

599,

CATALOGUE
OF
MAMMALIA
IN
THE COLLECTION
OF THE
AUSTRALIAN MUSEUM,
BY
GERARD KREFFT,
CURATOR AND SECRETARY.

SYDNEY:
PRINTED BY ORDER OF THE TRUSTEES.
1864.

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PREFACE.

This Catalogue contains a list of the specimens of the Class Mammalia deposited in the Australian Museum, the larger number of which are now exhibited on the Ground-floor of the Hall in cases 1 to 24; for the remaining specimens no space is available in the present building.

Cuviers system with some modification has been adhered to in the arrangement of the Catalogue, the synonyms &c., being compiled from *Dr. Gray's Catalogues of Mammalia in the British Museum*, from *Gould's Mammals of Australia*, and *Waterhouse's History of Mammalia*.

It has been found impossible from want of room to carry out the systematic arrangement of the Catalogue, but as the cases containing various families are distinctly labelled, no difficulty will be experienced in referring to them.

A synopsis of the Genera contained in the collection, and of their dentition has been added.

There are several Genera (marked by asterisks in the synopsis) and very many species of Australian Mammals which are not yet represented by examples in the Australian Museum. Gentlemen in the interior who are desirous to aid in the completion of the National Collection will find in the appendix proper direction, for the preservation of specimens which they may wish to contribute.

All donations are duly acknowledged by letter and a list of them is published once a month in the daily papers, and annually with the report of the Trustees.

GERARD KREFFT,

Curator and Secretary.

*Australian Museum,
Sydney, 1st October, 1864.*

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ERRATA.

- Page 34 line 35 read New South Wales, instead of Sydney.
Page 35 line 1 b. young male (in spirits), Sydney is to be
erased.
Page 35 line 3 read New South Wales, instead of Sydney.
Page 29 line 4 read the specimens, instead of the single speci-
men.
Page 28 line 12 read F. A. Blackman, instead of F. W. B.
Page 28 line 13 read Mrs. Edw. Forde, instead of Mrs. Ford
Page 35 line 7 read probably from East to West, instead of
from East to West
Page 36 line 30 read e., instead of f.
Page 48 line 8 read h. & i., instead of e & f.
Page 6 line 9 read Gray, instead of Krefft.
Page 76 line 9 read Myrmecophagidæ, instead of Mirmeco-
phagidæ.

LIST OF MAMMALIA.

ORDER PRIMATES.

FAM. SIMIADÆ.

SIMIA, Linn.

- SIMIA SATYRUS. The Orang-Outan or Pongo.
Simia Satyrus, Linn. Gray, *List of Mam. B. M.* p. 1.
S. Wormbii, Kuhl. S. Agrias, Schreb. t. 2. S.
Abellii, Fischer. (?) S. Morio, Owen. Satyrus rufus,
Lesson. Temm. *Monog.* ii. t. 41 to 46, and 70. Martin,
f. 264 to 270.
a. Skull of Adult.—Borneo. Presented by Dr. George
Bennett, F. Z. S.

PRESBYTES, Esch.

PRESBYTES CRISTATA. The Chingkau.

- Presbytes cristata, Gray, *List of Mam. B. M.* p. 3.
SIMIA cristata, Raffles, Linn. *Tr.* xiii. 244. Sem-
nopithecus pruinus, Desm. S. maurus, Horsf.
Zool. J. t.
a. Adult female. Eastern Java.—From the Leyden
Museum.

CERCOPITHECUS, Buffon.

CERCOPITHECUS ENGYTHITHIA. The Grivet or Tota.

- Cercopithecus engythithia. Gray, *List of Mam. B.*
M. p. 5. Simia engythithia, Herm. C. griseo-viridis,
Desm. C. canoviridis, Rüppel, *Fauna Abyss.* t. C. sub-
viridis, F. Cuv. *Mam. Lith.* t. C. cinereo-viridis,
Temm. *Mus. Leyd.* C. griseus, Lesson.
a. Adult male. Abyssinia.

CERCOPITHECUS SABÆUS. The Callithrix.

Cercopithecus Sabæus, *Erxl. Gray, List of Mam. B. M. p. 5.* *Simia sabæa*, *Linn. Edw. Glean. t. 215.* *Buffon, H. N. xiv. t. 37.* *Cerc. viridis*, *Herm.—Mam. Lith. t. Bennett, Gard. Z. S. 303.*

a. Adult male. Senegal.

CERCOPITHECUS PYGERYTHRUS. The Vervet.

Cercopithecus pygerythrus, *F. Cuv. M. Lith. t. Gray, List of Mam. B. M. p. 5.* *C. pygerythræus*, *Desm.* *C. pusillus*, *Desmoul.* *C. subviridis*, *F. Cuv.,*

a. Adult male, Africa.—From the South African Museum.

MACACUS, *Lacep.*

MACACUS RADIATUS. The Zati or Capped Macaque.

Macacus radiatus, *Desm. Gray, List of Mam. B. M. p. 7.* *Cercop. radiatus*, *Kuhl.* *Simia pileata*, *Shaw; Buffon, Supp. viii. t. 16.* *Bennett, Tower Menag. 147.*

a. Adult. India.

MACACUS CYNOMOLOGUS. The Macaque.

Macacus cynomolgus, *Desm. Gray, List of Mam. B. M. p. 7.* *Simia cynomolgos*, *Linn.* *S. fasciculata*, *Raffles.* *S. Attys*, *Schreb.* *S. Aygula*, *Linn.* *Mac. Iris*, *J. Geoff.* Var. ? *M. carbonarius*, *F. Cuv. Mam. Lithog. t. Buffon, H. N. xiv. t. 13 and 21.*

a. Adult male. Java.—From the Leyden Museum.

SILENUS, *Gray.*

SILENUS VETER. The Wanderoo.

Silenus veter. *Gray, List of Mam. B. M. p. 8.* *Simia silenus*, and *S. veter*, *Linn.* *S. ferox*, and *S. leonina*, *Shaw, t. 17 and 26.* *Cercop. senex*, *Zimm.* *C. vetulus*, *Erxl. Bennett, Gard. Z. S. 21.*

a. Young male. Ceylon.

CYNOCEPHALUS, *Desm.*

CYNOCEPHALUS BABOUIN. The Baboon.

Cynocephalus babouin, *Desm. Gray, List of Mam. B. M. p. 9.* *Simia cynocephalus*, *Fischer.* *S. anomala*, *Link.* *Cyn. antiquorum*, *Schreb.* *F. Cuv. Mem. Mus. iv. t. 19.* *Buffon, H. N. xiv. t. 14.*

a. Adult. Africa.

FAM. CEBIDÆ.

ATELES, *Geoff.*

ATELES PANISCUS. The Coaita.

Ateles Paniscus, *Geoff. Gray, List of Mam. B. M. p. 10.* *Simia Paniscus*, *Linn. Buffon H. N. xv. t. 1.* *Mam. Lith. t.*

a. Skin. Brazils.

IACCHUS, *Geoff.*

IACCHUS VULGARIS. The Marmoset.

Iacchus vulgaris, *Geoff. Pr. Max. Abbild. t. Gray, List of Mam. B. M. p. 14.* *Simia iacchus*, *Linn. Edw. Gl. t. 218.* *Buff. H. N. xv. t. 14.* *Mam. Lith. t.*

a. & b. Adult male and female. Brazils.

FAM. LEMURIDÆ.

LEMUR, *Linn.*

LEMUR CATTAL. The Ring-tailed Macaoco.

Lemur catta, *Linn. Edw. Birds, iv. t. 197.* *Gray, List of Mam. B. M. p. 15.* *Mus. Lever. t. 11.* *Buffon, H. N. xiii. t. 22.*

a. Adult, Madagascar.—From the Botanical Gardens.

FAM. VESPERTILIONIDÆ.

A. Fruit-eating Bats.

PTEROPUS, *Brisson*.

PTEROPUS POLIOCEPHALUS. The Grey-headed Kalong Flying Fox or Grey-headed Vampire.

Pteropus poliocephalus, *Temm. Monog.* i. 179. ii. 66. *Gray, List of Mam. B. M.* p. 36. *Gould, Mam. of Austr.* Vol. iii. pl. 28.

a. Adult male. Sydney.—Presented by Mr. Edw. S. Hill.

b. Adult female. Cooks River.—Presented by Mr. Arch. Boyd.

c. Adult male (in spirits). Domain, Sydney.—Presented by Mr. Arch. Boyd.

d. Skeleton. Sydney.

Habitat. South Eastern Coast Districts of Australia from Cape Howe to Queensland; in very dry seasons ranging as far as the neighbourhood of Melbourne; in December, January and February 1863 large numbers of this bat appeared near and in the streets of the city of Sydney. *G. K.*

PTEROPUS FUNEREUS. The Funereal Vampire or Red-naped Kalong.

Pteropus funereus, *Temm. Mon.* ii 63. t. 35. f. 4. *Gray, List of Mam. B. M.* p. 37. *Gould, Mam. of Austr.* Vol. iii. pl. 30. The Abwore, of the Aborigines of Port Essington.

a. Adult. Fiji Islands.—Presented by Mr. Milne.

Habitat. North East and North Coast of Australia and Fiji Islands. *G. K.*

PTEROPUS EDULIS. The Kalong.

Pteropus edulis, *Péron and Lesueur. Temm. Monog.* t. 15. f. 1-6. ii. t. 35. f. 1. *Gray, List of Mam. B. M.* p. 37. *Vesp. Vampyrus*, *Linn.* V. Calaneo, *Herm. Obs.* P. Javanicus, *Desm. Horsf. Java*, t.

a. Adult male. Large specimen. Java.—From the Leyden Museum.

PTEROPUS CONSPICILLATUS. The Spectacled Vampire.

Pteropus conspicillatus. *Gould, P. Z. S.* 1849. p. 109. and *Mam. of Austr.* Vol. iii. pl. 29.

a. Adult. Port Essington.—Presented by Dr. Ludwig Leichardt.

Habitat. Fitzroy Island off North East Coast of Australia. *Gould.*

PTEROPUS—(?)

a. Uniform Grey. New Hebrides.—Presented by His Honor Sir Alfred Stephen C. B., Chief Justice.

PTEROPUS—(?)

a. Adult. Reddish. Africa.—From the South African Museum.

CYNOPTERUS, *Gray*.

CYNOPTERUS MARGINATUS. The Margin-eared Cynoptere.

Cynopterus marginatus, *Gray, List of Mam. B. M.* p. 38. *Pteropus pyrivorus*, *Hodgson, P. Z. S.* 1836. 46. *P. Tittacheilus*, *Temm. Vesp. marginatus*, *Hamilton.*

a. Adult male. Java.—From the Leyden Museum.

PACHYSOMA.

PACHYSOMA BRACHYOTIS. The Short-eared Pachysoma.

Pachysoma brachyotis. *Müller.*

a. Adult. Borneo.—From the Leyden Museum.

PACHYSOMA.—(?)

a. Adult.—Habitat unknown.

MACROGLOSSUS, *Lesson*.

MACROGLOSSUS MINIMUS. The Kiodot.

Macroglossus minimus, *Gray, Mag. Z. and B. List of Mam. B. M.* p. 39. *Pteropus minimus*, *Geoffr. Ann. Mus.* xv. 535. *P. rostratus*, *Horsf. Z. Java*, t. *Temm.*

Monog. i. 191. t. 15, f. 25, 30. t. 16. f. 1, 2. *Macroglossus kioldotes* and *M. Horsfieldii*, *Lesson*.—*Mamm. Lith.* t.

a. Adult female. Java.

b. Adult. Java.—From the Leyden Museum.

B. INSECTIVOROUS BATS.

MOLOSSUS, *Geoff.*

MOLOSSUS WILCOXI. Wilcox's *Molossus*.

Molossus Wilcoxi, *Krefft. P. Z. S.* 1864.

a. Adult male. Clarence River.—Presented by Mr. James F. Wilcox.

Habitat. Clarence River district and neighbourhood of Brisbane, Queensland. G. K.

NYCTOPHILUS, *Leach.*

NYCTOPHILUS GOULDI. Gould's *Nyctophilus*.

Nyctophilus Gouldi. *Tomes, P. Z. S.* 1858. p. 31.

N. Geoffroyi, *Leach. Gould, Mam. of Austr.* Vol. III. pl. 37.

a. Adult male. Sydney.—Presented by Mr. W. S. MacLeay, M.A. F.L.S. &c.

b. Adult male (in spirits). Botany.—Presented by Mr. Alfred McIntosh.

c. Adult male (in spirits). Ash Island. Presented by Mr. A. W. Scott. M.A.

Habitat. New South Wales.

PETALIA, *Gray.*

PETALIA JAVANICA. Kuhl's *Petalia*.

Petalia Javanica, *Gray, Mag. Z. and B.* II. 12. *List of Mam. B. M.* p. 24. *Vesp. pollicaris*, *Deschamp.* *Mss. Nycteris Javanica*, *Geoff. Ann. Mus.* xx. t. 1. N. Kuhl's, *Temm.*

a. to g. Java.—From the Leyden Museum.

SCOTOPHILUS, *Leach.*

SCOTOPHILUS PUMILUS. The Little Bat or Dwarf Bat.

Scotophilus pumilus, *Gray, App. Grey's Narrat.* II. 406. *Gould, Mam. of Austr. P. ix.* *Gray, List of Mam. B. M.* p. 30.

a. Adult male (in spirits). Clarence River.—Presented by Mr. James F. Wilcox.

Habitat. New South Wales.

SCOTOPHILUS MURINUS. The Common Bat of Europe.

Scotophilus murinus, *Gray, List of Mam. B. M.* p. 28, and *Mag. Z. and B.* II. 15. *Vespertilio murinus* Linn. V. *pipistrellus*, *Schreb. Geoff. Ann. Mus.* VIII. t. 47. 48. *Bell. Brit. Quad.* 23-30. fig. *Bonap. F. Ital. t. Daubent. Mem. Acad.* 1759, t. 1. f. 3. *Buffon, H. N.* VIII. t. 19. *Vesperugo pipistrellus*, *Blasius, Wirbelthiere* p. 61.

a. & b. Adult male and female.—Brunswick, Germany. Presented by Mr. Gerard Krefft.

SCOTOPHILUS NIGROGRISEUS. The Blackish-grey *Scotophilus*.

Scotophilus nigrogriseus, *Gould, Mam. of Austr.* Vol. III. pl. 44.

a. & b. Adult females (in spirits). Clarence River.—Presented by Mr. James F. Wilcox.

c. & d. Adult. North Australia.—Presented by Mr. Thomas Wall.

Habitat. North East, and North Australia.

SCOTOPHILUS GREYI. Grey's *Scotophilus*.

Scotophilus Greyi. *Gray, List of Mam. B. M.* p. 30. *Gould, Mam. of Austr.* Vol. III. pl. 45.

a. Adult (in spirits). Port Denison.—Presented by Mr. William Macleay, M.L.A.

Habitat. North, and North East Australia.

SCOTOPHILUS GOULDI. Gould's Bat.

Scotophilus Gouldi, *Gray, Grey's Travels, Appendix* vii. p. 405. *List of Mam. B. M.* p. 30. *Gould, Mam. of Austr.* Vol. iii. pl. 40.

a. Adult male (in spirits). New South Wales.

Habitat. Southern portions of Australia.

SCOTOPHILUS MORIO. The Chocolate or Australian Bat.

Scotophilus morio, *Gray, Grey's Travels, App.* V. ii. p. 405. *List of Mam. B. M.* p. 29. *Gould, Mam. of Austr.* Vol. iii. pl. 41.

a. & b. Adult male (in spirits). Sydney.

c. Adult male (in spirits). Sydney.—Presented by Mr. Arch. Boyd.

d. Female (in spirits). Ash Island.—Presented by Mr. A. W. Scott, M.A.

e. & f. Female (in spirits). Port Macquarie.

g. Female (in spirits). Botany.—Presented by Mr. Alfr. McIntosh.

Habitat. Southern portions of Australia.

PLECOTUS, Geoff.

PLECOTUS COMMUNIS. The Common Long-eared Bat.

Plecotus communis, *Less. Gray, List of Mam. B. M.* p. 25. *Oreillard, Daub. Mem. Acad. Par.* 1759. f. 1. 2. *Vespertilio auritus*, Linn. *Plecotus brevismanus*, *Jenyns, Linn, trans.* xvi. t. 1. f. 2. *Edw. Birds*, t. 201. *Plecotus auritus*, *Blasius, Wirbelthiere*, p. 39.

a. Adult. Brunswick, Germany.—Presented by Mr. Gerard Krefft.

PLECOTUS CHRISTII. The Egyptian Long-eared Bat.

Plecotus Christii, *Gray, Mag. Z. & B.* ii. 13. *List of Mam. B. M.* p. 25. *P. leucomelas*, *Rüppell, Atlas*, t. 28. b. ?

a. Adult female (in spirits). Egypt.—Presented by Mr. George MacLeay.

VESPERTILIO, Linn.

VESPERTILIO IMBRICATUS.

Vespertilio imbricatus, *Horsf. V. gedeensis. Temm. Monog.* p. 216. *tab. 54. fig. 1. 2. 3.*

a. to d. Adult males. Java.—From the Leyden Museum.

VESPERTILIO TENUIS.

Vespertilio tenuis, *Temm. Monog.* p. 220. p. 57, f. 5. and 6.

a. b. Adult Skins. Java.—From the Leyden Museum.

VESPERTILIO MACROPUS. The Great-footed Bat.

Vespertilio macropus, *Gould, Mam. of Austr.* Vol. iii. pl. 47.

a. Adult male (in spirits). Botany.—Presented by Mr. Alfred McIntosh.

b. Skin. Sydney.

Habitat. South Australia. *Gould.*
East Coast of Australia. *G. K.*

VESPERTILIO TASMANENSIS. The Tasmanian Bat.

Vespertilio Tasmanensis, *Gould, Mam. of Austr.* Vol. iii. pl. 48. *Noctulina Tasmanensis. Gray, List of Mam. B. M.* p. 194.

a. Skin. Tasmania.

Habitat. Tasmania, New South Wales. ?

TRILATITUS, Gray.

TRILATITUS BLEPOTIS. The Blepote.

Trilatitus blepotis, *Gray, List of Mam. B. M.* p. 26. *Ann. and Mag. Nat. Hist.* 1842. 258. *Vespertilio blepotis*, *Temm. Mon.* ii. 212. t. 53. f. 1, 2.

a. to c. Adult. Ceram.—From the Leyden Museum.

NYCTICEJUS, Temm.

NYCTICEJUS TEMMINCKII. Temminck's Nycticejus.

Nycticejus Temminckii, Horsf.

a. Adult. Java.

b. to g. Adult. Var. *versicolor*. Java—From the Leyden Museum.

RHINOLOPHUS, Geoff.

RHINOLOPHUS NIPPON. The Japan Horse-shoe Bat.

Rhinolophus Nippon, Temm. Monog. p. 30.

a. Adult female. Japan.

b. Young male. Japan.

RHINOLOPHUS HIPPOSIDEROS. The smaller Horse-shoe Bat.

Rhinolophus hipposideros. Gray, *List of Mam. B. M.* p. 22., and Blasius, *Wirbelthiere*, p. 29. Geoff. Leach. Z. Misc. t. 121. Rh. bihastatus, Geoff. Ann. Mus. t. 5. Temm. Monog. 34. Vespertilio minutus Montg. Linn. trans. ix. t. 18. f. 6. V. ferrum equinum. B. Gmel. Noctilio hipposideros, Bechst. Petit fer à cheval, Daub. Buffon. H. N. v. t. 20. R. hippocrepis, Herm. Selys. F. B. t. 2. f. 2.

a. Adult (in spirits). Lombardy.—Presented by Mr. Gerard Krefft.

RHINOLOPHUS FERRUM EQUINUM. The larger Horse-shoe Bat.

Rhinolophus ferrum equinum, Leach, Zool. Misc. III. 2. Gray, *List of Mam. B. M.* p. 23. Blasius *Wirbelthiere*, p. 31. Vespertilio ferrum equinum. Schreb. t. 62. Rh. unihastatus, Geoff. Ann. Mus. xx. 261. t. 5. Daub. Mem. Acad. Par. 1759, t. 2. f. 4. Buffon, H. N. VIII. t. 12. f. 2. Selys. F. Belg. 2. f. 1.

a. Adult. St. Gotthard, Switzerland.—Presented by Mr. Gerard Krefft.

RHINOLOPHUS MEGAPHYLLUS. The Large-leaved Horse-shoe Bat.

Rhinolophus megaphyllus, Gray, P. Z. S. III. 52. *List of Mam. B. M.* p. 22. Gould, *Mam. of Austr.* Vol. III. pl. 33.

a. Adult female (in spirits). Sydney.—Presented by Mr. Arch. Boyd.

b. Adult female (in spirits). Ash Island.—Presented by Mr. A. W. Scott, M.A.

Habitat. New South Wales and the Northern District of Victoria.

ORDER FERÆ.

FAM. FELIDÆ.

LEO, Leach.

LEO BARBARUS. The Lion.

Leo Barbarus, Gray, *List of Mam. B. M.* p. 32. Felis Leo, Linn. Leo africanus, Swains. F. Leo Barbarus, Fisch. Bennett, *Tower Menag.* II. 17. and 24. fig. Buff. ix. t. 1, 2. Mam. Lithog. t. Menag. Mus. t.

a. Young female, born at Watson's Bay.—Presented by Mrs. Billing.

TIGRIS, Gray.

TIGRIS REGALIS. The Tiger.

Tigris regalis, Gray, *List of Mam. B. M.* p. 40. Felis Tigris, Linn. Buffon, ix. t. 9. Griffiths, A. K. t. 65. (and t. 66, white.) Bennett, *Tower Menag.* 25. fig.

a. Skull of adult. India.

b. Adult female. India.—Presented by Mr. Wm. Beaumont.

c. Skull of adult.—From the South African Museum.

LEOPARDUS, Gray.

LEOPARDUS VARIUS. The Leopard or Panther.

Leopardus varius, Gray, *List of Mam. B. M.* p. 40.
Felis leopardus and *F. varia*, Schreb. *F. Pardus*,
Linn? *Cuv. F. Nimr. Ehrenb. F. Panthera, Erxl. F.*
antiquorum, Fischer. F. Melas, Péron. F. chaly-
beata, Herm. F. fusca, Meyer. Bennett, Tower Menag.
 35. fig. *Menag. Z. S.* i. 37. fig. *Buffon*, ix. t. 11.
Griffith. A. K. t. 71, and 72. *Menag. Mus.* t.

a. Adult female. Cape of Good Hope.—Presented
 by Mr. Wm. Beaumont.

b. & c. Skulls. India.

LEOPARDUS CONCOLOR. The Puma.

Leopardus concolor. Gray, *List of Mam. B. M.* p. 41.
Felis concolor, *Linn. discolor, Schreb. F. Puma,*
Shaw. Cougar, Buffon, ix. t. 19. *Gonazouara,*
Azara. Puma, Hernand. Bennett, Tower Menag.
 49. fig.

a. Very young Cub. North America. (?)

FELIS, Linn.

FELIS CATUS. The Wild Cat.

Felis catus, *Linn. Buffon*, vi. t. 1. *Voy. Morée.* t. 1.
Gray, List of Mam. B. M. p. 44. *Blasius, Wirbel-*
thiere. p. 161.

a. Adult, North Germany.—From the Hamburg Mu-
 seum.

b. Adult, Hartz Mountains.—Presented by Mr. Gerard
 Krefft.

FELIS DOMESTICA. The Cat.

Felis domestica, *Brisson. Gray, List of Mam. B. M.*
 p. 44. *Blasius, Wirbelthiere*, p. 167. *F. Catus do-*
mesticus, Schreb. Buffon, vi. t. 2.

a. Skull of adult male. Sydney.

b. Skin. Japan.—From the Leyden Museum as *F.*
minuta. Temm.

CHAUS, Gray.

CHAUS LIBYCUS. The Chaus.

Chaus libycus, Gray, *List of Mam. B. M.* p. 45. *Fe-*
lis affinis, Gray. F. Chaus, Guldens. Humb. F.
Cuv. Mam. Lithog. t. Rüpp. Atlas, t. 4. *F. Dongo-*
lensis, Hemp. and Ehr. F. caligata, Bruce, ii. 30. ?
F. Libycus. Oliv. F. Catalynx, Pallas, Lynceus ery-
throtus, Hodgson, Zool. Nep. t. F. Kutas, Pearson. F.
Ruppellii, Brant.

a. Adult. South Africa.—From the South African
 Museum.

b. Skull. Africa.

LYNCHUS, Gray.

LYNCHUS CANADENSIS. The Peeshoo or Canada Lynx.

Lynx canadensis, Gray, *List of Mam. B. M.* p. 46.
Felis canadensis, Geoff. Richards, N. Z. 101. *F. Bo-*
realis, Temm. Buffon, Supp. iii. t. 44. Cat Lynx,
Penn. Carcajou, Charlevoix.

a. Adult. North America.—From the Niagara-falls
 Museum.

GUEPARDA, Gray.

GUEPARDA JUBATA. The Jouze or Chetah.

Gueparda jubata, Gray, *List of Mam. B. M.* p. 46.
Felis jubata, Schreb. F. guttata, Herm. F. Fearonis,
A. Smith? F. venatica, H. Smith. Hunting cat,
Penn. Bennett, Tower Menag. 61. fig. *Buffon, Supp.*
 iii. t. 38.

a. Adult. Africa?

HYÆNA, Brisson.

HYÆNA STRIATA. The Striped Hyæna.

Hyæna striata, *Zimm. Gray, List of Mam. B. M.* p.
 46. *Canis Hyæna, Linn. H. vulgaris, Desm. H.*
orientalis, Tied. H. antiquorum, Temm. Hoondar,
Williamson, Buff. ix. t. 25. Supp. iii. t. 46. Menag.
Mus. t. Mam. Lithog. t. Bennett, Tower Menag. 71. fig.
 a. Skeleton. Madras.—From the Madras Government
 Central Museum.

VIVERRA, Linn.

VIVERRA CIVETTA. The Civet.

Viverra Civetta, Schreb. Bennett, *Tower Menag.* 99. fig. Buffon, IX. t. 34. Menag. Mus. t. Gray, *List of Mam. B. M.* p. 47.

a. South Africa.—From the South African Museum.

VIVERRA MALACCENSIS. The Rasse.

Viverra Malaccensis, Gmel. from Sonnerat, *Voy.* t. 91. Gray, *List of Mam. B. M.* p. 48. V. Gunda, Hamilton. V. Rasse, Horsf. Z. R. t. V. Indica, Geoff. V. Bengalensis, *Illust. Ind. Zool.* I. t. 4. ? V. felina var. Cuv. and Fischer. V. Leveriana, Shaw, Mus. Lever. t. 21. Genetta Manillensis, Eydoux. Bennett, *Tower Menag.* 103. fig.

a. Madras.—From the Madras Government Central Museum.

HERPESTES, Illig.

HERPESTES ICHNEUMON. The Ichneumon.

Herpestes Ichneumon, Gray, *List of Mam. B. M.* p. 51. Viverra Ichneumon, Linn. Ichneumon Pharaonis, Geoff. I. Ægypti, Tiedem. I. Edwardsii, Geoff. Edw. Birds, t. 199. I. Plinii, Shaw. Mam. Lithog. t. H. major, Geoff. from Buffon, *Supp.* III. t. 26.

a. Skull. South Africa.—From the South African Museum.

HERPESTES JAVANICUS. The Garangan.

Herpestes Javanicus, Gray, *List of Mam. B. M.* p. 51 & 52. Mangusta Javanica, Horsf. Z. R. t. Mustela glauca, Linn.? V. Mungo, Gmel.? V. Mangusta, Zimm. Must. galera, Desh.

a. b. & c. Adult. Java.—From the Leyden Museum.

HERPESTES PALUDOSUS. The Brown Ichneumon.

Herpestes paludosus, Cuv. Gray, *List of Mam. B. M.* p. 52. Mangusta urinatrix, A. Smith. H. palustris

Rüppell. H. griseus, Burchell. H. Caffer, Mus. Stuttgard.

a. & b. Adult. Cape of Good Hope.

c. Skull.—From the South African Museum.

HERPESTES PULVERULENTUS.

Herpestes pulverulentus. Hamburg Mus. Mss.

a. Skeleton.—From the Hamburg Museum.

CYNICTIS, Ogilby.

CYNICTIS LEVAILLANTII. The Meerkat.

