



<http://www.biodiversitylibrary.org>

A catalogue of the collection of mammals in the Field Columbian Museum.

Chicago :Field Columbian Museum,1907.

<http://www.biodiversitylibrary.org/bibliography/5572>

v.8(1907): <http://www.biodiversitylibrary.org/item/25986>

Page(s): Cover, Blank, Series title page , Page [i], Page [ii], Page [iii], Page [iv], Page 5, Fig. I, Page 180, Fig. XXIX, Page 181, Page 182, Page 183, Page 184, Page 185, Page 186, Page 187, Fig. XXX

Contributed by: The Field Museum

Sponsored by: University of Illinois Urbana-Champaign

Generated 25 December 2010 2:12 AM

<http://www.biodiversitylibrary.org/pdf3/005213500025986>

This page intentionally left blank.

Field Museum of Natural History
LIBRARY
Chicago

From _____

Class 119.15 Book F.452

PUBLICATIONS
OF THE
FIELD COLUMBIAN MUSEUM

ZOÖLOGICAL SERIES
VOL. VIII.



46265
CHICAGO, U. S. A.
1907.

QL
71
.3
C45f

CLM
MUSEUM

FIELD COLUMBIAN MUSEUM

PUBLICATION No. 115

ZOOLOGICAL SERIES

VOL. VIII

A CATALOGUE
OF THE
COLLECTION OF MAMMALS
IN THE
FIELD COLUMBIAN MUSEUM

BY

DANIEL GIRAUD ELLIOT, SC. D., F. R. S. E., &c.
Honorary and Supervisory Curator of the Department.



CHICAGO, U. S. A.
1907.

CHAPMAN'S OPOSSUM.

1. Adult ♀ Paratype. Exch. Caura, Trinidad. Am. Mus. Nat. Hist. N. Y. F. M. Chapman.
- 2-3. Adult ♂ Exch. Princetown, Trinidad. Am. Mus. Nat. Hist. N. Y. F. M. Chapman.

Genus 4. **Caluromys.**

Caluromys Allen, Bull. Am. Mus. Nat. Hist. N. Y., 1900, p. 189.
Type *Didelphis! philander* Linnæus.

a. Caluromys laniger pallidus (Thomas).

Philander laniger pallidus Thos., Ann. Mag. Nat. Hist., 7th Ser., IV, 1899, p. 286.



FIG. 1. CALUROMYS DERBIANUS. EARL OF DERBY'S OPOSSUM.

Caluromys laniger pallidus Allen, Bull. Am. Mus. Nat. Hist. N. Y., 1900, p. 189. Elliot, Mamm. Middle Amer. & W. Indies, F. C. M. Pub., IV, Pt. 1, 1904, p. 10. Zoöl. Ser. *Id.* Check-L. Mamm. N. Amer. Cont. & W. Indies, F. C. M. Pub., VI, 1905, p. 4. Zoöl. Ser.

PALE WOOLLY OPOSSUM.

1. Adult — P. Honduras. Ward's Nat. Scien. Establ., Rochester, N. Y.

Genus 5. **Metachirus.**

Metachirus Burm., Syst. Uebers. Thier. Bras., I, 1854, p. 135. Type *Didelphys nudicaudata* E. Geoffroy.

RING-TAILED SPERMOPHILE.

1. Adult ♂ Exch. Nogueras, State of Colima, Mexico. Am. Mus. Nat. Hist. N. Y. A. Buller.

Genus 105. **Cynomys. Prairie-dogs.**

Cynomys Rafin., Am. Month. Mag., II, 1817, p. 45. Type *Arctomys ludovicianus* Ord.

Anisonyx Rafin., Am. Month. Mag., II, 1817, p. 45. (nec Latreille, 1807, Coleopt.)

Monax Warden, Statist. Polit. Hist. Acc. U. S., I, 1819, pp. 225-228.

303. Cynomys ludovicianus (Ord).

Arctomys ludovicianus Ord, Guth. Geogr., 2nd Amer. ed., II, 1815, p. 292.

Cynomys socialis Rafin., Am. Month. Mag., II, 1817, p. 45.

Cynomys grisea Rafin., Am. Month. Mag., II, 1817, p. 45.

Arctomys missouriensis Warden, Desc. États Unis, v, 1820, p. 627.

Arctomys latrans Harlan, Faun. Am., 1825, p. 306.

Cynomys ludovicianus Elliot, Syn. N. Am. Mamm., F. C. M. Pub., II, 1901, p. 102, fig. 23. Zoöl. Ser. *Id.* Mamm. Middle Amer.



FIG. XXIX. *CYNOMYS LUDOVICIANUS*. PRAIRIE-DOG.

& W. Indies, F. C. M. Pub., iv, Pt. 1, 1904, p. 155, figs. 28, xxxii. Zoöl. Ser. *Id.* Check-L. Mamm. N. Amer. Cont. & W. Indies, F. C. M. Pub., vi, 1905, p. 117. Zoöl. Ser.

PRAIRIE-DOG. *Perrito, Perrito del Campo* in Mexico.

1. Adult ♂ P. Rockvale, Colorado. C. K. Mason.
- 2-4. Adult ♀ P. Rockvale, Colorado. C. K. Mason.
5. Adult ♂ P. Fremont County, Colorado. C. K. Mason.
6. Adult ♂ Exch. Pine Ridge Ind. Reserv., South Dakota. Am. Mus. Nat. Hist. N. Y. W. W. Granger.
7. Adult ♂ Exch. Neutral Strip, Indian Territory. Am. Mus. Nat. Hist. N. Y. Richardson.
8. Adult ♂ Exch. Beaver River, Oklahoma Territory. Am. Mus. Nat. Hist. N. Y. Richardson.
- 9-12. Adult — P. Group mounted. Ward's Nat. Scien. Establ., Rochester, N. Y.

