum* Merriam, *N. Amer. Fauna*, 16: 97, 1899. Siskiyou Co., Sisson.
 39. *piutensis* Grinnell and Hill, *Proc. Biol. Soc. Wash.*, 49: 103, 1936. Kern Co., Piute Mts., French Gulch [14 mi. S. Onyx and 2½ mi. NE. Claraville], 6700 ft.
 40. *premaxillaris* Grinnell, *Univ. Calif. Publ. Zool.*, 12: 312, 1914. Tehama Co., 2 mi. S. South Yolla Bolly Mt., 7500 ft.
 41. *providentialis* Grinnell, *Univ. Calif. Publ. Zool.*, 38: 1, 1931. San Bernardino Co., Providence Range, 6 mi. SE. New York Mts., Purdy, 4500 ft.
 42. *puertae* Grinnell, *Univ. Calif. Publ. Zool.*, 12: 315, 1914. San Diego Co., lower end La Puerta Valley, 5 mi. W. Vallecito, La Puerta (= Mason's Ranch).
 43. *relictus* Grinnell, *Univ. Calif. Publ. Zool.*, 30: 2, 1926. Lassen Co., Valley of Susan River, 2 mi. S. Susanville.
 44. *riparius* Grinnell and Hill, *Journ. Mammalogy*, 17: 4, 1936. Riverside Co., Blythe.

45. *saxatilis* Grinnell, *Proc. Biol. Soc. Wash.*, 47: 193, 1934. Lassen Co., 1 mi. N. Susanville, 4400 ft.
46. *scapterus* Elliot, *Field Columb. Mus.* (zool. ser.), 3: 248, 1903. Inyo Co., Panamint Mts., Hannopec Canyon (= Hanaupah Canyon, 7500 ft., Grinnell, *Univ. Calif. Publ. Zool.*, 40: 144, 1933).
47. *silvifugus* Grinnell, *Univ. Calif. Publ. Zool.*, 40: 406, 1935. Humboldt Co., 16 mi. due E. Patricks Point, near Coyote Peak, 3000 ft.

CHIHUAHUA

1. *caliginosus* Nelson and Goldman, *Journ. Mammalogy*, 15: 116, 1934. Sierra Madre, [about 35 mi.] W. Casas Grandes, 8 mi. W. Altamirano, near Sonora boundary, 8000 ft.
2. *chihuahuae* Nelson and Goldman, *Journ. Mammalogy*, 15: 114, 1934. Sierra Madre, about 65 mi. E. Batopilas, 7000 ft.
3. *madrensis* Nelson and Goldman, *Journ. Mammalogy*, 15: 115, 1934. 10 mi. NE. Colonia García and 25 mi. SW. Casas Grandes, Cañon de Pilares, 6400 ft.
4. *nelsoni* Merriam, *Proc. Biol. Soc. Wash.*, 14: 109, 1901. [Hidalgo del] Parral (6000 ft., Bailey, *N. Amer. Fauna*, 39: 92, 1915).
5. *toltecus* Allen, *Bull. Amer. Mus. Nat. Hist.*, 5: 52, 1893. Sonora, Juarez (= Chihuahua, Colonia Juarez, 4500 ft., Bailey, *N. Amer. Fauna*, 39: 86, 1915) [20 mi. SW. Casas Grandes].

COAHUILA

1. *analogus* Goldman, *Proc. Biol. Soc. Wash.*, 51: 59, 1938. Sierra [de] Guadalupe [12 or 15 mi. S. General Cepeda (on Nac. de Mex. Railroad, about 30 mi. due W. Saltillo), Goldman, *in litt.*].
2. *sturgisi* Goldman, *Proc. Biol. Soc. Wash.*, 51: 56, 1938. Sierra del Carmen, 6000 ft.

COLORADO

1. *agrestis* Merriam, *Proc. Biol. Soc. Wash.*, 21: 144, 1908. [Alamosa Co.], San Luis Valley, Medano Ranch (15 mi. NE. Mosca, Bailey, *N. Amer. Fauna*, 39: 105, 1915).
2. *fossor* Allen, *Bull. Amer. Mus. Nat. Hist.*, 5: 51, 1893. La Plata Co., Florida, 7200 ft.
3. *howelli* Goldman, *Journ. Wash. Acad. Sci.*, 26: 116, 1936. Mesa Co., Grand Junction, 4600 ft.
4. *internatus* Goldman, *Journ. Wash. Acad. Sci.*, 26: 115, 1936. Chaffee Co., Salida, 7000 ft.
5. *macrotis* F. W. Miller, *Proc. Colo. Mus. Nat. Hist.*, 9: 41, 1930. Douglas Co., 2 mi. N. Parker, D'Arcy Ranch, about 5700 ft.

6. *optabilis* Goldman, *Journ. Wash. Acad. Sci.*, 26: 116, 1936. Montrose Co., Naturita Creek Valley, Coventry, 6500 ft.

DURANGO

1. *durangi* Nelson and Goldman, *Journ. Mammalogy*, 15: 114, 1934. Durango.
2. *evezus* Nelson and Goldman, *Journ. Mammalogy*, 15: 115, 1934. Mt. San Gabriel [vicinity of Rosario (10 mi. NW. Villa Ocampo), Río Florido; see Allen, *Bull. Amer. Mus. Nat. Hist.*, 19: 590, 1903], between 7000 and 9000 ft.
3. *goldmani* Merriam, *Proc. Biol. Soc. Wash.*, 14: 108, 1901. Mapimi (3800 ft., Goldman, *Journ. Mammalogy*, 15: 115, 1934).
4. *parviceps* Nelson and Goldman, *Journ. Mammalogy*, 15: 121, 1934. Chacalá, 3000 ft.