Cynictis Levallantii, Gray, *List of Mam. B. M.* p. 53. Herpestes penicillatus, Cuv. Ichneumia albescens, I. Geoff. Mag. Zool. 1839, t. 12. (no descrip.) Cynictis Steadmanni, Ogilby. C. typicus, A. Smith. Mangusta Levallantii, A. Smith, *Zool. Jour.* Meerkat, Burrow, Trav. Rattel, Swainson Lardn. Ency. 159. f. 71.

a. Adult. South Africa.—From the South African Museum.

SURICATA, Desm.

SURICATA ZENICK. The Zenick.

Suricata Zenick, Gray, *List of Mam. B. M.* p. 53. Viverra Suricata, Erxl. V. tetradactyla, Pallas, from Buffon, XIII. t. 8. Sur. viverrina, Desm. V. Zenik, Gmel. from Sonnerat, *Voy.* t. 92. Miller, Cim. Phys. t. 2. Ryzæna Capensis, Lesson.

a. Adult. South Africa.—From the South African Museum.

PARADOXURUS, Gray.

PARADOXURUS MUSANGA. The Musang.

Paradoxurus Musanga, Gray, P. Z. S. 1832, 66. Gray, *List of Mam. B. M.* p. 56. Viverra Musanga, Raffles. Mursden, Sumatr. t. 12. n. 2. Horsf. Z. J. t. 5.

a. Adult male. Java.—From the Leyden Museum.

CANIS, Linn.

CANIS FAMILIARIS. The Dog.

Canis familiaris, Linn. *S. N.* i. 56. Gray, *List of Mam. B. M.* p. 57. Blasius, *Wirbelthiere*. p. 186.

a. Skull of Pointer.

CANIS DINGO. The Dingo.

Canis Dingo, Blumenb. Shaw, i. t. 76. Gray, *List of Mam. B. M.* p. 57. Gould, *Mam. of Austr.* Vol. III. pl. 51. 52. Dwer-da. Aborig. of West Austr. Warrigal. Aborig. of Lower Murray District. *Canis* fam. Australasiæ, Desm. Bennett, *Menag. Z. S.* i. 51 fig.

a. Skull. N. S. Wales.

b. & c. Adult male and female. Queensland.

d. Skeleton. N. S. Wales.—From the Botanical Gardens.

CANIS MESOMELAS. The Black-backed Jackal.

Canis mesomelas, Schreb. t. 95. Gray, *List of Mam. B. M.* p. 58. *C. variegatoides*, A. Smith. *S. Afri. Quart. Jour.* II. 30. Jackhals, Kolbe.

a. Cape of Good Hope.—From the South African Museum.

b. Skull. South Africa.

CANIS AUREUS. The Jackal or Kholah.

Canis aureus, Linn. Gray, *List of Mam. B. M.* p. 58. Blasius, *Wirbelthiere*. p. 184. fig. 112 & 113. *Canis micrurus*, Reichb. F. Cuv. *Mam. Lithog.* t. Bennett, *Tower Menag.* 97. fig.

a. & b. India.—From the Madras Government Central Museum.

CANIS. Sp. ?

a. Large species of Jackall, probably a variety of *Canis mesomelas*. Schreb.—From the South African Museum.

VULPES, Ray.

VULPES VULGARIS. The Fox.

Vulpes vulgaris, Brisson. Gray, *List of Mam. B. M.* p. 59. *Canis vulpes*, Linn. *S. N.* Bell, *B. Quad.* 252. fig. Blasius, *Wirbelthiere*. p. 191.

a. Head with Skin. Europe.

b. Adult. North Germany.

c. Skull. Germany.

d. & e. Skull of young. Germany.

VULPES LAGOPUS. The Arctic Fox, or Pescey.

Vulpes Lagopus, Gray, *List of Mam. B. M.* p. 60. *Canis Lagopus*, Linn. *C. fuliginosus*, Shaw. Nilsson, *Fauna*, t. 6, 7. Pied fox, James. Stone fox, Isatis, Godman. Terienniak, Greenlanders.

a. Pure White. (Winter coat.) Scandinavia?

VULPES CINEREO-ARGENTATUS. The Kit Fox.

Vulpes cinereo-argentatus, Rich. N. Z. 98. Gray, *List of Mam. B. M.* p. 60. *Canis velox*, Say. *Canis cinereo-argentatus*, Schreb.? Sabine. *C. griseus*, Schreb.? Le Réard tricolor, F. Cuv. *Mam. Lithog.* t. Archithine fox, Penn. Kit, or small burrowing fox, Lewis and Clark. Swift fox, Godman. Fulvous-necked fox, Shaw.

a. Adult. North America.—From the Niagara Falls Museum.

b. Adult. North America.

MARTES, Cuv.

MARTES ABIETUM. The Pine Marten.

Martes abietum, Ray. Gray, *List of Mam. B. M.* p. 63. *Mustela Martes*, Linn. Blasius, *Wirbelthiere*, p. 213. fig. 122. *Martes vulgaris*, Gray, *Buffon*, VII. t. 22. Bell, *B. Quad.* 170. fig.

a. Adult. Brunswick. Germany.

MARTES FOINA. The Beech Marten.

Martes foina, *Gray, List of Mam. B. M.* p. 63. *Mustela foina, Brisson. Blasius, Wirbelthiere*, p. 217. fig. 123. *Martes fagorum, Ray. Martes domestica, Gesner. Bell, B. Q.* 167. fig. *Buff. H. N.* vii. t. 18.

a. Adult. Germany.

PUTORIUS, *Cuv.*

PUTORIUS FOETIDUS. The Pole Cat.

Putorius foetidus, Gray, List of Mam. B. M. p. 64. *Mustela putorius, Linn. M. foetida, Klein. P. typus, F. Cuv. P. communis, Cuv. P. vulgaris, Gray. Buffon, H. N.* vii. t. 123. *Bell, B. Q.* 156. fig. *Foetorius putorius, Blasius, Wirbelthiere*, p. 219. fig. 124.

a. & b. Adult. Germany.

VISON, *Gray.*

VISON LUTREOLA. The Mink, or Nurek Vison.

Vison lutreola, Gray, List of Mam. B. M. p. 64. & 65. *Viverra lutreola, Linn. Mustela Vison, Brisson. M. lutrecephala, Harl. Lutra minor, Erxl. Pallas, Spic. t. 3. f. 1. Buffon, XIII. t. 43. Otay, Sagard. Fontereau, La Montan. Jackash, Hearne. Mink or Minx, Fur Traders. Marsh Otter, Langsdorff. Foetorius lutreola, Blasius, Wirbelthiere*, p. 234.

a. Adult. North America.—From the Niagara-Falls Museum.

MUSTELA, *Linn.*

MUSTELA VULGARIS. The Weasel.

Mustela vulgaris, Brisson, Linn. Gray, List of Mam. B. M. p. 65. *Mustela nivalis, Schreb. from Buffon, H. N.* vii. t. 29. f. 1. *Females, Mousehunter, Cambridgehire, Bell, B. Q.* 141. fig. *Foetorius vulgaris, Blasius, Wirbelthiere*, p. 231.

a. Skull. Europe.

MUSTELA ERMINEA. The Stoat and Ermine.

Mustela Erminea, Linn. Buff. H. N. vii. t. 19. f. 2. t. 21. f. 1. *Bell, B. Q.* 148. fig. *Gray, List of Mam. B. M.* p. 65. *Foetorius Erminea, Blasius, Wirbelthiere*, p. 228.

a. & b. Adult. Winter coat, }
d. & e. Adult. Summer coat, } Germany.

MUSTELA FURO. The Ferret.

Mustela furo. Blasius, Wirbelthiere, p. 225.

a. Adult. Germany.

MUSTELA XANTHOGENYS. The Yellow-cheeked Weasel.

Mustela xanthogenys, Gray, Ann. and Mag. N. H. 1843. *List of Mam. B. M.* p. 66. *Voy. Sulphur, t. M. Brasiliensis, Sevest. M. Acad. Pet.* iv. 356. t. 4. (bad)? *M. Javanica, Seba, Thes.* i. 77. t. 48. f. 4. (bad)? *M. erminea var. Pallas, Zool. Ros. Asiat.* 92. from *Seba's Spec.*

a. Adult. North America.—From the Niagara Falls Museum.

MUSTELA SIBIRICA. The Chorok.

Mustela Sibirica, Pallas. Spic. Zool. xiv. 86. t. 4. f. 2. *Gray, List of Mam. B. M.* p. 66.

a. Adult. Siberia.—From Mons. Verreaux's collection.

MUSTELA ITATSI. The Japanese Weasel.

Mustela itatsi, Temm. Fauna Japonica.

a. & b. Skins. Japan.—From the Leyden Museum.

MEPHITES, *Cuv.*

MEPHITES VARIANS. The Skunk.

Mephites varians, Gray, Mag. N. H. i. 581. *List of Mam. B. M.* p. 69. *M. vittata, Licht. Säugth.* t. 47. ? *M. Americana, Dekay, Zool. N. York*, t. 12. f. 1. bad.

a. Adult. North America.—From the Niagara Falls Museum.

MELES, Linn.

MELES TAXUS. The Badger.

Meles Taxus, Gray, *List of Mam. B. M.* p. 70. Blasius, *Wirbelthiere*, p. 204. fig. 118. Ursus Meles, Linn. U. Taxus, Blumenb. Meles Europæus and M. vulgaris, Deam. Buffon, vii. t. 7. 8. Bell, *B. Quad.* 122. fig.

- a. & b. Adult.
c. Skeleton.
d. Skull.

} Germany.

LUTRA, Ray.

LUTRA VULGARIS. The Otter.

Lutra vulgaris, Excl. Bell, *B. Q.* 129. fig. Gray, *List of Mam. B. M.* p. 70. Blasius, *Wirbelthiere*, p. 236. fig. 126. to 131. Mustela Lutra, Linn. Buffon, vii. t. 11. Lutra Roensis, Ogilby.

- a. Adult. Brunawick, Germany.
b. Skeleton. Germany.
c. Skull.

d. & e. Skins. Holland.—From the Leyden Museum.

FAM. URSIDÆ.

URSUS, Linn.

URSUS ARCTOS. The Bear.

Ursus Arctos, Linn. Gray, *List of Mam. B. M.* p. 72. Blasius, *Wirbelthiere*, p. 196. fig. 116. U. Pyrenæicus, U. Norvegicus and U. collaris, F. Cuv. U. formicarius and U. cadaverinus, Eversm. Bull. Soc. Nat. Mosc. 1840. Buffon, viii. t. 31.

a. Adult. Europe.—Presented by Mr. W. Beaumont.

Ursus——?

- a. Skull.

HELARCTOS, Horsf.

HELARCTOS MALAYANUS. The Bruang.

Helarctos Malayanus, Horsf. Gray, *List of Mam. B. M.* p. 73. Ursus Malayanus, Raffles. Horsf. *Z. Java*, t. F. Cuv. *Mam. Lithog.* t. U. Malayanus, Cuv. *Os. Fos.* iv. t. 23. f. 3, 4.

a. & b. Adult. India.—Presented by Mr. W. Beaumont.

THALARCTOS, Gray.

THALARCTOS MARITIMUS. The Nembrook or Polar Bear.

Thalarctos maritimus, Gray, *List of Mam. B. M.* p. 73. Ursus maritimus, Linn. U. marinus, Pallas. U. polaris, Shaw, *Mus. Lever.* t. 2. U. albus, Brisson. Ross. White Bear, Marten, Spitz. t. O. f. c. Cuv. *Menag. Mus.* t.

- a. Skull. Arctic Ocean.

PROCYON, Storr.

PROCYON LOTOR. The Raccoon or Mapach.

Procyon Lotor, Storr. Gray, *List of Mam. B. M.* p. 74. Ursus Lotor, Linn. Lotor vulgaris, Tiedem. Buff. viii. t. 43.

- a. Skin. North America.

NASUA, Storr.

NASUA RUFA. The Coati.

Nasua rufa, Deam. Gray, *List of Mam. B. M.* p. 74. Viverra Nasua, Linn. N. socialis rufa, Fischer. Buffon, H. N. viii. t. 48. F. Cuv. *Mam. Lithog.* t. Myrmecophaga annulata, Deam. from Krusenst. Voy.

- t. f. *M. striata*, Shaw, *Zool.* i. 178. t. 51, from Buff.
Supp. III. t. 56.
 a. Skin. Brazils.
 NASUA———?
 a. & b. Brazils.

FAM. TALPIDÆ.

TALPA, Linn.

TALPA EUROPÆA. The Mole.

- Talpa Europæa*, Linn. *S. N.* i. 73. *T. vulgaris*, Brisson,
Buffon, *H. N.* VIII. t. 12. *Supp.* III. t. 32. Bell, *B.*
Quad. 85. fig. *T. Europæa*. Gray, *List of Mam.*
B. M. Blasius, *Wirbelthiere*, p. 109. fig. 71. to 74.
 a. & b. Adult. Europe.
 c. Skeleton. Europe.—Presented by Mr. J. Verreaux.

CHRYSOCHLORIS, Cuv.

CHRYSOCHLORIS VILLOSA. The Villose Cape Mole.

- Chrysochloris villosa*, A. Smith, *S. Afr. Quart. Jour.*
 181. III. I. A. *Zool.* t. 9. Gray, *List of Mam. B. M.*
 p. 76.
 a. & b. Cape of Good Hope.—From the South African
 Museum.

TUPAIA, Raffles.

- The BANGSRING. *TUPAIA JAVANICA*, Horsf. *Z. Java*, t.
Gray, List of Mam. B. M. p. 76.
 a. Java.—From the Leyden Museum.

CROCIDURA, Wagl.

CROCIDURA ARANEA. The Shrewmouse.

- Crocidura aranea*, Gray, *List of Mam. B. M.* p. 78.
 Blasius, *Wirbelthiere*, p. 144. fig. 94. *Sorex ara-*
neus, Schreb. *S. rusulus*, Zimm. *S. pachyurus*, Kus-

ter. S. poliogaster, *S. major*, *S. fimbriata*, and *S.*
moschata, Wagler. *S. inodorus*, Savi. *Ann. Mus.*
 XVII. t. 2. f. 2.

- a. Adult.
 b. to d. in spirits. Germany.

CROCIDURA LEUCODON. The White-bellied Shrew.

- Crocidura leucodon*. Wagl. *Isis* 1832. p. 275. Gray,
List of Mam. B. M. p. 78. Blasius, *Wirbelthiere*, p.
 140. fig. 93. *Sorex leucodon*, Herm. Schreb. t. 159.
D. S. Thoracica, Savi (var.) *Crocidura leucodon*.
 a. & b. in spirits. Germany.

CORSIRA, Gray.

CORSIRA VULGARIS. The Erdshrew.

- Corsira vulgaris*, Gray, *Proc. Z. Soc.* 1837, 124. *List of*
Mam. B. M. p. 79. *Sorex vulgaris*, Linn. Blasius,
Wirbelthiere, p. 129. fig. 86. *Mus. S. araneus* Linn.
 Bell, *Brit. Quad.* 109. fig. *S. tetragonurus*, Her-
 mann, Geoff. *Ann. Mus.* XVII. t. 2. f. 3. *S. constrict-*
tus, Geoff. *S. Hermanni*, Holandre. *S. melanodon*,
S. concinnus, and *S. rhinolophus*, Wagler, *S. labi-*
osus, and *S. castaneus*, Jenyns? *S. cunicularia* and
S. eremita, Bechst.? *Fœtid Shrew*, Penn. *Daub. Mem.*
Acad. Sci. 1756, t. 5. f. 2. *Buffon*, *H. N.* VIII. t. 10.
 f. 1. *Mag. Zool. and Bot.* II. t. 1. f. 2.
 a. & b. Skins. Hamburg.

CROSSOPUS, Wagl.

CROSSOPUS FODIENS. The Water Shrew.

- Crossopus fodiens*, Wagl. *Isis* 1832. p. 275. Gray,
List of Mam. B. M. p. 79. Blasius, *Wirbelthiere*, p.
 121. fig. 79 & 80. *Sorex fodiens* and *S. hydrophi-*
lus, Pallas. Schreb. t. 161. Bell, *B. Quad.* 115. fig.
S. Daubentonii, Ercl. *S. Hermanni*, Duver. *S. bico-*
lor, Shaw, *Nat. Misc.* t. 55. *S. fluviatilis*, Bechst.
S. constrictus, Herm. *S. stagnalis* and *S. rivalis*,

Brehm. C. musculus and S. psilurus, *Wagler.* Amphisorex Pennantii, *Gray, Proc. Z. Soc.* 1837, 125. *Buffon, H. N.* VIII. t. 11. f. 1.

a. Adult. Hamburg.

ERINACEUS, *Linn.*

ERINACEUS EUROPÆUS. The Hedgehog.

Erinaceus Europæus, Linn. Gray, List of Mam. B. M. p. 82. *Blasius, Wirbelthiere*, p. 152. fig. 97 & 98. *E. auriculatus, Hill.* *E. vulgaris, Linn.* *E. inauris, Linn.?* *E. caninus* and *suillus, Geoff.* *E. sibiricus, Bell, B. Quad.* 76. fig. *E. europæus,*

a. Adult. Germany.

b. & c. Holland.—From the Leyden Museum.

FAM. PHOCIDÆ.

ARCTOCEPHALUS, *F. Cuv.*

ARCTOCEPHALUS LOBATUS. The Cowled Seal.

Arctocephalus lobatus, Gray, Cat. of Mam. B. M. P. II. p. 44. *Gould, Mam. of Austr.* Vol. III. pl. 49.

a. & b. Half grown. Shoalhaven.

STENORHYNCHUS, *F. Cuv.*

STENORHYNCHUS LEPTONYX. The Sea Leopard.

Stenorhynchus leptonyx, F. Cuv. Dict. Sci. Nat. Vol. XXXIX. p. 549. t. 44. *Gould, Mam. of Austr.* Vol. III. pl. 50.

a. Adult. Shoalhaven.

TRICHECHUS, *Linn.*

TRICHECHUS ROSMARS. The Morse or Walrus.

Trichechus rosmarus, Linn. S. N. I. p. 39. *Gray, Cat. of Mam. B. M. Part II.* p. 31. *Blasius, Wirbelthiere*, p. 261.

a. Adult. Behring's Straits.

ORDER MARSUPIALIA.

FAM. DASYURIDÆ.

SARCOPHILUS, *Cuv.*

SARCOPHILUS URSINUS. The Tasmanian Devil, or Ursine Sarcophilus.

Sarcophilus ursinus, F. Cuv. *Didelphis ursina, Harris, Linn. Trans.* Vol. IX. p. 176. Pl. 19. fig. 2. *Dasyurus ursinus, Geoff. Ann. du Mus.* Tom. XV. p. 305. *Temm. Mon. de Mam.* Tom. I. p. 69. *Waterh. Nat. Lib. Marsupialia*, p. 128. *Diabolus ursinus, Gray, App. to Gray's Journ.* p. 400. *List of Mam. B. M.* p. 97. *Dasyurus (Sarcophilus) ursinus, Waterh. Nat. Hist. Mam.* Vol. I. p. 448. *Owen, Encyclop. of Anat.* p. 259. fig. 81. *Sarcophilus ursinus, Gould, Mam. of Austr.* Vol. I. pl. 48.

a. Adult. Tasmania.

b. Skull of Adult. Tasmania.—Presented by Mr. Edwards.

c. Skeleton. Tasmania.

Habitat. This animal, which at a former period existed on the continent of Australia, where it is occasionally met with in a fossil state, inhabits at the present time the Island of Tasmania only.

DASYURUS, *Geoff.*

DASYURUS MACULATUS. The Spotted-tailed Dasyurus.

Dasyurus maculatus. Spotted Martin, *Phillip's Voy. to Bot. Bay.* p. 276. *Martin Cat.* pl. 46. *Viverra maculata, Shaw, Gen. Zool.* Vol. I. P. II. p. 433.

Mustela Novæ Hollandiæ, *Meyen*. *Dasyurus macrourus*, *Geoff. Ann. du Mus.* Tom. III. p. 358. *Peron et Lesueur, Voy. aux Terr. Australes*, pl. 33. *Temm. Mon. de Mam.* tom. I. p. 69. *Waterh. Nat. Lib.* Vol. XI. p. 139. pl. 6. *D. maculatus*, *Gray, List of Mam. B. M.* p. 98. *Waterh. Nat. Hist. Mam.* Vol. I. p. 439. *Gould, Mam. of Austr.* Vol. I. Pl. 49.

a. & b. Adult males. Fur dark red. Tasmania.

c. Adult male. Very large Specimen, measuring from tip of nose to root of tail 24 inches.
Tail 20 "
Head, from nose to base of ear 4½ "
Ear 1½ "
Hind foot and toes 3½ "
St. Leonards, North Shore, Sydney.—Presented by Mr. Charles Arthur.

d. & e. Adult. Hastings River.

Habitat etc. Tasmania, South Eastern portion of Victoria, and the coast districts of New South Wales. The continental specimens are of a yellower and lighter hue than those found in Tasmania. The female is much smaller than the male, provided with six teats, but without a regular pouch, a simple fold of the skin and long hair covering the young progeny; six young are generally produced at a birth, but it is of rare occurrence that more than four reach maturity. G. K.

DASYURUS VIVERRINUS. The Variable *Dasyurus*, or Native Cat.

Dasyurus viverrinus. Spotted Opossum, *Phillip's Voy. to Bot. Bay*, p. 147. pl. 15. *Tapoa Tafa, White. Journ. Voy. N. S. W.* p. 285. pl. *Didelphis Viverina*, *Shaw, Gen. Zool.* Vol. I. pl. II. p. 491. pl. III. *D. guttatus*, *Dem. Nouv. Dict. d'Hist. Nat.* *Dasyurus Viverrinus* & *D. Maugei*, *Geoff. Ann. du Mus.* t. III. p. 359. & 360. *Temm. Mon. de Mam.* p. 71. & 72. pl. 7. figs. 1 to 8. Skull and lower jaw. *Waterh.*

Nat. Hist. Mam. Vol. I. p. 442. & 444. *Nat. Lib. Marsupialia*, p. 133. & 135. pl. 7. *Gray, List of Mam. B. M.* p. 97. *Gould, Mam. of Austr.* Vol. I. pl. 50.

a. & b. Adult males. Black spotted with white. Sydney.

c. Adult male. Yellow spotted with white. Rose Bay, near Sydney.—Presented by Mr. Edward S. Hill.

d. Adult female (in spirits), showing the region of the pouch and six mammæ. Dobroyde, near Sydney.—Presented by Mr. E. P. Ramsay.

Habitat. Victoria, South of the Murray Plains, Tasmania, and the coast districts of New South Wales. G. K.

DASYURUS GEOFFROYI. Geoffroy's *Dasyurus*.

Dasyurus Geoffroyi, *Gould, Proc. Zool. Soc. P.* VIII. p. 151. *Waterh. Nat. Lib.* p. 132. *Marsupialia, Nat. Hist. of Mam.* Vol. I. p. 437. *Gray, List of Mam. B. M.* p. 98. *Gould, Mam. of Austr.* Vol. I. pl. 51. *Kettie. Aborig. Lower Murray.*

a. to c. Young, from the pouch. Lower Murray.—Presented by Mr. Gerard Krefft.

Habitat etc. South Australia, Southern parts of Western Australia, and Murray River Plains. This species does not occur to the east of the coast range, and appears to be restricted to the Plains of the interior. The number of mammæ in the female is six. G. K.

PHASCOGALE, Temm.

PHASCOGALE PENICILLATA. The Brush-tailed Phascogale.

Tapoa-tafa, White's Journ. pl. p. 281. *Didelphis penicillata*, *Shaw. Gen. Zool.* Vol. I. Part 2. p. 502. pl. 113. fig. 1. *Dasyurus penicillatus*, *Geoff. Ann. du Mus.* tom. III. p. 361. *D. Tafa*, *Geoff. loc. cit.* *Phascogale penicillata*, *Temm. Monogr. de Mam.* Tom.

i. p. 58. Skull. pl. vii. figs. 9 to 12. *Waterh. Nat. Libr. Mam.* Vol. ix. *Marsupialia*, p. 136. pl. viii. *Gray, List of Mam. B. M.* p. 98. *Gould, Mam. of Austr.* Vol. i. pl. 31. *Tapoa-tafa Aborig. of neighbourhood of Sydney.* *Bul-loo-wa, Aborig. of York distr. Western Austr.* *Bal-a-ga, Aborig. of Perth.* *Bal-lä-wa-ra, Aborig. North of Perth.* *Bäl-lard, Aborig. of King Georges Sound.*

- a. Adult male. King Georges Sound.
- b. Skull of Adult. North Shore, Sydney.
- c. Young female (in spirits). Warro. Port Curtis.—Presented by Mr. F. W. Blackman.
- d. Adult. Ash Island.—Presented by Mrs. Ford.

Habitat. New South Wales, South Australia, Western Australia, and Victoria. *Gould.*

It is very doubtful whether this animal inhabits any portion of Australia beyond the mountainous coast districts; and it is certainly not known to the Aborigines of the Murray and Darling. The specimen which the Museum received from Mr. F. W. Blackman of Warro proves that its range extends as far as the tropics. The female is not provided with any visible pouch; the number of mammae is ten, and as many young are occasionally brought forth, though probably not more than four or five reach maturity.

Gould remarks: "This little animal has been known to enter the stores of the settlers and commit severe depredations whenever they contained anything suited to its palate, it has also been charged, whether justly or not, with killing the fowls and chickens of the hen roosts." As I have had frequent opportunities of observing this animal I am able to state that Gould's charges as to its depredations are quite unfounded, as it is a true insectivorous animal, which may indeed occasionally capture a small bird or a mouse. When it has taken up his quarters in a store, the owner

can derive benefit only from its presence, as it destroys cockroaches and other insects, and soon clears the place of the smaller rodents, though it is no match for a rat. The single specimen examined by Gould had the remains of coleopterous insects in its stomach, and some eight or ten dissected by me subsisted upon similar food. In comparing the teeth with those of the genus *Dasyurus*, we find that the surface of the molars of the *Phascogalidae* is more cuspidated than sectorial; their number is larger and the spaces between them fewer and shorter; the famous Hunter long since observed that "*Phascogale penicillata* has 'a mouth full of teeth,' and that these are adapted for the capture and mastication of insects and other small and low organized animals."

G.K.

PHASCOGALE CALURA.

The Handsome-tailed Phascogale.

Phascogale calura. *Gould, Proc. Zool. Soc. P. XII.* p. 104. *Mam. of Austr.* Vol. i. pl. 32. Kinggoor, *Aborig. of Williams' River, West Austr.* Kultarr, *Aborig. of Gall Gall Creek. Lower Murray.*

- a. Portion of skull. Gall Gall Creek, Lower Murray.

G.K.

Habitat. Western Australia, South Australia, the Interior of New South Wales, and Northern portions of Victoria.—The female is without any visible pouch and provided with ten mammae.

PHASCOGALE LANIGERA. The Woolly Phascogale.

Phascogale lanigera, *Gould, Mam. of Austr.* Vol. i. pl. 33. Kultarr, *Aborig. of Lower Murray district.*

- a. & b. Adult males. From Mitchell's Expedition.

Habitat. The Plains of the Interior of New South Wales, Victoria, and South Australia.

The present species is not a *Phascogale* proper, though furnished with a long and somewhat brushy tail; the hind are much longer than the fore legs, and it

progresses by a succession of leaps, similar to *Haplotis Mitchelli*, with which species it is frequently found in company. It is not arboreal, though Gould's figures upon the branch of a tree would give that impression. The female is furnished with a pouch, which in the true *Phascogales* is wanting, a sufficient reason, I think, to arrange this animal with the genus *Antechinus*, which was separated by MacLeay from *Phascogale*, on the ground of certain differences in the dentition, though the other species have short tails without brush. The number of mammae in the female is ten. I may mention that the above remarks are based upon frequent observations of this animal in a state of nature.

G.K.

Antechinus, MacLeay.

Antechinus swainsonii. Swainson's *Antechinus*.

Phascogale swainsonii. *Waterh. Mag. Nat. Hist.* Vol. iv. p. 300. *Phascogale* (*Antechinus*) *swainsonii*, *Waterh. Nat. Hist. of Mam.* Vol. i. p. 411. *Gunn, Proc. Roy. Soc. of Van D. L.* V. ii. p. 82. *Zool. Erebus Terror, Beasts*, pl. 25. fig. 1. *Gould, Mam. of Austr.* Vol. i. pl. 34.

a. & b. Adult male and female. Tasmania?