304. *Cynomys pyrrotrichus* Elliot.

Cynomys pyrrotrichus Elliot, Proc. Biol. Soc. Wash., xviii, 1905, p. 139.

RED PRAIRIE-DOG.

- 1-2. Adult ♂ Paratypes. Coll. White Horse Spring, Oklahoma Territory. T. Surber.
- 3-6. Adult ♀ Type & paratypes. Coll. White Horse Spring, Oklahoma Territory. T. Surber.

305. *Cynomys arizonensis* Mearns.

Cynomys arizonensis Mearns, Bull. Am. Mus. Nat. Hist. N. Y., 1890, p. 305. Elliot, Syn. N. Am. Mamm., F. C. M. Pub., ii, 1901, p. 104. Zoöl. Ser. *Id.* Mamm. Middle Amer. & W. Indies, F. C. M. Pub., iv, Pt. 1, 1904, p. 154. Zoöl. Ser. *Id.* Check-L. Mamm. N. Amer. Cont. & W. Indies, F. C. M. Pub., vi, 1905, p. 118. Zoöl. Ser.

ARIZONA PRAIRIE-DOG.

1. Adult ♀ Exch. Northern part of State of Sonora, Mexico. Am. Mus. Nat. Hist. N. Y. E. Robinette.
2. Adult — Exch. San Diego, State of Chihuahua, Mexico. Am. Mus. Nat. Hist. N. Y. E. Robinette.
3. Adult ♂ P. Huachuca Mountains, Arizona. Price & Condit.
4. Adult ♂ P. San Francisco Mountains, Arizona. F. Stephens.

306. *Cynomys gunnisoni* (Baird).

Spermophilus gunnisoni Baird, Proc. Acad. Nat. Scien. Phil., 1855, p. 334.

Cynomys gunnisoni Elliot, Syn. N. Am. Mamm., F. C. M. Pub.,

11, 1901, p. 103. Zoöl. Ser. *Id.* Mamm. Middle Amer. & W. Indies, F. C. M. Pub., IV, Pt. 1, 1904, p. 156. Zoöl. Ser. *Id.* Check-L. Mamm. N. Amer. Cont. & W. Indies, F. C. M. Pub., VI, 1905, p. 118. Zoöl. Ser.

GUNNISON'S PRAIRIE-DOG.

- 1-3. Adult ♂ P. Fremont County, Colorado. C. K. Mason.
4. Adult ♂ P. Boulder, Colorado. R. T. Young.
5. Adult ♂ Exch. Flagstaff, Arizona. Am. Mus. Nat. Hist. N. Y. E. A. Mearns.

Genus 106. **Marmota. Woodchucks.**

Marmota Frisch, Das Nat.-Syst. vierfüß. Thiere, in Tabellen, 9, Tab. Gen., 1775. Type ———?

Mus Linn., Syst. Nat., 1, 1758, p. 60. (Part.)

Glis Erxleb., Syst. Regn. Anim., 1777, p. 358. (Part.)

Arctomys Schreb., Säugth., IV, 1782, pp. 721-743, pls. CCVII-CCXI, 1780.

Lipura Illig., Prodr. Syst. Mamm. et Av., 1811, p. 95.

307. Marmota monax (Linnæus).

Mus monax Linn., Syst. Nat., 1, 1758, p. 60.

Arctomys monax Elliot, Syn. N. Am. Mamm., F. C. M. Pub., II, 1901, p. 105, fig. 24. Zoöl. Ser.

Marmota monax Elliot, Check-L. Mamm. N. Amer. Cont. & W. Indies, F. C. M. Pub., VI, 1905, p. 119. Zoöl. Ser.

WOODCHUCK.

1. Adult ♂ Exch. Hastings, New York. Am. Mus. Nat. Hist. N. Y. J. Rowley.
2. Adult ♀ Exch. Suffolk County, L. Island, New York. Am. Mus. Nat. Hist. N. Y.
3. Adult ♀ P. Marysville, West Virginia. T. Surber.
4. Adult ♀ Pres. Willow Springs, Illinois. W. J. Gerhard.
5. Adult ♂ Pres. Hicksville, Ohio. H. Meek.
- 6-7. Adult ♂ Exch. Fort Snelling, Minnesota. Am. Mus. Nat. Hist. N. Y. E. A. Mearns.
8. Juv. ♂ Exch. Fort Snelling, Minnesota. Am. Mus. Nat. Hist. N. Y. E. A. Mearns.
- 9-12. Adult — Group mounted. P. New York. Ward's Nat. Scien. Establ., Rochester, N. Y.
13. Adult — P. Saranac Lake, New York. Ward's Nat. Scien. Establ., Rochester, N. Y.

14. Adult — Albino. Pres. ———? E. E. Ayer.

15. Adult ♀ Coll. Fox Lake, Illinois. L. Pray.

a. Marmota monax canadensis (Erxleben).

Glis canadensis Erxleb., Syst. Regn. Anim., 1777, p. 363.

Mus empetra Pallas, Nov. Spec. Quad. Glir. Ord., 1778, p. 75.

Arctomys melanopus Kuhl, Beitr. Zool., 1820, p. 64.

Arctomys monax canadensis Elliot, Syn. N. Am. Mamm., F. C. M. Pub., 11, 1901, p. 106. Zoöl. Ser.

Marmota monax canadensis Elliot, Check-L. Mamm. N. Amer. Cont. & W. Indies, F. C. M. Pub., VI, 1905, p. 120. Zoöl. Ser.

CANADIAN WOODCHUCK.

1-3. Adult ♂ Coll. Murray Bay, Province of Quebec, Canada. T. Surber.

4-7. Adult ♀ Coll. Murray Bay, Province of Quebec, Canada. T. Surber.