GUANAJUATO

1. *supernus* Nelson and Goldman, *Journ. Mammalogy*, 15: 110, 1934. 7 mi. NE. Guanajuato, Santa Rosa, between 9500 and 10,000 ft.

HIDALGO

1. *albigularis* Nelson and Goldman, *Journ. Mammalogy*, 15: 106, 1934. Sierra de Pachuca, El Chico, 9800 ft.

IDAHO

1. *atrogriseus* Bailey, *Proc. Biol. Soc. Wash.*, 27: 118, 1914. [Canyon Co.], Nampa.
2. *fuscus* Merriam, *N. Amer. Fauna*, 5: 69, 1891. Custer Co., mountains at head of Big Lost River (Summit Creek, about 8000 ft., Davis, *Recent Mammals of Idaho*, 1939: 254).
3. *gidleyi* Wilson, *Carnegie Inst. Wash., Publ.* 440: 122, 1933. Twin Falls Co., [across Snake River from] Hagerman [Gooding Co.]. Pliocene or Pleistocene.
4. *idahoensis* Merriam, *Proc. Biol. Soc. Wash.*, 14: 114, 1901. Birch Creek (= [Clark Co.], 10 mi. S. Nicholia [Lemhi Co.], Birch Creek, about 6400 ft., Bailey, *N. Amer. Fauna*, 39: 108, 1915).
5. *owyhensis* Davis, *Journ. Mammalogy*, 18: 154, 1937. Owyhee Co., 8 mi. S. Oreana, Castle Creek.
6. *pygmaeus* Merriam, *Proc. Biol. Soc. Wash.*, 14: 115, 1901. Montpelier Creek, 6700 ft. (= [Bear Lake Co.], about 10 mi. NE. Montpelier, 6600 ft., Bailey, *N. Amer. Fauna*, 39: 109, 1915).
7. *relacinus* Goldman, *Journ. Mammalogy*, 20: 239, 1939. [Minidoka Co. or Blaine Co.], Snake River Desert, 20 mi. N. Minidoka, Twin Springs.

8. *similis* Davis, *Journ. Mammalogy*, 18: 155, 1937. Bannock Co., Pocatello.
9. *townsendii* Bachman, *Journ. Acad. Nat. Sci. Phila.*, 8: 105, 1839. Columbia River (= [Canyon Co.], near Nampa, Bailey, *N. Amer. Fauna*, 39: 42, 1915).

LOWER (BAJA) CALIFORNIA

1. *abbotti* Huey, *Trans. San Diego Soc. Nat. Hist.*, 5: 89, 1928. 1 mi. E. Rosario, river bottom, lat., 30° 03' N., long., 115° 48' W.
2. *alticola* Allen, *Bull. Amer. Mus. Nat. Hist.*, 12: 13, 1899. Sierra Laguna, 7000 ft.
3. *anita* Allen, *Bull. Amer. Mus. Nat. Hist.*, 10: 146, 1898. Santa Anita.
4. *aphrastus* Elliot, *Field Columb. Mus.* (zool. ser.), 3: 219, 1903. 18 mi. S. Ensenada, Santo Tomás, 50–100 ft.
5. *cactophilus* Huey, *Trans. San Diego Soc. Nat. Hist.*, 5: 241, 1929. Punta Prieta, lat., 28° 56' N., long., 114° 12' W.
6. *catavinensis* Huey, *Trans. San Diego Soc. Nat. Hist.*, 7: 45, 1931. Cataviña, lat., 29° 54' N., long., 114° 57' W.
7. *imitabilis* Goldman, *Proc. Biol. Soc. Wash.*, 52: 30, 1939. La Paz.
8. *incomptus* Goldman, *Proc. Biol. Soc. Wash.*, 52: 29, 1939. About 25 mi. SW. Comondú, west of Pozo Grande, San Jorge, 50 ft.
9. *litoris* Burt, *Occ. Papers Mus. Zool. Univ. Mich.*, 424: 1, 1940. Magdalena Bay, Stearns Point.
10. *lucidus* Hall, *Proc. Biol. Soc. Wash.*, 45: 67, 1932. West side Laguna Salada, Las Palmas Canyon, 200 ft.
11. *magdalenae* Nelson and Goldman, *Proc. Biol. Soc. Wash.*, 22: 24, 1909. [West side] Magdalena Island.
12. *martirensis* Allen, *Bull. Amer. Mus. Nat. Hist.*, 10: 147, 1898. Sierra San Pedro Mártir, 8200 ft.
13. *russeolus* Nelson and Goldman, *Proc. Biol. Soc. Wash.*, 22: 25, 1909. San Angel [16 mi. WSW. San Ignacio].

MEXICO (STATE)

1. *peregrinus* Merriam, *Proc. Biol. Soc. Wash.*, 8: 146, 1893. Salazar (10,300 ft., Bailey, *N. Amer. Fauna*, 39: 91, 1915).
2. *toluca* Nelson and Goldman, *Journ. Mammalogy*, 15: 109, 1934. Volcan de Toluca, north slope, 9500 ft.
3. *vulcanius* Nelson and Goldman, *Journ. Mammalogy*, 15: 109, 1934. Volcan de Popocatepetl, 12,900 ft.

MONTANA

1. *bullatus* Bailey, *Proc. Biol. Soc. Wash.*, 27: 115, 1914. [Powder River Co.], Powderville.

2. *confinis* Davis, *Murrelet*, 18: 25, 1937. Ravalli Co., near Hamilton, Gird Creek.
3. *kelloggi* Goldman, *Journ. Mammalogy*, 20: 237, 1939. Park Co., 18 mi. SE. Livingston, Absaroka Mts., West Boulder Creek [= West Boulder River].
4. *pryori* Bailey, *Proc. Biol. Soc. Wash.*, 27: 116, 1914. [Carbon Co.], Pryor Mts., head of Sage Creek, 6000 ft.
5. *saturatus* Bailey, *Proc. Biol. Soc. Wash.*, 27: 117, 1914. [Mineral Co.], Coeur d'Alene Mts., near Saltese, Silver, 4300 ft.
6. *trivialis* Goldman, *Journ. Mammalogy*, 20: 236, 1939. [Sweetgrass Co.], Crazy Mts., Big Timber Creek [about 15 mi. NW. Big Timber], 5200 ft.