Habitat. Tasmania, and probably Victoria and the South Eastern part of N. S. Wales.

Antechinus albipes. The White footed *Antechinus*.

Phascogale albipes, *Waterh. Proc. Zool. Soc.* P. x. p. 48. *Phascogale* (*Antechinus*) *albipes*, *Waterh. Nat. Hist. of Mam.* Vol. i. p. 421. *Otām-in Aborig. of Perth.* *Gould, Mam. of Austr.* Vol. i. pl. 42. *Tram-Trammit, Aborig. of Gall Gall Creek.*

a. & b. Adult. Sydney.

c. to h. Adult males and females (in spirits). King Georges Sound.

i. Adult (in spirits). King Georges Sound.

Habitat. Southern portion of Australian Continent, from Western Australia to the East Coast.

Antechinus minutissimus. The Tiny *Antechinus*.

Antechinus minutissimus. *Gould, Proc. Zool. Soc.* 1852. *Mam. of Austr.* Vol. i. pl. 45. *Pimbura, Aborig. of the neighbourhood of Moreton Bay.*

a. Adult. North East Coast of Australia.

b. c. & d. Young females (in spirits). Warro, Port Curtis.—Presented by Mr. F. W. Blackman.

Habitat. North-eastern part of the Australian Continent.

Antechinus flavipes. The Rusty-footed *Antechinus*.

Phascogale flavipes, *Waterh. Proc. Zool. Soc.* P. v. p. 75. *P. rufogaster*, *Gray, App. to Gray's Journ.* Vol. ii. p. 407. *Antechinus flavipes*, *Gray, List of Mam. B. M.* p. 99. *Phascogale* (*Antechinus*) *flavipes*, *Waterh. Nat. Hist. of Mam.* Vol. i. p. 415. *Gould, Mam. of Austr.* Vol. i. pl. 40. *Wārum, Aborig. of Gall Gall Creek, Lower Murray.*

a. & b. Adult male and female. Rockhampton.

c. Female. N. S. Wales.

Habitat. New South Wales, Queensland, Victoria, South Australia, and Western Australia, Tasmania?

Antechinus apicalis. The Freckled *Antechinus*.

Phascogale apicalis, *Gray, Ann. and Mag. Nat. Hist.* Vol. ix. p. 518. *Antechinus apicalis*, *List of Mam. B. M.* p. 99. *Gould, Mam. of Austr.* Vol. i. pl. 39. *Marn-dern, Aborig. in the neighbourhood of Moore's River.* *Wy-a-lung, Aborig. of Perth.* *Dib-bler, Aborig. of King George Sound.*

a. Adult. N. S. Wales?

Habitat. Western Australia, New South Wales?

ANTECHINUS UNICOLOR. The Dusky Antechinus.

Antechinus unicolor. Gould, *Mam. of Austr.* Vol. I. pl. 37.

a. & b. Adult male and female. New South Wales.

Habitat. New South Wales and Queensland.

ANTECHINUS FERRUGINIFRONS. The Rusty-faced Antechinus.

Antechinus ferruginifrons, Gould, *Mam. of Austr.* Vol. I. pl. 36.

a. Adult. New South Wales.

Habitat. New South Wales, Queensland?

PODABRUS, Gould.

PODABRUS CRASSICAUDATUS. The Thick-tailed Podabrus.

Phascogale crassicaudata, Gould, *Proc. Zool. Soc.* June, 1844. P. I. pl. 5. *Phascogale* (*Antechinus*) *crassicaudata.* *Waterh. Nat. Hist. of Mam.* Vol. I. p. 428. pl. 15. fig. 2. *Podabrus crassicaudatus,* Gould, *Mam. of Austr.* Vol. I. pl. 47. Mon-dellun-dellun. *Aborig. of Gall Gall Creek, Lower Murray.*

a. Adult. Skin. Gall Gall Creek, Lower Murray.—From the National Museum of Victoria.

Habitat. Western Australia, South Australia, Northern parts of Victoria, and Western portions of New South Wales.

PODABRUS MACROURUS. The Large-tailed Podabrus.

Podabrus macrourus, Gould, *Proc. Zool. Soc.* P. XIII. p. 79. *Mam. of Austr.* Vol. I. pl. 46. *Phascogale* (*Antechinus*) *macroura.* *Waterh. Nat. Hist. of Mam.* Vol. I. p. 426.

a. Adult. Queensland.

Habitat. Northern Districts of New South Wales, and Queensland.

FAM. DIDELPHIDÆ.

DIDELPHIS, Linn.

DIDELPHIS VIRGINIANA. The Virginian Opossum.

Didelphis virginiana, Shaw, *Waterh. Marsup.* 79. Gray, *List of Mam. B. M.* p. 100. *D. pilosissima* and *D. illinensium,* Link. *D. marsupialis,* Schreb. t. 145. Shaw, *Mus. Lever.* t. 6. Buffon, *H. N. Supp.* Vol. VI. t. 33. Vol. VII. t. 34.

a. Adult. North America.

FAM. PERAMELIDÆ.

PERAGALEA, Gray.

PERAGALEA LAGOTIS. The Large-eared Peragalea.

Perameles lagotis, Reid, *Proc. Zool. Soc.* P. IV. p. 129. *Waterh. Nat. Lib. Mam.* Vol. IX. *Marsupialia,* p. 153. pl. XII. *Peragalea lagotis,* Gray, *App. to Grey's Trav.* Vol. II. p. 401. *Peragalea lagotis,* *List of Mam. B. M.* p. 96. Gould, *Mam. of Austr.* Vol. I. pl. 7. *Wuir-rap-pur.* *Aborig. of Gall Gall Creek.* Jack-oh. *Aborig. of Lower Darling.*

a. & b. Adult males. South Australia.—Presented by Mr. George French Angas.

c. Adult female. Lower Murray.—Presented by Mrs. John Hay.

Habitat. Western Australia, South Australia and interior of New South Wales.

PERAMELES, Geoff.

PERAMELES NASUTA. The Long-nosed Perameles, or Great Bandicoot.

Perameles nasuta, Geoff. *Ann. du Mus.* Tom. IV. p. 62. pl. 44. *Waterh. Nat. Lib. Mam.* Vol. XI. *Marsupialia,* p. 155. pl. 13. Gray, *List of Mam. B. M.* p.

96. Gould, *Mam. of Austr.* Vol. i. pl. 11. *Waterh. Nat. Hist. Mam.* Vol. i. p. 374. P. Lawsoni, *Quoy et Gaim. Voy. de l'Uranie, Zoologie*, p. 57 & 711. P. nasuta et aurita of the Paris Museum.

a. & b. Adult males. Sydney.—Presented by Mr. Edw. S. Hill.

c. & d. Males. (Skins). Clarence River.

e. Skull of Adult. Clarence River.—Presented by Mr. James F. Wilcox.

Habitat. New South Wales and Queensland.

PERAMELES FASCIATA. The Banded Perameles, or Striped Bandicoot.

Perameles fasciata, Gray, *App. Grey's Journ.* Vol. ii. p. 407. *Waterh. Nat. Hist. of Mam.* Vol. i. p. 379. Gould, *Mam. of Austr.* Vol. i. pl. 8. Moncat, *Aborig. of Gall Gall Creek, Lower Murray*.

a. Adult. }
b. Young. } New South Wales.
c. Young. }

Habitat. South Australia. Northern District of Victoria, and interior of New South Wales.

PERAMELES OBESULA. The Short-nosed Perameles.

Didelphis obesula, Shaw, *Nat. Misc.* Vol. viii. pl. 298. *Gen. Hist.* Vol. i. p. 490. Perameles obesula, Geoff. *Ann. du Mus.* Tom. iv. p. 64. pl. 45. *Waterh. Nat. Hist. of Mam.* Vol. i. p. 368. Gunn, *Proc. Roy. Soc. V. D. L.* Vol. ii. p. 82. Isoodon obesula, Desm. *Nouv. Dict. d'Hist. Nat.* Tom. xvi. p. 409. P. fusciventer, Gray, *App. to Grey's Journ.* Vol. ii. p. 407. P. affinis, Gray, *List of Mam. B. M.* p. 96. P. obesula, Gould, *Mam. of Austr.* Vol. i. pl. 12. Gwen-dee, *Aborig. of Perth*. Quoint, *Aborig. of King G. Sound*. Pirrikin, *Aborig. of Gall Gall Creek, Lower Murray*.

a. Young male. Sydney.

b. Young male (in spirits). Sydney.—Presented by Mr. W. S. MacLeay, M.A.

c. Young female (in spirits). Sydney.—Presented by Mr. Arch. Boyd.

d. Young (in spirits). King Georges Sound.

Habitat. The Southern half of the Australian Continent from East to West, the Islands of Bass's Straits, and Tasmania.

CHÆROPUS, Ogilby.

CHÆROPUS CASTANOTIS. The Chestnut-eared Chæropus, or Pig-footed Bandicoot.

Chæropus castanotis. Gray, *Ann. and Mag. Nat. Hist.* Vol. ix. p. 42. *List of Mam. B. M.* p. 96. Gould, *Mam. of Austr.* Vol. i. pl. 6. C. ecaudatus, Ogilby, *Proc. Zool. Soc.* V. vi. p. 26. C. ecaudatus, *Mitch. Trav. in Austr.* Vol. ii. p. 132. pl. 27. (very bad). *Waterh. Nat. Lib. Mam.* Vol. ix. *Marsupialia*, p. 163. Bur-da, *Aborig. of the Walzemara distr. Wot-da, Aborig. of the interior from York, West. Australia.* Landwang, *Aborig. of the Gall Gall Creek, Lower Murray.* Jaw-bone, *Aborig. of Murrumbidgee, junction.*

a. Adult male. Gall Gall Creek.—From the National Museum of Victoria.

b. Skull. Lower Murray.—Sir Thomas Mitchell's Original Specimen.

Habitat etc. The Plains of South Australia, Western Australia, and New South Wales, (Lower Murray district).

Of this singular animal very little is known, and it appears to be a general belief that it differs in the number of its toes from *Perameles*; but in reality besides the two large toes of the fore feet, there is a third rudimentary toe just below the knee joint: the hind feet are furnished with the usual three toes as in *Perameles*, *Macropus* etc., the

smaller inside one being double. In young animals the small toe of the fore feet is very distinct.—The female produces two young at a time and the number of teats is eight, as in all the *Peramehidae*.

G.K.

FAM. PHALANGISTIDÆ.

PHALANGISTA, Cuv.

PHALANGISTA COOKII. Cook's Phalangista, or Ring-tailed Opossum.

Phalangista Cookii, *Dem. Nouv. Dict. Hist. Nat.* Tom. xxv. p. 478. *Temm. Mon. de Mam.* Vol. i. p. Gray, *Ann. Nat. Hist. new series*, 1838. Vol. i. p. 107. P. Banksii, Gray, *Ann. Nat. Hist. new series*, 1838. Vol. i. p. 107. Phalanger de Cook, *Cuv. Règn. Anim. ed.* 1817. Tom. i. p. 179. ed. 1829. Tom. i. p. 183. Phalanger de Bougainville, *Cuv. Règ. Anim. ed.* 1829. Tom. i. p. 183. P. Bougainvillii, Wagn. in *Schreb. Säugeth.* Heft 111. 112. p. 82. New Holland Opossum, *Pen. Hist. of Quad.* Vol. ii. p. 301. White-tailed Opossum, *Shaw, Gen. Zool.* Vol. i. p. 504. P. (Pseudochirus) Cookii, *Waterh. Nat. Hist. of Mam.* Vol. i. p. 299. *Gunn. Proc. Roy. Soc. V. D. Land.* Vol. ii. p. 84. Balantia Cookii, *Kuhl, Beitr.* 63. Hepoona Cookii, Gray, *List of Mam. B. M.* p. 84. P. Cookii, *Gould, Mam. of Austr.* Vol. i. pl. 18.

a. Young. Sydney.

b. Adult female. Port Macquarie.

c. & d. Adult male and female. South Grafton, Clarence River.

f. Young (in spirits). Sydney.

Habitat. The geographical range of the present species is restricted to the Coast districts of New South Wales, and to those of the southern parts of Queensland.

PHALANGISTA VIVERRINA. The Viverrine Phalangista or Grey Ring-tailed Opossum.

Phalangista viverrina, *Ogilby, Proc. Zool. Soc. P. v.* p. 151. *Waterh. Nat. Hist. of Mam.* Vol. i. p. 303. P. Cooki, *Gunn, Ann. of Nat. Hist.* Vol. i. 1838. p. 102. P. viverrina, *Gould, Mam. of Austr.* Vol. i. pl. 19. Ngö-ra, *Aborig. of Perth.* Nyork, *Aborig. of K. G. Sound.* Pyrr-rat, *Aborig. of Gall Gall Creek Lower Murray.*

a. Adult male. King Georges Sound.

b. Adult male. Tasmania.

Habitat. Southern parts of Australian Continent, Victoria, New South Wales (Murray district), South Australia, Western Australia, and Tasmania. G.K.

PHALANGISTA LANUGINOSA. The Woolly Phalangista.

Phalangista lanuginosa. *Gould, Mam. of Austr.* Vol. i. pl. 20.

a. Adult. Clarence River?

Habitat. Upper Hunter, in particular the Dartbrook district. *Gould.*

PHALANGISTA VULPINA. The Vulpine Phalangista, Common Opossum, or Brush-tailed Opossum.

Didelphys vulpina, *Shaw, Gen. Zool.* Vol. i. p. 503. D. lemurina, *Gen. Zool.* Vol. i. p. 487. pl. 110. P. vulpina. *Dem. Nouv. Dict. d'Hist. Nat.* Tom. xxv. p. 475. *Ency. Méth. Mam. P. i.* p. 267. *Temm. Monog. de Mam.* Tom. i. p. 5. Gray, *List of Mam. B. M.* p. 86. *Martin, Proc. Zool. Soc. P. 4.* p. 2. P. melanura, *Wagn. in Schreb. Säugeth. Suppl. Heft 111.* 112. p. 81. P. xanthopus, *Ogilby, Proc. Comm. of Sci. and Corr. of Zool. Soc. P. i.* p. 135. *Waterh. Nat. Hist. Mam.* Vol. i. p. 294. Phalanger de Cook, *F. Cuv. et Geoff. Mammifères*, pl. 45. Vulpine Opossum, *Phillip's Voy. to Botany Bay*, p. 150. pl. Wha Tapoa Roo. *White's Voy. to N. S. Wales*, p. 278. pl.

Phalangista (*Trichosurus*) *vulpina*, *Waterh. Nat. Hist. of Mam.* Vol. i. p. 284. pl. 9. fig. 1. *P. vulpina*, *Gould, Mam. of Austr.* Vol. i. pl. 16. *Göo-mal. Aborig. of Western Austr.*

- a. & b. Adult males. Rose Bay.—Presented by Mr. Edw. S. Hill.
- c. Adult. N. S. Wales.
- d. Adult male. Clarence River.
- e. Skull. Clarence River.—Presented by Mr. James F. Wilcox.

Habitat. Australia generally. *Gould.*

PHALANGISTA CANINA. The Short-eared *Phalangista*.

Phalangista canina, *Ogilby, Proc. Zool. Soc. P.* iv. p. 191. *Gray, List of Mam. B. M.* p. 85. *Waterh. Hist. of Mam.* Vol. i. p. 296. *Gould, Mam. of Austr.* Vol. i. pl. 17.

- a. & b. Adult males. Fur nearly black. Clarence River.
- c. Adult female. Fur greyish. Clarence River.

Habitat. East Coast of Australia, and in particular, the Hunter, Clarence, and Richmond districts.

PHALANGISTA FULIGINOSA. The Sooty *Phalangista*.

Phalangista fuliginosa, *Ogilby, Proc. of Comm. of Sci. and Corr. of Zool. Soc. P.* i. p. 135. *Gray, List of Mam. B. M.* p. 85. *Waterh. Nat. Hist. of Mam.* Vol. i. p. 288. *Gould, Mam. of Austr.* Vol. i. pl. 15. *P. cuvieri*, *Gray, P. felina*, *Wagn.*?

- a. Adult male. Tasmania.

Habitat. Island of Tasmania.

PETAURISTA, Desm.

PETAURISTA TAGUANOIDES.

The Great Flying Phalanger.

Petaurus Taguanoides, *Desm. Nouv. Dict. d'Hist. Nat.* Tom. xxv. p. 400. *Waterh. Nat. Lib. Mam.* Vol.

xi. *Marsupialia*, p. 283. pl. 27. *Petaurista Taguanoides*, *Desm. Mam. P.* i. p. 269. *Gray, List of Mam. B. M.* p. 84. *Petaurista Peronii*, *Desm. Nouv. Dict. d'Hist. Nat.* Tom. xxv. p. 400. *Petaurus leucogaster*, *Mitch. Three Exp. Austr.* Vol. i. p. xvii? *Petaurus* (*Petaurista*) *Taguanoides*, *Waterh. Nat. Hist. Mam.* Vol. i. p. 322. *Petaurista Taguanoides*, *Gould, Mam. of Austr.* Vol. i. pl. 22. *Hepoona Roo*, *Aborig. of Port Jackson.*

- a. Adult. New South Wales.
- b. Adult. Pure white. New South Wales.
- c. & d. Adult male and female. Port Macquarie.
- e. Adult male. Clarence River.
- f. Adult male. Ears short and covered with white fur. Port Macquarie.
- g. Adult male. Ears long and covered with white fur. Clarence River.
- h. Adult female. Head white. N. S. Wales.

Habitat. The mountainous coast districts of the Australian Continent, from Victoria to Queensland; the present species (like all the other members of the genus *Petaurus* and *Belideus*) is not found upon the plains of the interior.

BELIDEUS, Waterh.

BELIDEUS FLAVIVENTER. The Long-tailed *Belideus*.

Petaurista flaviventer, *Desm. Mam.* p. 269. *Didelphis Petaurus*, *Shaw, Gen. Zool.* Vol. i. p. 496. *Petaurus* (*Belideus*) *flaviventer*, *Waterh. Nat. Lib. Mam.* Vol. ix. *Marsupialia*, p. 286. *P. australis*, *Shaw, Nat. Misc.* Vol. ii. pl. 60. *Gray, List of Mam. B. M.* p. 83. *Didelphis volucella*, *Meyer*, p. 26. *Petaurus Cuninghamsi*, *Gray, Mss. B. M.* *Sciurus Novæ Hollandiæ*, *Meyer*. *Didelphis macroura*, *Shaw, Zool. of New. Holl.* p. 33. pl. 12. *young.* *Gen. Zool.* Vol. i. p. 500. pl. 113. *young.* *Petaurus macrourus*, *Waterh. Nat. Lib. Mam.* Vol. ix. *Marsupialia*, p.

288. *young*. *Belideus flaviventer*, Gould, *Mam. of Austr.* Vol. i. pl. 23. *Hepoona-Roo*, *Aborig. of Port Jackson*. White, *Voy. to N. S. W.* p. 288. pl.

- a. Adult male. Sydney.—Presented by Mr. A. Mason.
- b. Adult male. New South Wales.
- c. Adult. Clarence River.
- d. Skeleton of Adult. New South Wales.—Presented by Mr. Henry Schröder.

Habitat. Mountainous districts of the East Coast of Australia, probably from Cape Howe to Queensland.

BELIDEUS SCIURUS. The Squirrel-like Belideus.

Didelphis sciurea, Shaw, *Zool. of New Holl.* pl. xi. p. 28. *Petaurus sciureus*, *Desm. Nouv. Dict. d'Hist. Nat. 2nd. Edit.* Tom. xxv. p. 403. *Petaurus* (*Belideus*) *sciurus*, *Waterh. Proc. Zool. Soc. P.* vi. p. 152. *Nat. Lib. Mam.* Vol. ix. *Marsupialia*, p. 289. pl. xxviii. Gray, *List of Mam. B. M.* p. 83. Norfolk Island Flying Squirrel, *Phillip's Voy.* pl. p. 151. *Belideus sciurus*, Gould, *Mam. of Austr.* Vol. i. pl. 24.

- a. & b. Adult male and female. New South Wales.
- c. Adult female (in spirits). Bowen, Port Denison.

Habitat. Mountainous Coast districts from Victoria to Queensland.

BELIDEUS BREVICEPS. The Short-headed Belideus.

Petaurus (*Belideus*) *breviceps*, *Waterh. Proc. Zool. Soc. P.* vi. p. 152. Vol. xi. *Nat. Lib. Marsupialia* p. 290. pl. 29. *Nat. Hist. of Mam.* Vol. i. p. 334. *Petaurus breviceps*, Gray, *List of Mam. B. M.* p. 83. *Belideus breviceps*, Gould, *Mam. of Austr.* Vol. i. pl. 25. *Petaurus* (*Belideus*) *notatus*, *Peters Monatsb. der Königl. Preuss. Acad. der Wissensch. Berlin*, 1859. p. 14. Gould, *Mam. of Austr.* Vol. i. pl. 26.

- a. Adult male.
- b. Adult.
- c. Adult male.

New South Wales.

d. Adult. Sydney. Tip of tail, white. This variety has been described by Dr. Peters as *Belideus notatus*, and is figured by Gould under that name. Having myself captured the original specimen, I may state here that Gould who examined and compared it, agreed with me that it was but a variety of *B. breviceps*. Dr. Peters subsequently purchased it, and submitted it again to Gould, who now figures it as a new species, trusting that Dr. Peters has duly compared this animal with the other members of the genus, and satisfied himself that it is distinct from any of them.

G.K.

Habitat. Victoria, South of the Murray River Plains, and the mountainous coast districts of New South Wales and Queensland.

BELIDEUS ARIEL. Ariel Belideus.

Belidea Ariel, Gould, *Proc. Zool. Soc. P.* x. p. 11. *Petaurus* (*Belideus*) *Ariel*, *Waterh. Nat. Hist. of Mam.* p. 336. *Petaurus Ariel*, Gray, *List of Mam. B. M.* p. 84. Wor-gi. *Aborig. Port Essington*. *Belideus Ariel*, Gould, *Mam. of Austr.* Vol. i. pl. 27.

- a. Adult. Port Essington.

Habitat. North Coast of Australia, and Cobourg Peninsula.

ACROBATA, *Desm.*

ACROBATA PYGMÆA.

The Pygmy Acrobat, or Flying Mouse.

Didelphis pygmæa, Shaw, *Zool. of New Holl.* No. 1. pl. 2. p. 5. *Gen. Zool.* Vol. i. p. 501. *Petaurus pygmæus*, *Desm. Nouv. Dict. d'Hist. Nat.* Tom. xxv. p. 405. *Petaurista* (*Acrobata*) *pygmæa*, *Desm. Mam. P.* i. p. 270. *Petaurus* (*Acrobata*) *pygmæus*, *Waterh. Nat. Lib.* Vol. ix. *Marsupialia*, p. 293. pl. 30.

Nat. Hist. Mam. Vol. I. p. 339. *Aerobates pygmaeus*, Gray, *List of Mam. B. M.* p. 83. *Gould, Mam. of Austr.* Vol. I. pl. 28.

- a. Adult. Lane Cove.—Presented by Mr. Edwin McIntosh.
 b. & c. Adult males (in spirits). Wellington.—Presented by Mr. L. H. Sibthorpe.
 d. Female (in spirits). Ryde.—Presented by the Rev. G. E. Turner, B.C.L.
 e. Male (in spirits). Domain, Sydney.—Presented by Mr. Arch. Boyd.

Habitat. Coast districts of Victoria, New South Wales, and Queensland.

DROMICIA, Gray.

DROMICIA UNICOLOR.

The Dusky *Dromicia* or Pygmy Opossum.

Dromicia unicolor, Krefft, *Pro. Zool. Soc. Jan.* 22. 1863. *Magaz. Nat. Hist.* Vol. XII. *Third Series*, p. 241. *Gould, Mam. of Austr.* Vol. I. p. xxvi.

- a. Adult male. Sydney.
 b. Adult female (in spirits). St. Leonards, North Shore, Sydney.—Presented by Mr. A. Butt.

Specimen *b.* is the type of the species, which may be described as follows:

Dentition.—Incisors $\frac{3-3}{1-1}$. Canines $\frac{1-1}{1-1}$. Præmolars $\frac{3-3}{3-3}$.
 Molars $\frac{3-3}{3-3}$. = 36.

Of the grinders in the upper jaw, two are large and quadri-cuspidate; but the last one is much smaller, of a triangular form, and furnished with three cusps only. The præmolars are three in number, of which the posterior one is large, and furnished with two fangs and two roots; the other two are rudimentary, with flat surfaces; there is an interspace between these teeth and the long canine; of the three incisors the anterior one is the largest.

In the lower jaw there are three true molars, with four cusps to each, but the last or posterior one smaller than the other two; these are preceded by a large two-rooted false molar (which in one specimen examined, is furnished with one, in the other with two fangs), the two anterior præmolars and the canine being small and rudimentary, with flat crowns; the single incisor is very long.

Coloration.—Fur of an uniform mouse-colour, lighter on the sides and beneath, with a blackish patch in front of the eye.

The hair is slate-grey at the root; that on the back and sides tipped with yellow, that beneath, with grey; longer black hairs, tipped with white, are interspersed, except on the underside of the body. The bristles are black for more than two thirds of their length, the tip being white; there are also a few long bristly black hairs in front of, and behind the eye. Tail somewhat longer than the body, prehensile, thin, showing every joint; slightly enlarged at the base, and gradually tapering; covered with a mixture of light-coloured and black hairs; apical portion, about $\frac{1}{2}$ in. from the tip, white beneath.

Length from tip to tip.....	6 $\frac{1}{4}$ inches.
Tail	3 $\frac{1}{4}$ "
Face, to base of ear	$\frac{7}{8}$ "
Ear.....	$\frac{1}{2}$ "
Arm and hands.....	$\frac{7}{8}$ "
Tarsi and toes	$\frac{3}{8}$ "

This beautiful little creature was captured near St. Leonard's, North Shore, Sydney, feeding on the blossoms of the *Banksia*, and lived a few days in captivity. In its habits it is nocturnal. The tongue of this *Dromicia* is well adapted for sucking the honey from the blossoms of the *Banksia* and *Eucalypti*, being furnished with a slight brush at the tip. This species differs from the *D. concinna* of Western Australia in being of a uniform dark colour without the white belly, and having the base of the tail slightly enlarged; it is of about the same size as *D. concinna*.

Habitat. The range of this species probably does not extend beyond the coast districts, and as the animal is of diminutive size, and nocturnal in its habits, it will be a difficult task to obtain many examples, and so define its geographical distribution with certainty.

G.K.

PHASCOLARCTOS, *De Blainv.*

PHASCOLARCTOS CINEREUS.

The Koala, or Native Bear.

Lipurus cinereus, *Goldf. Isis*, 1819. p. 271. *Phascolarctos fuscus*, *Desm. Mam.* p. 276. *Dict. des. Sci. Nat.* Tom. xxxix. p. 448. *Wallich. Jard. Nat. Lib. Marsupialia*, p. 295. *P. Flindersi*, *Less. Mam. de Mam.* p. 221. *P. fuscus et cinereus*, *Fisch. Syn. Mam.* p. 285. *Wagn. Schreb. Säugeth.* Heft 111—112. p. 92. *P. cinereus*, *List of Mam. B. M.* p. 87. *Gould, Mam. of Austr.* Vol. i. pl. 13. 14. Koala Wombat, *Home, Phil. Trans.* 1808. p. 304. Le Koala ou Colak, *Desm. Nouv. Dict. d'Hist. Nat.* Tom. xvii. p. 119. Tab. E. 22. fig. 4. Wombat of Flinders, *Knox, Edinb. New. Phil. Journ.* 1826. p. 111. *Phascolarctus cinereus*, *Waterh. Nat. Hist. of Mam.* Vol. i. p. 259. *Gray, Ann. Phil.* 1821. New Holland Sloth, *Perry, Arcana.* t.

a. Adult male. New South Wales.

b. Adult male. Port Macquarie.

c. Young female (in spirits).—From the Botanical Gardens.

FAM. MACROPODIDÆ.

HYPSPRYMNUS, *Ill.*

HYPSPRYMNUS MURINUS.

The New South Wales Rat-Kangaroo.

Poto-Roo or Kangaroo Rat, *White's Journ.* p. 286. pl. *Macropus minor*, *Shaw, Gen. Zool.* Vol. i. P. 11. p. 513. pl. 116. *Hypsiprymnus murinus*.

