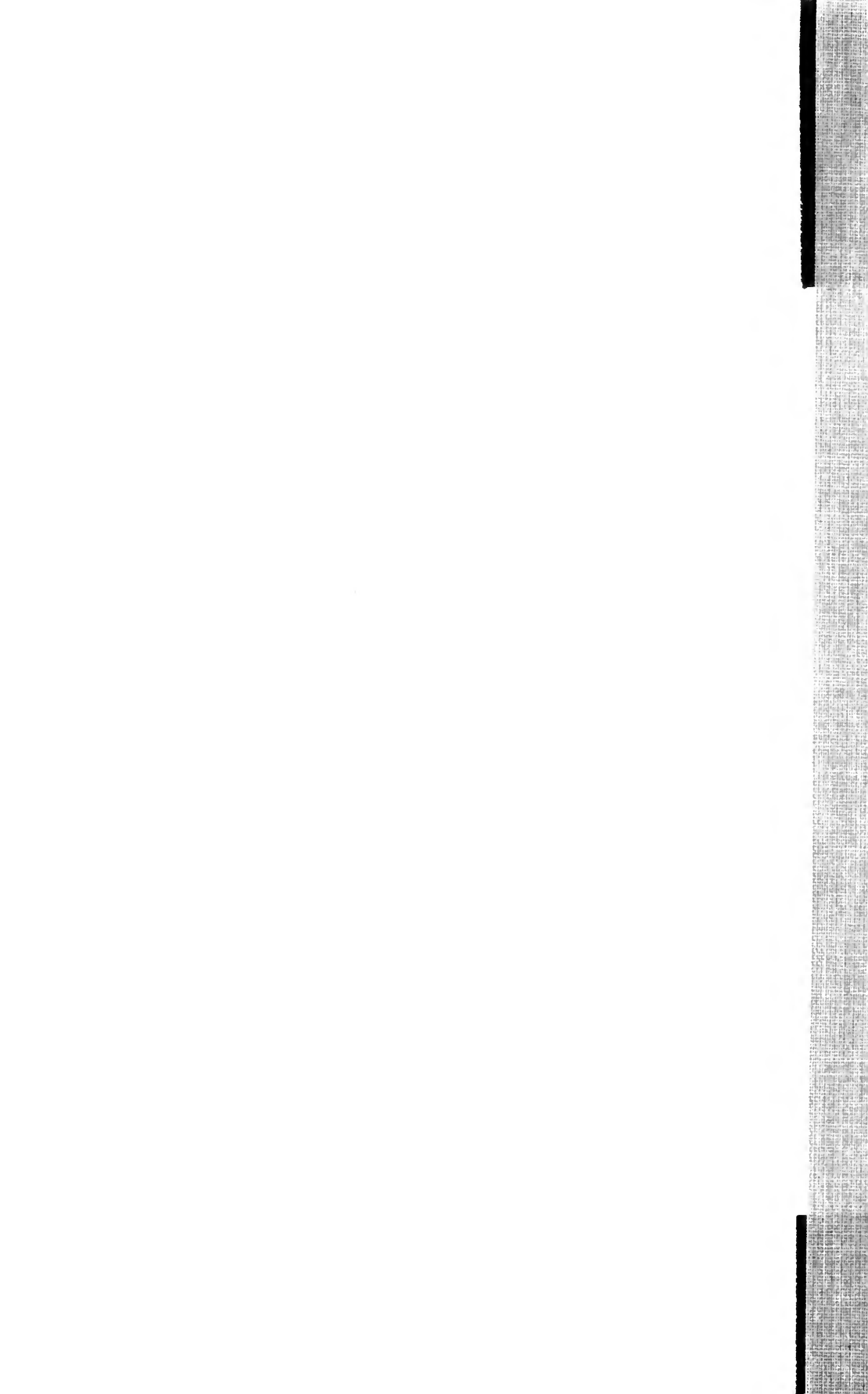


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PUBLICATION 57.

ZOOLOGICAL SERIES.

VOL. II, No. 2.

A LIST
OF THE
LAND AND SEA MAMMALS
OF
NORTH AMERICA

NORTH OF MEXICO.

SUPPLEMENT TO THE SYNOPSIS.

BY

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Curator of Department.



CHICAGO, U. S. A.

June, 1901.

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n. H. S.

PREFACE.

The present List contains all the named forms of North American mammals on land or in the adjacent seas described up to this date, that, under the most lenient treatment, are entitled to any consideration. The various forms that were included in the Appendix to the "Synopsis of North American Mammals" have been placed in their proper positions.

Five species that were omitted from that work, and such forms as have been named since it passed through the press, have been added with their descriptions, and will be found under their respective genera.

A few changes in genera and species, affected by the rule of priority, have been made, and typographical errors in names, which, in spite of every care have appeared in the "Synopsis," have been corrected, and the spelling in this List should be adopted whenever differing from that in the book just mentioned. This publication, therefore, may serve as a Check List of our Mammals, as a guide for labeling specimens, and as a Supplement to the "Synopsis," to be bound with it, and bringing it to date.

The pagination given is that of the "Synopsis."

Especial thanks are due to Dr. F. W. True of the U. S. Nat. Museum, Washington, for photographs of the skulls of *Kogia breviceps* and *Berardius bairdi* in the National collection, from which the plates accompanying this publication were taken.

D. G. E.

June 10, 1901.

CLASS MAMMALIA.

Order I. **Marsupialia.**

Fam. I. **Didelphyidae.**

1. **Didelphys.** Linn., 1758.

	PAGE
1. * <i>Didelphys virginiana</i> . Kerr.	I
<i>Didelphys virginiana pigra</i> . Bangs.	I
2. <i>Didelphys californica</i> . Bennett.	3

Order II. **Edentata.**

Fam. I. **Dasypodidae.**

2. †**Tatu.** Blumenbach, 1799.

3. **Tatu novemcinctus.** (Linn.).....

Order III. **Sirenia.**

Fam. I. **Hydrodamalidae.**

3. **Hydrodamalis.** Retzius, 1794.

4. **Hydrodamalis gigas.** (Zimm.)..... 5

Fam. II. **Manatidae.**

4. **Manatus.** Storr, 1780.

5. **Manatus latirostris.** Harl. 6

* Regarding the adoption of this specific name, see Thomas, Amer. Nat., 1901, p. 144.

† See Palmer, Proc. Biol. Soc. Wash., 1897, p. 174.

Mr. Witmer Stone has called my attention to the fact that this generic term was published by Blumenbach in the Handbuch der Naturgeschichte, Göttingen, in 1799, p. 73, four years previous to the edition quoted by Dr. Palmer, thus taking precedence by many years over any generic term proposed for the nine-banded Armadillo. *Novemcinctus* is the only species included in Tatu, and therefore represents the genus.

Order IV. **Cetacea.**Fam. I. **Balaenidae.**5. **Balaena.** Linn., 1766.