308. Marmota flaviventer (Audubon & Bachman).

Arctomys flaviventer Aud. & Bachm., Proc. Acad. Nat. Scien. Phil., 1841, p. 99. Elliot, Syn. N. Am. Mamm., F. C. M. Pub., 11, 1901, p. 106. Zoöl. Ser.

Marmota flaviventer Elliot, Check-L. Mamm. N. Amer. Cont. & W. Indies, F. C. M. Pub., VI, 1905, p. 120. Zoöl. Ser.

YELLOW-BELLIED WOODCHUCK.

1-2. Juv. ♂ P. Pyramid Peak, Eldorado County, California. W. W. Price.

3-4. Juv. ♀ P. Pyramid Peak, Eldorado County, California. W. W. Price.

5-6. Adult ♂ Coll. Big Cottonwood Meadows, Mt. Whitney, California. E. Heller.

7-8. Adult ♀ Coll. Big Cottonwood Meadows, Mt. Whitney, California. E. Heller.

9-13. Adult ♂ Coll. Ramshaw Meadows, Mt. Whitney, California. E. Heller.

14-16. Adult ♀ Coll. Ramshaw Meadows, Mt. Whitney, California. E. Heller.

17. Adult ♂ P. Echo Lake, Eldorado County, California. W. W. Price.

18. Adult ♂ P. Silver Lake, Amador County, California. W. W. Price.

19. Adult ♂ P. Boulder, Colorado. R. T. Young.

20. Adult ♀ P. Boulder, Colorado. R. T. Young.

21-22. Adult ♂ P. Midway, Kettle River, British Columbia, Canada. G. F. Dippie.

23. Adult ♀ P. Midway, Kettle River, British Columbia, Canada. G. F. Dippie.
24. Adult ♀ P. Mt. Siegel, Douglas County, Nevada. W. W. Price.
25. Juv. ♂ P. Winter's Mine, Douglas County, Nevada. W. W. Price.
26. Adult ♀ P. Red Deer, Alberta, Canada. G. F. Dippie.
27. Adult ♂ P. Upper Klamath Lake, Oregon. A. Forrer.
28. Adult ♀ P. Upper Klamath Lake, Oregon. A. Forrer.
- 29-31. Juv. — P. Upper Klamath Lake, Oregon. A. Forrer.

309. *Marmota olympus* (Merriam).

Arctomys olympus Merr., Proc. Acad. Nat. Scien. Phil., 1898, p. 352. Elliot, Syn. N. Am. Mamm., F. C. M. Pub., II, 1901, p. 107. Zoöl. Ser.

Marmota olympus Elliot, Check-L. Mamm. N. Amer. Cont. & W. Indies, F. C. M. Pub., VI, 1905, p. 121. Zoöl. Ser.

OLYMPIC MOUNTAINS WOODCHUCK.

- 1-4. Adult ♂ Coll. Happy Lake, Olympic Mountains, Clallam County, Washington. D. G. Elliot.
5. Juv. ♂ Coll. Happy Lake, Olympic Mountains, Clallam County, Washington. D. G. Elliot.
6. Adult ♀ Coll. Happy Lake, Olympic Mountains, Clallam County, Washington. D. G. Elliot.
7. Adult ♀ Coll. Boulder Lake, Olympic Mountains, Clallam County, Washington. D. G. Elliot.

Subfamily III. **Pteromyinæ.**

Genus 107. **Sciuropterus. Flying Squirrels.**

Sciuropterus F. Cuv., Dents Mammifères, 1825, pp. 161-162, 225, pl. 56. Type *Sciurus volans* Linnæus.

310. *Sciuropterus alpinus* (Richardson).

Pteromys alpinus Rich., Zoöl. Jour., III, 1828, p. 519.

Pteromys sabrinus var. *β alpinus* Rich., Faun. Bor. Amer., Mamm., I, 1829, p. 195, pl. 16.

Sciuropterus volans alpinus Elliot, Syn. N. Am. Mamm., F. C. M. Pub., II, 1901, p. 109. Zoöl. Ser.

Sciuropterus alpinus Elliot, Check-L. Mamm. N. Amer. Cont. & W. Indies, F. C. M. Pub., VI, 1905, p. 121. Zoöl. Ser.

RICHARDSON'S FLYING SQUIRREL.

1. Adult ♂ P. Alberta, Canada. G. F. Dippie.

a. *Sciuropterus alpinus oregonensis* (Bachman).

Pteromys oregonensis Bachm., Jour. Acad. Nat. Scien. Phil., 1839, p. 101.

Sciuropterus volans oregonensis Elliot, Syn. N. Am. Mamm., F. C. M. Pub., 11, 1901, p. 110. Zoöl. Ser.

Sciuropterus alpinus oregonensis Elliot, Check-L. Mamm. N. Amer. Cont. & W. Indies, F. C. M. Pub., VI, 1905, p. 122. Zoöl. Ser.

OREGON FLYING SQUIRREL.

1. Adult ♀ Coll. Goldbeach, Oregon. E. Heller.

b. *Sciuropterus alpinus olympicus* Elliot.

Sciuropterus alpinus olympicus Elliot, Pub. Field Columb. Mus., 1, 1899, p. 225. Zoöl. Ser. *Id.* Check-L. Mamm. N. Amer. Cont. & W. Indies, F. C. M. Pub., VI, 1905, p. 123. Zoöl. Ser.

Sciuropterus volans olympicus Elliot, Syn. N. Am. Mamm., F. C. M. Pub., 11, 1901, p. 110. Zoöl. Ser.

OLYMPIC MOUNTAINS FLYING SQUIRREL.

- 1-2. Adult ♂ Type. Coll. Happy Lake, Olympic Mts., Clallam County, Washington. D. G. Elliot.

3. Adult ♀ Paratype. Coll. Happy Lake, Olympic Mts., Clallam County, Washington. D. G. Elliot.

4. Adult ♂ Coll. Boulder Lake, Olympic Mts., Clallam County, Washington. D. G. Elliot.

c. *Sciuropterus alpinus klamathensis* Merriam.