Ill. Prod. Syst. Mam. p. 79. *Gould, Mam. of Austr.* Vol. ii. pl. 67. *Potorous murinus*, *Desm. Dict. d'Hist. Nat.* Tom. xxvii. p. 79. 89. *Mammalogie*, p. 271. *H. setosus*, *Ogilby, Proc. of Com. of Sci. and Corr. of Zool. Soc.* P. 1. p. 149. *H. Peron, Quoy et Gaim. Zool. de l'Uranie*, p. 64. *H. myosurus*, *Ogilby, Proc. Zool. Soc.* P. 6. p. 62. *H. (Potorous) murinus*, *Waterh. Nat. Hist. of Mam.* Vol. 1. p. 225. The Bettong of the Aborig. of N. S. Wales. *H. minor*, *Cuv. Gray, List of Mam. B. M.* p. 94.

a. Adult. New South Wales.

Habitat. Eastern coast districts of New South Wales.

BETTONGIA, *Gray.*

BETTONGIA GRAIL. *Gray's Bettongia.*

Hypsiprymnus Graii, *Gould, Proc. Zool. Soc.* P. viii. p. 178. *Waterh. Nat. Lib.* Vol. xi. *Marsupialia*, p. 190. *Bettongia Grayii*, *Gray, List of Mam. B. M.* p. 93. *Hypsiprymnus (Bettongia) Graii*, *Waterh. Nat. Hist. of Mam.* Vol. i. p. 203. *H. Lesueuri*, *Quoy et Gaim. Voy. de la Coquille?* *B. Graii*, *Gould, Mam. of Austr.* Vol. ii. pl. 64. Boör-dee. Aborig. of the Mountain districts of W. Austr. Boomin, Aborig. of Gall Gall Creek, Lower Murray.

a. & b. Adult male and female. Tapio, Lower Darling.—From the National Museum of Victoria.

Habitat. South Australia and Western Australia. *Gould.* Plains of the Murray and Darling; the Murrumbidgee Junction being apparently the eastern boundary of this species.

G.K.

BETTONGIA OGILBYI. *Ogilby's Jerboa Kangaroo.*

Bettongia Ogilbyi. *Gould, Mam. of Austr.* Vol. ii. pl. 62. *Gray, List of Mam. B. M.* p. 93. *Hypsiprymnus Ogilbyi*, *Waterh. Nat. Lib. Marsupialia*, p. 185. *H. (Bettongia) Ogilbyi*, *Nat. Hist. of Mam.* Vol. i. p. 214. *B. Gouldi*, *Gray?* Wäl-ya, Aborig. of

Perth and the mountain districts. Woile, *Aborig. of King Georges Sound.* Pattuck, *Aborig. of Gall Gall Creek, Lower Murray.*

a. & b. Adult males. Gall Gall Creek.—From the National Museum of Victoria.

c. Skin. Yelta, Darling Junction.

Habitat. The range of this species appears to extend from the Swan River Colony to the interior of New South Wales; it is found near Adelaide, and on the Banks of the Murray as far as Euston; to the eastward of that township but few specimens have been observed, and at Gunbower Creek, some 150 miles farther east, the Aborigines capture *Bettongia rufescens* only, and they have informed me, that *B. Ogilbyi*, for which species they do not possess a name, is not found in their country. It is possible that *Bettongia penicillata* (a species which, according to Gould, is common on the Liverpool Plains, and in the Namoi and Gwydyr districts) may prove to be a local variety of *B. Ogilbyi*, but up to the present time no specimens have been received from those parts, and this remains therefore an open question.

G.K.

BETTONGIA RUFESCENS.

The Rufous Jerboa Kangaroo.

Bettongia rufescens, Gray, *Mag. Nat. Hist.* 1837. Vol. i. p. 584. Gould, *Mon. of Macropodidae*. pl. *Mam. of Austr.* Vol. ii. pl. 65. Gray, *List of Mam. B. M.* p. 94. *Hypsiprymnus rufescens*, Waterh. *Nat. Lib. Mam.* Vol. xi. *Marsupialia* p. 188. *Nat. Hist. of Mam.* Vol. i. p. 196. H. melanotis, Ogilby, *Proc. Zool. Soc.* P. vi. p. 62.

a. & b. Males. }
c. Female. } Clarence River.

Habitat. South eastern portion of Australia; the junction of the Murrumbidgee may be taken as the Western boundary of this species; to the north it ranges as far as Queensland.

G.K.

BETTONGIA CUNICULUS.

The Tasmanian Jerboa Kangaroo.

Hypsiprymnus cuniculus, Ogilby, *Proc. Zool. Soc.* P. xi. p. 43. Waterh. *Nat. Lib. Marsupialia*. p. 186. *Bettongia setosa*, Gray, *Mag. Nat. Hist. new ser.* Vol. i. p. 584. *List of Mam. B. M.* p. 93. *B. cuniculus*, Gould, *Mon. of Macropodidae*, pl. *Mam. of Austr.* Vol. ii. pl. 63. *Hypsiprymnus* (*Bettongia*) *cuniculus*, Waterh. *Nat. Hist. of Mam.* Vol. i. p. 200. Gunn, *Proc. Roy. Soc. of V. D. L.* Vol. ii. p. 86. Forest Kangaroo-Rat.

a. Adult female.

Habitat. Island of Tasmania.

MACROPUS, Shaw.

MACROPUS MAJOR.

The Common, or Great Grey Kangaroo.

Jerboa gigantea, Zimm. *Zool. Geog. Quadr.* p. 526. *Didelphis gigantea*, Schreb. *Säugeth.* Vol. iii. p. 552. pl. 154. Gmel. *Edit. Linn. Syst. Nat.* Tom. i. p. 109. *Macropus giganteus*, Shaw, *Nat. Misc.* pl. 33. Waterh. *Nat. Hist. of Mam.* Vol. i. p. 62. Kangaroo, Cook's *Voy.* Vol. iii. p. 577. pl. 20. Phillip's *Voy.* pl. in p. 106. White's *Voy.* pl. in p. 272. *Macropus major*, Shaw, *Gen. Zool.* Vol. i. p. 305. pl. 115. Cook's *First Voyage*, Vol. iv. p. 45. pl. 2. Desm. *Nouv. Dict. d'Hist. Nat.* Tom. xvii. p. 33. Gould, *Monogr. of Macropodidae*, pl. *Mam. of Austr.* Vol. ii. pl. i. & ii. *Kangurus labiatus*, Geoff. *Encycl.* pl. 21. fig. 4. Detm. *Encycl. Méth. Mam.* p. 273. *Halmaturus griseo-fuscus*, Goldf. *Isis*, 1819. p. 266. *Macropus ocydromus*, Gould, *Ann. and Mag. Nat. Hist.* Vol. x. p. 1. ? *M. melanops*, *Proc. Zool. Soc.* P. x. p. 10. ? *M. fuliginosus*, ? Boomer, Forester, Old Man Kangaroo of the Colonists. Bundary, Aborig. of the Liverpool Range. Gould. Bul-luk-kur, Aborig. of Gall Gall Creek.

- a. Adult male. Clarence River.—Presented by Mr. James F. Wilcox.
 b. Female. Clarence River.
 c. Female. New South Wales.—From the Botanical Gardens.
 d. to f. Skins of Males. Clarence River.
 g. Skeleton, half grown.
 e. & f. Young, both taken from the same pouch. New South Wales.—Presented by Dr. James C. Cox.

Habitat. Queensland, New South Wales, Victoria, South Australia, Western Australia, and Tasmania.

OSPHRANTER, Gould.

OSPHRANTER RUFUS. The Great Red Kangaroo.
Kangurus rufus, Desm. *Mam. Supp.* p. 541. Gray, *Griff. Anim. Kingd.* Vol. v. p. 202. K. laniger, *Gaim. Bull. des. Sci. par la Soc. Philom.* 1822. p. 138. *Quoy and Gaim. Voy. de l'Uranie*, p. 65. pl. 9. *Macropus lanigerus*, Gray, *Griff. Anim. Kingd.* Vol. iii. p. 49. pl. opposite, p. 48. M. laniger, *Gould, Mon. of Macropodidæ*. Gray, *List of Mam. B. M.* p. 88. *Macropus (Halmaturus) rufus*, *Waterh. Nat. Hist. of Mam.* Vol. 1. p. 104. *Macropus (Osphranter) pictus*, *Gould, Proc. Zool. Soc. P.* xxviii. p. 373. *Osphranter rufus*, *Gould, Mam. of Austr.* Vol. ii. pl. 6. & 7.

- a. Young female? Flat skin, pure white. Lower Murray.—Presented by Mrs. John Hay.

Habitat. The Plains of South Australia, New South Wales, and the northern districts of Victoria.

OSPHRANTER ROBUSTUS. The Black Wallaroo.

Macropus (Petrogale) robustus, *Gould, Proc. Zool. Soc. P.* viii. p. 92. *Osphranter robustus*, *Gould. Mon. of Macrop.* pl. *Mam. of Austr.* Vol. ii. pl. 10. & 11. Gray, *List of Mam. B. M.* p. 91. *Macropus robustus*, *Waterh. Nat. Lib. Marsupialia*, p. 241. M. (Hal-

maturus) robustus, *Waterh. Nat. Hist. of Mam.* Vol. i. p. 100.

- a. & b. Adult male and female. Clarence River.

Habitat. Mountain districts of New South Wales.

HALMATURUS, F. Cuv.

HALMATURUS PARRYI. Parry's Wallaby.

Macropus Parryi, *Bennett, Proc. Zool. Soc. P.* ii. p. 151. *Transact. Zool. Soc.* Vol. i. p. 295. pl. 37. *Macropus (Halmaturus) Parryi*, *Waterh. Nat. Hist. Lib. Marsupialia*, p. 206. pl. 18. *Nat. Hist. of Mam.* Vol. i. p. 113. H. Parryi, *Gould, Mon. of Macropodidæ*, P. ii. Gray, *List of Mam. B. M.* p. 89. *Macropus elegans*, *Lambert, Trans. of Linn. Soc.* Vol. viii. p. 318. pl. 16.? *Osphranter?* *Parryi*, *Gould, Mam. of Austr.* Vol. ii. pl. 12. & 13.

- a. & b. Adult male and female. Clarence River.

- c. Half grown female. Clarence River.

Habitat. Rocky mountain ranges of the East Coast of Australia, from Port Stephens to Wide Bay. Gould.

HALMATURUS UALABATUS. The Black Wallaby.

Kangurus Ualabatus, *Less. et Garn. Zool. de la Coquille.* Tom. i. p. 161. pl. 7. *Macropus Ualabatus*, *Less. Man. de Mam.* p. 227. *Waterh. Nat. Lib. Marsupialia*, p. 219. K. Brunii, *Desm. Ency. Méth. Mam.* p. 275. *Halmaturus Lessonii*, *Gray, Mag. Nat. Hist.* Vol. i. new ser. p. 583. H. nemoralis, *Wagn. Schreb. Säugeth. Suppl.* P. 111—112. p. 114. *Macropus (Halmaturus) Ualabatus*, *Waterh. Nat. Hist. of Mam.* Vol. i. p. 136. H. Ualabatus, *Gould, Mam. of Austr.* Vol. ii. pl. 22. & 23.

- a. Adult male.

- b. & c. Half grown males. Pitt Water.—Presented by Mr. Edw. S. Hill.

- d. Female. Melbourne.—From the Botanical Gardens.
- e. Female (in spirits). Middle Harbour.—Presented by Mr. Edw. S. Hill.
- f. & g. Young males (in spirits). Middle Harbour.—Presented by Mr. Arch. Boyd.
- Habitat. South East coast of Australia, from Western Port to the Clarence River; perhaps farther north. G.K.

HALMATURUS RUFICOLLIS.

The Rufous-necked Wallaby.

Kangurus ruficollis, *Desm. Dict. d'Hist. Nat.* Tom. xvii. p. 37. *Ency. Méth. Mammalogie*, p. 274. Kangaroo à cou roux, *F. Cuv. Dict. des Sci. Nat.* Tom. xxiv. p. 348. *Macropus ruficollis*, *Less. Man. de Mam.* p. 288. *Gould, Mon. of Macropod.* pl. *Waterh. Nat. Lib. Marsupialia*, p. 216. *Kangurus ruficollis*, *Feron, Macropus rufo-griseus*, *Waterh. Nat. Lib. Marsupialia*, p. 217. *K. rufo-griseus*, *Desm. Nouv. Dict. d'Hist. Nat.* Tom. xvii. p. 36. *Halmaturus griseo-rufus*, *Goldf. Isis*, 1819. p. 267. *Macropus (Halmaturus) ruficollis*, *Waterh. Nat. Hist. of Mam.* Vol. i. p. 125. *H. ruficollis*, *Gould, Mam. of Austr.* Vol. ii. pl. 14 & 15. Warroon, *Aborig. of Illawarra district*.

a. b. & c. Females. Clarence River.

d. Female. New South Wales.

Habitat. S. Eastern Coast districts, from Western Port (Victoria) to Moreton Bay.

HALMATURUS PARMA. The Parma Wallaby.

Halmaturus Parma, *Gray, List of Mam. B. M.* p. 91. *Gould, Mam. of Austr.* Vol. ii. pl. 28. *Macropus (Halmaturus) Parma*, *Waterh. Nat. Hist. of Mam.* Vol. i. p. 149.

a. & b. Adult male and female. Illawarra.—From the Botanical Gardens.

Habitat. South Eastern Coast districts of Australia.

HALMATURUS THETIDIS. The Pademelon Wallaby.

Halmaturus Thetidis, *F. Cuv. et Geoff. Mam.* tab. 56. *F. Cuv. Less. Zool. de M. Bougainville's Journ. de la Navig. au tour du Monde de la Frigate Thetis &c.* Tom. ii. p. 305. pl. 37. *Gould, Mam. of Austr.* Vol. ii. pl. 31. & 32. *Monogr. of Macrop.* pl. H. nuchalis, *Wagn. in Schreb. Säugeth. Supp.* P. 111.—112. p. 128. *Macropus (Halmaturus) Thetidis*, *Waterh. Nat. Hist. of Mam.* Vol. i. p. 144.

a. & b. males . . .	} Clarence River.
c. & d. females . . .	
e. young . . .	
f. & g. male & female.	

Habitat. Eastern coast districts of Australia, from Victoria to Queensland.

PETROGALE, Gray.

PETROGALE PENICILLATA.

The Brush-tailed Rock Wallaby.*

Kangurus penicillatus, *Gray, in Griff. Anim. Kingd.* Vol. iii. pl. opp. p. 49. *Macropus penicillatus*, *Benn. Proc. Zool. Soc. P.* iii. p. 1. *Waterh. Nat. Lib. Mam.* Vol. xi. *Marsupialia*, p. 243. pl. 22. *Kangurus penicillatus*, *Gray, in Griff. Anim. Kingd.* Vol. v. p. 204. *Petrogale penicillatus*, *Gray, Mag. Nat. Hist.* Vol. i. new ser. p. 583. *Heteropus albogularis*, *Jourd. Compte rendu de l'Acad. des Sci.* Oct. 9. 1837. p. 552. ? et *Ann. des Sci. Nat.* 1837. Tom. viii. p. 368. ? *Petrogale penicillata*, *Gould, Mon. of Macrop. Mam. of Austr.* Vol. ii. pl. 39. & 40. *Macropus (Heteropus) penicillatus*, *Waterh. Nat. Hist. Mam.* Vol. i. p. 167. pl. 1.

a. Adult male. Pittwater.

- b. & c. Middle Harbour, Port Jackson.
 d. Skin. Clarence River.
 e. & f. Young (in spirits).
 g. Young female (in spirits). Middle Harbour, Port Jackson.—Presented by Mr. Edw. S. Hill.
 Habitat. South Eastern Coast districts of Australia, from Victoria to Queensland.

LAGORCHESTES, Gould.

LAGORCHESTES LEICHARDTI.
 Leichardt's Hare Kangaroo.

- Lagorchestes Leichardti, Gould, Mam. of Austr. Vol. II. pl. 60.*
 a. Adult. } Gulf of Carpentaria.—Presented
 b. Skin of young. } by Dr. Ludwig Leichardt.
 Habitat. The country bordering upon the Gulf of Carpentaria.

LAGORCHESTES LEPOROIDES. The Hare Kangaroo.

- Macropus Leporoides, Gould, Proc. Zool. Soc. P. VIII. p. 93. Waterh. Nat. Lib. Marsupialia, p. 204. Lagorchestes Leporoides, Gould, Mon. of Macop. pl. Mam. of Austr. Vol. II. pl. 57. Gray, List of Mam. B. M. p. 95. Macropus (Lagorchestes) Leporoides, Waterh. Nat. Hist. of Mam. Vol. I. p. 82. Turratt, Aborig. of Gull Gull Creek, Lower Murray district.*
 a. & b. Adult males. Lower Darling.—From the National Museum of Victoria.
 Habitat. The Plains bordering upon the Murray Murrumbidgee and Darling appear to be the favorite haunts of this species. It is also found upon the Liverpool Plains, but has not yet been observed to the east of the coast range. G.K.

ONYCHOGALEA, Gray.

ONYCHOGALEA PRÆNATA.

The Bridled Nail-tailed Kangaroo.

- Macropus prænatus, Gould, Proc. Zool. Soc. P. VIII. p. 92. Mon. of Macrop. pl. Waterh. Nat. Hist. of Mam. Vol. I. p. 77. Onychogalea prænata, Gray, List of Mam. B. M. p. 88. Gould, Mam. of Austr. Vol. II. pl. 54. Merrin, Aborig. of Gull Gull Creek, Lower Murray District. Paddymelon, Aborig. of Gunbower Creek and Loddon junction.*
 a. Young male. Gunbower Creek, Lower Murray.—From the National Museum of Victoria.
 b. Half grown male. New South Wales.
 c. Adult male. Lower Murray District.—Presented by Mrs. John Hay.
 Habitat. The Plains of the Interior of New South Wales between the Darling and the Coast range; it is also common in the northern parts of Victoria and in the eastern portions of South Australia.

ONYCHOGALEA LUNATA.

The Lunated Nail-tailed Kangaroo.

- Macropus lunatus, Gould, Proc. Zool. Soc. P. VIII. p. 93. Gray, List of Mam. B. M. p. 88. Waterh. Nat. Hist. of Mam. Vol. I. p. 79. Onychogalea lunata, Gould, Mam. of Austr. Vol. II. pl. 55.*
 a. Adult female. New South Wales.
 Habitat. This species is said to be restricted to the interior of Western Australia, but as the single specimen in the Australian Museum was procured in New South Wales, and as I have myself taken it West of the Darling, I have little doubt that both nail-tailed Kangaroos are but local varieties of a species which ranges across the Continent, from the Swan River Colony to the Coast ranges of New South Wales. G.K.

FAM. PHASCOLOMYIDÆ.

PHASCOLOMYS, Geoff.

PHASCOLOMYS WOMBAT. The Wombat.

Phascolomys Wombat, Péron et Lesueur *Voy. aux Terres Australes*, Atlas, tab. 28. *Desm. Mam. P. i.* p. 276. *Waterh. Nat. Lib. Marsupialia*, Vol. x. p. 300. *Nat. Hist. of Mam.* Vol. i. p. 246. *Gunn. Proc. Roy. Soc. V. D. L.* Vol. ii. p. 85. *Gould, Mam. of Austr.* Vol. i. pl. 55. & 56. *P. fossor. Sevastianoff. Mém. de l'Acad. Imp. de St. Pétersb.* Tom. i. p. 444. *P. wombatus, Leach. Zool. Misc.* Vol. ii. p. 101. pl. 96. *P. fusca, Desm. Dict. des Sci. Nat.* Tom. xxv. p. 500. tab. G. 44. fig. 1. *H. Bassii, Less. Man. du Mam.* p. 229. *P. ursinus, Gray, List of Mam. B. M.* p. 95. *Didelphis ursina, Shaw, Gen. Zool.* Vol. i. P. ii. p. 504. *Wombatus fossor, Geoff. Opossum hirsutum, Perry, Arcana. Amblotis fossor, Ill. Prod.* p. 77. *Perameles fossor, Peron. Womback, Bewick's Quadr. 6th. Edit.* p. 522. *Wombat, Collins Account of New South Wales*, Vol. ii. p. 153. and plate at p. 157.

a. Adult. Victoria.—From the National Museum of Victoria.

b. Skull of Adult. New South Wales.

Habitat. Tasmania and the mountainous coast districts of New South Wales and Victoria. G.K.

SECTION MONOTREMATA.

ECHIDNA, Cuv.

ECHIDNA SETOSA. The Hairy Echidna.

Echidna setosa, Cuv. Règne Anim. Edit. 1817. Tom. i. 226. *New Edit. Tom. i.* p. 235. *Waterh. Nat. Hist. of Mam.* Vol. i. p. 47. *Geoff. Bull. Soc. Phil.* Tom. iii. t. 15. *Gray, List of Mam. B. M.* p. 192. *Gould, Mam. of Austr.* Vol. i. pl. 3. *Echidna breviaculeata, Tiedemann, Zoologie.* Tom. i. p. 592. *Tachyglossus setosus, Ill. Schreb. t.* 63.

a. Adult male. Tasmania.

Habitat. This animal appears to be restricted to the Island of Tasmania, and is probably but a variety of the following species.

ECHIDNA HYSTRIX. The Spiny Echidna.

Myrmecophaga aculeata, Shaw, Nat. Misc. Vol. iii. pl. 109. *Aculeated Ant-eater, Shaw, Gen. Zool.* Vol. i. P. i. p. 175. *Ornithorhynchus Hystrix, Home, Phil. Trans.* 1802. p. 348. *Echidna Hystrix, Cuv. Règ. Anim. Leach, Zool. Misc.* Vol. ii. tab. 90. *Gray, List of Mam. B. M.* p. 192. *Gould, Mam. of Austr.* Vol. i. pl. 2. *Tachyglossus aculeatus, (Illiger) Schreb. Süugeth. tab. Lxiii.* *B. E. longiaculeata, Tied. Zool.* Tom. i. p. 592. *E. Australiensis, Less. E. aculeata, Waterh. Nat. Hist. Mam.* Vol. i. p. 41. *Dun-ung-erde, Aborig. of the Toodyay and Guilford Districts of Western Australia, Nyoong-arn. Aborig. of the Fork district.*

a. Adult, very large specimen. Ballarat, Victoria.—Presented by Mr. John MacGillivray, F.R.G.S.

b. Adult male (in spirits).—From the Botanical Gardens.

c. Adult male (in spirits).—From the Botanical Gardens.

d. Young. New South Wales.

The Habitat of this animal is the mountainous coast districts of Australia, from the Swan River Colony to New South Wales, and (probably) the southern portions of Queensland; the Spiny Echidna does not inhabit the plains of the interior. I captured a solitary specimen at Mount Hope, some 10 miles from the Murray, but, not many miles lower down, the Aborigines had no conception of the existence of such an animal.

G.K.

ORNITHORHYNCHUS, *Blumenb.*

ORNITHORHYNCHUS ANATINUS.

The Ornithorhynchus.

Platypus anatinus, *Shaw, Nat. Misc.* Vol. x. pl. 335. *Gen. Zool.* Vol. I. P. I. p. 229. pl. 66. and 67. *Gray, List of Mam. B. M.* p. 191. *Ornithorhynchus paradoxus*, *Blumenbach in Voigt's Magaz.* Tom. II. p. 305. pl. 41. *Home, Phil. Trans.* 1800. p. 432. and 1802. p. 67. *Cuv. R  g. Anim. Edit.* 1829. Tom. I. p. 235. *Meckel, Ornith. paradoxus desc. anatom.* Lips. 1826. *Pol. Owen, Trans. Zool. Soc.* Vol. I. p. 221. *Bennett, Trans. Zool. Soc.* Vol. I. p. 229. *O. fuscus et rufus*, *P  ron, Voy. de D  couv.* Tom. I. pl. 34. fig. 1. & 2. *Leach, Zool. Misc.* Vol. II. p. 136. pl. 3. *Desm. Mam.* P. II. p. 380. *O. brevirostris*, *Ogilby, Proc. of Com. of Sci. and Corr. of Zool. Soc.* P. I. p. 150. *O. crispus et l  vis*, *MacGill, in Mem. of the Wernerian Soc.* 1832. p. 127. *O. anatinus*, *Waterh. Nat. Hist. of Mam.* Vol. I. p. 25. *Gould, Mam. of Austr.* Vol. I. pl. I.

a. b. & c. Females (in spirits).—From the Botanical Gardens.

d. Adult male, bill very broad. New South Wales.

e. Adult female, bill small. New South Wales.

f. Adult male. North Shore, Sydney.

g. Female. George's River.

Habitat. The Creeks and Lagoons of New South Wales, Victoria and Tasmania.

ORDER RODENTIA.

FAM. SCIURID  .

ANOMALURUS, *Waterh.*

ANOMALURUS PELII. The Anomalurus.

Anomalurus pelii, *Temm.* p. 209. *Cat. of bones of Mam. B. M.* p. 209.

a. Adult. Gold Coast, Africa.—From the Leyden Museum.

SCIURUS, *Linn.*

SCIURUS EUROP  US. The Squirrel.

Sciurus europ  us, *Linn.* *Gray, List of Mam. B. M.* p. 139. *S. varius*, *Pallas, Z. R. A. Buffon, H. N.* VII. t. 32. *Brit. Zool.* t. *S. vulgaris*, *Blasius, Wirbelthiere*, p. 271. fig. 153. & 154.

a. b. & c. Adult. Europe.

SCIURUS CINEREUS. The Grey Squirrel.

Sciurus cinereus, *Linn.* *Buffon, H. N.* x. t. 25. *Gray, List of Mam. B. M.* p. 137.

a. b. & c. Adult. North America.—From the Niagara Falls Museum.

SCIURUS ESTUANS. The Brazilian Squirrel.

Sciurus estuans, *Linn.* *Gray, List of Mam. B. M.* p. 138. *Pr. Max. Abbild.* t. *Seba*, I. t. 48. fig. 5. *Buffon, H. N. Supp.* VII. t. 65. *Myoxus guerlingus*, *Shaw.*

a. & b. Adult. Brazils.

SCIURUS HUDSONIUS. The Chickaree or Aroussen.

Sciurus hudsonius, *Pallas, Warden. Rich, North. Zool.* 187. t. 17. *Mam. Lithog.* t. *Gray, List of Mam. B. M.* p. 138. *Tania hudsonia*, *Lesson.* *Sc. rubro-lineatus*, *Desm.* *S. vulgaris* var. *E. Erxl.* Common squirrel, *Forster.* Hudsons Bay squirrel, *Penn.*

Red barking squirrel, *Schoolcraft*. Red squirrel, *Warden*.

- a. b. & c. Adult. North America.—From the Niagara Falls Museum.

SCIURUS JAVENSIS.

The Jelerang, or Java Squirrel.

Sciurus javensis, *Schreb.* *Gray, List of Mam. B. M.* p. 136. *S. madagascariensis*, *Shaw*. *S. bicolor*, *Sparmann*. *S. bergruvicus*, *MacClelland*. *Buffon, H. N. Supp.* vii. t. 63. *Griffith, A. K.* t. 123. *S. ephippium*, *Temm.* *S. ochraceus*, *Temm.*

- a. Adult. Java.

SCIURUS LEUCOSTIGMA.

Sciurus leucostigma, *Temm.*

- a. & b. Gold Coast, Africa.—From the Leyden Museum.

SCIURUS PLATANI, The Bajing.

Sciurus platani, *Liungh. K. Vetensk. Nya Hand.* xxiii. p. 99. t. 1. *Gray, List of Mam. B. M.* p. 141. *Horsf. Z. Java*, t. *S. notatus*, *Bodd.* *S. bilineatus*, *Geoff. Mus. Paris.* Platane squirrel, *Penn.*

- a. b. c. d. & e. Adult. Java.—From the Leyden Museum.

SCIURUS LATICAUDATUS.

The Sharp-nosed Squirrel.

Sciurus laticaudatus, *Müller, Z. Ind. Arch.* t. 15. fig. 1. 2. 3. ? *Rhinosciurus tupaoides*, *Gray, List of Mam. B. M.* p. 195.

- a. Adult. Borneo.—From the Leyden Museum.

SCIURUS NIGRO-VITTATUS.

The Black-banded Tupai.

Sciurus nigro-vittatus, *Horsf. Zool. Java.* 2. *Gray, List of Mam. B. M.* p. 141.

- a. to d. Adult. Java.—From the Leyden Museum.