NAYARIT

1. *extimus* Nelson and Goldman, *Journ. Mammalogy*, 15: 119, 1934. Colomo [near Río de Ameca], 600 ft.
2. *musculus* Nelson and Goldman, *Journ. Mammalogy*, 15: 119, 1934. Sierra de Teponahuaxtla, 22 mi. E. [= 14 mi. ESE.] Acaponeta, Pedro Pablo, 3500 ft.
3. *sheldoni* Bailey, *N. Amer. Fauna*, 39: 93, 1915. Santa Teresa [40 mi. E. Acaponeta], 6800 ft.

NEVADA

1. *abstrusus* Hall and Davis, *Univ. Calif. Publ. Zool.*, 40: 391, 1935. Nye Co., 2 mi. SE. Tulle Peak, Fish Spring Valley, 7000 ft.
2. *bachmani* Davis, *Journ. Mammalogy*, 18: 150, 1937. Humboldt Co., Quinn River Crossing, 4100 ft.
3. *brevidens* Hall, *Univ. Calif. Publ. Zool.*, 38: 330, 1932. Nye Co., Kawich Range, Breen Creek, 7000 ft.
4. *canus* Bailey, *Proc. Biol. Soc. Wash.*, 23: 79, 1910. [Washoe Co.], north end Smoke Creek Desert, Deep Hole.
5. *centralis* Hall, *Univ. Calif. Publ. Zool.*, 32: 445, 1930. White Pine Co., 2½ mi. E. Baker, 1¼ mi. W. Nevada-Utah boundary on 39th parallel, 5700 ft.
6. *cinereus* Hall, *Univ. Calif. Publ. Zool.*, 38: 327, 1932. Lyon Co., West Walker River, Smiths Valley, 4700 ft.
7. *concorator* Hall and Davis, *Univ. Calif. Publ. Zool.*, 40: 390, 1935. Nye Co., Monitor Valley, Potts Ranch, 6900 ft.
8. *curtatus* Hall, *Univ. Calif. Publ. Zool.*, 38: 329, 1932. Nye Co., San Antonio, 5400 ft.
9. *depressus* Hall, *Univ. Calif. Publ. Zool.*, 38: 326, 1932. Churchill Co., south end Humboldt Salt Marsh, Dixie Meadows, 3500 ft.
10. *elkoensis* Davis, *Journ. Mammalogy*, 18: 151, 1937. Eureka Co., Evans.

11. *falcifer* Grinnell, *Univ. Calif. Publ. Zool.*, 30: 180, 1926. Nye Co., Reese River Valley, Bell's Ranch, 6890 ft.
12. *fumosus* Hall, *Univ. Calif. Publ. Zool.*, 38: 329, 1932. Nye Co., 19 mi. SE. Millet Post Office, Moores Creek, Milman Ranch.
13. *lacrymalis* Hall, *Univ. Calif. Publ. Zool.*, 38: 328, 1932. Esmeralda Co., Fish Lake Valley, Arlemont (= Chiatovitch Ranch), 4900 ft.
14. *latus* Hall and Davis, *Univ. Calif. Publ. Zool.*, 40: 393, 1935. White Pine Co., Cherry Creek, 6500 ft.
15. *lucrificus* Hall and Durham, *Proc. Biol. Soc. Wash.*, 51: 15, 1938. Churchill Co., Eastgate.
16. *nanus* Hall, *Univ. Calif. Publ. Zool.*, 38: 331, 1932. Nye Co., 5½ mi. NW. Whiterock Spring, south end Belted Range, 7200 ft.
17. *nevadensis* Merriam, *Proc. Biol. Soc. Wash.*, 11: 213, 1897. [Lander Co.], Austin (=5 mi. W. Austin, Reese River bottomlands, Bailey, *N. Amer. Fauna*, 39: 44, 1915).
18. *phelleoecus* Burt, *Journ. Mammalogy*, 14: 56, 1933. Clark Co., Sheep Mts., Hidden Forest [35 mi. N. Las Vegas], 8500 ft.
19. *solitarius* Grinnell, *Univ. Calif. Publ. Zool.*, 30: 177, 1926. Mineral Co., Stewart Valley, Finger-rock Wash [about 15 mi. ENE. Luning], 5400 ft.
20. *vescus* Hall and Davis, *Univ. Calif. Publ. Zool.*, 40: 389, 1935. Nye Co., Toquima Range, south slope Mt. Jefferson, 9000 ft.

NEW MEXICO

1. *apache* Bailey, *Proc. Biol. Soc. Wash.*, 23: 79, 1910. Jicarilla Apache Indian Res. [Rio Arriba Co.], Lake La Jara, 7500 ft.
2. *collis* Hooper, *Occ. Papers Mus. Zool. Univ. Mich.*, 422: 7, 1940. Valencia Co., 30 mi. S. Grants, Shuman's Ranch, T. 6 N., R. 10 W., Sec. 30, about 7500 ft.
3. *connectens* Hall, *Journ. Wash. Acad. Sci.*, 26: 296, 1936. Bernalillo Co., 5 mi. N. Albuquerque, Clawson Dairy, 4943 ft.
4. *emotus* Goldman, *Proc. Biol. Soc. Wash.*, 46: 76, 1933. Hidalgo Co., Animas Mts., Animas Peak, 8000 ft.
5. *mearnsi* Bailey, *Proc. Biol. Soc. Wash.*, 27: 117, 1914. [Grant Co.], Animas Valley, Gray's Ranch [about 5000 ft.].
6. *morulus* Hooper, *Occ. Papers Mus. Zool. Univ. Mich.*, 422: 9, 1940. Valencia Co., 8 mi. SE. Paxton, Bill Porter's Ranch, 7400 ft.
7. *opulentus* Goldman, *Proc. Biol. Soc. Wash.*, 48: 150, 1935. Sierra Co., Rio Grande, Las Palomas.
8. *paguatae* Hooper, *Occ. Papers Mus. Zool. Univ. Mich.*, 422: 4, 1940. Valencia Co., ½ mi. N. Cebolleta, about 6700 ft.
9. *pectoralis* Goldman, *Journ. Wash. Acad. Sci.*, 26: 120, 1936. Eddy Co. [Pecos River Valley], vicinity of Carlsbad Cave.