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6. <i>Balaena glacialis.</i> Bonnat.	8
7. <i>Balaena sieboldi.</i> (Gray.).....	8
8. <i>Balaena mysticetus.</i> Linn.	8
9. <i>Balaena kuzira.</i> (Gray.)	9

6. ***Rhachianectes.** Cope, 1869.

10. <i>Rhachianectes glaucus.</i> (Cope.)	9
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7. **Megaptera.** Gray, 1864.

11. <i>Megaptera nodosa.</i> (Bonn.)	10
<i>Megaptera nodosa osphyia.</i> (Cope.).....	10
12. <i>Megaptera versabilis.</i> (Cope.).....	10

8. **Agaphelus.** Cope, 1868.

13. <i>Agaphelus gibbosus.</i> (Erxleb.)	11
--	----

9. **Balaenoptera.** Lacép., 1804.

14. <i>Balaenoptera acuto-rostrata.</i> Lacép.	11
15. <i>Balaenoptera davidsoni.</i> Scamm.	12
16. <i>Balaenoptera velifera.</i> Cope.	12
<i>Balaenoptera velifera copei.</i> Elliot.	13
17. <i>Balaenoptera physalus.</i> (Linn.)	13
18. <i>Balaenoptera borealis.</i> Less.	13
19. <i>Balaenoptera musculus.</i> (Linn.).....	13
20. <i>Balaenoptera sulfurea.</i> (Cope.).....	14

Fam. II. **Physeteridae.**10. **Physeter.** Linn., 1766.

21. <i>Physeter macrocephalus.</i> Linn.	15
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11. **Hyperoödon.** Lacép., 1804.

22. <i>Hyperoödon rostratus.</i> (Müll.).....	16
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**ῥάχις* = *Rhachianectes*, nec *Rachlanectes*.

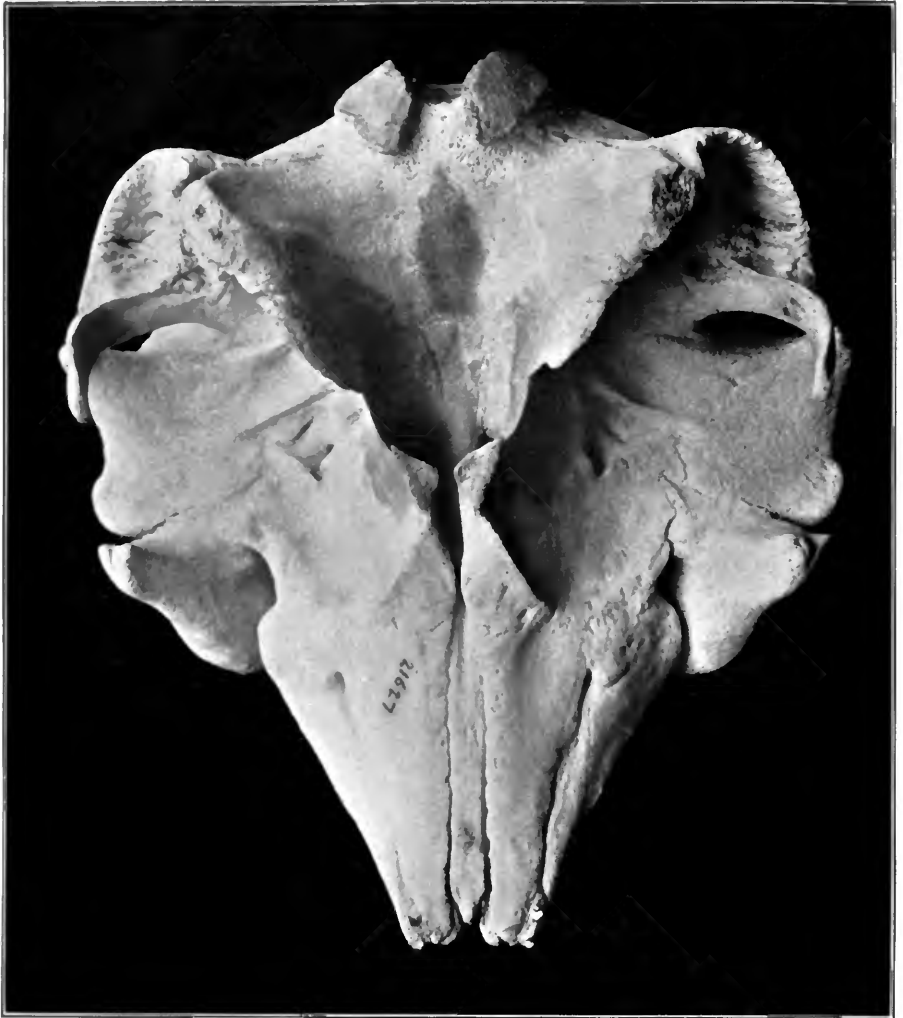
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KOGIA BREVICEPS.
Superior surface.

No. 21627 U. S. Nat. Mus. About $\frac{1}{2}$ nat. size.

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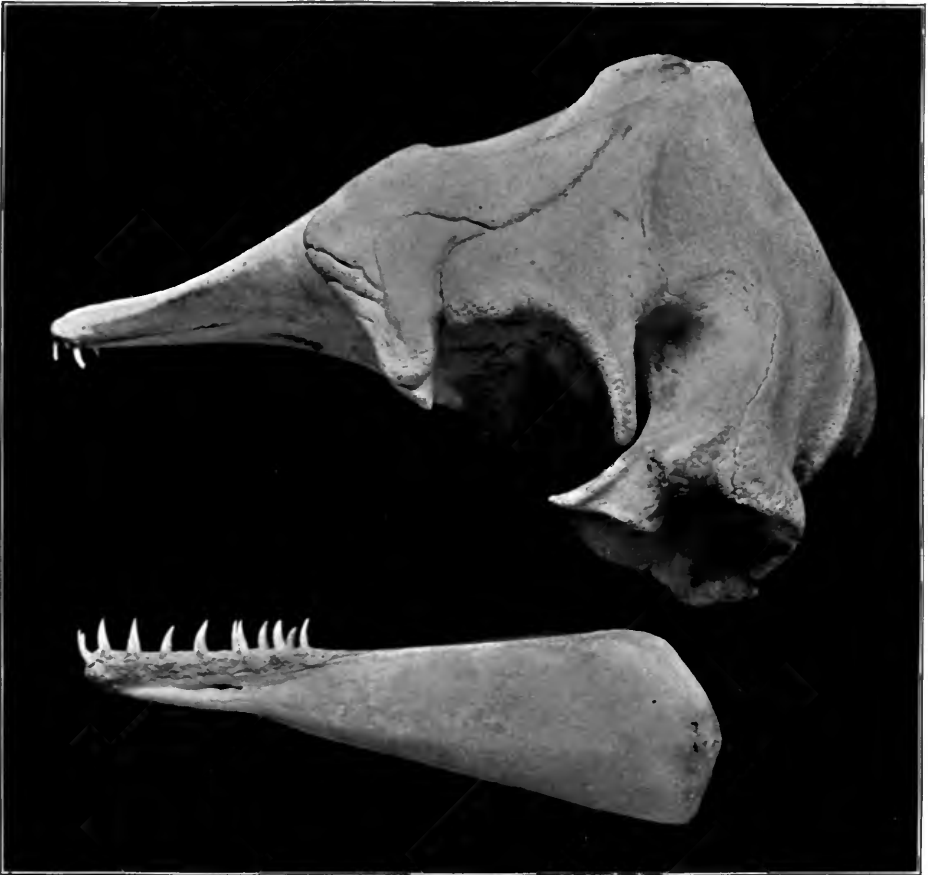


KOGIA BREVICEPS.