XERUS, *Elhrenb.*

XERUS SETOSUS. The Agiump.

Sciurus setosus, *Forster.* *S. levaillantii*, *Kuhl, Beitr.* *S. leucoumbrinus*, *Rüppell, Atlas. Zool.* t. *S. albivittatus* var. *Desm.?* *S. namaquensis*, *Licht, Cat.* *S. erythropus*, *Geoff.* *S. capensis*, *Thunb.* *Xerus setosus*, *Gray, List of Mam. B. M.* p. 144. *Cat. of bones of Mam. B. M.* p. 218.

- a. Adult. Gold Coast, Africa.—From the Leyden Museum.

TAMIAS, *Illig.*

TAMIAS STRIATUS. The Swiss.

Sciurus striatus, *Linna.* *Tamias striatus*, *Gray, List of Mam. B. M.* p. 145. *Ecureuil suisse*, *Buffon.* x. t. 28. Striped dormouse, *Penn.*

- a. b. & c. North America.—From the Niagara Falls Museum.

ARCTOMYS, *Schreb.*

ARCTOMYS EMPETRA.

The Quebec Marmot or Weennusk.

Arctomys empetra, *Schreb.* *Gray, List of Mam. B. M.* p. 147. *Cat. of bones of Mam. B. M.* p. 219. *Schreb.* t. 210. *Rich. N. Z.* p. 147. t. 9. *Mus empetra*, *Pallas*, p. 75. *Glis canadensis*, *Erx.* *Arctomys melanopus*, *Kuhl. Beitr.* p. 64. *Monax glis*, *F. Cuv.* *Arct. marmotta canadensis*, *Kuhl.?* *Mam. Lithog.* t.

- a. Adult. North America.—From the Niagara Falls Museum.

ARCTOMYS MARMOTTA. The Marmot.

Arctomys marmotta, *Gray, List of Mam. B. M.* p. 148. *Blasius, Wirbelthiere*, p. 280. fig. 158. *Mus mar-*

motta, *Linn.* *Marmotta alpina*, *Blumenb.* *Arctomys alpinus*, *P. Cuv. Buffon*, *H. N.* viii. t. 21. *Mem. Mus.* ix. t. 14.

- a. Adult. Switzerland.—From the Hamburg Museum.

Myoxus, *Schreb.*

Myoxus quercinus. The Lerot.

Mus quercinus, *Linn. S. N.* i. p. 84. *Myoxus nitela*, *Schreb.* t. 226. *Mus nitedula*, *Pallas, Glir.* p. 88. *Buffon, H. N.* viii. p. 181. t. 25. *Myoxus quercinus*, *Gray, List of Mam. B. M.* p. 133. *Blasius, Wirbelthiere*, p. 289.

- a. Adult. }
b. Young. } Germany.

Myoxus glis. The Loir.

Myoxus glis, *Schreb.* t. 225. a. *Sciurus glis*, *Linn. S. N.* xii. p. 87. *Mus glis*, *Alb. Magn. de anim. lib.* xxii. p. 180. *Glis esculentus*, *Blumenb. Naturg.* x. p. 82. *Gesner, Quadr.* p. 219. fig. *Buffon, H. N.* viii. 158. t. 24. *M. dryas*, *Schreb.* t. 225. b. *M. glis*, *Gray, List of Mam. B. M.* p. 132. *Blasius, Wirbelthiere*, p. 292. fig. 162.

- a. Adult (in spirits). Hartz Mountains, Germany.—Presented by Mr. Gerard Krefft.

Myoxus avellanarius. The Dormouse.

Mus avellanarius, *Linn. L. S.* xii. p. 83. *Myoxus muscardinus*, *Schreb. Säugeth.* iii. p. 835. *Mus corilinum*, *Alb. Mag. de anim. lib.* f. 182. *M. avellanarum minor*, *Aldrov. Digit.* 439. fig. *Muscardin*, *Buffon, H. N.* viii. 193. t. 26. *Edw. Glean.* ii. 266. *Bell, Br. Quadr.* fig. *Muscardinus avellanarius*, *Gray, List of Mam. B. M.* p. 133. *Blasius, Wirbelthiere*, p. 297. fig. 163.

- a. & b. Adult. Germany.

FAM. MURIDÆ.

Mus, *Linn.*

Mus decumanus.

The Norway Rat.

Mus decumanus, *Pall, Nov. Spec. Glir.* p. 91. *M. hi-bernicus*, *Thompson, Proc. Zool. Soc.* 1837. p. 52. *M. silvestris*, *Briss. Règn. An.* p. 173. *M. aquaticus*, *Gessner, Quadr.* p. 732. *Glis norwegicus*, *Klein, Quadr.* p. 56. *M. decumanus*, *Gray, List of Mam. B. M.* p. 108. *Cat. of bones of Mam. B. M.* p. 163. *Blasius, Wirbelthiere*, p. 313.

- a. Adult female (in spirits). Sydney.

Mus decumanoides.

The Indian Rat.

Mus decumanoides, *Hodgson, Calcut. J. N. H.* 1841. 220. *Gray, List of Mam. B. M.* p. 109.

- a. Adult. Java.—From the Leyden Museum.

Mus musculus.

The Common Mouse.

Mus musculus, *Linn. Gray, List of Mam. B. M.* p. 111. *M. islandicus*, *Thienem. Reise.* t. 8. *Buffon, H. N.* vii. t. 39. *Supp.* iii. t. 30.

- a. & b. Adult male and female (in spirits). Sydney.
c. & d. Pure white. Sydney.

Mus sylvaticus.

The Wood Mouse.

Mus sylvaticus, *Linn, Proc. Zool. Soc. List of Mam. B. M.* p. 111. *Blasius, Wirbelthiere*, p. 322. fig. 175. *Mulot, Buffon, H. N.* vii. t. 41.

- a. & b. Adult male and female (in spirits). Switzerland.—Presented by Mr. Gerard Krefft.
c. Adult. Hamburg.—From the Hamburg Museum.

MUS FUSCIPES.

The Brown-footed Rat.

Mus fuscipes, *Waterh. Zool. of the Beagle*. p. 66. pl. 25.
Gray, List of Mam. B. M. p. 111. *Mus lutreola*,
Gray, App. to Grey's Trav. Vol. II. p. 409. *Gould,*
Mam. of Austr. Vol. III. pl. 11.

- a. Adult male. New South Wales.
 b. Young. Sydney.—Presented by Mr. Edw. S. Hill.
 c. Young male (in spirits). King George's Sound.
 Habitat. The southern portions of Australia generally.

MUS NANUS.

The Little Rat.

Mus nanus, *Gould, Mam. of Austr.* Vol. III. pl. 20.
Jib-beetch, Aborig. of Moore's River, Western Austr.
 a. Adult? New South Wales?
 Habitat. Western Australia.

MUS LINEOLATUS.

The Plain Rat.

Mus lineolatus, *Gould, Proc. Zool. Soc. P. XIII.* p. 77.
Mam. of Austr. Vol. III. pl. 18.
 a. Adult. Rockhampton.
 Habitat. East Coast of Australia.

MUS NOVÆ HOLLANDIÆ.

The New Holland Field Mouse.

Mus novæ hollandiæ, *Waterh. Proc. Zool. Soc. P. x.*
 p. 146. *Gray, List of Mam. B. M.* p. 112. *Gould,*
Mam. of Austr. Vol. III. pl. 22.
 a. Adult. New South Wales.
 Habitat. New South Wales.

MUS LONGIPILIS. The Long-haired Rat.

Mus longipilis, *Gould, Mam. of Austr.* Vol. III. pl. 13.
 a. & b. Adult. Victoria River.—Presented by Mr.
 Thomas Wall.
 Habitat. North Australia.

MUS SORDIDUS.

The Sordid Rat.

Mus sordidus, *Gould, Mam. of Austr.* Vol. III. pl. 17.
Dil-pea, Aborig. of the Darling Downs.
 a. Adult male (in spirits). Rose Bay, near Sydney.
 Presented by Mr. Edw. S. Hill.
 b. Half grown (in spirits). Elizabeth Bay, near Sydney.—Presented by Mr. W. S. Macleay, M.A.
 c. Young. Sydney.
 d. Half grown. Eromanga, New Hebrides.—Presented by Mr. Turner.
 Habitat. East Coast of Australia, and probably many of the islands of the Pacific.

MUS GOULDI. Gould's Mouse.

Mus gouldi, *Waterh. Zool. of the Beagle. Mam.* pl. 32.
 fig. 18. *Gray, List of Mam. B. M.* p. 111. *Gould,*
Mam. of Austr. Vol. III. pl. 19. *Mus greyii*, *Gray,*
Grey's Travels. App. Vol. II. p. 410. *Kurn-dyne,*
Aborig. of the neighbourhood of Moore's River, Western
Australia.
 a. Adult. New South Wales.
 Habitat. The Southern half of Australia, from the East to the West Coast.

MUS CERVINIPES.

The Buff-footed Rat.

Mus cervinipes, *Gould, Proc. Zool. Soc.* 1852. *Mam.*
of Austr. Vol. III. pl. 14.
 a. New South Wales.
 Habitat. Eastern portions of New South Wales.

HAPALOTIS. Licht.

HAPALOTIS PENICILLATA.

The Pencil-tailed Hapalotis.

Mus penicillatus, Gould, *Proc. Zool. Soc. P.* x. p. 12.
Ann. and Mag. Nat. Hist. Vol. x. p. 405. Gray, *List*
of Mam. B. M. p. 109. *Hapalotis melanura*, Gray,
List of Mam. B. M. p. 115. ? *H. penicillata*, Gould
Mam. of Austr. Vol. III. pl. 5.

a. Adult male. North Australia.—Presented by Dr.
 Ludwig Leichardt.

Habitat. North Australia.

HAPALOTIS ALBIPES.

The White-footed Hapalotis.

Hapalotis albipes, Licht. *Darst. der Säugeth.* tab. 29.
 Gray, *Ann. Nat. Hist.* Vol. II. p. 308. *List of Mam.*
B. M. p. 115. Gould, *Proc. Zool. Soc.* 1851. p. 126,
Mam. of Austr. Vol. III. pl. 1. *Conilurus constructor*,
 Ogilb. *Trans. Linn. Soc.* Vol. XVIII. p. 126. Bar-roo,
Aborig. of the Darling Downs.

a. & b. Adult. New South Wales.

c. Young male. New South Wales.

HAPALOTIS APICALIS.

The White-tipped Hapalotis.

Hapalotis apicalis, Gould, *Proc. Zool. Soc.* 1851. p. 126.
Mam. of Austr. Vol. III. pl. 2. Tillikin, *Aborig. of*
Gall Gall Creek.

a. b. & c. Adult males. Gall Gall Creek, Lower
 Murray.

Habitat. The Plains of the Murray and Darling.
 This pretty little animal is nocturnal and gregarious
 in its habits. I have frequently taken from
 8 to 10 out of a hollow tree, and tamed them so
 that they kept about the camp, mounting the sup-

per table at tea time for their share of sugar and
 damper. I believe that this is the same social
 animal of which Burke and Wills complained,
 naming a certain locality "Rat Point" after
 it. The flesh is white and of excellent flavour.
 It has been stated that the tail of this animal is
 nearly destitute of the long brushy hairs towards
 the tip which are found in almost all species of
 this genus; this however is not the rule, but the
 exception only, though specimens kept in capti-
 vity soon lose the long hairs, and frequently their
 tails also, if kept in company with other rodents.

G.K.

HAPALOTIS CONDITOR.

The Building Hapalotis.

Mus conditor, Gould, in *Sturt's Narr. of Exp. to Central*
Australia. Vol. I. pl. in p. 120. Vol. II. *App.* p. 7.
Hapalotis conditor, Gould, *Mam. of Austr.* Vol. III.
 pl. 6. Kuhl, *Aborig. of the Lower Murray and*
Darling.

a. Adult. Tapio, Lower Darling.—From the Nation-
 al Museum of Victoria.

Habitat. The Plains of the interior. This animal has
 become exceedingly rare, and is only found in
 localities where it is not disturbed by sheep or
 cattle. I do not think that it occurs south of the
 Murray, where, according to the Aborigines, it was
 found in large numbers not many years ago. The
 hut-like mounds of dry sticks which this rat uses
 in the construction of its habitation, may be fre-
 quently met with on the Murray Plains, but they
 are either uninhabited or occupied by *Hapalotis*
apicalis, a species always at war with the larger,
 and apparently stronger, but not so numerous *Hap-*
alotis conditor.

G.K.

HAPALOTIS ARBORICOLA.

MACLEAY'S HAPALOTIS.

Hapalotis arboricola, MacLeay. *Gould, Mam. of Austr.*
Vol. i. p. xxxv.

a. Adult female. Elizabeth Bay, Port Jackson.—
Presented by Mr. W. S. MacLeay, M.A. F.L.S.

Habitat. The neighbourhood of Sydney. The only specimen of this *Hapalotis* which has as yet been observed was discovered by Mr. W. S. MacLeay at Elizabeth Bay, a locality which may almost be called the centre of the City of Sydney. The following is a description of this rare species:

Fur rather harsh to the touch and of a slate-grey next the skin, the longer hairs or outer coat being mingled ochreous and black; sides greyish, with an admixture of ochreous yellow, which becomes darker towards the back, and has the black hairs much longer than any other part; outer surface of the ears clothed with dark brown hairs. This pretty animal inhabits lofty trees and builds a nest similar to that of a bird. It is about the same size as *Hapalotis apicalis*. G.K.

HAPALOTIS MITCHELLII.

MITCHELL'S HAPALOTIS.

Dipus mitchellii, Ogilby, *Linn. Trans.* Vol. xviii. p. 129.
Mitch. Trav. Vol. ii. p. 144. pl. 29. *Gould, Proc. Zool. Soc. P.* iii. p. 151. *Hapalotis mitchellii*, Gray, *App. to Grey's Trav.* Vol. ii. p. 404. & 413. *Gould, Mam. of Austr.* Vol. iii. pl. 9. Djir-dow-in, Aborig. near Perth. Mat-tee-getch, Aborig. of Moore's River, Western Austr. Kahl-pe-re, Aborig. of Lower Murray district.

a. & b. Adult. Lower Murray.

c. & d. New South Wales.—Presented by Sir Thomas L. Mitchell.

e. & f. Lower Murray.

Habitat. The Plains of the interior, from Western Australia to the mountain ranges of the East Coast.

DIPODOMYS, Gray.

DIPODOMYS PHILLIPSII.

The Kangaroo Mouse.

Dipodomys phillipsii, Gray, *List of Mam. B. M.* p. 120.
and *Cat. of the bones of Mam. B. M.* p. 175.

a. North America.

GERBILLUS, Desm.

GERBILLUS AFER.

The Dun Rat.

Gerbillus afer, Gray, *Spic. Zool.* ii. 10. *List of Mam. B. M.* p. 131. *Cat. of Bones of Mam.* p. 206. *Meriones schlegellii*, *Smuts. Mam. Cap.* 4. t. i. 3. fig. 1—5. *G. Afer*, A. Smith, *Illustr. Af. Zool.* t. 35. *Mus sericeus*, *Temm.* *Meriones sericeus*, *Licht.* ? *G. africanus*, *F. Cuv. Trans. Zool. Soc.* ii. 143.

a. Adult. South Africa.

CRICETUS, Pall.

CRICETUS FRUMENTARIUS.

The Hamster.

Cricetus frumentarius, *Pall. Zoogr.* i. p. 161, *Procel-lus frumentarius*, *Schwenk. Ther.* p. 118. *Mus cricetus*, *Linn. L. S.* xii. p. 82. *Cricetus vulgaris*, *Desm. Nouv. Dict.* xiv. p. 168. *Buffon, H. N.* xiii. t. 14. *C. frumentarius*, *Gray, List of Mam. B. M.* p. 115. *Blasius, Wirbelthiere*, p. 305. fig. 169 & 170.

a. & b. Adult. Brunswick, Germany.

c. Skeleton. Germany.

CRICETOMYS, Waterh.

CRICETOMYS GAMBIANUS.

The Gambian Rat.

Crycetomys gambianus, *Waterh. Proc. Zool. Soc.* 1840.

p. 2. *Mus goliath*, Rüppell, *Mus. Senkenb.* t. 10. fig. 1. a, b, c. (skull).

a. Adult male. Gold Coast, Africa.—From the Leyden Museum.

ARVICOLA, Lacep.

ARVICOLA AMPHIBIUS.

The Water Rat.

Mus amphibius, Linn. *S. N.* xii. p. 82. *Mus paludosus*, Linn. *Mant.* pl. 2. p. 522. *Mus aquatilis*, Agric. *An. subit.* p. 58. *Mus aquaticus*, Belon. *Aquat.* p. 35. fig. 36. *Arvicola ater*, MacG. *Trans. Wern. Soc.* vi. p. 424. *A. pertinax*, Savi, *Mus. Pis.* *A. musignanii*, De Selys, *Rev. Zool. Jan.* 1839. *A. destructor*, Savi, *Giorn. d'Let.* 102. Febr. 1839. *Mus terrestris*, Linn. *S. N.* xii. p. 82. *A. argentoratensis*, Desm. *Mam.* p. 280. *Lemmus schermaus*, F. Cuv. *Dict. des Sci. nat.* vi. p. 307. *Mus schernman*, Shaw, *Gen. Zool.* ii. p. 75. *A. monticola*, De Selys, *Rev. Zool.* 1838. *A. amphibius*, Gray, *List of Mam. B. M.* p. 118. Blasius, *Wirbelthiere*, p. 344. fig. 183 to 190.

a. Adult male. Europe.

ARVICOLA GLAREOLUS.

The Bank Campagnol.

Mus glareolus, Schreb. *Säugeth.* iii. p. 680. t. 190. B. *Mus rutilus* var. Pall. *Nov. Spec. Glir.* p. 247. *Arvicola fulvus*, Millet, *Faune de Maine et Loire*, 1828. *A. riparia*, Yarrell, *Proc. Z. S.* 1832. p. 109. *A. pratensis*, Baill. *F. Cuv. Mam.* iv. *Lemmus rubidus*, Baill. *Cat.* 1834. *Hypudæus hercynicus*, Mehlis, *Schreb. Syth. Fortsetz.* *A. rufescens*, De Selys, *Camp. de Liège*, p. 13. *Hypudæus nageri*, Schinz. *Syn. Mam.* ii. p. 237. *A. glareolus*, Gray, *List of Mam. B. M.* p. 119. Blasius, *Wirbelthiere*, p. 337. fig. 177 to 180.

a. Adult. Hamburg.

ARVICOLA NIVALIS.

The Alpine Arvicole.

Arvicola nivalis, Martins, *Revue Zool.* 1842. p. 331. *Ann. des Sci. nat.* xix. 1843. p. 87. Blasius, *Wirbelthiere*, p. 359. fig. 193. & 194. Gray, *Cat. of bones of Mam. B. M.* p. 178. *Hypudæus alpinus*, Wagn. *Schreb. Säugeth. Supp.* iii. 1843. p. 576. tab. 191. B. *H. nivicola*, Schinz. *Syn. Mam.* ii. p. 236. *A. leucurus*, Gerbe. *Revue Zool.* 1852. p. 260. t. 11. *A. lebrunii*, Cresp. *Faune merid.* 1844. i. p. 77. *Hypudæus petrophilus*, Wag. *Münchener Gel. Anz.* 1853. No. 38. p. 307.

a. & b. Adult. Switzerland.

ARVICOLA ARVALIS.

The Campagnol.

Mus arvalis, Pall. *Nov. Spec. Glir.* p. 78. *Arvicola vulgaris*, Dem. *Mam.* p. 232. *A. fulvus*, De Selys, *Revue Zool.* 1847. *Hypudæus rufescens-fuscus*, Schinz. *Syn. Mam.* ii. p. 240. *Arvicola baillonii*, De Selys, *Congrès de Turin.* 1840. *A. duodecim costatus*, De Selys, *Micr.* p. 110.

a. & b. (in spirits). Hartz Mountains, Germany.

c. Europe.

d. Switzerland.

FAM. JERBOIDÆ.

HELAMYS, F. Cuv.

HELAMYS CAPENSIS.

The Spring-haas.

Helamys capensis, F. Cuv. *Gray, List of Mam. B. M.* p. 130. *Cat. of bones of Mam.* p. 204. *Mus caffer*, Pallas, *Glir.* 87. *Gerbua capensis*, Forster, *Icon.* t. 13. *K. Sw. Acad.* 1778. t. 3. *Pedestes capensis*, Desm. *P. typicus*, A. Smith. *Buffon, H. N. Supp.* vi. t. 15.

a. Adult. South Africa.

ALACTAGA, *F. Cuv.*

ALACTAGA VEXILLARIS.

The Alactaga.

Alactaga vexillaris, *Gray, List of Mam. B. M.* p. 131.
Cat. of bones of Mam. p. 205. *Mus jaculus*, *Pall.*
Dipus jaculus, *Desm.*? *D. alactaga*, *Oliv.*? *D. vexilla-*
ris, *Brandt.* *Cuniculus saliens*, *Gmel.* *Mus saliens*,
Heyne. *D. decumanus*, *Licht. Säugeth.* t. 25.

a. Siberia.

FAM. SPALACIDÆ.

SPALAX, *Güldenst.*

SPALAX TYPHLUS.

The Slepez.

Spalax typhlus, *Illiger.* *Mus typhlus*, *Pallas, Nov.*
Spec. Glires, p. 76 and 154. *Spalax microphthalmos*,
Güld. Nov. Comm. Petr. xiv. p. 409. t. 8. 9. and p.
 504. t. 15. *Marmota podolica*, *Penn. Sys.* p. 277.
M. typhlus, *Blumenb. Handb.* x. p. 86. *Cuniculus*
subterraneus, *Racz. Auct.* p. 325. *Spalax pallasii*,
v. Nordm. Bulletin de St. Petersb. v. p. 200. *Spalax*
xanthodon v. Nordm. Demidoff, Voyage dans la Russie,
 m. i. *S. typhlus*, *Gray, List of Mam. B. M.* p. 148.
Blasius, Wirbelthiere, p. 399. fig. 223.

a. Adult. Russia.—From the Hamburg Museum.

b. Adult. Russia, River Wolga.

FAM. CASTORIDÆ.

MYOPOTAMUS, *I. Geoff.*

MYOPOTAMUS COYPUS.

The Coypu, or Racoonda.

Myopotamus coypus, *I. Geoff. Gray, List of Mam.*
B. M. p. 121. *Waterhouse, Nat. Hist. Mam.* ii. p.
 297. pl. 14. fig. 2 & 3. *Gray, Cat. of bones of Mam.*

p. 183. *Mus coypus*, *Molini.* *Mus castoroides*,
Burrows. *Potamys coypou*, *Desm.* *Mus bonarien-*
sis, *Commerson?* *Castor hudsonianus*, *Molini.*
 a. Adult. South America.

FIBER, *Desm.*

FIBER ZIBETHICUS.

The Ondatra.

Fiber zibethicus, *Desm. Baird, Mam. of N. A.* pl. 54.
 fig. 626. b. *Gray, Cat. of bones of Mam.* p. 184.
List of Mam. B. M. p. 121. *Castor zibethicus*, *Linn.*
Ondatra americanus, *Tiedem.*

a. Adult. North America.

FAM. HYDROMYIDÆ.

HYDROMYS, *Geoff.*

HYDROMYS CHRYSOGASTER.

The Golden-bellied Beaver Rat.

Hydromys chrysogaster, *Geoff. Ann. Mus. Tom. vi.*
 p. 81. tab. 36. fig. A. *Gray, List of Mam. B. M.*
 p. 121. *Gould, Mam. of Austr.* Vol. iii. pl. 24.
 a. Half grown male. New South Wales.

Habitat. The present species appears to be restricted
 to the Rivers and Creeks of the interior, as the
 Murray, Darling, Loddon, the Avoca, and other
 streams; Gould also mentions its occurrence in
 Tasmania.

G.K.

HYDROMYS LEUCOGASTER.

The White-bellied Beaver Rat.

Hydromys leucogaster, *Geoff. Ann. Mus. Tom. vi.* p.
 81. tab. 36. figs. B. C. D.? *Gould, Mam. of Austr.*
 Vol. iii. pl. 26.

a. Adult male. Sydney.—Presented by Mr. Geo.
 Frost.

b. Adult male. Rose Bay, Port Jackson.—Presented
 by Mr. Edw. S. Hill.

- c. Female. Sydney.—Presented by Mr. C. Arthur.
 d. & e. Male and female. Clarence River.
 f. Young (in spirits). Nelson Bay.—Presented by Mr. J. B. Holdsworth.

Habitat. The Rivers, Creeks, and Inlets of the East Coast from Cape Howe to Queensland, (frequently found in salt water.) G.K.

HYDROMYS FULVOLAVATUS.

The Fulvous Beaver-Rat.

Hydromys fulvolavatus, Gould, *Mam. of Austr.* Vol. III. p. 25.

a. Adult. New South Wales.

Habitat. The Lower Murray, Lake Albert, and the Torrens. Gould.

HYDROMYS LUTRILLA.

MacLeay's Beaver-Rat.

Hydromys lutrilla, MacLeay, Gould, *Mam. of Austr.* Vol. I. xxvi.

a. Adult? Elizabeth Bay, Port Jackson. — Presented by Mr. W. S. MacLeay, M.A. F.L.S. &c.

Habitat. The only specimen of this Beaver-Rat as yet discovered was found by Mr. MacLeay in front of his residence, at Elizabeth Bay, near Sydney, swimming and diving among the rocks.

Description:

Fur remarkably soft, and of a vinous or brownish grey next the skin, covered with dark brown and some sand-coloured hair on the flanks, and buff hair on the sides of the neck; throat and abdomen white; fore legs somewhat paler than the other parts of the body, with the exception of a brown patch on the upper surface of the feet; toes clothed with light-brown hair; nails white; tarsi sepia-brown; whiskers black and white intermixed, the

black hair being the longest; tail about 7 inches long, nearly covered with dark brown coarse hair, without any white at the tip.

Total length		17 inches.
Length of tail		7 "
" " face to base of ear		2 "
" " tarsi and toes		2 "

FAM. HYSTRICIDÆ.

HYSTRIX, Linn.

HYSTRIX CRISTATA.

The Porcupine.

Hystrix cristata, Linn. *Buffon*, H. N. XII. t. 51 and 52. *Blumb. Abbild.* t. 81. *Mam. Lithog.* t. Gray, *List of Mam. B. M.* p. 122. *Cat. of bones of Mam.* p. 191.

a. Adult. South of Europe?

FAM. LEPORIDÆ.

LEPUS, Linn.

LEPUS CUNICULUS. The Rabbit.

Lepus cuniculus, Linn. *S. N.* I. 77. *Buffon*, H. N. VI. p. 303. t. 50. *Bell, B. Quad.* p. 348. & 352. fig. *Gray, List of Mam. B. M.* p. 128. *Cat. of bones of Mam.* p. 199. *Blasius. Wirbelthiere*, p. 426. fig. 230.

a. Adult. Large specimen of domestic variety. Sydney.

b. to d. Adult. (Wild var.) Brunswick, Germany.

LEPUS TIMIDUS. The Hare.

Lepus timidus, Linn. *Faun. Succ.* II. p. 9. 25. *Syst. Nat.* XII. I. p. 77. *L. timidus* Gray, *List of Mam. B. M.* p. 126. *Cat. of bones of Mam.* p. 199. *Blasius, Wirbelthiere*, p. 412. fig. 228. *L. vulgaris*, L. *S. Ed.* II. p. 46. *Bell, Brit. Quad.* p. 333. fig. *L. europæus*, *Pull. Nov. Spec. Glir.* p. 30. *L. campicola* Schimp. *Ger-vais, Zool. et Pal. Franç.* p. 29. *L. caespicius*, Ehrenb.

Symb. phys. fol. 9. *L. aquilonius*, *Blas. Bericht*, xix. *Vers. d. Natf.* p. 89. *L. medius*, *Nilss. Midd. Bullet. St. Petersburg*, ix. 14—16. *L. mediterraneus*, *Wagn. Münch. g. Anz.* 1841. p. 439. *L. meridionalis*, *Géné, Gervais, Zool. et Pal. Fran.* p. 29. *L. granatensis*, *Schimp. Regensb. Corresp.* 1850. p. 111.

a. Adult. Hamburg.

b. Skeleton. Sydney.—From the Botanical Gardens.

LEPUS VARIABILIS.

The Snow Hare, or Scotch Hare.