10. *pervagus* Merriam, *Proc. Biol. Soc. Wash.*, 14: 110, 1901. [Rio Arriba Co.], Española.
11. *planorum* Hooper, *Occ. Papers Mus. Zool. Univ. Mich.*, 422: 5, 1940. Valencia Co., 1½ mi. SW. San Mateo, about 7200 ft.
12. *ruidosae* Hall, *Proc. Biol. Soc. Wash.*, 45: 96, 1932. Lincoln Co., Ruidoso, 6700 ft.
13. *taylori* Hooper, *Occ. Papers Mus. Zool. Univ. Mich.*, 422: 11, 1940. Valencia Co., 6 mi. NE. summit Mt. Taylor, near Fernandez Summer Camp, about 8900 ft.
14. *tularosae* Hall, *Univ. Calif. Publ. Zool.*, 38: 411, 1932. Otero Co., ½ mi. W. Tularosa, Cook Ranch.

NORTH DAKOTA

1. *rufescens* Wied, *Nova acta phys. med.*, 19: 378, 1839. The Minnetaree Village (= Oliver Co., about 6 mi. S. Stanton, west side Missouri River, Old Fort Clark, Bailey, *N. Amer. Fauna*, 39: 98, 1915).

NUEVO LEON

1. *perditus* Merriam, *Proc. Biol. Soc. Wash.*, 14: 108, 1901. Lampazos [de Naranjo].

OREGON

1. *bulbivorus* Richardson, *Fauna Boreali-Americana*, 1: 206, 1829. Banks of Columbia River (= Oregon [Multnomah Co.], Portland, Bailey, *N. Amer. Fauna*, 39: 40, 1915).
2. *detumidus* Grinnell, *Univ. Calif. Publ. Zool.*, 40: 405, 1935. Curry Co., 1½ mi. S. Pistol River (the town), 250 ft.
3. *helleri* Elliot, *Field Columb. Mus. (zool. ser.)*, 3: 165, 1903. Curry Co., mouth Rogue River, Goldbeach.
4. *hesperus* Merriam, *Proc. Biol. Soc. Wash.*, 14: 116, 1901. [Tillamook Co.], Tillamook.
5. *leucodon* Merriam, *Proc. Biol. Soc. Wash.*, 11: 215, 1897. [Josephine Co.], Rogue River Valley, Grants Pass.
6. *mazama* Merriam, *Proc. Biol. Soc. Wash.*, 11: 214, 1897. [Klamath Co.], Mt. Mazama [near] Crater Lake [and Anna Spring], Anna Creek, 6000 ft.
7. *nasicus* Merriam, *Proc. Biol. Soc. Wash.*, 11: 216, 1897. Des Chutes River, Fairwell Bend [= Deschutes Co., Deschutes River, Bend (town), Goldman, *in litt.*].
8. *niger* Merriam, *Proc. Biol. Soc. Wash.*, 14: 117, 1901. [Douglas Co.], near mouth Umpqua River, Seaton [= 15 mi. E. mouth Siuslaw River, Mapleton].

9. *oregonus* Merriam, *Proc. Biol. Soc. Wash.*, 14: 115, 1901. [Clackamas Co.], Willamette Valley, Oregon City (=near Oregon City, Ely, Bailey, *N. Amer. Fauna*, 39: 117, 1915).
10. *quadratus* Merriam, *Proc. Biol. Soc. Wash.*, 11: 214, 1897. [Wasco Co.], The Dalles.
11. *scudderi* Hay, *Proc. U. S. Nat. Mus.*, 59: 614, 1921. [Lake Co.], Christmas Lake. Pleistocene.
12. *vetus* Davis, *Journ. Mammalogy*, 18: 156, 1937. Lake Co., Fossil Lake. Pleistocene.
13. *wallowa* Hall and Orr, *Proc. Biol. Soc. Wash.*, 46: 41, 1933. Union Co., 7 mi. E. Telocaset, Catherine Creek, 3500 ft.

PUEBLA

1. *martinensis* Nelson and Goldman, *Journ. Mammalogy*, 15: 108, 1934. San Martín Texmelucan, 7400 ft.
2. *orizabae* Merriam, *Proc. Biol. Soc. Wash.*, 8: 145, 1893. Volcan de Orizaba, about 9500 ft.
3. *umbrinus* Richardson, *Fauna Boreali-Americana*, 1: 202, 1829. Southwestern Louisiana, Cadadaguios (= Vera Cruz [probably Puebla], vicinity Boca del Monte, Bailey, *Proc. Biol. Soc. Wash.*, 19: 3, 1906).

SAN LUIS POTOSÍ

1. *atrodorsalis* Nelson and Goldman, *Journ. Mammalogy*, 15: 111, 1934. Alvarez [about 3 mi NNW. San Luis Potosí (city)], 8000 ft.
2. *potosinus* Nelson and Goldman, *Journ. Mammalogy*, 15: 111, 1934. About 20 mi. NE. San Luis Potosí, La Tinaja, 6000 ft.