Sciuropterus alpinus klamathensis Merr., Proc. Biol. Soc. Wash., XI, 1897, p. 225. Elliot, Check-L. Mamm. N. Amer. Cont. & W. Indies, F. C. M. Pub., VI, 1905, p. 123. Zoöl. Ser.

Sciuropterus volans klamathensis Elliot, Syn. N. Am. Mamm., F. C. M. Pub., 11, 1901, p. 111. Zoöl. Ser.

KLAMATH FLYING SQUIRREL.

1. Adult ♀ P. Upper Klamath Lake, Oregon. A. Forrer.

d. *Sciuropterus alpinus fuliginosus* Rhoads.

Sciuropterus alpinus fuliginosus Rhoads, Proc. Acad. Nat. Scien. Phil., 1897, p. 321. Elliot, Check-L. Mamm. N. Amer. Cont. & W. Indies, F. C. M. Pub., VI, 1905, p. 123. Zoöl. Ser.

Sciuropterus volans fuliginosus Elliot, Syn. N. Am. Mamm., F. C. M. Pub., 11, 1901, p. 111. Zoöl. Ser.

DUSKY FLYING SQUIRREL.

1. Adult ♂ Exch. Seattle, Washington. University of Washington. E. C. Starks.

2. Adult ♀ P. Cariboo, British Columbia, Canada. C. K. Worthern.

311. *Sciuropterus sabrinus* (Shaw).

Sciurus hudsonius Gmel., Syst. Nat., 1, 1788, p. 153. (nec Pallas.)

Sciurus sabrinus Shaw, Gen. Zoöl., 1, 1801, p. 157.

Sciurus acrobates Wagn., Schreb. Säugth., Suppl., IV, 1843, p. 231, pl. CCXXII B.

Sciuropterus sabrinus Elliot, Syn. N. Am. Mamm., F. C. M. Pub., 11, 1901, p. 107. Zoöl. Ser. *Id.* Check-L. Mamm. N. Amer.

Cont. & W. Indies, F. C. M. Pub., VI, 1905, p. 124. Zoöl. Ser.

BOREAL FLYING SQUIRREL.

1. Adult ♀ Coll. Lake Edward, Province of Quebec, Canada. L. Kenkel.
2. Adult ♂ Coll. Trout Creek, Province of Ontario, Canada. L. Kenkel.
3. Adult ♀ Coll. Trout Creek, Province of Ontario, Canada. L. Kenkel.
- 4-5. Adult ♂ P. Gooderham, Province of Ontario, Canada. G. F. Dippie.
- 6-8. Adult ♀ P. Gooderham, Province of Ontario, Canada. G. F. Dippie.
9. Adult ♂ P. Portage la Prairie, Manitoba. G. F. Dippie.
- 10-11. Adult ♀ P. Portage la Prairie, Manitoba. G. F. Dippie.
12. Adult ♂ Pres. Canada! C. E. Akeley.

312. *Sciuropterus nigripes* Thomas.

Sciuropterus nigripes Thos., Ann. Mag. Nat. Hist., 6th Ser., XII, 1893, p. 30.

BLACK-FOOTED FLYING SQUIRREL.

1. Adult ♀ P. Palawan, Philippine Islands. E. Gerrard & Sons. A. Everett.

313. *Sciuropterus volans* (Linnæus).

Mus volans Linn., Syst. Nat., 1, 1758, p. 63. (*Mus* nec *Sciurus*, p. 88.)

Sciurus volucella Pallas, Nov. Spec. Quad. Glir. Ord., 1778, p. 351.

Sciuropterus volans Elliot, Syn. N. Am. Mamm., F. C. M. Pub., 11, 1901, p. 109, fig. 25. Zoöl. Ser. *Id.* Mamm. Middle Amer. & W. Indies, F. C. M. Pub., IV, Pt. 1, 1904, p. 158, figs. 29, XXXIII. Zoöl. Ser. *Id.* Check-L. Mamm. N. Amer. Cont. & W. Indies, F. C. M. Pub., VI, 1905, p. 125. Zoöl. Ser.



FIG. XXX. SCIUROPTERUS VOLANS. COMMON FLYING SQUIRREL.

COMMON FLYING SQUIRREL.

1. Adult ♂ Exch. Millerplace, Long Island, New York. Am. Mus. Nat. Hist. N. Y. A. Helme.
2. Adult ♂ Exch. Ardsley, New York. Am. Mus. Nat. Hist. N. Y. C. P. Rowley.
3. Adult ♂ Exch. Highland Falls, New York. Am. Mus. Nat. Hist. N. Y. C. P. Streator.
4. Adult ♂ Coll. White Sulphur Springs, West Virginia. T. Surber.
5. Adult ♀ Coll. White Sulphur Springs, West Virginia. T. Surber.
6. Adult ♀ Exch. Raleigh, North Carolina. Am. Mus. Nat. Hist. N. Y. C. S. Brimley.
7. Adult ♀ Coll. Apex, North Carolina. T. Surber.
- 8-10. Adult ♂ Coll. Calhoun Falls, South Carolina. T. Surber.
- 11-13. Adult ♀ Coll. Calhoun Falls, South Carolina. T. Surber.
14. Adult ♀ Coll. St. Marys, Georgia. T. Surber.
15. Adult ♀ Pres. Willow Springs, Illinois. W. J. Gerhard.
16. Adult ♂ Pres. Laporte, Indiana. C. M. Barber.
17. Adult — Pres. Kankakee Marshes, Indiana. W. J. Wisdom.
18. Adult ♀ Exch. Ravenna, Ohio. Am. Mus. Nat. Hist. N. Y. C. P. Streator.
19. Adult ♀ P. Knoxville, Iowa. G. K. Cherrie.
20. Adult — Exch. New York. Am. Mus. Nat. Hist. N. Y.