Inferior surface.

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KOGIA BREVICEPS.

No. 21627, U. S. Nat. Mus. About $\frac{1}{2}$ nat. size.

12. *Kogia.

$$\frac{0-0}{9-9} \text{ to } \frac{0-0}{12-12} = 18 \text{ to } 24.$$

Kogia. Gray, Voy. Erebus and Terror. Zoöl., 1846, p. 22.

“Teeth of the upper jaw absent, or reduced to a rudimentary pair in front; in the lower jaw 9 to 12 on each side, rather long, slender, pointed and curved, with a coating of enamel. Upper surface of cranium concave, with thick, raised posterior and lateral margins, massive and rounded at their anterior terminations above the orbits. Upper edge of the methesmoid forming a prominent sinuous ridge, constituting a kind of longitudinal septum to the base of the great supra-cranial cavity. Rostrum not longer than the cranial portion of the skull, broad at the base, and rapidly tapering to the apex. Vertebrae: C. 7, D. 13 or 14, L. and C. 30; total, 50 or 51. All the cervical vertebrae united by their bodies and arches.” (Flower.)

23. breviceps. (*Physeter*), Blainv., Ann. Anat. and Phys., 11, 1838, p. 337.

?*floweri*, Gill, Amer. Nat., iv, 1871, p. 738, fig. 172.

Type locality. Cape of Good Hope.

Geogr. Distr. Indian and Pacific Oceans, coast of southern California and Atlantic coast of North America.

Genl. Char. Blainville's description of a skull of this species in the Paris Museum, from an individual taken at the Cape of Good Hope, translated is as follows: “Skull extremely wide and greatly elevated, having the frontal crests very high and consequently the nasal cavities very deep, something like those of the Cachelots, and terminate abruptly by the very short and pointed maxillaries, therefore the total length is barely an inch greater than the occipital length. The lower jaw has necessarily two branches approaching each other evenly, like a bellows, and have a considerable symphysis, with a narrow extremity, but rounded termination. It is nearly certain that there are no teeth in the upper jaw, but the lower has 14 or 15 on each side, all of which are not in place, 5 only on the left side and 4 on the right remain still in their alveoli; some have been replaced by others; they are narrow, slender, conical, pointed, slightly curved interiorly, and 6 to 8 lines in length. Length of lower jaw, 13 inches; distance between condyles, 12 inches. Length of skull, 14½ inches. Another peculiarity of the skull is the inequality of the nasal cavities, the right being in nearly a rudimentary condition, and some twenty times smaller than the other.”

* Omitted in the Synopsis.

Color. Black.

Measurements. Total length, 20 feet.

13. *Ziphius*. Cuv., 1823.

- | | |
|--|-------|
| | PAGE. |
| 24. <i>Ziphius cavirostris</i> . Cuv. | 17 |
| 25. * <i>grebnitzkii</i> . (<i>Ziphius</i>), Stejneger, Proc. U. S. Nat. Mus., 1883,
p. 77. | |

Type locality. Bering Island.

Genl. Char. "The tip of the beak is obtuse, with a vertical furrow in the middle, the lower jaw with the two terminal teeth protruding considerably beyond the upper one. From about the middle of the beak towards the tip, the mesethmoidal, ossified in its whole length, arises, like a rounded staff, between and above the premaxillaries, following these to the tip and being totally fused together with them. The nasal groove is very unsymmetrical, owing to a very prominent asymmetry of the premaxillaries and the nasals, so that the direction of the oblique nares forms an angle of not less than 20 degrees with the vertical plane through the longitudinal axis of the skull. The right os nasale and the premaxilla of the same side are by far the larger ones, and form the principal part of the roof above the nares, the nasal not reaching, however, so far forward as the premaxilla. The ante-nasal groove is large, and in the anterior half partly vaulted over by the edges of the premaxillaries, which are somewhat bent inwards. The zygomatic process of the squamosals touches the orbital of the frontals without coalescing however. The jugale is not narrower in the fore part, which, consequently, is not dilated and does not reach the posterior maxillary notch. This is not particularly deep, and the anterior one is still more shallow. The visible part of the vomer is long and narrow, commencing 124 mm. from the tip of the beak. The supraoccipital is rather inclined forwards, forming an angle of about 40 degrees, with a line parallel to the vertical axis of the skull."

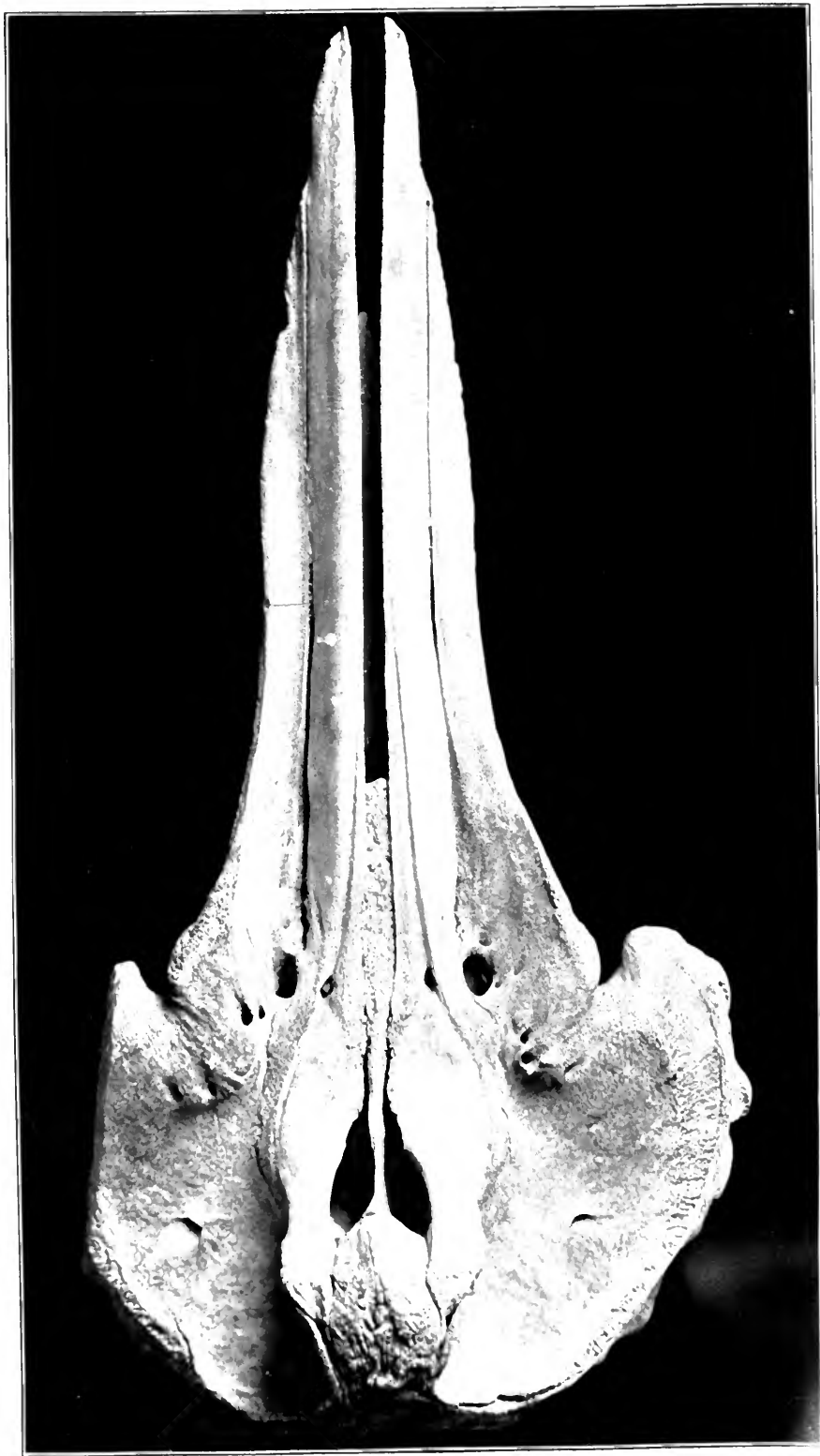
Measurements. "Length of the skull in straight line, 983; greatest breadth, 600; length of beak from anterior maxillary notch to tip, 485; length of right nasal, 135; of left nasal, 128; length of lower jaw, 845; length of symphysis, 180; longitudinal diameter of tooth at base, 26; height of tooth, 36." (Stejneger, l. c.)