SASKATCHEWAN

1. *borealis* Richardson, *Sixth Ann. Rept. Brit. Assn.*, 1836, 5: 150, 156, 1837. Plains of the Saskatchewan (= [North] Saskatchewan River, near Fort Carleton, Carlton House, Bailey, *N. Amer. Fauna*, 39: 96, 1915).
2. *talpoides* Richardson, *Zool. Journ.*, 3: 518, 1828. Hudson Bay (= [North] Saskatchewan River, near Fort Carlton, Carlton House, Bailey, *N. Amer. Fauna*, 39: 97, 1915).

SINALOA

1. *atrovarius* Allen, *Bull. Amer. Mus. Nat. Hist.*, 10: 148, 1898. Near Rosario, Tatemales.
2. *eximius* Nelson and Goldman, *Journ. Mammalogy*, 15: 118, 1934. 20 mi. NE. Choix, Sierra de Choix, 5000 ft.
3. *sinaloae* Merriam, *Proc. Biol. Soc. Wash.*, 14: 108, 1901. Altata.

SONORA

1. *basilicae* Benson and Tillotson, *Proc. Biol. Soc. Wash.*, 53: 93, 1940. 2 mi. W. Magdalena, La Misión.
2. *camoae* Burt, *Occ. Papers Mus. Zool. Univ. Mich.*, 344: 1, 1937. Río Mayo, Camoa.
3. *convergens* Nelson and Goldman, *Journ. Mammalogy*, 15: 123, 1934. Southwest [= about 40 mi. WSW.] Hermosillo, delta Río Sonora, Costa Rica Ranch.
4. *divergens* Nelson and Goldman, *Journ. Mammalogy*, 15: 122, 1934. Río Bavispe, 4 mi. W. Huachinera, 4000 ft.
5. *estanciae* Benson and Tillotson, *Proc. Biol. Soc. Wash.*, 52: 152, 1939. 6 mi. N. Nacori, La Estancia.
6. *occipitalis* Benson and Tillotson, *Proc. Biol. Soc. Wash.*, 52: 151, 1939. 2 mi. W. Magdalena, La Misión.
7. *simulus* Nelson and Goldman, *Journ. Mammalogy*, 15: 120, 1934. Álamos, 1200 ft.
8. *sonoriensis* Nelson and Goldman, *Journ. Mammalogy*, 15: 118, 1934. Río Sonora Valley, 10 mi. E. Chinapa, 3000 ft.
9. *vanrossemi* Huey, *Trans. San Diego Soc. Nat. Hist.*, 8: 1, 1934. Punta Peñascosa [= Punta Peñasca].
10. *winthropi* Nelson and Goldman, *Journ. Mammalogy*, 15: 122, 1934. Hermosillo.

TEXAS

1. *baileyi* Merriam, *Proc. Biol. Soc. Wash.*, 14: 109, 1901. [Hudspeth Co.], Sierra Blanca (railway station at junction of Texas Pacific and Southern Pacific railroads, Bailey, *N. Amer. Fauna*, 39: 87, 1915).
2. *confinalis* Goldman, *Journ. Wash. Acad. Sci.*, 26: 119, 1936. [Kerr Co. or Real Co.], 35 mi. E. Rocksprings [Edwards Co.], 2450 ft.
3. *guadalupensis* Goldman, *Journ. Wash. Acad. Sci.*, 26: 117, 1936. [Culberson Co.], Guadalupe Mts., McKittrick Canyon, 7800 ft.
4. *lachuguilla* Bailey, *Proc. Biol. Soc. Wash.*, 15: 120, 1902. [El Paso Co.], arid foothills near El Paso (= dry wash, 1 mi. NE. El Paso, Bailey, *N. Amer. Fauna*, 39: 88, 1915).
5. *limitaris* Goldman, *Journ. Wash. Acad. Sci.*, 26: 118, 1936. Brewster Co., 4 mi. W. Boquillas.
6. *limpiae* Blair, *Occ. Papers, Mus. Zool. Univ. Mich.*, 403: 2, 1939. Jeff Davis Co., 1 mi. N. Fort Davis, Limpia Canyon, 4700 ft.
7. *pervarius* Goldman, *Proc. Biol. Soc. Wash.*, 51: 57, 1938. Presidio Co., 35 mi. S. Marfa, Lloyd Ranch, 4200 ft.
8. *spatiosus* Goldman, *Proc. Biol. Soc. Wash.*, 51: 58, 1938. Brewster Co., Alpine, about 4500 ft.

9. *texensis* Bailey, *Proc. Biol. Soc. Wash.*, 15: 119, 1902. [Jeff Davis Co.], Davis Mts., head Limpia Creek [about 18 mi. WNW. Fort Davis], 5500 ft.