The following text is generated from uncorrected OCR.

[Begin Page: Cover]

[Begin Page: Blank]

^

m.

i^

\^y^r':

\3

_ ^.

^•^v?

ls: ^

i

^^.

A^

• lff' '^14^

j'^^^^^i^ 3Pi?Ui liufifum Of Natural ^iHtorg r;^<^^:r"<^'

J LIBRARY ^ '>^ .; . ^

3Frdni

Sank 51 4e' "5 X, k'-\ ._^//. . k^

... ... h":^--;!\\^

^t~

m-

*\

""""^^

^^A

^igf^---

^: ^

i: ^

[Begin Page: Series title page , Page [i]]

PUBLICATIONS

FIELD COLUMBIAN MUSEUM

Zoological Series

Vol. VIII.

;•' Z' •

Chicago, U. S. A.

1907.

[Begin Page: Page [ii]]

7/

[Begin Page: Page [iii]]

Field Columbian Museum

Publication No. 115

Zoological Series

Vol. VIII

A CATALOGUE

OF THE

COLLECTION OF MAMMALS

IN THE

FIELD COLUMBIAN MUSEUM

BY

Daniel Giraud Elliot, Sc. D., F. R. S. E., &c.

Honorary and Supervisory Curator of the Department.

Chicago, U. S. A.

1907.

[Begin Page: Page [iv]]

[Begin Page: Page 5, Fig. I]

MARMOSA.

CALUROMYS.

METACHIRU8.

Chapman's Opossum.

I. Adult ? Paratype. Exch. Caura, Trinidad. Am. Mus.

Nat. Hist. N. Y.- F. M. Chapman.

2-3. Adult c? Exch. Princetown, Trinidad. Am. Mus. Nat.

Hist. N. Y. F. M. Chapman.

Genus 4. Caluroiiiys.

Caluromys Allen, Bull. Am. Mus. Nat. Hist. N. Y., 1900, p. 189.

Type Didelphis! philander Linnaeus.

a. *Caluromys lanigeri* palli flits (Thomas).

Philander laniger pallidus Thos., Ann. Mag. Nat. Hist., 7th Ser.,
IV, 1899, p. 286.

Fig. I. *Caluromys derbianus*. Earl of Derby's Opossum.

Caluromys laniger pallidus Allen, Bull. Am. Mus. Nat. Hist. N. Y.,
1900, p. 189. Elliot, Mamm. Middle Amer. & W. Indies,
F. C. M. Pub., IV, Pt. I, 1904, p. 10. Zool. Ser. Id.
Check-L. Mamm. N. Amer. Cont. & W. Indies, F. C. M. Pub..
VI, 1905, p. 4. Zool. Ser.
Pale Woolly Opossum.

I. Adult — P. Honduras. Ward's Nat. Scien. Establ.. Rochester,
N. Y.

Genus 5. *Metachirus*.

Metachirus Burm., Syst. Uebers. Thier. Bras., i, 1854, p. 135.

Didelphys nudicaudata E. Geoff roy.

Type

[Begin Page: Page 180, Fig. XXIX]

CITELLUS.

CYNOMYS.

Ring-tailed Spermophile.

I. Adult cJ* Exch. Noguerras, State of Colima, Mexico. Am.

Mus. Nat. Hist. N. Y. A. Duller.

Genus 105. Cynoiuys. Prairie-dogs.

Cynomys Rafin., Am. Month. Mag., 11, 1817, p. 45. Type Arctomys

ludovicianus Ord.

Anisonyx Rafin., Am. Month. Mag., 11, 1817, p. 45. (nee Latreille,

1807, Coleopt.)

Monax Warden, Statist. Polit. Hist. Ace. U. S., i, 1819, pp. 225-

228.

303. Cynomys ludovicianus (Ord).

Arctomys ludovicianus Ord, Guth. Geogr., 2nd Amer. ed., 11, 1815,

p. 292.

Cynomys socialis Rafin., Am. Month. Mag., 11, 1817, p. 45.

Cynomys grisea Rafin., Am. Month. Mag., 11, 1817, p. 45.

Arctomys missouriensis Warden, Desc. Etats Unis, v, 1820, p.

627.

Arctomys latrans Harlan, Faun. Am., 1825, p. 306.

Cynomys ludovicianus Elliot, Syn. N. Am. Mamm., F. C. M. Pub.,

II, 1901, p. 102, fig. 23. Zool. Ser. Id. Mamm. Middle Amer.

Fig. XXIX. *Cynomys ludovicianus*. Prairie-dog.

[Begin Page: Page 181]

CYNOMYS. 181

& W. Indies, F. C. M. Pub., iv, Pt. i, 1904, p. 155, figs. 28,

XXXII. Zool. Ser. Id. Check-L. Mamm. N. Amer. Cont. &

W. Indies, F. C. M. Pub., vi, 1905, p. 117. Zool. Ser.

Prairie-dog. Perrito, Perrito del Campo in Mexico.

1. Adult (J* P. Rockvale, Colorado. C. K. Mason.

2-4. Adult 9 P. Rockvale, Colorado. C. K. Mason.

5. Adult (^ P. Fremont County, Colorado. C. K. Mason.

6. Adult d* Exch. Pine Ridge Ind. Reserv., South Dakota.

Am. Mus. Nat. Hist. N. Y. W. W. Granger.

7. Adult c? Exch. Neutral Strip, Indian Territory. Am.

Mus. Nat. Hist. N. Y. Richardson.

8. Adult d^ Exch. Beaver River, Oklahoma Territory. Am.

Mus. Nat. Hist. N. Y. Richardson.

9-12. Adult — P. Group mounted. Ward's Nat. Scien. Establ.,
Rochester, N. Y.

304. *Cynomys pyrrotrichus* Elliot.