14. *Mesoplodon*. Gerv., 1850.

- | | |
|--|----|
| 26. <i>Mesoplodon bidens</i> . (Sowerby.)..... | 18 |
|--|----|

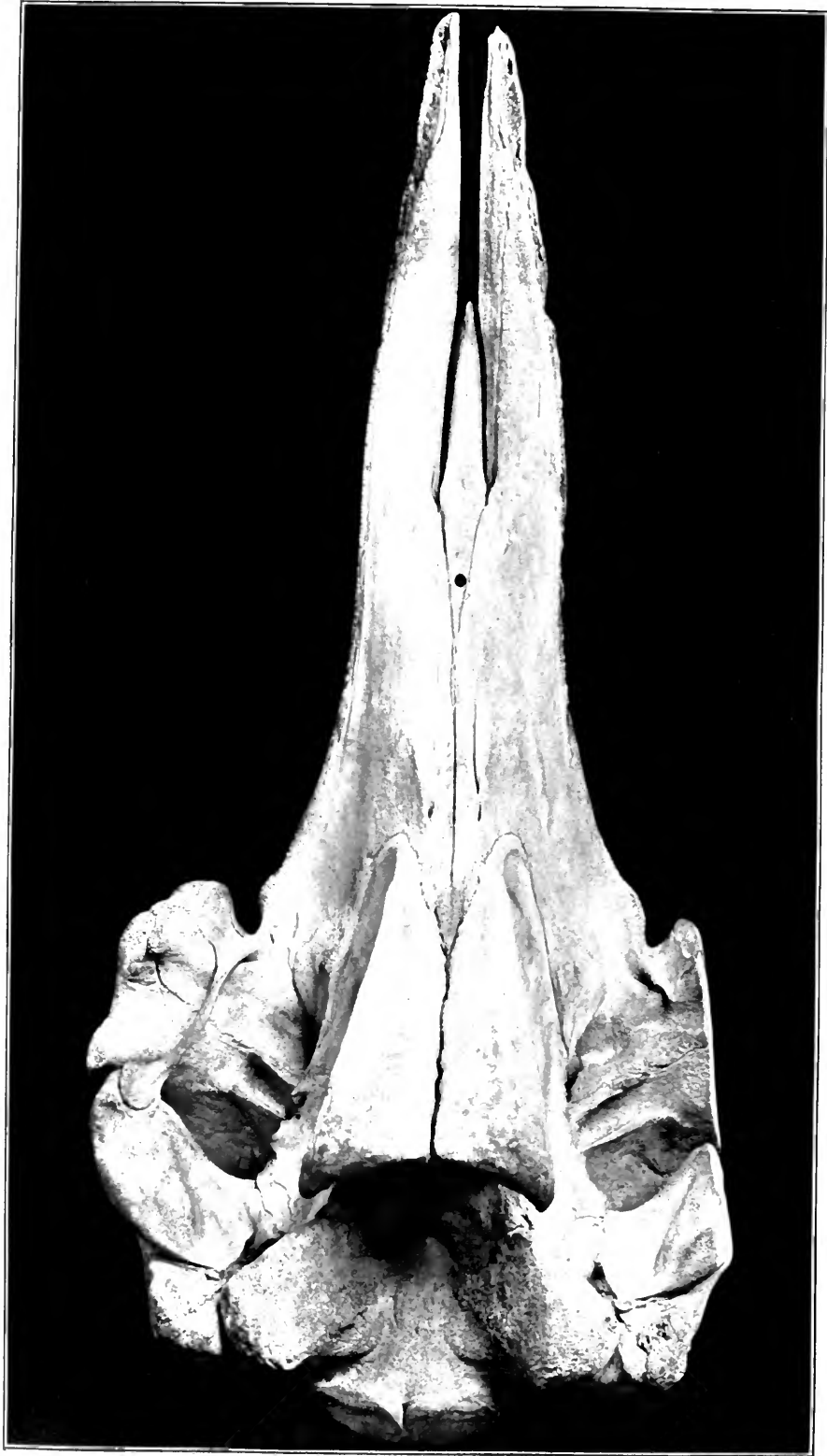
* Omitted in the Synopsis.

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BERARDIUS BAIRDI.
Superior surface of skull $\frac{1}{2}$ nat. size. No. 2792. U. S. Nat. Mus. Type specimen.