Lepus variabilis, *Pall. Nov. Spec. Glir.* p. 1. *Gray, List of Mam. B. M.* p. 126. *Cat. of bones of Mam.* p. 200. *Blasius, Wirbelthiere*, p. 420. *L. alpinus*, *Penn. Syn. of Quadr.* p. 249. *L. albus*, *Brisson, Quadr.* p. 95. *L. borealis*, *Nilss. Ill. Fig. Skand. Faun.* 1820. iii. t. 19. *L. canescens*, *Nilss. Ill. fig.* iii. t. 22. *L. hibernicus*, *Farr. Proc. Zool. Soc.* 1833. p. 88.

a. Adult. Winter coat. Scandinavia.

b. Adult. Summer coat. Switzerland.

LEPUS KURGOSA.

The Sassa, or Chargosh.

Lepus kurgosa, *Buchanan, Mysore*, i. 169. *Gray, List of Mam. B. M.* p. 128. *L. nigricollis*, *F. Cuv. Dict. Sci. Nat.* xxvi. 307. (?) *Sykes, Elliot, Madras Jour.* x. 218. *L. melanauchen*, *Temm?*

a. Adult. Madras.—From the Madras Government Central Museum.

LEPUS AMERICANUS.

The Wawpoos, or American Hare.

Lepus americanus, *Ersl. Rich. N. Zool.* *Gray, List of Mam. B. M.* p. 129. *L. Hudsonius*, *Pallas.* *L. vir-*

ginianus, *Harlan.* *L. nanus*, *Lawson.* *Rabbit, Residents at Hudson's Bay.* *American Hare*, *Kalm. Forster.*

a. Adult. North America.

FAM. CAVIADÆ.

CAVIA. *Mareg.*

CAVIA APEREA.

The Cavy, or Guinea Pig.

Cavia cobaya, *Mareg. Hist. R. n. Bras.* p. 224. *Mus procellus*, *Linn. Amoen. Acad.* iv. p. 190. *Mus brasiliensis*, *Linn. Mus. Ad. Frid.* i. p. 9. *Procellus indicus*, *Schwenkf. Ther.* p. 119. *Hydrochoerus cobaya*, *F. Cuv. Dict. des Sci. Nat.* vi. p. 15. *C. cobaya*, *Blasius, Wirbelthiere*, p. 429. 430. *C. aperæa*, *Gray, List of Mam. B. M.* p. 125. *Cat. of bones of Mam.* p. 197.

a. Adult. Sydney.

ORDER EDENTATA.

FAM. BRADYPODIDÆ.

BRADYPUS, *F. Cuv.*

BRADYPUS TRIDACTYLUS.

The Sloth.

Bradypus tridactylus, *Linn. Pr. Max. Abbild. Gray, List of Mam. B. M.* p. 193. *Al, Buffon, II. N.* xiii. t. 5. 6. *Müller, Delic.* ii. t. i. f. 1—3. *Sloth Ed. Glean.* ii. t. 310. *Shaw, Mus. Lever.* i. t. 3. *Griffith, A. K.* t. 136. t. 137. young. *Cuv. Oss. Fos.* v. 73. t. 4. t. 5. and t. 7. f. 1, 2.

a. Skeleton. Brazils.

FAM. DASYPODIDÆ.

DASYPUS, *Linn.*

DASYPUS PEDA.

The Peba or Armadillo.

Dasyopus pedea, *Desm.* *D. longicaudus*, *Pr. Max. Abbild.* *D. septemcinctus*, *Linn.* *D. octocinctus*,

Schreb. t. 73, 76. f. 5, 6. *D. novemcinctus*, *Linn. Blumenb. Abbild.* t. 83. *D. niger*, *Illig. Licht. Seba.* i. t. 29. f. 1.; t. 53. f. 6. *Buffon, H. N. x.* t. 37. *Cuvier, Oss. Fos.* v. t. 10. *Tatusia septemcinctus*, *Gray, List of Mam. B. M.* p. 189. *Cat. of bones of Mam.* p. 286. *T. peba*, *Owen, Odont.* pl. 85. f. 2.

a. Adult. South America.

b. Adult (in spirits). South America.

FAM. MIRMECOPHAGIDÆ.

MYRMECOPHAGA, *Linn.*

MYRMECOPHAGA JUBATA.

The Maned Ant-eater, or Great Ant-eater.

Myrmecophaga jubata, *Linn. Blumenb. Abbild.* t. 82. *Griffith, A. K.* t. 143. *Shaw, Mus. Lever.* t. 12. *Gray, List of Mam. B. M.* p. 191. *Cat. of bones of Mam. B. M.* p. 288. *M. tridactyla*, *Linn. M. Sciurea*, *Pallas. Buffon, H. N. x.* t. 29. *Cuv. Oss. Fos.* v. t. 9.

a. Skeleton. South America.

MYRMECOPHAGA DIDACTYLA.

The Little Ant-eater.

Myrmecophaga didactyla, *Linn. Blumenb. Abbild.* t. 22. *Edwards, Glean.* i. t. 200. *M. minima*, *Brisson. Fourmilier, Buffon, H. N. x.* t. 30. *Cyclothurus didactylus*, *Lesson. Gray, List of Mam. B. M.* p. 191. *Cat. of bones of Mam. B. M.* p. 290.

FAM. MANIDÆ.

MANIS, *Linn.*

MANIS PENTADACTYLA.

The Badgerit, or Bajjerkeit.

Manis pentadactyla, *Linn. S. N. Griffith, A. K.* t. 145. ? *Gray, List of Mam. B. M.* p. 188. *Cat. of bones of*

Mam. B. M. p. 285. *M. macroura*, *Desm. Mam.* p. 376. *M. brachyura*, *Erl. Gray, Illust. Ind. Zool.* ii. t. 22. *Proc. Zool. Soc.* 1839. p. 133. *M. brevicaudata*, *Tiedem. M. laticaudata*, *Illig. M. aurita*, *Hodgson, J. A. S. Beng.* 1836. p. 234. *Pangolinus typus* and *P. brachyurus*, *Lesson. Forster, Mem. Acad. Berl.* 1788. t. 5., 6. *Phil. Trans. Lx.* p. 36. t. 21. *Pangolin*, *Buffon, H. N. x.* t. 34.

a. India.

b. Flat Skin. India.

MANIS TETRADACTYLA.

The Phatagin.

Manis tetradactyla, *Linn. S. N. iii.* 53. *Gray, List of Mam. B. M.* p. 188. *M. africana*, *Desm. Mam.* p. 376. *M. macroura*, *Erl. M. longicaudata*, *Shaw, Zool.* i. t. 55. *M. tricuspidis* and *M. Ceonyx*, *Raffin, Ann. Gen. Sci. Phys.* vi. 215. *Clus. Exot.* 374. *Mus. Berl.* 39. t. 11. *Buffon, H. N. x.* t. 35.

a. Adult. South Africa.

ORDER PACHYDERMATA.

FAM. ELEPHANTIDÆ.

ELEPHAS, *Linn.*

ELEPHAS INDICUS.

The Indian Elephant.

Elephas indicus, *Linn. Mus. Adolph.* i. 11. *Cuv. Menag. Mus. Gray, List of Mam. B. M.* p. 183. *Cat. of bones of Mam.* p. 274. *E. maximus*, *Linn. S. N.* i. 48. *E. asiaticus*, *Blumenb. Handb.* 128. *Abbild.* t. 19. B. *Wolf. Abbild.* i. t. 12. *Mam. Lithog.* t. *Edwards. Glean.* i. t. 221. *Buffon, H. N. xi.* t. 1. *Supp. iii.* 59. *Phil. Trans.* 1799. t. 5—12. *N. Act. Acad. Nat. Cuv. xii.* t. 33, 34. *Cuvier, Oss. Fos.* i. t. 1 to 10.

a. Young. India.—Presented by Mr. Wm. Beaumont

b. Skeleton. India.

c. to f. Molar teeth. India.

FAM. SUIDÆ.

SUS, Linn.

SUS SCROFA. The Hog.

Sus scrofa, Linn. *S. N.* xii. p. 102. Gray, *List of Mam. B. M.* p. 184. *Cat. of bones of Mam.* p. 276. Blasius, *Wirbelthiere*, p. 508. fig. 274, 275. *S. europæus*, Pall, *Zoogr.* i. p. 265. *Sus domesticus*, Brisson, *Regn. An.* p. 74.

- a. Skull. Sydney.
- b. Tusk. New Zealand.

BABIRUSSA, F. Cuv.

BABIRUSSA ALFURUS.

The Babirussa.

Babirussa alfurus, Less. *Man.* 338. Gray, *List of Mam. B. M.* p. 185. *Cat. of bones of Mam. B. M.* p. 279. *Sus babyrussa*, Linn. *Quoy and Gaim. Voy. Astrol.* t. 22, 23. *Aper orientalis*, Brisson, *R. A.* 110. *Seba.* i. t. 50. f. 2. Buffon, *H. N.* xii. t. 48. *Supp.* iii. t. 12. *Grew. Mus. R. S.* 27. t. 1. *Mam. Lithog.* t. Griffith, *A. K.* iii. 402. t.

- a. b. & c. Skulls. India.

DICOTYLES, Cuv.

DICOTYLES TAJACU.

The Pecari, or Tajacu.

Dicotyles tajacu, Gray, *List of Mam. B. M.* p. 186. *Cat. of bones of Mam. B. M.* p. 280. *D. torquatus*, Cuv. *Mam. Lithog.* *D. minor*, Schinz. *Thierreich*, iv. 511. (young). *Sus tajacu*, Linn. *S. N.* i. 103. *S. tajassu*, Erzl. *Pecari*, Buffon, *H. N.* x. 21. t. 3. *Tajacu*, Marcgr. *Bras.* 229. fig. *Tajeteton*, Azara.

- a. Skull. Brazils.

FAM. RHINOCEROTIDÆ.

RHINOCEROS, Linn.

RHINOCEROS UNICORNIS.

The Indian Rhinoceros.

Rhinoceros unicornis, Linn. *S. N.* i. 104. Gray, *List of Mam. B. M.* p. 186. *Cat. of bones of Mam. B. M.* p. 281. *R. indicus*, Cuv. *Menag. Mus. t. Oss. Fos.* ii. 5. t. 1-5. *R. asiaticus*, Blumenb. *Handb.* 130. *Abbild.* t. 7. *B. R. inermis*, Lesson, *Cat.* 159. Edwards, *Glean.* i. t. 221. f. 2. Buffon, *H. N.* xi. 174. t. 7. Wolf, *Abbild.* i. 83. t. 20. Gessner, *Quadr.* 952. fig. *Phil. Trans.* No. 470, 523. t. i. Albini, *Quat.* t. 48.

- a. Skull of Adult. India.

HYRAX, Herm.

HYRAX CAPENSIS.

The Klip-das, or Cape Hyrax.

Hyrax Capensis, Schreb. *Säugeth.* 290. t. 240. Gray, *List of Mam. B. M.* p. 187. *Cat. of bones of Mam. B. M.* p. 283. *Cavia Capensis*, Pallas, *Misc.* 34. t. 3. *Spic. Zool.* ii. 22. t. 2. Linn. *S. N.* iii. 223. Buffon, *Supp.* iii. 177. t. 29.; iv. 175. t. 63. Cuv. *Oss. Fos.* ii. 127-141. t. 1, 2, 3.

- a. Adult. Cape of Good Hope.
- b. Young. South Africa.—Presented by Mr. J. Verreaux.
- c. Skull. South Africa.
- d. Adult. South Africa.—From the South African Museum.

FAM. EQUIDÆ.

EQUUS, Linn.

EQUUS CABALLUS.

The Horse.

Wild Varieties.

Brown, grey, or black, with roundish pale spots.

Var. *Equiferus*, Pallas, *Zool. Ross. Asiat.* i. 250; *Eichw. Faun. Casp. Caur.* 29.

Wild Pferde, S. G. Gmelin, *Reise Russland*, i. 44. t. 9. (cop. Shaw, *Zool.* t. 414; Schreb. t. 109); Pallas, *Reis.* i. 211.

Takija or Wild Horses, Hanway, *Hist. Caspian Sea*, i. 349; Bell, *Travels*, i. 212; Smith, *Equidae*, 146.

Domestic Varieties.

Equus antiquorum, Gesner, *Quad.* 132.

Equus Caballus, Linn. *Syst. Nat.* i. 100; Gmel. *S. N.* i. 209; Desm. *Mamm.* 416; F. Cuvier, *Dict. Sci. Nat.* viii. 455; Fischer, *Syn. Mamm.* 429; Gray, *Zool. Journ.* i. 260; *List Mamm. B. M.* 182; *List Osteol. B. M.* 70; *List Hodgson Col.* 35; *Cat. of Mam. B. M. Part nr.* 263; *Cat. of bones of Mam.* 272; Blasius *Wirbelthiere*, 502. fig. 273.

Equus, Equa, Pliny, *II. N.*; Gesner; Pallas, *Z. R. A.* i. 255.

Horse, Penn. B. Z. i.

Generous Horse, Penn. *Quad.*

Cheval, Buff. *II. N.* iv. 174; Cuvier, *R. A.* i. 243.

Pferd, Redinger.

Ross, Schrank.

The Horse, Youatt, *The Horse, its History, Breeds, &c.*, Ham. Smith, *Equidae*, Jardine's *Naturalist's Library*.

a. Skeleton of Adult male, (Blood Horse).—Presented by Mr. Stewart.

ORDER RUMINANTIA.

FAM. CAMELIDÆ.

LAMA, Cuv.

LAMA PACOS. The Alpaca.

Camelus Pacos, Linn. *Syst. Nat.* xii. 91; Gmelin, *S. N.* i. 171; Ercl. *Syst.* 226; Zimmerm. *Geog. Gesch.* ii. 140; F. Cuvier, *Dict. Sci. Nat.* xxv. 166.

Lama Pacos Lesson, *Mamm.* 352; Fischer, *Syn.* 473; Gray, *List Osteol. Brit. Mus.* 62; Knowsley, *Menag.* t.

Gray, *List of Mam. B. M.* 171. *Cat. of Mam. B. M.* 260. *Cat. of bones of Mam.* 271.

Auchenia Lama v. domestica, Sundevall, *Pecora.*

Auchenia Alpaca, Desm. *Mamm.* 426.

Auchenia Pacos, Tschudi, *Fauna Peru*, t.

Auchenia Glama (var. *Llama*), Bennett, *Gard. Zool. Soc.* 283. fig.

Pacos, Raii *Syn.* 147; *Hern. Mex.* 663; Penn. *Syn.* 66; Shaw, *Zool.* ii. 245.

Paco, Lact. *Nov. Orb.* 405; Buffon. *II. N.* xiii. 16.

Alpague, Frezier, *Voy.* i. 266.

a. Young. Sydney.—The first Alpaca born in New South Wales.

FAM. MOSCHIDÆ.

TRAGULUS, Pallas.

TRAGULUS JAVANICUS. The Napu.

Tragulus Javanicus, Pallas, *Spic. Zool.* xiii. 18; Sundevall, *Pecora*, 121; Gray, *Proc. Zool. Soc.* 1836, 15. 65; *List of Mam. B. M.* 173; *Cat. of Mam. B. M. P.* iii. 249; *Cat. of bones of Mam. B. M.* 270.

Moschus Javanicus, Gmelin, *S. N.* i. 174; Bennett, *Zool. Gardens*, 41; Raffles, Linn. *Trans.* xiii. 261; *Donnd. Zool. Beitr.* i. 583, 1792; Rapp. *Wiegmann. Arch.* 1843, 43. t. 2; Mus. *Leyd.* 1852.

Moschus Indicus, Gmelin, *S. N.* i. 172; Schreb. *Säugeth.* 962. t. 245. not Brisson.

Moschus Napu, F. Cuv. *Man. Lithog.* t.; Fischer, *Syn. Mamm.* 440.

Tragulus Napu, Sundevall, *Pecora*, 63.

a. Male. Java.—Presented by Mr. Peden.

b. Female. Java.—Presented by Mr. Alf. Denison.

c. Adult male. Java.—From the Leyden Museum.

FAM. CERVIDÆ.

Axis, H. Smith.

Axis maculata.

The Axis, or Spotted Deer.

Axis, *Pliny*; *Buffon*, H. N. xi. t. 38, 39; *Cuvier*, *Mémoires Mus. t.*; *Oss. Foss.* iv. 38. t. 5. f. 24, 29.

Cervus Axis, *Ersl. Syst.* 312; *Schreb.* t. 250; *H. Smith*, *Griff.* A. K. v. 786; *Cuvier*, *Oss. Foss.* iv. 39. t. 5. f. 29, horns; *Ogilby in Royle's Himal.* 73; *Bennett*, *Gard. Z. S.* 253; *Sundevall*, *Pecora*, 57.

Axis maculata, *J. Brookes*, *Cat. Mus.* 62, 1828; *Gray*, *List Mam. B. M.* 178; *Cat. Osteol. Coll. B. M.* 178; *Cat. Hodgson Col. B. M.* 32; *Knowsley Menag.* 63; *Proc. Zool. Soc.* 1850. *Cat. of Mam. B. M.* 212.

Axis major, *Hodgson*, J. A. S. B. x. 914; *Calcutta Journ. N. H.* iv. 292; *Gray*, *Cat. of bones of Mam. B. M.* 262.

Axis minor, *Hodgson*, J. A. S. B. x. 914.

Axis medius, *Hodgson*, *Icon. ined.*

Cerv. Cochon, *Buffon*, *Hist. Nat. Supp.* iii. 122. t. 18.

C. axis Ceylonensis, *H. Smith*, *Griffith A. K.*

Spotted Axis or Chittra, *Hodgson*, J. A. S. B. i. 346.

The Chittra or Axis, *Hodgson*, *Mam. Icon. ined.* n. 204. 1.

Langna, or Pada, or Spotted Porcine Deer, *Hodgson*, J. A. S. B. i. 346.

The Thou or Spotted Porcine Axis, *Hodgson*, *Mam. Icon. ined.* n. 204. 2 (horn smaller).

Axis Deer, *Knight*, *Mus. Anim. Nat.* f. 614.

a. Adult male. India.—Presented by Mr. J. Verreaux.

b. Male. India.—Presented by His Excellency Sir W. F. Denison, K.C.B.

c. Young. India.

HYELAPHUS, Sundevall.

HYELAPHUS PORCINUS.

The Porcine Axis Deer, or Lugna Para and Shgoriah.

Porcine Deer, *Penn.* 42. t. 8. f. 2.

Cervus Hyelaphus var., *Cuvier*, *Oss. Foss.* iv. 43. t. 5. f. 31, horns.

Cervus porcinus, *Zimmer*, *Schreb.* t. 251; *Horzf. Proc. Zool. Soc.* 1839, 150; *F. Cuvier*, *Mam. Lithog.* t.: *Ogilby in Royle's Himal.* 72; *Proc. Zool. Soc.* 1839, 150.

Cervus (Hyelaphus) porcinus, *Sundevall*, *Pecora*, 58.

Axis porcinus, *J. Brookes*, *Cat. Mus.* 62, 1828; *Hodgson*, J. A. S. B. x. 914; *Calcutta Journ. N. H.* iv. 292; *Gray*, *Cat. Hodgson Coll. B. M.* 33.

Cervus niger, *Hamilton*, *Icon. ined.*; *Blainv. Bull. Soc. Philom.* 1816, 76; *Fischer*, *Syn.* 454; *Sundevall*, *Pecora*, 60, 132.

Brown Porcine Axis, *Hodgson*, *Journ. A. Soc. Beng.* i. 346.

Hyelaphus porcinus, *Gray*, *Cat. Osteol. B. M.* 67; *Knowsley Menag.* 64. t. 42; *Proc. Zool. Soc.* 1850; *Cat. bones of Mam. B. M.* 212.

Cervus Hyelaphus, var. 3, *Cuvier*, *Oss. Foss.* iv. 43 (for *C. niger*).

a. Adult female. India.—Presented by Mr. Alfred Denison.

b. & c. Skulls. India.

CAPREOLUS, H. Smith.

CAPREOLUS CAPRÆA.

The Roe Deer.

Capræa, *Plinii*, *Hist. Nat.* viii. c. 55; *Gesner. Quad.* 324. fig.; *Jonston*, *Quadr.* 77. t. 31, 35.

C. Plinii, *Ray. Syn. Quad.* 89.

Capreolus, *Brisson*, R. A. 89.

Cervus minimus, *Klein*, *Quad.* 24.

Cervus capreolus, *Linn.* S. N. i. 94; *Gmelin*, S. N. i. 180; *Ersl. Syst.* 313; *Schreb.* *Säugeth.* 1104. t. 212 A. B.; *Pallas*, *Zool. Ross. A.* i. 219; *Brandt*, *Bull. Acad. Petersb.* iii. 280; *Desm. Mam.* 439; *F. Cuv.*, *Mam. Lith.* t.; *Fischer*, *Syn.* 450, 619; *H. Smith*, G. A. K. iv. 124. t., v. 790.

- Capreolus Caprea, Gray, *List Mam. B. M.* 176; *Cat. Osteol. B. M.* 64; *Cat. of bones of Mam.* 265. *Cat. of Mam. B. M. P.* iii. 222.
 Capreolus europeus; J. Brookes, *Mus. Cat* 62, 1828; Sundevall, *Pecora*, 61. 184; Capreolus capreolus, Blasius, *Wirbelthiere*, 457, fig. 238, 239.
 Roc, Penn, *Syn. Quad.* 53; *Quad.* 108; Shaw, *Zool.* ii. 291.
 Roebuck, Penn, *Brit. Zool.* 18. t.; Knight, *M. A. N.* f. 615; Bell, *Brit. Quad.* fig.
 Chevreuil et Chevrete, Buffon, *H. N.* vi. 198. t. 32, 33.
 Chevreuil d'Europe, Cuvier, *Reg. Anim.* i. 257; *Oss. Foss.* iv. 47. t. 1. f. 37-40.
 Rehbock, *Riding, Jagd. Th.* t. 9; Meyer, *Thier.* ii. 677. 74; *Wildung, Taschenb.* 1797, i. t. 1. 2.

a. Adult female. Hartz mountains, Germany.

RUSA, Hodgson,

RUSA ARISTOTELIS.

The Aristotelian Rusa.

- Gona Rusa, Daniel, *Ceylon*, t.
 Cervus Aristotelis, Cuvier, *Oss. Foss.* iv. 502. t. 39. f. 10; F. Cuv. *Mam. Lith.* t.; Sundevall, *Pecora*, 55.
 Cervus Hippelaphus, Ogilby in *Royle's Himal.* i. 73.
 Cervus Hippelaphus, C. Aristotelis et C. heteroceros, Hodgson, *Icon*, ined.
 Rusa Aristotelis, H. Smith; Gray, *List Mam. B. M.*; *Cat. Hodgson Coll. B. M.* 67; *Osteol. Spec. B. M.* 67; *Cat. of Mam. B. M. P.* iii. 205; *Cat. of Bones of Mam. B. M.* 260.
 Rusa Hippelaphus, Gray, *List Mam. B. M.* 179; *Cat. Hodgson Coll. B. M.* 33.
 Rusa equinus, Gray, *List Mam. B. M.* 179.
 Cervus unicolor, H. Smith, *Griffith A. K.* v. 780.
 Cerf de Coromandel, Cuvier, *Oss. Foss.* iv. 41. t. 5. f. 32, horns.
 Cervus Bengalensis, Schinz, *Syn. Mam.* ii. 390.

- Daim noir de Bengal, Duvaucell, *Asiat. Res.* xv. 157,
 Cerf noir de Bengal, F. Cuvier, *Menag. Lith.* t.
 Cervus equinus (Sambou Deer), Bennett, *Tower Menag.* 185. fig.
 Cerf Mulet?, Cuvier, *Oss. Foss.* iv. 43. t. 5. f. 38, horn.
 Elk, Indian Sportsmen; Sykes, *Proc. Zool. Soc.*
 ?Rusa Nepalensis, Hodgson, *J. A. Soc. Beng.* x. 914; *Calcutta Journ. N. H.* iv. 292.
 Cervus heteroceros, Hodgson, *J. A. S. Beng.* 1841, 722. t.
 C. Hippelaphus, Duvaucell, *Asiat. Res.* xv. 174.
 Biche de Malacca, Cuvier, *Oss. Foss.* iv. 41; F. Cuv. *Mam. Lith.* t.
 Cervus Malaccensis, Fischer, *Syn.*
 Cervus Saumer, Ogilby in *Royle's Himal.* i. 75.
 a. Pair of horns. India.

CERVUS, Linn.

CERVUS DAMA.

The Fallow Deer.

- Platyceros, Pliny.
 Cervus platyceros, Raii *Quad.* 85.
 Cervus dama, Linn. *S. N.* i. 93; Sundevall, *Pecora*, 58; Schreb. *Säugeth.* t. 249 A, B.; Blasius, *Wirbelthiere*, 453. fig. 236, 237.
 Dama vulgaris, Gesner, *Quad.* 335. f. 1. J. Brookes, *Cat. Mus.* 62; Gray, *List Mam. B. M.* 181; *Cat. Osteol. Spec. B. M.* 65; Knowsley *Menag.*; *Proc. Zool. Soc.* 1850; Bonap. *Fauna Ital.* t.; Gray, *List of Mam. B. M.* 181. & Part iii. 201; *Cat. of bones of Mam. B.*
 Dama platyceros, Bonap. *Index Mamm. Europ.* 35, 1845.
 Tarandus Dama, Rüppell, *Verz. Senck. Samml.* 183, 1845.
 Fallow Deer and Buck, Pennant; Knight, *Mus. A. N.* f. 581, 597, 599.
 Daim et Daime, Buffon, *Hist. Nat.* vi.
 Daim fauve, F. Cuvier, *Hist. N.* vi. 167. f. 27, 28.
 Dama maculata, J. Brookes, *Cat. Mus.* 61, 1828.

Cervus coronatus, *H. Smith, G. A. K.* iv. t. f. 4. from monstrous horns.

Var. Blackish.

Cervus mauricus, *Blainv. Bull. Soc. Phil.* i. 1816. 72.

C. Dama maura, *Fischer, Syn. Mam.* 448.

Daima noire, *F. Cuv. Mam. Lithog.* t.

a. & b. 2 Pairs of Horns. Europe.

CERVUS CANADENSIS.

The Wapiti.

Stag, *Dale, Phil. Trans.* n. 444. 384.

Cerf de Canada, *Perr. Anim.* ii. 55. t. 45? (no rump disk); *Cuvier, R. A.* i. 256; *Oss. Foss.* iv. 26. t. 3. f. 13-22.

Cervus Canadensis, *Brisson, R. A.* 88; *Schreb. Säugth.* 990. t. 246; *Gray, List Mam. B. M.* 177; *Cat. Osteol. B. M.* 65; *Desm. Nouv. D. H. N.* v. 546; *Mam.* 433; *Ency. Méth.* t. 58. f. 2; *F. Cuv. Dict. Sc. Nat.* vii.; *Desmoul. Dict. Class. H. N.* iii. 377; *Fischer, Syn.* 442; *Gray, List of Mam. B. M.* 177. Part iii. 194; *Cat. of bones of Mam. B. M.* 257.

Elaphus Canadensis, *J. Brookes, Cat. Mus.* 62.

Cervus Elaphus var. *Canadensis*, *Erxl. Syst.* 305; *Gmelin, S. N.* i. 176.

Cervus Strongyloceros, *Schreb.* t. 247; *Rich. Faun. Bor. Amer.* 251; *Sundevall. Pecora*, 55.

C. Major, *Ord. in Desm. Mam.* 432.

Cervus Wapiti, *Leach, Journ. Phys.* lxxxv. 66; *Mitchell, Mam. N. York*; *Farton, Journ.* ii. *Supp.* 36; *F. Cuvier, Mam. Lithog.* t.; *Desmoul. Dict. Class. H. N.* iii. 377; *Blyth, J. Asiatic Soc. Beng.* x. 750. t. f. 1-6, horns.

American Elk, *Bewick, Quad.*

North-western Stag, *C. Occidentalis*, *H. Smith, G. A. K.* iv. 101. t. f. 2, horn; *Fischer, Syn. Mam.* 614, not Syn.

Wapiti, *Warden, Etats Unis*, v. 638; *Wied, Voy. Amer.*

Sept. iii. 302; *Knight, Mus. A. N.* f. 607, 611, 580.

Stag of Carolina, *Lawson, Carol.* 123.

Stag of America, *Catesby, Carol. App.* 28.