Cynomys pyrrotrichus Elliot, Proc. Biol. Soc. Wash., xviii, 1905,
p. 139.

Red Prairie-dog.

1-2. Adult c5^ Paratypes. Coll. -White Horse Spring, Oklahoma

Territory. T. Surber.

3-6. Adult ? Type & paratypes. Coll. White Horse Spring, Okla-
homa Territory. T. Surber.

305. *Cynomys arizonensis* Meams.

Cynomys arizonensis Meams, Bull. Am. Mus. Nat. Hist. N. Y.,
1890, p. 305. Elliot, Syn. N. Am. Mamm., F. C. M. Pub., 11,
1901, p. 104. Zool. Ser. Id. Mamm. Middle Amer. & W. In-

dies, F. C. M. Pub., IV, Pt. I, 1904, p. 154. Zool. Ser. Id.

Check-L. Mamm. N. Amer. Cont. & W. Indies, F. C. M. Pub.,
VI, 1905, p 118. Zool. Ser.

Arizona Prairie-dog.

1. Adult 9 Exch. Northern part of State of Sonora, Mexico.

Am. Mus. Nat. Hist. N. Y. E. Robinette.

2. Adult — Exch. San Diego, State of Chihuahua, Mexico. Am.

Mus. Nat. Hist. N. Y. E. Robinette.

3. Adult (5* P. Huachuca Mountains, Arizona. Price & Condit,

4. Adult c? P. San Francisco Mountains, Arizona. F. Stephens.

306. *Cynomys gunnisoni* (Baird).

Spermophilus gunnisoni Baird, Proc. Acad. Nat. Scien. Phil.,

1855. P- 334-

Cynomys gunnisoni Elliot, Syn. N. Am. Mamm., F. C. M. Pub.,

[Begin Page: Page 182]

182 CYNOMYS. MARMOTA.

II, 1901, p. 103. Zool. Ser. Id. Mamm. Middle Amer. & W.

Indies, F. C. M. Pub., iv, Pt. i, 1904, p. 156. Zool. Ser. Id.

Check-L. Mamm. N. Amer. Cont. & W. Indies, F. C. M. Pub.,

VI, 1905, p. 118. Zool. Ser.

Gunnison's Prairie-dog.

1-3. Adult d* P. Fremont County, Colorado. C. K. Mason.

4. Adult S" P. Boulder, Colorado. R. T. Young.

5. Adult 6" Exch. Flagstaff, Arizona. Am. Mus. Nat. Hist.

N. Y. E. A. Meams.

Genus 106. Marmota. Woodchucks.

Marmota Frisch, Das Nat.-Syst. vierfuss. Thiere, in Tabellen, 9,

Tab. Gen., 1775. Type ?

Mus Linn., Syst. Nat., i, 1758, p. 60. (Part.)

Glis Erxleb., Syst. Regn. Anim., 1777, p. 358. (Part.)

Arctomys Schreb., Saugth., iv, 1782, pp. 721-743, pis. ccvii-

ccxi, 1780.

Lipura Illig., Prodr. Syst. Mamm. et Av., 181 1, p. 95.

307. Marmota monax (Linnaeus).

Mus monax Linn., Syst. Nat., i, 1758, p. 60.

Arctomys monax Elliot, Syn. N. Am. Mamm., F. C. M. Pub., 11,

1901, p. 105, fig. 24. Zool. Ser.

Marmota monax Elliot, Check-L. Mamm. N. Amer. Cont. & W.

Indies, F. C. M. Pub., vi, 1905, p. 119. Zool. Ser.

WOODCHUCK.

1. Adult c? Exch. Hastings, New York. Am. Mus. Nat.

Hist. N. Y. J. Rowley.

2. Adult 9 Exch. Suffolk County, L. Island, New York. Am.

Mus. Nat. Hist. N. Y.

3. Adult 9 P. Marysville, West Virginia. T. Surber.

4. Adult ? Pres. Willow Springs, Illinois. W. J. Gerhard.

5. Adult d Pres. Hicksville, Ohio. H. Meek.

6-7. Adult cJ* Exch. Fort Snelling, Minnesota. Am. Mus. Nat.

Hist. N. Y. E. A. Meams.

8. Juv. d^ Exch. Fort Snelling, Minnesota. Am. Mus. Nat.

Hist. N. Y. E. A. Meams.

9-12, Adult — Group mounted. P. New York. Ward's Nat.

Scien. Establ., Rochester, N. Y.

13. Adult — P. Saranac Lake, New York. Ward's Nat. Scien.

Establ., Rochester, N. Y.

[Begin Page: Page 183]

MARMOTA. 183

14. Adult — Albino. Pres. ? E. E. Ayer.

15. Adult 9 Coll. Fox Lake, Illinois. L. Pray.

a. *Marvvota monax canadensis* (Erxleben).

Glis canadensis Erxleb., Syst. Regn. Anim., 1777, p. 363.

Mus empetra Pallas, Nov. Spec. Quad. Glir, Ord., 1778, p. 75.

Arctomys melanopus Kuhl, Beitr. Zool., 1820, p. 64.

Arctomys monax canadensis Elliot, Syn. N. Am. Mamm., F. C. M.

Pub., II, 1901, p. io6. Zool. Ser.

Marmota monax canadensis Elliot, Check-L. Mamm. N. Amer.

Cont. & W. Indies, F. C. M. Pub., vi, 1905, p. 120. Zool. Ser.

Canadian Woodchuck.

1-3. Adult <S[^] Coll. Murray Bay, Province of Quebec, Canada.

T. Surber.

4-7. Adult 9 Coll. Murray Bay, Province of Quebec, Canada.

T. Surber.

308. *Marmota flaviventer* (Audubon & Bachman).

Arctomys flaviventer Aud. & Bachm., Proc. Acad. Nat. Scien.