UTAH

1. *albicaudatus* Hall, *Univ. Calif. Publ. Zool.*, 32: 444, 1930. Utah Co., Provo, 4510 ft.
2. *aureiventris* Hall, *Univ. Calif. Publ. Zool.*, 32: 444, 1930. Box Elder Co., Kelton, 4225 ft.
3. *aureus* Allen, *Bull. Amer. Mus. Nat. Hist.*, 5: 49, 1893. Bluff City (= San Juan Co., Bluff, Bailey, *N. Amer. Fauna*, 39: 74, 1915).
4. *birdseyei* Goldman, *Proc. Biol. Soc. Wash.*, 50: 134, 1937. Washington Co., 5 mi. E. Pine Valley, Pine Valley Mts., 8300 ft.
5. *convexus* Durrant, *Proc. Biol. Soc. Wash.*, 52: 159, 1939. Millard Co., Delta Valley, east side Clear Lake, 4600 ft.
6. *dissimilis* Goldman, *Journ. Wash. Acad. Sci.*, 21: 425, 1931. Garfield Co., Henry Mts., east slope Mt. Ellen, 8000 ft.
7. *gracilis* Durrant, *Bull. Univ. Utah*, 29: 3, 1939. Box Elder Co., Raft River Mts., 17 mi. NW. Kelton, Pine Canyon, 6600 ft.
8. *levis* Goldman, *Journ. Wash. Acad. Sci.*, 28: 336, 1938. Sevier Co., Fish Lake Plateau, 5 mi. N. Fish Lake, Seven Mile Flat, 10,000 ft.
9. *minimus* Durrant, *Proc. Biol. Soc. Wash.*, 52: 161, 1939. Tooele Co., Great Salt Lake, Stansbury Island.
10. *moorei* Goldman, *Journ. Wash. Acad. Sci.*, 28: 335, 1938. Sanpete Co., 1 mi. S. Fairview, 6000 ft.
11. *nesophilus* Durrant, *Bull. Univ. Utah*, 27: 2, 1936. Davis Co., Great Salt Lake, Antelope Island.
12. *osgoodi* Goldman, *Journ. Wash. Acad. Sci.*, 21: 424, 1931. Wayne Co., Hanksville.
13. *parowanensis* Goldman, *Journ. Wash. Acad. Sci.*, 28: 334, 1938. Iron Co., Parowan Mts., Brian Head [Peak], 11,000 ft.
14. *planirostris* Burt, *Proc. Biol. Soc. Wash.*, 44: 38, 1931. Washington Co., Zion National Park.
15. *tivius* Durrant, *Bull. Univ. Utah*, 28: 5, 1937. Millard Co., 6 mi. E. Oak City, Oak Creek Canyon, 6000 ft.
16. *uinta* Merriam, *Proc. Biol. Soc. Wash.*, 14: 112, 1901. Uinta Mts. (= Summit Co., north base Gilbert Peak, 10,000 ft., Bailey, *N. Amer. Fauna*, 39: 113, 1915).
17. *wahwahensis* Durrant, *Bull. Univ. Utah*, 28: 3, 1937. Beaver Co., 30 mi. W. Milford, Wah Wah Springs, 6500 ft.

WASHINGTON

1. *badius* Goldman, *Journ. Mammalogy*, 20: 242, 1939. Chelan Co., Wenatchee.
2. *columbianus* Bailey, *Proc. Biol. Soc. Wash.*, 27: 117, 1914. Walla Walla Co., Touchet.
3. *couchi* Goldman, *Journ. Mammalogy*, 20: 243, 1939. Mason Co., 4 mi. N. Shelton.
4. *devexus* Hall and Dalquest, *Murrelet*, 20: 3, 1939. Grant Co., 1 mi. WSW. Neppel.
5. *douglasii* Richardson, *Fauna Boreali-Americana*, 1: 200, 1829. Near mouth of Columbia (= [Clarke Co.], Fort Vancouver, Bailey, *N. Amer. Fauna*, 39: 116, 1915).
6. *ericaeus* Goldman, *Journ. Mammalogy*, 20: 243, 1939. Douglas Co., 8 mi. SW. Waterville, Badger Mts., 3000 ft.
7. *immunis* Hall and Dalquest, *Murrelet*, 20: 4, 1939. Klickitat Co., 5 mi. S. Trout Lake.
8. *limosus* Merriam, *Proc. Biol. Soc. Wash.*, 14: 116, 1901. [Klickitat Co.], Gorge of Columbia, White Salmon.
9. *melanops* Merriam, *Proc. Biol. Soc. Wash.*, 13: 21, 1899. [Clallam Co.], Olympic Mts., timberline at head of Soledue River.
10. *myops* Merriam, *Proc. Biol. Soc. Wash.*, 14: 112, 1901. [Okanogan Co.], east base Cascade Range, Conconully.
11. *shawi* Taylor, *Proc. Biol. Soc. Wash.*, 34: 121, 1921. Pierce Co., [east slope] Mt. Rainier, Owyhigh Lakes, 5100 ft.
12. *tacomensis* Taylor, *Proc. Biol. Soc. Wash.*, 32: 169, 1919. Pierce Co., 6 mi. S. Tacoma.
13. *yakimensis* Hall and Dalquest, *Murrelet*, 20: 4, 1939. Yakima Co., Selah.
14. *yelmensis* Merriam, *Proc. Biol. Soc. Wash.*, 13: 21, 1899. [Thurston Co.], Yelm Prairie, Tenino.

WYOMING

1. *bridgeri* Merriam, *Proc. Biol. Soc. Wash.*, 14: 113, 1901. Fort Bridger (6 mi. SW. Old Fort Bridger, Harvey's Ranch on Smiths Fork, Bailey, *N. Amer. Fauna*, 39: 112, 1915) [= Uinta Co., 6 mi. SE. Fort Bridger, Smiths Fork, Harvey Ranch].
2. *caryi* Bailey, *Proc. Biol. Soc. Wash.*, 27: 115, 1914. [Big Horn Co.], Big Horn Mts., head of Trapper Creek, 9500 ft.
3. *clusius* Coues, *Proc. Acad. Nat. Sci. Phila.*, 1875: 138. [Carbon Co., 18 mi. SW. Rawlins], Rocky Mts., Bridger Pass.
4. *nebulosus* Bailey, *Proc. Biol. Soc. Wash.*, 27: 116, 1914. [Crook Co.],