Alces Amer. corn. teretibus, *Jeffers. Notes, Virginia*, 57, 1788.

Var.? Smaller.

Red Deer (or Canadian Stag), *Warden, Etats Unis*, A. 637.

Elk, *Lewis & Clerk.*

Stag, *Penn. Act. Zool.* i. 27.

Wewaskiss, *Hearne, Journ.* 360.

a. Skull and horns. North America.

b. Pair of horns. North America.

TARANDUS, Gray.

TARANDUS RANGIFER.

The Reindeer.

Cervus Tarandus, *Linn. S. N.* i. 93; *Gmelin, S. N.* i. 177; *Amoen. Acad.* iv. 144. t. 1; *Erxl. Syst.* 305; *Retz. Fn. Suec.* i. 42; *Fab. Faun. Groenl.* 16; *Schreb. Säugth.* 1828, t. 248 A, B, C, D, E; *Desm. N. Dict. H. N.* ii. 521; *Mamm.* 431; *Ency. Méth.* t. 58. f. 3, 4; *F. Cuvier, Dict. Sc. Nat.* vii. 463. fig.; *Mam. Lithog.* t.; *Desmoul. Dict. Class. H. N.* iii. 375; *Fischer, Syn.* 443. 631; *Pallas, Zool. Ross. A.* i. 106; *Eversmann, Bull. Soc. Imp. Nat. Mosc.* 1840. 59; *Cuvier, Mam. Lithog.* t.; *Blennett, Gard. Z. S.* 241. fig.; *Richardson, F. Bor. Amer.* 238.

C. *Tarandus sylvestris* (Woodland Caribou), *Rich. F. B. A.* 250.

Tarandus rangifer, *Bonap. Index Mamm. Europ.* 35 1845. *Gray, List of Mam. B. M.* 181. Part iii. 189. and *Cat. of bones of Mam.* 255.

Cervus rangifer, *Raii Syn.* 88; *Klein, Quad.* 23. t.; *Brisson, R. A.* 92.

Capraa Groenlandica, *Raii Syn.* 90.

Cervus Groenlandicus, *Brisson, Reg. Anim.* 88.

Cervus platyrhynchus, *Vrolich, Rendier*, t. 2. 1828.

Cervus coronatus, *Geoff. MSS. in Schreb. Säugth.* 1135.

- Desm. Mamm.* 439; *Fischer, Syn.* 613; *H. Smith, Griffith, A. K.* v. 772; 95. t. f. 4.
Rangifer Tarandus, Gray, List of Mam. B. M. 181; *Cat. Osteol. B. M.* 69; *Sundevall, Pecora*, 54.
Cervus mirabilis, Jonston, Quad. t. 36.
Cervus palmatus, Jonston, Quad. t. 37.
Cervus cornibus rectis, &c., Caribou, Brisson, R. A. 91.
Tarandus, Plin. Hist. Nat. viii. c. 34; *Aldrov. Bisulc.* 859. fig. 861; *Scheff. Lapp.* 321. fig. p. 327.
Rangifer, Gesner, Quad. 950. fig.; *Hulden, Util. Rangifer, Jena*, 1694.
Renthier, Strals. Magaz. i. 394. t. 1; *Wildung, Taschenb.* f. 1805.
Renhirsch, Mellin, Schrift. Berlin Naturf. Fr. i. 1. t. 2; iv. 128. t. 5.
Rendier, Camp. Natursk. Verhand. 193. t. 1.
Tarandus borealis, Rüppell, Verz. Senck. Somml. 183, 1845.
Tarandus Rangifer, T. Spitzbergensis. T. Norvegicus, T. Groenlandicus, T. Sibiricus, T. nodosus. et T. Canadensis, J. Brookes; Mus. Cat. 61, 1828.
Rein Deer, Penn. Syn. 46: 36. t. 8. f. 1; *Quad.* i. 99. t. 10. f. 2; *Knight, M. A. N.* f. 587-590; *Shaw, Zool.* ii. 269. t. 176; *Brooke, Edinb. New Phil. Journ.* 1827. 30.
Baribou, Sagard. Theodat. Canad. 751; *Buffon, H. N.* xv. 50. t. 3.
Renne, Buffon, H. N. xii. 79. t. 10, 11, 12; *Supp.* iii. t. 18.
Renn Thier, Eversmann, Bull. de Moscou, 1840, 58.
Rhenne, Cuvier, R. A. i. 254; *Oss. Foss.* iv. 61. t. 4. f. 1-18. t. 5. f. 47.
Ren, Hollstein, K. Svensk. Vet. Handl. xxxv. 124.
Caribou or Carreboef French Canadians.
Oleen, Russians in Siberia.
Greenland Buck, Edwards, Birds, i. t. 51, young.
Hirsch, Martin, Spitzb. 72. t. O. F. 2, young.

- a. Adult female. Lapland.
 b. Skeleton. Norway.

FAM. ANTILOPIDÆ.

GAZELLA, *H. Smith.*

GAZELLA DORCAS.

The Gazelle.

- Antilope Dorcas, Pallas, Spic.* i. 11, xii. 15.
A. (vera) Dorcas, Licht. Berl. Mag. vi. 168; *Berlin Acad.* 1824, 231. t. 5; *Säugeth.* t. 5; *Schreb. Säugeth.* 1193. t. 269; *Gmelin, S. N.* i. 187. (*E. M.* t. 53. f. 2.)
A. Gazella Dorcas, Blainv. B. S. Phil. 1816, 75; *H. Smith, G. A. K.* v. 825; *Fischer, Syn.* 459. 628; *Desm. Mam.* 453.
Antilope Gazella, Pallas, Misc. 7.
Capra Dorcas, Linn. S. N. i. 96.
Gazella Dorcas, Ogilby, P. Z. S. 1836, 137; *Gray, List Mam. B. M.* 160; *Cat. Osteol. Spec.* 56; *Knowsley Menag.* ii. 4. t.; *Proc. Zool. Soc.* 1850, 112; *Cat. of Mam. B. M. P.* iii. 55.; *Cat. of bones of Mam.* 232. *Turner, P. Z. S.* 1849.
Algazel ex Africa, Hernand. Mex. 893. fig.
Gazella Africana, &c., Raii Syn. 80; *Brisson, R. A.* 69.
 a. Skeleton of female. Africa.

ANTIDORCAS, *Sundevall.*

ANTIDORCAS EUCHORE.

The Tsebe or Spring Boc.

- Antilope Euchore, Forster in Itin.; Sparrm. Act. Holm.* 1780, 275.
A. vera Euchore, Licht. Berl. Mag. vi. 169; *Säugeth.* t. 7; *Schreb. Säugeth.* 1189. t. 272; *Harris, W. Anim. Africa*, t. 3, a head; *Burchell, Trav.* i. 290, ii. 109.
A. Gazella Euchore, Blainv. B. S. Phil. 1816, 75; *Desm. Mam.* 455; *Desm. Dict. Class. H. N.* i. 441. t. f. 1; *Fischer, Syn.* 461. 629; *H. Smith, G. A. K.* v. 823.
Gazella Euchore, Gray, List Mam. B. M. 160; *Cat. Osteol. B. M.* 56; *Knowsley Menag.*; *Turner, P. Z. Soc.* 1849.

- Antilope Dorcas, *Gervais*, l. c. 261
 A. Dorcas var. *pygargus*, *Forster*, in *MSS.* 62.
 Antidoreas Euchore, *Gray*, *Proc. Zool. Soc.* 1850, 116.
Cat. of Mam. B. M. P. iii. 63. *Cat. of bones of Mam. B. M.* 233.
 Antilope Marsupialis, *Zimmerm. Geog. Gesch.* 111. 427;
Burchell, Trav. i. 290.
 Antilope pygarga, *Blumenb. Handb.* 119.
 Antilope dorsata, *Lacep. in Buff.*; *Burchell, Trav.* i. 290.
 Antilope saliens, *Lacep. in Buff.*; *Burchell, Trav.* i. 290.
 Antilope saltatrix, *Link, Beitr.* 99, from *Buffon*.
 Pronkbock, *Vosmaer, Besch.* 1784, t.
 Gazelle à bourse, &c., *Allam, Buffon Supp.* iv. 142.
 t. 60.
 Gazelle de parade, *Vosmaer*.
 Gazelle sautante, *Buffon, H. N. Supp.* vi. 183, t. 21.
 Springer Antelope, *Penn. Quad.* i. 94; *Shaw, Zool.* ii.
 344, t. 192.
 Springbock, *Licht. Reise*, i. 525, 564, 580.
 Tzebi, *Shaw, Reise*, 151.
 Gazelle, *Buffon, H. N.* xii. 201, t. 23, t. 31, f. 1. skull.
 Barbary Antelope, *Penn. Syn.* 33. fig.; *Quad.* i. 42;
Shaw, Zool. ii. 350.

- a. Head and horns of male. South Africa.
 b. Adult female. Africa.

CERVICAPRA, Gray.

CERVICAPRA BEZOARTICA.

The Indian Antelope.

- Antilope Cervicapra, *Pallas, Misc. Zool.* 9; *Spic.* i. 18.
 t. 1, 2. xii. 19; *Gmelin, S. N.* i. 192.
 A. Gazella Cervicapra, *Licht. Berl. Mag.* vi. 172; *Schreb. Säugeth.* 1214, t. 268, from *Pallas*.
 A. (vera) Cervicapra, *Blainv. B. S. Phil.* 1816, 75;
Desm. Mam. 451; *Fischer, Syn.* 457. 626; *F. Cuvier, Mam. Lith.* t.; *Gervais, l. c.* 260; *H. Smith, G. A. K.*

- 26; *Ann. & Mag. N. H.* 1847, 230; *Cat. of bones of Mam. B. M.* 234; *Turner, Proc. Zool. Soc.* 1849.
 Antilope bilineata, *Temm. Mus. Leyden* (young).
 Antilope bezoartica, *Gray, Cat. of Mam. B. M. P.* iii.
 66. t. 8. fig. 1-3.
 Damalis Cervicapra (Ledmee), *J. Brookes, Cat. Mus.*
 64, 1828.
 Capra Bezoartica, *Aldrov. Risulc.* 256.
 Gazella, *Jonston, Quad.* t. 29; *Brisson, R. A.* 68.
 Gazella Africana, *Raii Syn.* 79.
 Tragus Strepsiceros, *Klein, Quad.* 18.
 Gazelle, *Perr. Anim.* i. 93. t. 11.
 Lidmee, *Shaw, Trav.* 243?
 Antelope and Antelope des Indes, *Buffon, H. N.* xii.
 215, 217. t. 35. t. 36. f. 1, 2; *Suppl.* vi. 18, 19; *F. Cuvier, Mam. Lith.* t.
 Common Antelope, *Penn. Syn.* 32; *Quad.* i. 89. t. 15;
Shaw, Zool. ii. 336. t. 191.
 Bahmunnee Hurn, *Sykes*.

- a. Adult male. India.
 b. Adult male. India.
 c. Adult female. India.—From the Madras Government Central Museum.

CALOTRAGUS, Sundevall.

CALOTRAGUS MELANOTIS.

The Grys Boc.

- Antilope melanotis, *Thunb. Mem. Acad. Petersb.* iii.
 312, 1811; *Afzel. Nov. Act. Upsal.* vii. 257, 1815;
Goldf. Schreb. Säugeth. 1235; *Licht. Säugeth.* t. 12;
H. Smith, G. A. K. v. 840; *Desm. Mam.* 459; *Fischer, Syn.* 465. 632; *Harris, W. A. Anim.* t. 26.
 Tragelaphus melanotis, *Rüppell, Verz. Senck.* 181.
 1845.
 Antilope grisea, *Cuv. Dict. Sci. Nat.* xi. 244, 1816.
 A. Tragulus grisea, *H. Smith, G. A. K.* v. 840.
 A. Cervicapra grisea, *Blainv. B. S. Phil.* 1816, 75.

- v. 831; *Gray, Illust. Ind. Zool.* t.; *Hodgson, J. A. S. Beng.* x. 913; *Calcutta Journ. N. H.* iv. 290; *Proc. Zool. Soc.* 1834, 99.
- Capra Cervicapra*, *Linn., S. N.* i. 96.
- Strepsiceros Cervicapra*, *Rüppell, Verz. Senck.* 183, 1845.
- Cervicapra bezoartica*, *Gray, List of Mam. B. M.* 159; *Cat. Osteol. Spec. B. M.* 56; *Cat. Hodgson Coll. B. M.*
- Antilope (Gazella) Tragulus* var. *melanotis*, *Licht. Berl. Mag.* vi. 176.
- Cervicapra (Tragulus) grisea*, *Gervais.*
- Oreotragus melanotis*, *Turner, P. Z. S.* 1849.
- Antilope rubro-albescens*, *Desm. Dict. Class. H. N.* ii. 446.
- Oreotragus griseus*, *Gray, List of Mam. B. M.* 164.
- Calotragus melanotis*, *Gray, Ann. & Mag. N. H.* 1847, 217; *Proc. Zool. Soc.* 1850: *Knowsley Menag. Cat. of Mam. B. M. P.* III, 72; *Cat. of bones of Mam. B. M.* 235.
- Var. pallida.* Pale ashy white. Hairs some white, others lead-coloured with grey tips.
- Calotragus melanotis pallida*, *Gray, Knowsley Menag.* 7; *Proc. Zool. Soc.* 1850, 118.
- a. South Africa.

OREOTRAGUS, Gray.

OREOTRAGUS SALTATRIX.

The Kainsi or Klippspringer.

- Antilope Oreotragus*, *Forster, MSS.* 58; *Schreb. Säugth.* 1228. t. 259.
- A. (*Gazella*) *Oreotragus*, *Licht. Berl. Mag.* vi. 175; *Säugth.* t. 15; *Thunb. Mem. Acad. Petersb.* iii. 511; *Desm. Mam.* 460; *Fischer, Syn.* 466. 634.
- A. *Tragulus oreotragus*, *H. Smith, G. A. K.* v. 837.
- Oreotragus Saltatrix*, *Harris, W. Anim. Afr.* t. 24. f. 2. *Gray, Cat. of Mam. B. M. P.* iii. 74; *Cat. of bones of Mam. B. M.* 235.
- Cervicapra Tragulus oreotragus*, *Gervais.*

- A. (*Cervicapra*) *oreotragus*, *Desm. Mam.* 460.
- Antilope Saltatrix*, *Bodd. Elench.* 141; *O. des Mur. & F. Prévost, Voy. en Abyssinie*, vi. 33. t. 4.
- Tragelaphus oreotragus*, *Rüppell, Verz. Senck. Samml.* 181, 1845.
- Gazelle, Le Vaillant, Deuz. Voy. d'Afrique*, i. 162.
- Klippspringer*, *Buff. H. N. Supp.* vi. 183. t. 29. cop. E. M. t. 54. f. 3; *Penn. Quad.* i. 80; *Shaw, Zool.* ii. 321.
- Kainsi, *Hottentots.*
- Sessa in Amareen.
- Sessah in Tigren.

a. Male. South Africa.

CEPHALOPHUS, H. Smith.

CEPHALOPHUS PYGMEA.

The Noumetzi or Cape Guevei.

- Antilope monticola*, *Thunb. Mem. Acad. Petersb.* iii. 315, 1811; *Stockh. N. H.* xxii. t. 5, 1811
- Antilope Cephalophus caerulea*, *H. Smith, G. A. K.* v. 853; *Fischer, Syn.* 637; *Harris, Wild Anim. Afr.* t. 26.
- Blaumbokje*, *Dutch at Cape of Good Hope*; *Daniel, Scenery S. Africa*, t.
- Antilope (Cephalophus) perpusilla*, *H. Smith, G. A. K.* v. 854; *Fischer, Syn.* 637.
- Cephalophorus caeruleus*, *Gray, List of Mam. B. M.* 163. *Cat. of Mam. B. M. P.* III. 87. *Cat. of bones of Mam. B. M.* 237.
- Capra pygmaea*, *Linn. S. N.* ed. 10.
- Antilope pygmaea*, *Schreb. Säugth.* 1237. t. 260 B.
- A. *Gazella pygmaea*, part., *Licht. Berl. Mag.* vi. 178; *Säugth.* t. 16, not *Pallas*; *Desm. Mam.* 465; *Fischer, Syn.* 469. 638.
- A. *Cephalophus pygmaea*, *H. Smith, G. A. K.* v. 856.
- A. *Cervicapra pygmaea*, *Blainv. B. S. Phil.* 1816, 75.

- Tragulus pygmeus*, *Ogilby, Proc. Zool. Soc.* 1836, 138.
Sylvicapra pygmea, *Sundeval, Pecora*, 66. 122.
 ?*Antilope minuta*, *Forster, MSS.*
Cephalophus monticolus, *Gray, List Skelet. B. M.* 57.
Tragelaphus pygmeus, *Rüppell, Verz. Senck.* 181.
Cervus juvenis perpusillus, *Seba Thes. i.* 70. t. 43. f. 5.

a. Skull. South Africa.

CEPHALOPHUS MAXWELLII.

The Guevei.

- Antilope (Cephalophus) Maxwellii*, *H. Smith, G. A. K.* v. 852; *Fischer, Syn.* 637.
Cervicapra Cephalophus Maxwellii, *Gervais.*
Cephalophus Maxwellii, *Gray, Ann. & Mag. N. H.* 1846, 166; *Knowsley Menag.* 11; *Cat. of bones of Mam. B. M.* 237; *Cat. of Mam. B. M. P. iii.* 86.
Antilope pygmea, *Pallas, Spic. Zool.* xii. 18?
Cephalophorus caeruleus, part., *Gray, List of Mam. B. M.* 163.
Guevei, *Buffon, H. N.*
Guevei (Antilope pygmea), *F. Cuvier, Mam. Lithog. t.* good.
La Grimme (separate head), *F. Cuvier, Mam. Lithog. t.*
Antilope Frederici, *Laur.*
Sylvicapra Frederici, *Sundeval, Pecora*, 66. 133.
A. monticola var., *Thunb. Stockh. N. H.* xxxii.
Antilope Philantomba, *Ogilby, Pro. Zool. Soc.* 1836, 121; 1839, 27.
Chevrotain du Senegal, *Buffon, H. N.* xii. 315. t. 43. f. 2, horns.
Petite bisches, *Adans. Seneg.* 114.
Royal Antelope, *Penn. Syn.* 28; *Quad.* i. 82.
Pygmy Antelope, *Shaw, Zool.* ii. 326. t. 188.
Guevei, *Guinea.*

a. Female. West Africa.—From the Leyden Museum.

CEPHALOPHUS PLUTO.

- CEPHALOTUS PLUTO*, *Temm. Mus. Leyden.*
 a. Adult male. West Africa.
 b. Adult female. West Africa.

PELEA, Gray.

PELEA CAPREOLA.

The Rehbock or Peele.

- Antilope (Gazella) Capreolis*, *Licht. Berl. Mag.* vi. 147, 1814; *Säugeth.* t. 8; *Thunb. Afzel. Nov. Act. Upsal.* vii. 257, 1816; *Schreb. Säugeth.* 1230; *Thunb. Mem. Petersb.* iii. 312; *Harris, W. A. Africa*, t. 28. f. 1; *Desm. Mam.* 461; *Fischer, Syn.* 467.
Eleotragus (Pelea) Capreolus, *Gray, Ann. & Mag. N. H.* 1846, 232; *Knowsley Menag.* t. 12; *Proc. Zool. Soc.* 1849, 126.
Antilope lanata, *Desmoul. Dict. Class. H. N.* i. 445. t.
Antilope villosa, *Burchell, Travels*, ii. 302, 1822.
A. redunda villosa, *H. Smith, G. A. K.* v. 835.
Rehbock, Dutch; *Sparrm. Reise*, 517.
Eleotragus villosus, *Gray, List Mam. B. M.* 165.
Eleotragus Capreolus, *Gray, List Osteol. B. M.* 57; *Cat. of Mam. B. M. P. iii.* 91; *Cat. of bones of Mam. B. M.* 238.
Tragelaphus Capreolus, *Rüppell, Verz. Senck.* 181.
 a. Adult. South Africa.

ELEOTRAGUS, Gray.

ELEOTRAGUS ARUNDINACEA.

The Inghalla or Rietbock.

- Antilope arundinacea*, *Shaw, Zool.* ii. 347. t. 193, lower fig.; *Bechst.*
Antilope Eleotragus, *Schreb. Säugeth.* 1225. t. 266.
A. gazella Eleotragus, *Licht. Berl. Mag.* vi. 173; *Saugth.* t. 9; *Thunb. Mem. Petersb.* iii. 314; *Desm. Mam.* 459; *Fischer, Syn.* 465. 633.

- A. redunca* Eleotragus, *H. Smith, G. A. K.* v. 832; *Harris, W. A. Africa*, t. 26.
A. Cervicapra Eleotragus, *Blainv. B. S. Phil.* 1816, 75.
Eleotragus arundinacea, *Gray, List Osteol. Spec. B. M.* 57.
Antilope redunca, *H. Smith, G. A. K.* v. 833.
Eleotragus reduncus, *Gray, List Mam. B. M.* 165.
Eleotragus arundinaceus, *Gray, Ann. & Mag. N. H.* 1846, 232; *Knowsley, Menag.* 12; *P. Zool. Soc.* 1849, 127; *Cat. of Mam. B. M. P. iii.* 92; *Cat. of bones of Mam. B. M.* 238; *Turner, P. Z. S.* 1848.
Antilope cinerea, *Afzelius, Nov. Act. Upsal.* vii. 244, 1815.
Ritbock, *Allam. Buff. H. N. Supp.* v. 34. t. 13, 14; vi. t. 31, 32; *Penn. Quad.* i. 81.
Redunca Eleotragus, *Rüppell, Verz. Senck.* 182, 1845.
Cinereous Antelope, *Penn. Syn.* 86.
Antilope Lalandia, *Desmoul. Dict. Class. H. N.* i. 445.
Antilope Lalandiana, *Desmar. Mam.* 462.
Antilope Lalandii, *Fischer, Syn.* 467.
a. Skull of half-grown female. South Africa.

ADENOTA, *Gray.*

ADENOTA KOB.

The Æquitoon.

- Antilope Kob*, *Erxl. Syst.* 293, from *Buffon*; *Desm. Mam.* 457; *Fischer, Syn.* 463; *Ogilby, P. Z. S.* 1836.
A. Gazella Kob, *Blainv. Bull. S. Phil.* 1816, 75.
A. Antilope adenota, *H. Smith, G. A. K.* iv. 224. t. 184, t. 183. f. 3, 4, horns? v. 828; *Fischer, Syn.* 62'.
Antilope defassa jun., *Rüppell.*
Kob, *Buffon, H. N.* xii. 210. 267. t. 32. f. 1, skull.
Gambian Antelope, *Penn. Syn.* 39; *Shaw, Zool.* ii. 338, from *Buffon*.
Kobus Adansonii, *A. Smith, S. African Quart. Journ.* from *Buffon*.
Antilope annulipes, *Gray, Ann. & Mag. Nat. Hist.* 1843, x. 267.

- Antelope Kob*, *Ogilby, Proc. Zool. Soc.* 1836, 103.
Adenota Kob, *Gray, Knowsley Menag.* 14. t. 14, 15. *Proc. Zool. Soc.* 1849, 129; *Cat. of Mam. B. M. P. iii.* 96; *Cat. of bones of Mam. B. M.* 238.
Petit Vache brune, *Adanson, MSS.*
Kob, Mandingoes.
Æquitoon, *Loliff's.*

- a. Frontal bone and horns.* South Africa.—Presented by Mr. W. J. Stephens M.A.

KOBUS, *H. Smith.*

KOBUS ELLIPSIPRYMNUS.

The Photomok or Water Buck.

- Antilope ellipsiprymna*, *Ogilby, P. Z. S.* 1833. 47; *Harris, W. Anim. Africa*, t. 14.
Kobus ellipsiprymnos, *A. Smith, Illust. Zool. S. A. t.* 28, 29.
Kobus ellipsiprymnus, *Gray, List Mam. B. M.* 159.
Kobus ellipsiprymnus, *Gray, Ann. & Mag. N. H.* 1846, 232; *Knowsley Menag.* 15; *Proc. Zool. Soc.* 1849, 130; *Cat. of Mam. B. M. P. iii.* 99; *Cat. of bones of Mam. B. M.* 239.
A. Ægocerus ellipsiprymnus, *Lesson, Nov. Tab. R. A.* 179.
Antilope Kemas?, *H. Smith, Griffith A. K.* iv. t. 181. f. 6, horns.
a. Horns of Adult male. South Africa.—Presented by Mr. W. J. Stephens M.A.

ÆGOCERUS, *H. Smith.*

ÆGOCERUS LEUCOPHÆUS.

The Etaac or Blaubboc.

- Capra cærulea*, *Kolbe, Cap.* i. 141.
Antilope Leucophea, *Pallas, Misc.* 4; *Spic. Z.* i. 6, xii. 1; *Erxl. Syst.* 271; *Gmelin, S. N.* i. 182; *Schreb. Säugeth.* i. 183. t. 278.

- A. Bubalides Leucophea, *Licht. Berl. Mag.* vi. 159; *Thunb. Act. Petersb.* iii. 314.
 A. Orix Leucophea, *Blainv. B. S. Phil.* 1816, 75; *Desm. Mam.* 475.
 A. *Ægocerus* Leucophæa, *H. Smith, G. A. K.* v. 510; *Fischer, Syn.* 480, 646.
Ægocerus leucophæus, *Gray, List Mam. B. M.* 158; *Cat. Osteol. Spec. B. M.* 58; *Cat. of Mam. B. M. P.* iii. 102; *Cat. of bones of Mam. B. M.* 239; *Turner, P. Z. S.* 1848.
 Antilope Equina, *Geoff. Cat. Mus. Par. in Cuvier R. A.* i. 263; *Dict. Sci. Nat.* ii. 446. t. f.
 B. Oryx Equina, *Blainv. B. S. Phil.* 1816. 75; *Desm. Mam.* 476; *Desmoulin, Dict. Class. H. N.* vi. 446. t., head; *Fischer, Syn.* 480, 645.
 A. *Ægocerus* Equina, *H. Smith, G. A. K.* iv. 177; t., v. 811.
Aigocerus Equina, *Gray, Knowsley Menag.* 16.
 Antilope aurita, *Burchell, MSS.*, fide *H. Smith.*
 Antilope Osanne, *I. Geoff. Dict. Sci. Nat.* t.
 Antilope glauca, *Forster, MSS.*
 Oryx Leucophea, *Ogilby, P. Z. S.* 1836, 137.
 Blau bock, *Licht. Reise*, ii. 121.
 Blaue bocke, *Kolbe, Vorgeb.* 141.
 Blue Antelope, *Penn. Syn.* 24. fig. head, 29; *Shaw, Zool.* ii. 355. t. 193.
 Tzeiran, *Buff. H. N.* xiii. 271. t. 31. f. 6, horn; *Supp.* vi. 168. t. 20.
 Blauw Bock, *Dutch at Cape.*
 Antilope Truteri, *Fischer, Syn.* 478, 644.
 Antilope (*Ægocerus*) barbata, *H. Smith, Griffith A. K.* v. 813.
Capra *Æthiopica*, *Schinz; Cuvier, Thier.* i. 403.
 Bouquetin à crinière d'Afrique, *Cuvier, R. A.* i. 266.
 Tākhitse, *Truter & Sömm. Geog. Ephem.* 1807, 274.
 Takhaize, *Daniel, Afric. Scenery*, xxiv. t.
 ?Bastard Eland, *Licht. Reise*, ii. 462.
 a. Horns of Adult. South Africa.—Presented by Mr. W. J. Stephens, M.A.

ORYX, *H. Smith.*

ORYX LEUCORYX.

The Oryx.