Phil., 1841, p. 99. Elliot, Syn. N. Am. Mamm., F. C. M. Pub.,

II, 1901, p. 106. Zool. Ser.

Marmota flaviventer Elliot, Check-L. Mamm. N. Amer. Cont. &

W. Indies, F. C. M. Pub., vi, 1905, p. 120. Zool. Ser.

Yellow-bellied Woodchuck.

1-2. Juv. c? P. Pyramid Peak, Eldorado County, California.

W. W. Price.

3-4. Juv. ? P. Pyramid Peak, Eldorado County, California.

W. W. Price.

5-6. Adult c? Coll. Big Cottonwood Meadows, Mt. Whitney,

California. E. Heller.

7-8. Adult 9 Coll. Big Cottonwood Meadows, Mt. Whitney,

California. E. Heller.

9-13. Adult cJ* Coll. Ramshaw Meadows, Mt. Whitney, California. E. Heller.

14-16. Adult 9 Coll. Ramshaw Meadows, Mt. Whitney, California. E. Heller.

17. Adult d^ P. Echo Lake, Eldorado County, California. W. Price.

18. Adult c? P. Silver Lake, Amador County, California. W. Price.

19. Adult 6^ P. Boulder, Colorado. R. T. Young.

20. Adult 9 P. Boulder, Colorado. R. T. Young.

21-22. Adult (^ P. Midway, Kettle River, British Columbia, Canada. G. F. Dippie.

[Begin Page: Page 184]

184 MARMOTA. SCIUROPTERUS.

23. Adult 9 P. Midway, Kettle River, British Columbia, Canada. G. F. Dippie.

24. Adult ? P. Mt. Siegel, Douglas County, Nevada. W.

W. Price.

25. Juv. cJ* P. Winter's Mine," Douglas County, Nevada. W.

W. Price.

26. Adult 9 P. Red Deer, Alberta, Canada. G. F. Dippie.

27. Adult cJ* P. Upper Klamath Lake, Oregon. A. Forrer.

28. Adult ? P. Upper Klamath Lake, Oregon. A. Forrer.

29-31. Juv. — P. Upper Klamath Lake, Oregon. A. Forrer.

309. *Marmota olympus* (Merriam).

Arctomys olympus Merr., Proc. Acad. Nat. Scien. Phil., 1898, p.

352. Elliot, Syn. N. Am. Mamm., F. C. M. Pub., 11, 1901, p.

107. Zool. Ser.

Marmota olympus Elliot, Check-L. Mamm. N. Amer, Cont. & W.

Indies, F. C. M. Pub., vi, 1905, p. 121. Zool. Ser.

Olympic Mountains Woodchuck.

1-4. Adult d^ Coll. Happy Lake, Olympic Mountains, Clallam
County, Washington. D. G. Elliot.

5. Juv. d^ Coll. Happy Lake, Olympic Mountains, Clallam

County, Washington. D. G. Elliot.

6. Adult 9 Coll. Happy Lake, Olympic Mountains, Clallam

County, Washington. D. G. Elliot.

7. Adult 9 Coll. Boulder Lake, Olympic Mountains, Clallam

County, Washington. D. G. Elliot.

Subfamily IH. Pteromyinse.

Genus 107. Sciuropterus. Flying Squirrels.

Sciuropterus F. Cuv., Dents Mammiferes, 1825, pp. 161-162, 225,
pi. 56. Type Sciurus volans Linnaeus.

310. Sciuropterus alpinus (Richardson).

Pteromys alpinus Kich., Zool. Jour., in, 1828, p. 519.

Pteromys sabrinus var. ^ alpinus Rich., Faun. Bor, Amer., Mamm.,

I, 1829, p. 195, pi. 16.

Sciuropterus volans alpinus Elliot, Syn. N. Am. Mamm., F. C. M.

Pub., II, 1901, p. 109. Zool. Ser.

Sciuropterus alpinus Elliot, Check-L. Mamm. N. Amer. Cont. &

W. Indies, F. C. M. Pub., vi, 1905, p. 121. Zool. Ser.

[Begin Page: Page 185]

sciuropterus. 186

Richardson's Flying Squirrel.

I. Adult d" P. Alberta, Canada. G. F. Dippie.

a. Sciuropterus alpiniis oregonensis (Bachman).

Pteromys oregonensis Bachm., Jour. Acad. Nat. Scien. Phil., 1839,

p. IOL.

Sciuropterus volans oregonensis Elliot, Syn. N. Am. Mamm., F.

C. M. Pub., II, 1901, p. no. Zool. Ser.

Sciuropterus alpinus oregonensis Elliot, Check-L. Mamm. N.

Amer. Cont. & W. Indies, F. C. M. Pub., vi, 1905, p. 122.

• Zool. Ser.

Oregon Flying Squirrel.

I. Adult 9 Coll. Goldbeach, Oregon. E. Heller.

b. Sciuropterus alpinus olympicus Elliot.

Sciuropterus alpinus olympicus Elliot, Pub. Field Columb. Mus.,

I, 1899, p. 225. Zool. Ser. Id. Check-L. Mamm. N. Amer.

Cont. & W. Indies, F. C. M. Pub., vi, -1905, p. 123. Zool. Ser.

Sciuropterus volans olympicus Elliot, Syn. N. Am. Mamm., F. C.

M. Pub., II, 1901, p. no. Zool. Ser.

Olympic Mountains Flying Squirrel.

1-2. Adult (^ Type. Coll. Happy Lake, Olympic Mts., Clallam
County, Washington. D. G. Elliot.

3. Adult 9 Paratype. Coll. Happy Lake, Olympic Mts., Clallam
County, Washington. D. G. Elliot.

4. Adult d^ Coll. Boulder Lake, Olympic Mts., Clallam County,
Washington. D. G. Elliot.

c. *Sciuropterus alpinus hlcnnathensis* Merriam.