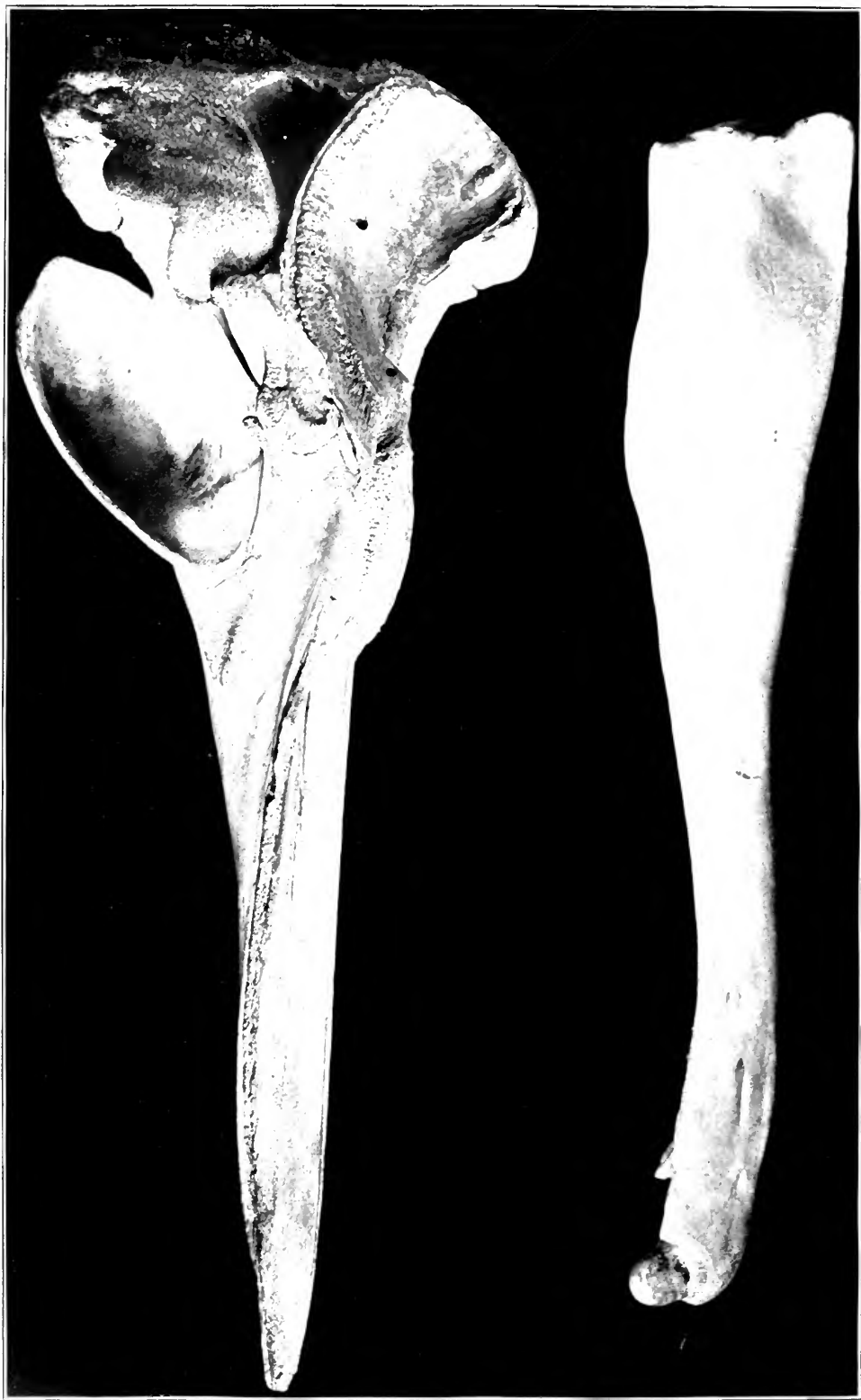
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BERARDIUS BAIRDI.

Inferior surface of skull, nat. size. No. 2902, U. S. Nat. Mus. Type specimen.

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BERARDIUS BAIRDI.

1. Lateral view of skull, about $\frac{1}{2}$ nat. size. 2. Lateral view of mandible, about $\frac{1}{2}$ nat. size.
No. 25902, U. S. Nat. Mus. Type specimen.

27. **Mesoplodon stejnegeri*. True. PAGE. 14

15. †*Berardius*.

$$\frac{0-0}{2-2} = 4.$$

Berardius. Duvernoy, Ann. Scien. Nat. Zoöl., xv, 1851, p. 41.

Frontal portion of skull elevated; rostrum, subcylindrical, slender, long and narrow; maxillaries slightly swollen and expanded at upper ends; two teeth on each side of the symphysis of lower jaw, the anterior the larger and near the end compressed, triangular, similar but smaller than those of *Ziphius*. Nasals broad, flattened in front. Mesethmoid partly ossified.

28. †*bairdi*. (*Berardius*), Stejneger, Proc. U. S. Nat. Mus., 1883, p. 75.

Type locality. Stare Gavan, Bering Island.

Genl. Char. Skull only preserved. "Very low and scarcely incurved maxillary crests; the shortest distance of which is $2\frac{2}{3}$ times greater than their greatest height. * * * The groove between the maxillary and the nuchal crest is very shallow. The maxillary notch is deep. The beak is long, making only little less than half the length of the entire skull. Nares straight; right nasal larger than the left one, but not very much. The occipital condyles do not come in contact beneath the foramen magnum; the symphysis of the lower jaw is very short, amounting to only one-fifth of the whole length of the jaw. Teeth are situated on the tip of the lower jaw."

Measurements. "Length of skull, 1405; greatest breadth, 698; length from process of supramaxillaries before orbit to posterior edge of condyles, 610; from same process to tip of beak, 890; greatest height of maxillary crests, 86; length of lower jaw, 1292; length of symphysis, 257. Total length of animal about 18 feet." (Stejneger, l. c.)

Fam. III. **Delphinidae.**

16. **Monodon.** Linn., 1766.

29. **Monodon monoceros.** Linn. 19

17. **Delphinapterus.** Lacép., 1804.

30. **Delphinapterus leucas.** (Pall.) 19

* Misplaced on page 14 of the Synopsis. Should go after *M. bidens*, p. 18.

† Omitted in the Synopsis.

‡ Probably merely a straggler on our Pacific coast.

18. Phocaena. Cuv., 1817.		PAGE.
31. * <i>Phocaena phocaena.</i> (Linn.)	.....	20
32. <i>Phocaena dalli.</i> True.	.....	21
19. Orcinus. Fitzin., 1860.		
33. <i>Orcinus gladiator.</i> (Bonnat.)	.....	22
34. <i>Orcinus rectipinnus.</i> (Cope.)	.....	22
20. Pseudorca. Reinh., 1862.		
35. <i>Pseudorca crassidens.</i> (Owen.)	.....	23
21. Globiocephalus. Less., 1842.		
36. <i>Globiocephalus melas.</i> (Traill.)	.....	23
37. <i>Globiocephalus brachypterus.</i> Cope.	.....	24
38. <i>Globiocephalus scammoni.</i> Cope.	.....	24
22. Grampus. Gray, 1846.		
39. <i>Grampus griseus.</i> (Cuv.)	.....	25
23. Lagenorhynchus. Gray, 1846.		
40. <i>Lagenorhynchus acutus.</i> (Gray.)	.....	25
41. <i>Lagenorhynchus thicolea.</i> Gray.	.....	26
42. <i>Lagenorhynchus albirostris.</i> (Gray.)	.....	26
43. <i>Lagenorhynchus obliquidens.</i> Gill.	.....	27
24. Delphinus. Linn., 1758.		
44. <i>Delphinus delphis.</i> Linn.	.....	28
25. Tursiops. Gerv., 1855.		
45. <i>Tursiops tursio.</i> (Fabric.)	.....	29
46. <i>Tursiops gilli.</i> Dall.	.....	29
26. Lissodelphis. Glog., 1841.		
47. <i>Lissodelphis borealis.</i> (Peale.)	.....	30
27. Prodelphinus. Gerv., 1880.		
48. <i>Prodelphinus euprosine.</i> (Gray.)	.....	30
49. <i>Prodelphinus crotaphiscus.</i> (Cope.)	.....	31
50. <i>Prodelphinus plagiodon.</i> (Cope.)	.....	31
51. <i>Prodelphinus frenatus.</i> (Cuv.)	.....	32

* By an oversight called in the Synopsis *communis*.