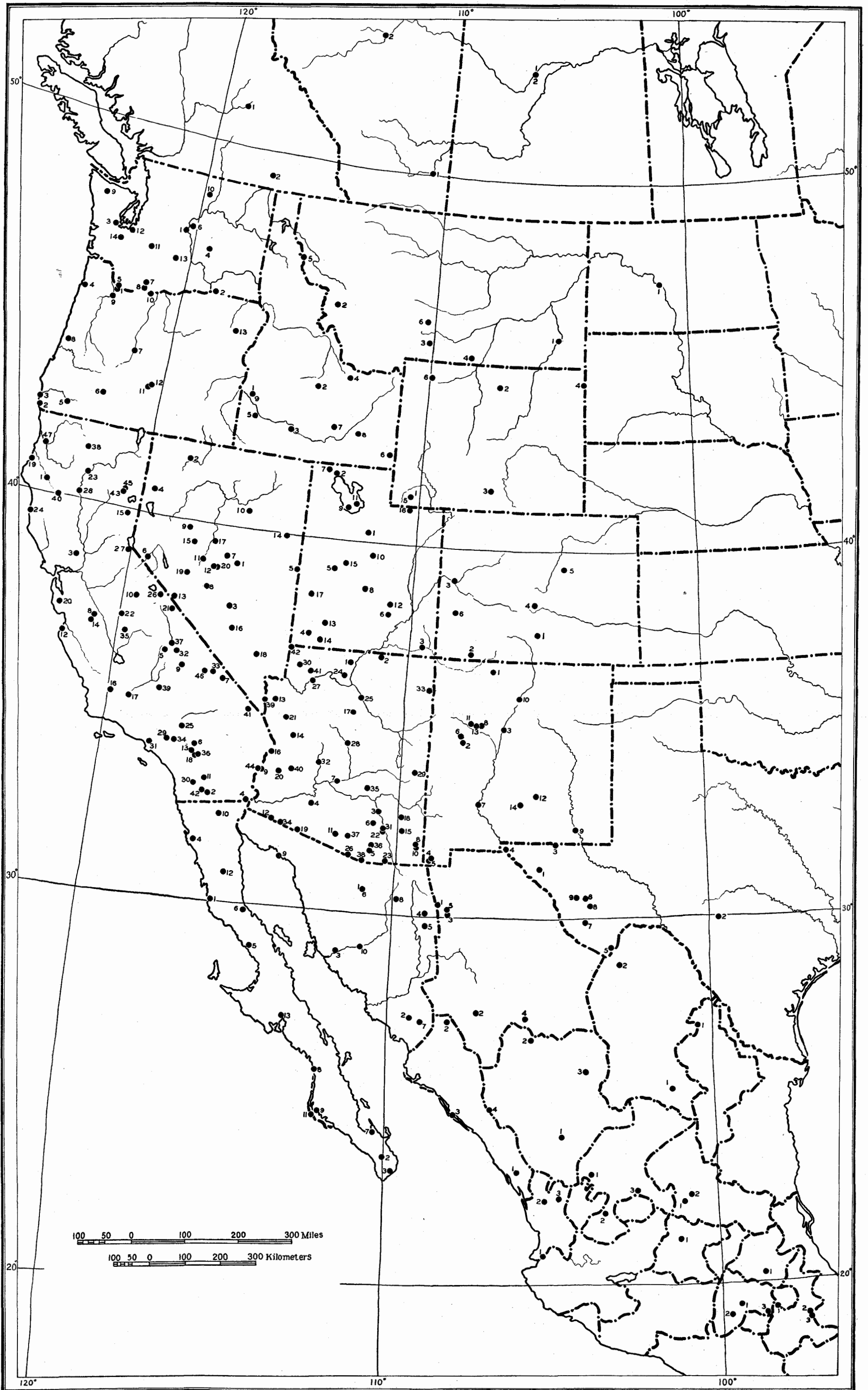
- Black Hills, 5 mi. above mouth Sand Creek Canyon, Jack Boyden's Ranch [15 mi. NE. Sundace], 3750 ft.
5. *ocius* Merriam, *Proc. Biol. Soc. Wash.*, 14: 114, 1901. Fort Bridger (= near Old Fort Bridger, 6 mi. SW. Fort Bridger, Smiths Fork, Harvey's Ranch, Bailey, *N. Amer. Fauna*, 39: 107, 1915) [= Uinta Co., 6 mi. SE. Fort Bridger, Smiths Fork, Harvey Ranch].
 6. *tenellus* Goldman, *Journ. Mammalogy*, 20: 238, 1939. Park Co., Absaroka Range, Whirlwind Peak, 10,500 ft.

ZACATECAS

1. *crassidens* Nelson and Goldman, *Journ. Mammalogy*, 15: 113, 1934. Sierra de Valparaiso [about 13 mi. W. Valparaiso, Goldman, *in litt.*], 8700 ft.
2. *enixus* Nelson and Goldman, *Journ. Mammalogy*, 15: 112, 1934. Sierra [de] Moroni, near Plateado [located in foothills at north end of Sierra de Moroni, Goldman, *in litt.*], 8500 ft.
3. *zacatecae* Nelson and Goldman, *Journ. Mammalogy*, 15: 112, 1934. Berriozábal, 6600 ft.

STATE UNCERTAIN

- borealis* Bachman, *Journ. Acad. Nat. Sci. Phila.*, 8: 103, 1839. Columbia River (= extreme southeastern Wyoming, northeastern Colorado, or southwestern Nebraska near Scott's Bluff, Bailey, *N. Amer. Fauna*, 39: 100, 1915).
- fuliginosus* Schinz, *Syn. Mamm.*, 2: 136, 1845. Columbia River.



MAP 1. Part of North America showing type localities of pocket gophers of the genus *Thomomys*.