Sciuropterus alpinus klamathensis Merr., Proc. Biol. Soc. Wash.,
XI, 1897, p. 225. Elliot, Check-L. Mamm. N. Amer. Cont.

& W. Indies, F. C. M. Pub., vi, 1905, p. 123. Zool. Ser.

Sciuropterus volans klamathensis Elliot, Syn. N. Am. Mamm., F.

C. M. Pub., II, 1901, p. III. Zool. Ser.

Klamath Flying Squirrel.

1. Adult 9 P. Upper Klamath Lake, Oregon. A. Forrer.

d. *Sciuropterus alpinus fuliginosus* Rhoads.

Sciuropterus alpinus fuliginosus Rhoads, Proc. Acad. Nat. Scien.

Phil., 1897, p. 321. Elliot, Check-L. Mamm. N. Amer, Cont.

& W. Indies, F. C. M. Pub., vi, 1905, p. 123. Zool. Ser.

Sciuropterus volans fuliginosus Elliot, Syn. N. Am. Mamm., F. C.

M. Pub., II, 1901, p. III. Zool. Ser.

Dusky Flying Squirrel.

I. Adult d^ Exch. Seattle, Washington. University of Wash-
ington. E. C. Starks.

[Begin Page: Page 186]

186 SCIUROPTERUS.

2. Adult 9 P. Cariboo, British Columbia, Canada. C. K. Worth-
em.

311. *Sciuropterus sabrinus* (Shaw).

Sciurus hudsonius Gmel., Syst. Nat., i, 1788, p. 153. (nee Pallas.)

Sciurus sabrinus Shaw, Gen. Zool., i, 1801, p. 157,

Sciurus acrobates Wagn., Schreb. Saugth., Suppl., iv, 1843, p.

231, pi. CCXXII B.

Sciuropterus sabrinus Elliot, Syn. N. Am. Mamm., F. C. M. Pub.,

11, 1901, p. 107. Zool. Ser. Id. Check-L. Mamm. N. Amer.

Cont. & W. Indies, F. C. M. Pub., vi, 1905, p. 124. Zool. Ser.

Boreal Flying Squirrel.

1. Adult 9 Coll. Lake Edward, Province of Quebec, Canada.

L. Kenkel.

2. Adult d^ Coll. Trout Creek, Province of Ontario, Canada.

L. Kenkel.

3. Adult 9 Coll. Trout Creek, Province of Ontario, Canada.

L. Kenkel.

4-5. Adult d^ P. Gooderham, Province of Ontario, Canada.

G. F. Dippie.

6-8. Adult ? P. Gooderham, Province of Ontario, Canada.

G. F. Dippie.

9. Adult c? P. Portage la Prairie, Manitoba. G. F. Dippie.

10-11. Adult 9 P. Portage la Prairie, Manitoba. G. F. Dippie.

12. Adult d^ Pres. Canada! C. E. Akeley.

312. *Sciuropterus nigripes* Thomas.

Sciuropterus nigripes Thos., Ann. Mag. Nat. Hist., 6th Ser., xii,
1893, p. 30.

Black-footed Flying Squirrel.

1. Adult 9 P. Palawan, Philippine Islands. E. Gerrard & Sons.

A. Everett.

313. *Sciuropterus volans* (Linnaeus).

Mus volans Linn., Syst. Nat., i, 1758, p. 63. (*Mus* nee *Sciurus*,

p. 88.)

Sciurus volucella Pallas, Nov. Spec. Quad. Glir. Ord., 1778, p.

351-

Sciuropterus volans Elliot, Syn. N. Am. Mamm., F. C. M. Pub.,

II, 1901, p. 109, fig. 25. Zool. Ser. Id. Mamm. Middle Amer.
& W. Indies, F. C. M. Pub., iv, Pt. i, 1904, p. 158, figs. 29,
XXXIII. Zool. Ser. Id. Check-L. Mamm. N. Amer. Cont. & W.
Indies, F. C. M. Pub., vi, 1905, p. 12[^]. Zool. Ser.

[Begin Page: Page 187, Fig. XXX]

SCIUROPTERUS.

187

Fig. XXX. SCIUROPTERUS volans. Common Flying Squirrel.

Common Flying Squirrel.

1. Adult d[^] Exch. Millerplace, Long Island, New York.

Am. Mus. Nat. Hist. N. Y. A. Helme.

2. Adult 6[^] Exch. Ardsley, New York. Am. Mus, Nat. Hist.

N. Y. C. P. Rowley.

3. Adult cJ^{*} Exch. Highland Falls, New York. Am. Mus.

Nat. Hist. N. Y. C. P. Streater.

4. Adult d Coll. White Sulphur Springs, West Virginia. T.

Surber.

5. Adult 9 Coll. White Sulphur Springs, West Virginia. T.

Surber.

6. Adult ? Exch. Raleigh, North Carolina. Am. Mus. Nat.

Hist. N. Y. C. S. Brimley.

7. Adult 9 Coll. Apex, North Carolina. T. Surber.

8-10. Adult 6" Coll. Calhoun Falls, South Carolina. T. Surber.

11-13. Adult 9 Coll. Calhoun Falls, South Carolina. T. Surber.

14. Adult 9 Coll. St. Marys, Georgia. T. Surber.

15. Adult 9 Pres. Willow Springs, Illinois. W. J. Gerhard.

16. Adult c? Pres. Laporte, Indiana. C. M. Barber.

17. Adult — Pres. Kankakee Marshes, Indiana. W. J. Wis-

dom.

18. Adult 9 Exch. Ravenna, Ohio. Am. Mus. Nat. Hist.

N. Y. C. P. Streator.

19. Adult 9 P. Knoxville, Iowa. G. K. Cherrie.

20. Adult — Exch. New York. Am. Mus. Nat. Hist. N. Y.