Order V. **Ungulata.**

Fam. I. **Tayassuidae.**

28. ***Tayassu.** Fisch., 1814.

	PAGE.
52. Tayassu tajacu. (Linn.).....	33

Fam. II. **Cervidae.**

Sub. Fam. I. **Cervinae.**

29. **Cervus.** Linn., 1758.

53. Cervus canadensis. Erxl., 1777.	34
<i>Cervus canadensis occidentalis.</i> H. Smith.	34

30. **Rangifer.** H. Smith, 1827.

54. Rangifer caribou. (Gmel.).....	35
55. Rangifer terraenovae. Bangs.	36
56. Rangifer montanus. E. S. Thompson.	36
57. † Rangifer stonei. Allen, Bull. Amer. Mus. Nat. Hist., N. Y.,	

1901, p. 143.

Type locality. Kenai Peninsula, Alaska.

Genl. Char. Skull narrow, slender; antlers slender, palmation narrow; brow and beztines well developed. Fringe of white hairs on front of neck. Head and horns alone preserved.

Color. Nose and middle of nostrils, chin and edges of lower lip grayish white; top of nose to eyes black; sides of head dark brown; space around eyes grayish; top and sides of neck grayish brown, lighter at base of neck; front of neck white, with a white fringe 100 to 130 mm. wide and 200 to 225 mm. long.

Measurements. Total length, 2159; tail, 152; tarsus, 584; height at elbow, 711; at brisket, 712; at withers, 1321. Taken from the animal in the flesh. (Ex. Allen, l. c.)

58. Rangifer dawsoni. E. S. Thompson.	36
59. Rangifer groenlandicus. (Gmel.).....	37
60. Rangifer arcticus. (Rich.).....	37

31. **Alces.** H. Smith, 1827.

61. Alces americanus. Jard.	38
62. Alces gigas. Miller.	38

* Fisch. Zoognosia, iiii, 1814, pp. 284-289, antedates Dicotyles, Cuv., 1817.

† Published after the Synopsis was issued.

32. Odocoileus. Rafin., 1832.

	PAGE.
63. Odocoileus americanus. (Erxleb.).....	39
<i>Odocoileus americanus macrourus.</i> (Rafin.).....	39
<i>Odocoileus americanus texensis.</i> (Mearns.).....	40
<i>Odocoileus americanus osceola.</i> (Bangs.).....	40
<i>Odocoileus americanus couesi.</i> (Coues & Yarrow.).....	40
64. Odocoileus crooki. (Mearns.).....	41
65. Odocoileus columbianus. (Rich.).....	41
<i>Odocoileus columbianus sitkensis.</i> (Merr.).....	42
<i>Odocoileus columbianus scaphiotus.</i> (Merr.).....	42
66. Odocoileus hemionus. (Rafin.).....	42
67. Odocoileus californicus. (Caton.).....	43

Fam. III. **Antilocapridae.****33. Antilocapra.** Ord., 1818.

68. Antilocapra americana. (Ord.).....	43
---	----

Fam. IV. **Bovidae.**Sub. Fam. I. **Rupricaprinae.****34. Oreamnus.** Rafin., 1817.

69. Oreamnus montanus. (Ord.).....	44
70. Oreamnus kennedyi. Elliot.	44

35. Ovis. Linn., 1766.

71. *Ovis cervina. Desm.	46
<i>Ovis cervina nelsoni.</i> (Merr.).....	46
<i>Ovis cervina auduboni.</i> Merr., Proc. Biol. Soc. Wash., 1901, p. 31.	
<i>Type locality.</i> "Upper Missouri." Bad Lands of South Da- kota?	

* As there is no positive date known for Shaw's plate (610) of the Mountain Sheep, that of 1823 being established purely upon the supposed hypothesis that the work appeared at uniformly regular intervals throughout the twenty-four years of its publication (and of which there is no proof whatever), there should be no hesitation in accepting Desmarest's name *O. cervina* for the species, bestowed without question in 1804, of which Shaw's name *O. canadensis* would be a synonym. A date that is well established should always have precedence over one founded merely upon a supposition.

Published after the Synopsis was issued.

Genl. Char. "Size large; skull and horns broad and massive; molar teeth much larger than in any known American sheep, the upper tooth row in adult males measuring 96 mm. or more, and the three upper molars 63–65 mm. Under jaw (in type specimen) massive, heavy posteriorly, deeply bellied (depth under last molar 52 mm.); angle broadly rounded. In *canadensis* (**cervina**), the jaw is light throughout and the angle, while small, is marked. Horns narrower, and as a rule larger than in *canadensis* (**cervina**)."* (Merr., l. c.) No skins examined.

	PAGE.
72. <i>Ovis stonei</i> . Allen.	47
73. <i>Ovis dalli</i> . Nelson.	47
74. <i>Ovis fannini</i> . Hornaday.	425

36. Ovibos. De Blainv., 1816.

75. <i>Ovibos moschatus</i> . (Zimm.).....	48
† <i>Ovibos moschatus wardi</i> . Lydekker, Nature, lxiii, Dec., 1900, p. 157.	

Type locality. East Greenland.

Geogr. Distr. "Southern border of Ellesmere Land northward through Grinnell Land to the Polar Sea, and on the Greenland coast from about latitude 78° on the western side northward to and around the northern end of Greenland to about latitude 75° N. on the east coast." (Allen.)

Genl. Char. Basal portion of horns narrow. White on face and top of head, and lighter legs.

Color. Similar to *O. moschatus*, but with a white area on the front of the head forming a face spot; ear and patch below the ears gray; between the ears on top of head whitish; saddle mark of light brown; rest of body dark brown.

(Adult bulls have the head and neck almost jet black; visible portion of legs whitish, but sometimes marked with dark brown. The white on head seems very variable, for out of seven specimens supposed to be of this variety in the Field Columbian Museum, none have any white on the *face* except the old cow. The old bull has no white at all upon the head, and the next bull, one in his prime, has a jet black head and neck, with but a little white about the horn bases;

*Relative sizes of molar teeth and parts of crania are properly classed in the majority of cases, with those differences resulting simply from individual variation, and it would seem unlikely that the Dakotas and Montana, contiguous States, would each contain a distinct variety of mountain sheep. The greater depth and massiveness of lower jaw is apparently restricted to the *type specimen*.