No. 24. A Comparative Life History Study of the Mice of the Genus <i>Peromyscus</i>. By ARTHUR SVIHLA. (1932) Pp. 39	\$0.50
No. 25. The Moose of Isle Royale. By ADOLPH MURIE. (1934) Pp. 44, 7 plates	\$0.70
No. 26. Mammals from Guatemala and British Honduras. By ADOLPH MURIE. (1935) Pp. 30, 1 plate, 1 map insert	\$0.35
No. 27. The Birds of Northern Petén, Guatemala. By JOSSELYN VAN TYNE. (1935) Pp. 46, 2 plates, 1 map	\$0.45
No. 28. Fresh-water Fishes Collected in British Honduras and Guatemala. By CARL L. HUBBS. (1935) Pp. 22, 4 plates, 1 map	\$0.25
No. 29. A Contribution to a Knowledge of the Herpetology of a Portion of the Savanna Region of Central Petén, Guatemala. By L. C. STUART. (1935) Pp. 56, 4 plates, 1 figure, 1 map	\$0.50
No. 30. The Darters of the Genera <i>Hololepis</i> and <i>Villora</i>. By CARL L. HUBBS AND MOTT DWIGHT CANNON. (1935) Pp. 93, 3 plates, 1 figure	\$0.50
No. 31. Goniobasis of the Coosa River, Alabama. By CALVIN GOODRICH. (1936) Pp. 60, 1 plate, 1 figure	\$0.35
No. 32. Following Fox Trails. By ADOLPH MURIE. (1936) Pp. 45, 6 plates, 6 figures	\$1.00
No. 33. The Discovery of the Nest of the Colima Warbler (<i>Vermivora crissalis</i>). By JOSSELYN VAN TYNE. (1936) Pp. 11, colored frontis., 3 plates, 1 map	\$0.35
No. 34. Mollusca of Petén and North Alta Vera Paz, Guatemala. By CALVIN GOODRICH AND HENRY VAN DER SCHALIE. (1937) Pp. 50, 1 plate, 1 figure, 1 map	\$0.50
No. 35. A Revision of the Lamprey Genus <i>Ichthyomyzon</i>. By CARL L. HUBBS AND MILTON B. TRAUTMAN. (1937) Pp. 109, 2 plates, 5 figures, 1 map	\$2.00
No. 36. A Review of the Dragonflies of the Genera <i>Neurocordulia</i> and <i>Platycor-</i> <i>dulia</i>. By C. FRANCIS BYERS. (1937) Pp. 36, 8 plates, 4 maps	\$0.50
No. 37. The Birds of Brewster County, Texas. By JOSSELYN VAN TYNE AND GEORGE MIKSCH SUTTON. (1937) Pp. 115, colored frontis., 5 plates, 1 map	\$1.25
No. 38. Revision of <i>Sciurus variegatoides</i>, a Species of Central American Squir- rel. By WILLIAM P. HARRIS, JR. (1937) Pp. 42, 3 plates (2 colored), 3 figures, 1 map	\$0.50
No. 39. Faunal Relationships and Geographic Distribution of Mammals in Sonora, Mexico. By WILLIAM H. BURT. (1938) Pp. 77, 26 maps	\$0.75
No. 40. The Naiad Fauna of the Huron River, in Southeastern Michigan. By HENRY VAN DER SCHALIE. (1938) Pp. 83, 12 plates, 28 figures, 18 maps	\$1.00
No. 41. The Life History of Henslow's Sparrow, <i>Passerherbulus henslowi</i> (Aud- bon). By A. SIDNEY HYDE. (1939) Pp. 72, 4 plates, 3 figures, 1 map	\$0.75
No. 42. Studies of the Fishes of the Order Cyprinodontes. XVI. A Revision of the Goodeidae. By CARL L. HUBBS AND C. L. TURNER. (1939) Pp. 85, 5 plates	\$0.90
No. 43. Aquatic Mollusks of the Upper Peninsula of Michigan. By CALVIN GOODRICH AND HENRY VAN DER SCHALIE. (1939) Pp. 45, 2 maps	\$0.50
No. 44. The Birds of Buckeye Lake, Ohio. By MILTON B. TRAUTMAN. (1940) Pp. 466, 15 plates and a frontis., 2 maps	\$2.50
No. 45. Territorial Behavior and Populations of Some Small Mammals in South- ern Michigan. By WILLIAM H. BURT. (1940) Pp. 58, 2 plates, 8 figures, 2 maps	\$0.50
No. 46. A Contribution to the Ecology and Faunal Relationships of the Mam- mals of the Davis Mountain Region, Southwestern Texas. By W. FRANK BLAIR. (1940) Pp. 39, 3 plates, 1 map	\$0.35
No. 47. A Contribution to the Herpetology of the Isthmus of Tehuantepec. IV. By NORMAN HARTWEG AND JAMES A. OLIVER. (1940) Pp. 31	\$0.35
No. 48. A Revision of the Black Basses (<i>Micropterus</i> and <i>Huro</i>) with Descrip- tions of Four New Forms. By CARL L. HUBBS AND REEVE M. BAILEY. (1940) Pp. 51, 6 plates, 1 figure, 2 maps	\$0.75

- No. 49. **Studies on Neotropical Colubrinae. VIII. A Revision of the Genus *Dryadophis* Stuart.** By L. C. STUART. (1941) Pp. 106, 4 plates, 13 figures, 4 maps \$1.15
- No. 50. **A Contribution to the Knowledge of Variation in *Opheodrys vernalis* (Harlan), with the Description of a New Subspecies.** By ARNOLD B. GROBMAN. (1941) Pp. 37, 2 figures, 1 map \$0.35
- No. 51. **Mammals of the Lava Fields and Adjoining Areas in Valencia County, New Mexico.** By EMMET T. HOOPER. (1941) Pp. 47, 3 plates, 1 map. \$0.50
- No. 52. **Type Localities of Pocket Gophers of the Genus *Thomomys*.** By EMMET T. HOOPER. (1941) Pp. 26, 1 map \$0.25

Price lists are available for the *Occasional Papers*, *Handbook Series*, and *Circulars* of the Museum of Zoology.