† Published after the Synopsis was issued.

the two-year-old animals and two calves have white between the horns, but none on the face. These were stated to have been all members of one herd and killed in the Hudson Bay region.)

37. **Bison.** H. Smith, 1827.

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76. * Bison bison. (Linn.).....	49
<i>Bison bison athabascae.</i> Rhoads.	49

Order VI. **Rodentia.**

Fam. I. **Sciuridae.**

Sub. Fam. I. **Sciurinae.**

38. **Sciurus.** Linn., 1758.

A. Parasciurus.

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78. Sciurus ludovicianus. Custis.	52
<i>Sciurus ludovicianus neglectus.</i> (Gray), (antedates <i>vicinus</i> , Bangs.)	52 and 426
<i>Sciurus ludovicianus limitis.</i> Baird.	53

B. Neosciurus.

79. Sciurus carolinensis. Gmel.	53
<i>Sciurus carolinensis leucotis.</i> Gapper.	53
<i>Sciurus carolinensis hypophaeus.</i> Merr.	54
<i>Sciurus carolinensis fuliginosus.</i> Bachm.	55
<i>Sciurus carolinensis extimus.</i> Bangs.	55

C. Hesperosciurus.

80. † Sciurus griseus. Ord.	55
<i>Sciurus griseus nigripes.</i> Bryant.	56

D. Otosciurus.

81. Sciurus aberti. Woodh.	57
<i>Sciurus aberti ferreus.</i> True=‡concolor. True.	57

E. Araeosciurus.

82. Sciurus apache. Allen.	58
83. Sciurus arizonensis. Coues.	59
84. Sciurus huachuca. Allen.	60

* Called *Bison americanus* in the Synopsis. **Bos bison**, Linn. Syst. Nat., 1, 1766, p. 99, antedates *americanus*, Gmel.

† *Sciurus griseus anthonyi*, 74, b, p. 57 of the Synopsis, is not separable from **S. griseus**, and therefore becomes a synonym. (Vide Nelson, Proc. Acad. Scien. Wash., 1, 1900, p. 83.)

‡ Preoccupied. Vide True, Proc. Biol. Soc. Wash., xiii, 1900, p. 183.

F. *Tamiasciurus*.

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85. <i>Sciurus hudsonius</i> . Erxl.	60
<i>Sciurus hudsonius gymnicus</i> . Bangs.	61
<i>Sciurus hudsonius loquax</i> . Bangs.	62
<i>Sciurus hudsonius minnesota</i> . Allen.	62
<i>Sciurus hudsonius dakotensis</i> . Allen.	62
<i>Sciurus hudsonius baileyi</i> . Allen.	63
<i>Sciurus hudsonius ventorum</i> . Allen.	63
<i>Sciurus hudsonius richardsoni</i> . Bachm.	64
<i>Sciurus hudsonius streatori</i> . Allen.	64
<i>Sciurus hudsonius vancouverensis</i> . Allen.	64
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86. <i>Sciurus douglasi</i> . Bachm.	65
<i>Sciurus douglasi mollipilosus</i> . Aud. and Bach.	65
<i>Sciurus douglasi cascadenis</i> . Allen.	66
<i>Sciurus douglasi albolimbatus</i> . Allen.	66
87. <i>Sciurus fremonti</i> . Aud. and Bach.	66
<i>Sciurus fremonti mogollonensis</i> . Mearns.	67
<i>Sciurus fremonti neomexicanus</i> . Allen.	67
<i>Sciurus fremonti grahamensis</i> . Allen.	67

39. *Tamias*. Illig., 1811.

A. *Eutamias*.

88. <i>Tamias dorsalis</i> . Baird.	68
<i>Tamias dorsalis utahensis</i> . (Merr.)....	69
89. <i>Tamias palmeri</i> . (Merr.)....	69
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* ρ^7 εθρον=*Rhithrodontomys* nec *Reithrodontomys*.

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* No. 448 a. *Felis rufa maculata*, Vig. & Horsf., of the Synopsis, should be changed to *texensis*, Allen, and stand as follows:

Felis rufa texensis (Allen), Bull. Am. Mus. Nat. Hist. 1895, p. 188.

maculata, Vig. & Horsf., Zool. Journ., 18, 1829, p. 381, pl. 13. (nec Kerr.)

rufus, var *maculatus*, Aud. & Bach., N. Am. Quad., 11, 1851, p. 293.

And 448 h. *Felis rufa texensis* (Allen), should be omitted. Kerr's species, *Felis vulgaris maculatus* not being determinable.

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1857, p. 143.

Type locality. San Miguel Island, coast of California.

Geogr. Distr. Known only from type locality.

*Omitted in the Synopsis.

Genl. Char. Size very small, half that of *U. cinereo-argenteus*. Tail one-third as long as body without head.

Color. Diminutive miniature of the gray fox. Upper parts mixed grayish white and black; under parts brownish white; base of ears, sides of neck, lower portions of sides of the body and fore legs, cinnamon; chin and sides of muzzle black; lower part of face and throat white; tail with a black stripe above, sides grayish; beneath rusty.

Measurements. Total length, 622; tail vertebræ, 152; hind foot, 89.

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81. *Conepatus.

I. $\frac{3-3}{3-3}$; C. $\frac{1-1}{1-1}$; P. $\frac{2-2}{3-3}$; M. $\frac{1-1}{2-2} = 32$.

Conepatus. Gray, Ann. Mag. Nat. Hist., Ser. 2nd; 1, 1837, p. 581.

Body stouter than *Mephitis*; nostrils opening downward and forward, not laterally. First premolar absent. Pterygoid fossæ short and rather narrow; palate extending beyond posterior border of molar. Postorbital processes generally absent. Superior outline of skull a gradual curve from occiput to end of premaxillaries. Fore claws large and strong.

* Omitted in Synopsis.

507. *mapurito. (*Viverra*), Gmel. Syst. Nat., 1, 1788, p. 88.

Type locality. Unknown.

Geogr. Distr. Texas to Arizona, Mexico, Central America, and South America to Patagonia.

Color. Entire upper parts from crown of head to end of tail white, or yellowish white; sides and legs shining black; under parts dull black except a narrow line between jaws and throat which are white. Tail white above and below. Claws white.

Measurements. Total length (dried skin), 790; tail to end of hair, 370.

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* This tropical species is occasionally met with in certain portions of United States territory bordering on Mexico. The specimen here described was captured in Pinal County, Arizona.

† *caurina* has priority over *atrata* and should be the species, reversing the order in the Synopsis.

85. Putorius. Cuv., 1817.

*Bangs, O., *A Review of the Weasels of Eastern North America*, *Proc. Biol. Soc. Wash.*, Feb., 1896, pp. 11-24.

Merriam, C. H., *Synopsis of the Weasels of North America*, *N. Am. Fauna*, No. 11, June, 1896, pp. 5-36.

A. *Lutreola*.

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528. ‡*Putorius alleghenensis*. Rhoads, *Proc. Acad. Nat. Scien. Phil.*, 1901, p. 751.

Type locality. Beallsville, Washington County, Pennsylvania.

Geogr. Distr. Only known from Washington and Allegheny Counties, Pennsylvania.

Genl. Char. Size small, somewhat larger than *P. rixosus*. "Skull broader and flatter with interorbital space high, tumid and constricted posteriorly. No supra-orbital ridges."

Color. Summer Pelage. Upper parts and limbs walnut brown; under parts white. Lower foreleg and feet white; hind feet white on toes. Tail like back, walnut brown, tip blackish.

Winter Pelage. Pure white; blackish and brown hairs at tip of tail.

Measurements. Total length, 175; tail, 22; hind foot, 20.

* Citation of these two papers were inadvertently omitted in the Synopsis.

† *Nec ωναζ sed, ανα, αναζ.* = *Cynomyanax*.

‡ Published after the Synopsis.

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* Three genera have been employed for the Walrus: **Rosmarus**, applied to it in the sixteenth century by Gesner, &c.; **Odobænus**, Linnaeus in 1735, and **Trichechus**, Linnaeus in 1766. For those who take the 12th edition of the *Systema Naturae* as the starting point, there is no difficulty about a selection, for **Trichechus** is made to include both Walrus and Manatees, and as **Manatus** was taken for a genus of Sirenians, **Trichechus** naturally becomes the term for the Walrus. It is those who reject Linnaeus' more matured and completed edition of 1776, and select that of 1758 for their starting point, that trouble begins, and they are obliged to search for a generic term. In the 10th edition **Trichechus** includes the Manatees, and the Walrus is placed among the seals in **Phoca**. The edition of 1735 offers **Odobænus**, passing over, however, to reach it, **Rosmarus**, employed for the Walrus, as stated, in the sixteenth century, and used generically by Klein in 1751, and Scopoli in 1777. Authors have at various times employed all of these terms, and there has been much discussion as to which should be preferred, but no agreement has been reached, and there is not likely to be any until it is finally decided and accepted generally which edition of Linnaeus shall be the starting point, and how many years previous to that shall genera be recognized, and what authors shall be authorities for them. At present it would seem that the advocates for the 12th edition have the best of the argument, for there appears no doubt as to their genus for the Walrus, **Manatus** having been eliminated, and as it may be said that probably the majority of Naturalists still employ **Trichechus**, it would seem more advisable to continue that term, the one finally adopted by Linnaeus himself, and also the one most familiar to all, than to select either of the others with their contested claims.

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NOTE.—As this List is going to press the following description is received:

Didelphys marsupialis texensis.

D. m. texensis. Allen, Bull. Am Mus. Nat. Hist., 1901, p. 172.

Type locality. Brownsville, Texas.

Geogr. Distr. Neuces Bay southward, and Rio Grande Valley as far as Del Rio, Val Verde County.

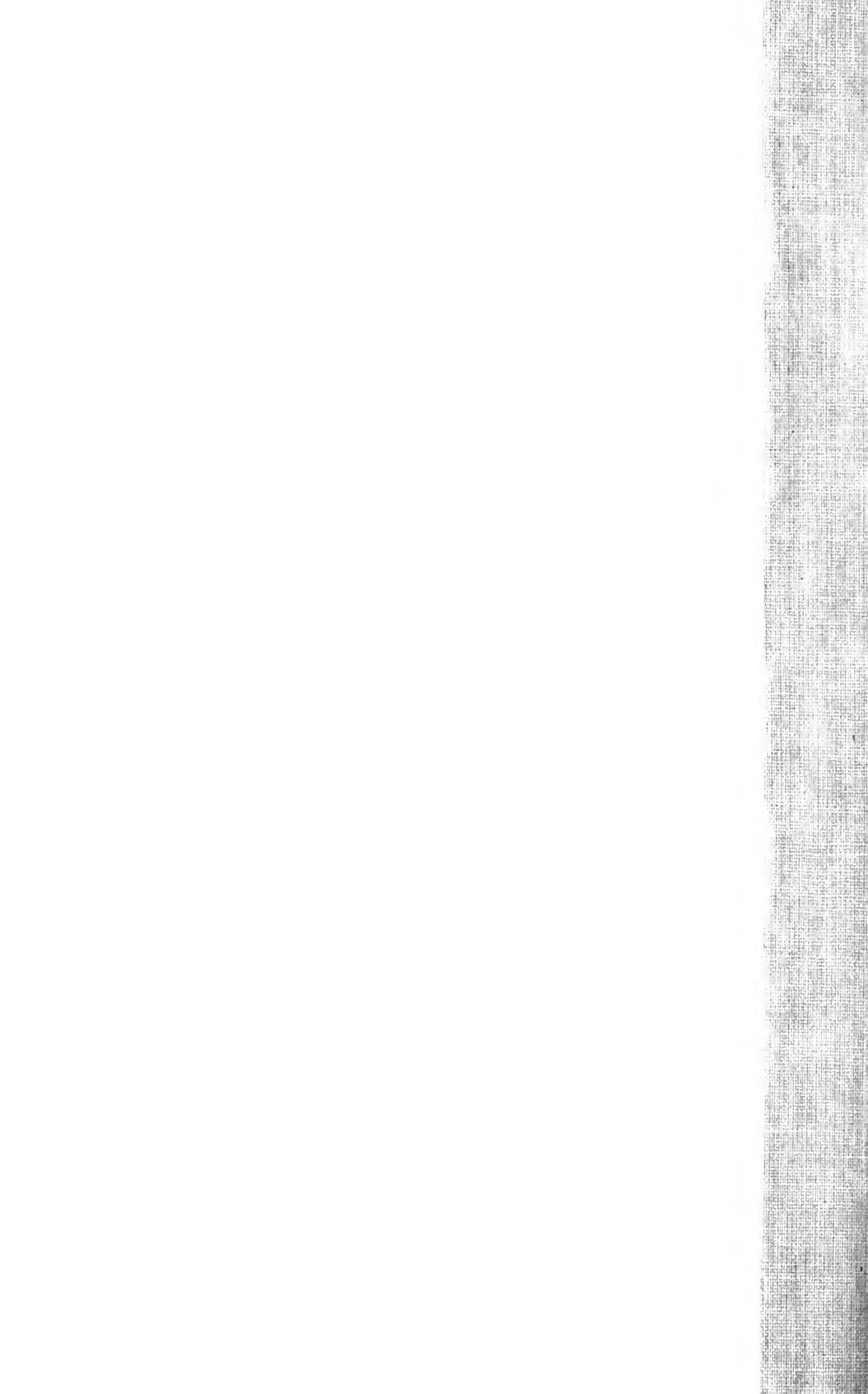
Differences from *D. marsupialis* consist in: "relatively longer tail, longer nasals, usually terminating posteriorly in an acute angle."

Measurements. Total length, 698-820; tail, 255-410; tarsus, 58-73.

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