- Antilope Leucoryx, *Pallas, Spic.* i. 14; xii. 17. t. 3. f. 1. 61.
 A. Bubalides leucoryx, *Licht. Berl. Mag.* vi. 156. *Acad. Abh.* 1824, 200. t. 1; *Säugeth.* t. 1; *Gmelin, S. N. i.* 190; *Schreber, Säugeth.* 1180. t. 256; *Ehrenberg, Sym. Phys.* t. 3.
 O. (Oryx) leucoryx, *Blainv. B. S. Phil.* 1816. 75; *Desm. Mam.* 474.
 A. Oryx leucoryx, *H. Smith, G. A. K.* v. 815; *Fischer, Syn.* 479. 645.
 Antilope Algazella, *Rüppell; F. Cuvier, Mam. Lith.* t.
 Antilope ensicornis, *Ehrenb.*
 Oryx leucoryx, *Ogilby, P. Z. S.* 1836, 139.
 Gazella recticornis, *Pallas, Nov. Com. Petrop.* xiii. 468. t. 10. f. 5.
 Oryx, *Plin. Hist. Nat.* ii. 40, viii. 55; *Oppian. Cynege.* iii. ver. 445; *Gesner, Quad.* i. 870; *Descrip. Egypt.* v. t. 18. f. 9. 10; *Bull. Soc. Philom.* 1816, 80; *Oriental Misc.* i. 127.
 Oryx Leucoryx, *Ogilby, P. Z. Soc.* 1836, 139; *Gray, List Mam. B. M.* 156; *Cat. of Mam. B. M. Part III.* 107; *Cat. of bones of Mam.* 240; *Cat. Osteol. Sp. B. M.* 56; *Ann. & Mag. N. H.* 1846, 232; *Knowsley Menag.* 17. t. 16. f. 1. t. 17; *Proc. Zool. Soc.* 1849, 134; *Turner, P. Z. S.* 1848.
 Antilope Eleotragus, *Schreb. t.*
 Milk-white Antelope, *Penn. Syn.* 25; *Quad.* i. 76. t. 12.
 White Antelope, *Shaw, Zool.* ii. 315. t. 184.
 El Walrugh el Bukras, *Persians.*
 Abu-hard, Jachmur and Yazmur, *Arabs.*
 Antilope Gazella, *Pallas, Spic. Z.* xii. 17; *Gmelin, S. N. i.* 190; *Schreb. Säugeth.* 1182. t. 257 A. f. 2, horn; *Fischer, Syn.* 479, 645.
 A. Oryx Gazella, *Blainv. Bull. S. Phil.* 1816, 75.
 ?Antilope bezoardica, *Erxl. Syst.* 274?
 A. Bubalides bezoartica, *Licht. Berl. Mag.* vi. 158.

- A. (*Oryx*) bezoartica, *H. Smith, G. A. K.* v. 817.
Capra Gazella, Linn. S. N. i. 97?
Gazella Indica, Brisson, Reg. A. 67.
Gazella, Alpin, Egypt. 232. t. 14. f. 1.
Capra s. Hircus bezoartica, Aldrov. Bisulc. 755 fig.
Algazel, Buffon, H. N. xii. 211. t. 33. f. 1, 2; *Penn. Quad.* i. 77; *Shaw, Zool.* ii. 216; *F. Cuvier, Mam. Lithog.* t.

α. Horns of Adult. South Africa.—Presented by Mr. W. J. Stephens M.A.

RUPICAPRA, *Fleming.*

RUPICAPRA TRAGUS.

The Chamoise or Gems.

- Antelope Rupicapra, Pallas, Misc.* 4; *Spie.* i. 7, xii. 12; *Gmelin, S. N.* i. 182.
A. (vera) rupicapra, *Licht. Berl. Mag.* vi. 171; *Schreb. Säugeth.* 1200. t. 279; *Burchell, Trav.* ii. 23; *Desm. Mam.* 477.
A. *Rupicapra Rupicapra, Blainv. B. S. Phil.* 1816, 76.
A. (*Rupicapra*) *Rupicapra, H. Smith, G. A. K.* iv. 281 t., v. 863; *Cuvier, Dict. Sci. Nat.* ii. 249 t.; *Rég. Anim.* i. 264; *Fischer, Syn.* 481, 646.
A. *Rupicapra Persica, H. Smith, G. A. K.* v. 863.
Rupicapra pyrenaica, H. Smith, G. A. K. v. 863; *Bonap. Fauna Ital.*
Rupicapra Europæa, Rüppell, Verz. Senck. Samml. 183, 1845.
Rupicapra (hæmulicornis), J. Brookes, Cat. Mus. 64, 1828.
Capra Rupicapra, Linn. S. N. i. 95.
Rupicapra tragus, Gray, List Mam. B. M. 167; *Cat. Osteol. B. M.* 57; *Ann. & Mag. N. H.* 1846, 232; *Proc. Zool. Soc.* 1849; *Cat. of Mam. B. M. P.* iii. 115; *Cat. of bones of Mam. B. M.* 242.
Rupicapra, Plinii H. N. viii. 53; *Gesner, Quad.* 321. fig. 329.
Rupicapra Tragus, Turner, P. Z. S. 1850.

- Rupicapra capella, Bonap. Fauna Ital.* *Capella rupicapra, K. & B. Wirb. Europ.* 28. *Blasius, Wirbelth.* 488, fig. 267.
Chamois, Perrault, Anim. i. 201. t. 29; *Buffon, H. N.* xii. 136, 177. t. 16; *Penn. Syn.* 17; *Quad.* i. 72; *Shaw, Zool.* ii. 361. t. 187.
Gems, Riding Jagdb. Th. t. 12; *Kleine, Th.* t. 72; *Wilde Thiere.* t. 25; *Meyer, Thier.* i. t. 66; *Leuvenwald. Demeograph.* 1793; *Allisser, v. Salins Marschlin Hopfn. Mag.* i. 111.

- a. Adult female? Alps.
b. Skull of male }
c. Skull of female } Switzerland.—Presented by Mr. Gerard Krefft.
d. Adult male. Bavaria.
e. Young. Alps.

ANTILOCAPRA, *Gray.*

ANTILOCAPRA AMERICANA.

The Cabrit or Prong-horn.

- Antelope (Dicranocerus) furcifer, H. Smith, Linn. Trans.* xiii. 28. t. 2; *Griffith, A. K.* iv. 170 t., 352 t., v. 808.
A. *rupicapra furcifer, Desm. Mam.* 479; *Fischer, Syn.* 481, 646.
Antilocapra furcifer, Richardson, Fauna Bor. Amer. t. 21; *Gray, List Mam. B. M.* 170.
Cervus bifurcatus, Rafinesque.
Antelope (Dicranocerus) palmata, H. Smith, Linn. Trans. xiii. 31. t. 3, horns; *Griffith A. K.* iv. 352 t., v. 809; *Desm. Mam.* 479; *Fischer, Syn.* 481, 647; *Coulter, P. Z. S.* 1826, 121.
Antilocapra furcifer, J. Brookes, Cat. Mus. 64, 1828.
Antilocapra americana, Gray, Cat. Osteol. B. M. 58; *Cat. of Mam. B. M. P.* iii. 117; *Ann. & Mag. N. H.* 1846, 232; *Knowsley, Menag.* 19; *Proc. Zool. Soc.* 1849, 137.
Cervus hamatus, Blainv. Bull. Soc. Philom. 1816, 73.

Antilocapra Americana, Ord. & Blainv. *Bull. Soc. Philom.* 1818, 146; *Journ. Phys.* LXXXVIII. 314.
Mazama furcifer, Ogilby, P. Z. S. 1836, 137.
 Prong-horned Antelope, Lewis & Clark, *Travels*.
 Springbock, *Anglo-Americans*.
 Cabrit, *Canadian Hunters*.
 Kistu-he, *N. Amer. Indians*.

a. Frontal bone and horns. Rocky Mountains.

ALCELAPHUS, Blainv.

ALCELAPHUS caama.

The Lecama or Harte beast.

Antelope Caama, *Cuvier, Dict. Sci. Nat.* ii. 242, 1816.
 A. (*Alcelaphus*) Caama, *Blainv. B. S. Phil.* 1816, 75;
Desm. Mam. 467; *Fischer, Syn.* 474, 841; *Burchell, Trav.* i. 420.
 Antelope (*Bubalides*) *Bubalis* (part.), *Licht. Berl. Mag.* vi. 163; *Schreb. t.* 277.
Acronotus Caama, *Gray, List Mam. B. M.* 157; *Cat. Osteol. B. M.* 58; *Cat. of Mam. B. M. P.* iii. 124;
Cat. of bones of Mam. B. M. 243.
Boselaphus Caama, *Gray, Ann. & Mag. N. H.* 1847, 233; *Knowsley Menag.* 20. t. 20. f. 2, young; P. Z. Soc. 1849, 140.
 Antelope Dorcas, *Thumb. Mém. Acad. Pétersb.* iii. 316.
Damalis acronotus Caama, *H. Smith, G. A. K.* iv. 338. t. 197, v. 877.
Bubale, *Buffon, H. N.* xii. t. 38. f. 2; *Suppl.* vi. 135. t. 15.
 Harte beesten eller Dorcas, *Sparrm. in K. V. Handl.* 1779, 151. t. 5, bad.
 Caama, *Cuvier, Menag. Mus. t.*; *Rég. Anim.* i. 261; *Pallas, Misc.* 7; *Spicil.* i. 12 (not syn.).
 Antelope *Senegalensis*, *Cuvier, Dict. Sci. Nat.*, from *Pennant*.
 Antelope Koba, *Erzleb. Syn.* 293, from *Pennant*.
 ?Senegal Antelope, *Penn. Quad.* i. 103. t. 50. vig. 40, head.

Harte beast, *Dutch at Cape*.
 Kaama, *Hottentots*.
 Licama, *Caffers*.

a. Horns of Adult male. South Africa.—Presented by Mr. W. J. Stephens M.A.

STREPSICEROS, Gray.

STREPSICEROS KUDU.

The Echlongole or Koodoo.

Antelope *Strepsiceros*, *Pallas, Misc.* 9; *Spic.* i. 17, xii. 19; *Gmelin, S. N.* i. 192.
 A. (gazella) *Strepsiceros*, *Licht. Berl. Mag.* vi. 172; *Schreb. Säugeth.* 1207. t. 267; *Burchell, Trav.* i. 267. 337, 374.
 A. (*Tragelaphus*) *Strepsiceros*, *Blainv. B. S. Phil.* 1816, 75; *Desm. Mam.* 468; *Fischer, Syn.* 472. 640.
Strepsiceros Capensis or Koodoo, *Harris, W. A. Africa*, t. 20, and head.
Damalis (*Strepsiceros*) *Strepsiceros*, *H. Smith, G. A. K.* v. 883.
Calliope *Strepsiceros*, *Ogilby, P. Z. Soc.* 1836, 138.
Strepsiceros excelsus, *Sundevall, Pecora*, 71.
Bos *Strepsiceros*, *Aldrov. Bisulc.* 368. fig. 369.
Capra *Strepsiceros*, *Jonst. Quad.* t. 24; *Houtt. Nat. Hist.* iii. t. 26. f. 1, 2.
Strepsiceros kudu, *Gray, Cat. Mam. B. M.* 155; *Osteol. B. M.* 59; *Cat. of Mam. B. M. P.* iii. 133; *Cat. of bones of Mam. B. M.* 245.
Condoma, *Buffon, H. N.* xii. 301. t. 39. f. 1, 2 (cop. E. M. t. 56. f. 2); *Suppl.* vi. t. 13.
Coudu, *Vosmaer, Besch.* 1783, t.
Cerf du Cap de Bonne Esperance, *Colini, Comm. Palat.* i. 487. t.
 Afrikanischer Kutu, *Knorr, Délic.* iii, t. K.
 Striped Antelope, *Penn. Syn.* 31. *Quad.* i. 88. t. 14; *Shaw, Zool.* ii. 324. t. 185; *Daniel, African Scenery*, t. *Knorr, Délices*, i, t. K. 1. f. 1, t. K. v. f. 1, t. K. xi.
 a. Frontal bones and horns of Adult male. South Africa.—Presented by Mr. W. J. Stephens, M.A.

OREAS, *Desm.*

OREAS CANNA.

The Impoofa or Eland.

- Antelope oreas, *Pallas, Spic. Z.* xii. 17; *Gmelin, S. N.* i. 190.
 A. Bubalides oreas, *Licht, Berl. Mag.* vi. 153; *Schreb. Säugeth.* 1153. t. 256.
 A. Oreas oreas, *Desm. Mam.* 471; *Burchell, Trav.* i. 248.
 A. Boselaphus oreas, *Blainv. B. S. P.* 1816, 75; *Fischer, Syn.* 477. 644.
 Boselaphus Oreas, *Gray, Cat. Mam. B. M.* 155; *Cat. Osteol. B. M.* 59; *Ann. & Mag. N. H.* 1846.
 Boselaphus Canna, *Gray, Cat. Mam. B. M.* 155, female.
 Antelope Oryx, *Pallas, Mis. Z.* 9; *Spic. Z.* i. 15; *Pors- ter, MSS.* 55; *Ersleb. Mam.*
 Damalis Boselaphus Canna, *H. Smith, G. A. K.* iv. 198. t. 181. f. 5, horn of female; v. 882.
 Antelope Canna, *Fischer, Syn.* 644:
 Oreas Canna, *Gray, List of Mam. B. M. P.* iii. 134;
Cat. of bones of Mam. B. M. 244.
 Afrikanisches Elendthier, *Kolbe, Vorgeb. Hoffn.* i. 145. t. 3. f. 1.
 Coudo, *Buffon, H. N.* xii. 357. t. 46 b, horn.
 Canna, *Buffon, Suppl.* vi. t. 12 adult male; *Cuv. R. A.* i. 263.
 Eland, *Sparrm. Kongl. V. Handl.* 1779, 155. t. 5; *Harris, W. A. A.* t. 6 and head; *Vosmaer Besch.* 1785, t.
 Cape Elk, var., *Daniel, African Scenery.* t.
 Indian Antelope, *Penn. Syn.* 26; *Quad.* i. 78; *Shaw, Zool.* ii. 319. t. 183; *Barrow, Travels; Licht. Reise,* i. 155, ii. 39. 462; *Burchell, Travels.*
 Elandt, *Dutch at Cape G. H.*
 Canna t'Gann or Y'gann, *Hottentots.*
 Impophos or Poffo, *Caffers.*
 Empophos, *Zimmerm. Geog. Zool.* ii. 109; *Lobo, Abyss,* i. 293.

Bastard Eland, *Dutch at Cape G. H.*

a. Horns of Adult male. South Africa.—Presented by Mr. W. J. Stephens, M.A.

FAM. CAPREÆ.

CAPRA, *Linn.*

CAPRA IDEX.

The Ibex or Steinbock.

- Capra Ibex (part.), *Linn. S. N.* 95; *Gmelin, S. N.* i. 196; *Meyer, Zool. Ann.* i. 397; *Desm. Mam.* 480; *Fischer, Syn.* 483, 647; *H. Smith, G. A. K.* iv. 300. t. v. 868; *Griffith, A. K.* v. t.; *Gray, Cat. Mam. B. M.* 167; *Cat. of Mam. B. M. P.* iii. 149; *Cat. of bones of Mam. B. M.* 248; *Schinz, Nov. Mem. Soc. Helv.* ii. t. 2, horns, 1838; *Blasius, Wirbelthiere,* 475. fig. 253 (horns).
 Capra alpina, *Girtanner, Journ. Phys.* xxvii. 224.
 Ibex alpinus, *Gray, List Osteol. B. M.* 59.
 Ibex, *Plin. Hist. Nat.* viii. 53; *Gesner, Quad.* 351, fig.; *Brisson, R. A.* 64; *Shaw, Mus. Lever.* iii. 105. t. 2; *Zool.* ii. 364. t. 198; *Knight, Mus. Anim. Nat.* f. 667, 668, 669, bad.
 Wild Goat, *Penn. Syn.* 13.
 Bouquetin, *Buffon, H. N.* xii. t. 13, 14; *Cuvier, R. A.* i. 266; *Mam. Lithog.* t.
 Knorr, *Delic.* ii. t. K. 5. f. 2.
 Capricornis, *Gesner, Quad.* 1099. fig.
 a. Pair of horns. Switzerland.—Presented by Sir Charles Nicholson Bart.
 CAPRA HIRCUS.
 The Goat.
 Capra Hircus, *Linn. Faun. Suec.* 15; *S. N.* i. 94; *Gray, List Mam. B. M.* 168; *List Osteol. Spec. B. M.* 60; *List Hodgson Coll. B. M.* 28; *Sundevall, Pecora,* 96; *Fischer, Syn.* 484. 648; *Blasius, Wirbelthiere,* 484.
 Capra caucasica, *H. Smith in G. A. K.*; *Gray, List Mam. B. M.* 168.

- Ægoceros Capra*, Pallas, *Zool. Ross. Asiat.*; Wagner, *Supp.*
Capra Ægagrus, Gmelin, *S. N.* i. 193; Meyer, *Zool. Ann.* i. 396; Schreb. *Säugeth.* t. 282; Cuvier, *Menag. Mus. R. A.* i. 267; Desm. *Mam.* 483; Fischer, *Syn.* 484. 646; F. Cuvier, *Mam. Lithog.* t.; Sundevall, *Pecora*, 97.
Ægagrus, Pallas, *Spic. Zool.* xi. 45. t. 5. f. 2, 3.
 Ziege, S. G. Gmelin, *Reise*, iii. 493.
Capra Hircus vulgaris, Schreb. t. 283.
C. Ægagrus Hircus, Gmelin, *S. N.* i. 193; Desm. *Mam.* 483.
C. Capricornus, Meyer, *Zool. Ann.* 39.
Tragus Ægagrus, Schrank, *Fauna Boic.* i. 45.
Capra, Plinii, *H. N.* vi. 50; Gesner, *Quad.* 270. fig.; Hodgson, *J. Asiat. Beng.* xvi. 1847, 1017.
Hircus, Gesner, *Quad.* 301. fig.
Hircus vel Capra domestica, Brisson, *R. A.* 62.
Hircus Ægagrus, Gray, *Cat. of Mam. B. M. P.* iii. 153; *Cat. of bones of Mam. B. M.* 249.
Tragus domesticus, Klein, *Quad.* 15.
 Pasen, Kämpf, *Amæn. Evot.* 398. fig. at p. 407. n. 2.
Capra bezoartica, Linn. *S. N.* i. 96, part. from Kämpfer.
Gazella bezoartica, Brisson, *R. A.* 69, part. from Kämpfer.
 Goat, Penn. *Brit. Zool.* 13.
 Domestic Goat, Penn. *Syn.* 14.
 Common Goat, Shaw, *Zool.* ii. 369. t. 199.
 Capricorne Goat, Penn. *Syn.* 16; Shaw, *Zool.* ii. 377.
 Bouc et Chèvre, Buffon, *H. N.* v. 59. t. 8, 9.
 Capricorne, Buffon, *H. N.* xii. 146. t. 15, skeleton.

a. Skeleton. England.

FAM. OVEÆ.

OVIS, Linn.

OVIS ARIES.

The Sheep.

Ægoceros Aries, Pallas; Wagner.*Ovis Aries*, Linn. *S. N.* i. 97; Gmelin, *S. N.* i. 197;

- Erwl.* 242; Desm. *Mam.* 488; Gray, *List Mam. B. M.* 169; *List Osteol. B. M.* 61; *Cat. of Mam. B. M. P.* iii. 161; *Cat. of bones of Mam. B. M.* 253; Blasius, *Wirbelthiere*, 467, fig. 240.
Ovis domestica, Brisson, *Rég. Anim.* 74.
Capra Ovis, Blumenb. *Naturg.* x. 116.
Capra Aries, Fischer, *Syn.* 489. 649.
Musmon Aries, Schrank, *Faun. Boic.* i. 46.
Pecus, Aries, Ovis, Plin. *H. N.* viii. 47, 48.
Ovis Aries, &c., Gesner, *Quad.* 872. f. 873, 925, 926; Jonst. *Quad.* 54. t. 22; Linn. *Amæn. Acad.* iv. 169.
 Sheep, Penn. *B. Z.* 10; Youatt, *Sheep, their breeds, &c.*; Low, *Dom. Anim. Brit. Islands.*
 Ram, Penn. *Syn.* 10.
 Belier et Brebis, Buffon, *H. N.* v. 1. t. 1, 2; Schäf. Meyer *Thiere*, i. t. 51; Walther, *Wetterau Ann.* i. 283.
 a. Skeleton of Negretti Ram. Dünow, Germany.—Presented by Mr. R. Kummerer.
 b. Skull of four horned Variety. India.

Bos TAURUS.

The Common Ox.

- Bos Taurus*, Plin. *Hist. Nat.* viii. c. 45, 46; Gesner, *Quad.* 24-103, fig.; Aldrov. *Bisulc.* 13. fig. p. 36; Jonston, *Quad.* t. 15.
Taurus castratus, Jonston, *Quad.* t. 15.
 Vacca, Gesner, *Quad.* 25. fig.
 Vitutus, Jonston, *Quad.* t. 15.
Bos domesticus, Jonston, *Quad.* 36. t. 14; Linn. *Mus. Adolph. Frid.* i. 12; Brisson, *Rég. An.* 78.
Bos Taurus, Linn. *Fn. Suec.* 15; *Syst. Nat.* i. 98; Gmelin, *S. N.* i. 202; Cuvier in *Dict. Sci. Nat.* v. 19; Desm. *Nov. Dict. H. N.* iii. 536; *Mamm.* 499; Desmoul. *Dict. Class. H. N.* ii. 370; Fischer, *Syn. Mam.* 499; Gray, *List Mam. B. M.* 151; *List Osteol. sp. B. M.* 53; *List of Mr. Hodgson's Collection*, 24; *Cat. of Mam. B. M. P.* iii. 17; *Cat. of bones of Mam. B. M.* 225.

Bos (Taurus) taurus, Lesson, Nov. Tab. R. A. 185.
 Bull, Penn. Syn. 4.
 Ox, Penn. Brit. Zool. 7.
 Common Ox, Shaw, Zool. ii. 2. 397. t. 208.
 Stier and Ochs, Meyer, Thiere, t. 41, 42; Schrank, Fn.
 Boic. i. 47.

Bœf, Buffon, H. N. iv. 487. t. 14.
 Ove, Koe, Pontopp. Dan. i. 597,

- a. Skull. Sydney.
- b. Horns. New South Wales.
- c. Horns. New South Wales.
- d. Horns. Sydney.
- e. Skeleton of male. England.

BUBALUS CAFFER.

The Cape Buffalo.

Bos caffer, Sparm. K. S. Veter. Akad. 1774-79, t. 3;
 Griffith, A. K. iv. 384. t. young, v. 889; Harris,
 Wild Animals Africa, t. 13, and head: Zimmerm.
 Geogr. Gesch. ii. 90; Gmelin, S. N. i. 207; Schreb.
 Säugeth. t. 301; Cuvier, Dict. Sci. Nat. v. 28; Règ.
 Anim. i. 271; Desm. Nouv. Dict. H. N. iii. 527;
 Mam. 494; Ency. Méth. t. 45. f. 5; Thunb. Mém.
 Act. Petersb. iii. 318; Vollborth, Comm. Anat. Berol.
 1826; Desmoul. Dict. Class. H. N. ii. 367; Fischer,
 Syn. Mam. 494, 652.

Bubalus caffer, Gray, List Mam. B. M. 153; Cat. Osteol.
 Sp. B. M. 54; Cat. of Mam. B. M. P. iii. 28; Cat.
 of bones of Mam. 226; Turner, Proc. Z. Soc. 1849.

Cape Ox, Pennant; Shaw, Zool. ii. 416; Harris, W.
 Anim. Afr. t. 13.

Buffel, Sparm. Reise, 297, 379, &c. t. 2.

Dawf Ox, Pennant, Syn. Quad. i. 9. t. 2. f. 3. young
 horns.

Wilde Buffel, Dutch at Cape; Forster, Reise um die
 Welt, i. 85.

Qu'araho, Hottentots.

Cape Buffalo, Knight, Mus. Anim. Nat. f. 751, 753.

Buffalo, Bewick, Bist. Quad. 47.

a. Horns of Adult. South Africa.

BUBALUS BUFFELUS.

The Buffalo.

Bos bubalus, Brisson, Règ. Anim. 81; Gmelin, S. N.
 i. 206; Schreb. Säugeth. t. 300 A; Bechst. Naturg.
 Deutsch. i. 298; Klein, Annot. Bovis Bubali, t. ; Cu-
 vier, D. Sci. Nat. v. 25; Règ. Anim. i. 270; Desm.
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 652; H. Smith, Griff. A. K. iv. 392. t. v. 892;
 Sundevall, Pecora, 203; Pallas, Zool. R. A. i. 247;
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Bos bubalis, Linn, S. N. i. 99; Ercl. Syst. 238; Hodg-
 son, Proc. Zool. Soc. 1834, 99.

Bos buffelus, Blumenb. Handb. 121.

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 M. 226; Turner, Proc. Zool. Soc. 1849; Bonap. Ind.
 Mamm. Eur. 36. 1845.

B. Bubalus Bubalus, H. Smith.

Bubalus ferus Indicus, Hodgson, Icon. ined. in B. Mus.
 t. 139.

Bos kerabau, Müller, Nederl. Verhand. i. t. 41.

Buffelus, Aldrov. Bisulc, 365. fig. 366.

Buffel, Buffon, Hist. Nat. xi. 284. t. 25; Bailly, Ann.
 Sci. Nat. ii. 369. t. 16; P. Cuvier, Mam. Lithog. t.

Buffel, Meyer, Thier. ii. t. 45.

Buffalo, Penn. Syn. 7; Shaw, Zool. ii. 401. t. 211,

Wild Buffalo, Hodgson, Journ. Asiat. Soc. B. i. 348.

Arnee, Knight, Mus. Anim. Nat. f. 747.

Sukotyro or Buffalo, Sloane; Phil. Trans. 26, 1727, n.
 397. p. 222. f. 2, 3; Pennant, Quad. 25.

Arnee, Anderson, The Bee, 1792, xii. 105. fig. 267. t.
 f. c. d.

Bos Arnee, Shaw, Zool. iv. 400. t. 210; Kerr, Anim.

Kingd. 336. t. 295; Blumenb. Abbild. t. 63; Handb.

122; Cuvier, Dict. Sci. Nat. v. 27; Gray, Proc. Zool.
 Soc. 1855. 17. fig. xi.

Bubalus Arna (var. Macrocerus et Spirocerus), Hodg-

son, *J. A. S. B.* 1841, x. 912; *Calcutta, J. N. H.* iv. 279; *Icon. ined. B. M.* t. 138.
Bos bubalus arnee, *Fischer, Syn. Mam.* 495, 653.
Bos Bubalus arni, *Sumdevall, Pecora*, 202.

- a. Skull and horns. India.
- b. Skull and horns. India.
- c. Pair of horns. India.

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FAM. HALICORIDÆ.

HALICORE AUSTRALIS.

The Australian Dugong.

Halicore australis, *Owen, Voy. Fly*, ii. 325. fig. 1. 327.
 fig. 3. 328. fig. 5. *Orr's Circle of the Sciences*, i. 229.
 fig. 26. (skeleton), 1854; *Gray, Cat. of Mam. B. M.*
 P. 1. *Cetacea*. 143. *Cat. of bones of Mam. B. M.* 161.

- a. Skeleton of Adult. Moreton Bay.
- b. Skeleton of Adult. Coast of Queensland.
- c. Skeleton of young. Coast of Queensland.
- d. Skull of Adult. North East Coast of Australia.
- e. Skull of Adult. North Coast of Australia.
- f. Skull of Adult. North Coast of Australia.
- g. Skull of young. Moreton Bay.—Presented by Sir
 Everard Home, Bart. H. M. S. Calliope.
- h. Young. Moreton Bay.

FAM. DELPHINIDÆ.

DELPHINUS, *Linn.*

DELPHINUS MICROPS.

The Small-headed Dolphin.

Delphinus microps, *Gray, Zool. Erebus and Terror*, t. 25. (skull). *Cat. of Cetacea B. M.* 126; *Cat. of bones of Mam. B. M.* 158.

- a. to i. Skulls. Pacific Ocean.
- k. Skeleton.

DELPHINUS JANIRA.

The Janira.

Delphinus janira, *Gray, Zool. Erebus and Terror*, t. 23. (skull). *Cat. of Cetacea B. M.* 123; *Cat. of bones of Mam. B. M.* 158.

- a. Skull. Bank of Newfoundland.

DELPHINUS METIS.

The Metis.

D. metis, *Gray, Cat. Ost. B. M.* 36; *Zool. Erebus and Terror* 38. t. 18. (skull). *Cat. of Cetacea, B. M.* 113. *Cat. of bones of Mam. B. M.* 157.

- a. Skeleton. Port Jackson.
- b. Skull. Port Jackson.—Presented by the Rev. G. E. Turner, B. C. L.
- c. d. & e. Crania.
- f. Lower jaw.
- g. Skull. Pacific Ocean.
- h. Young. Port Jackson.

STENO, *Gray.*

STENO COMPRESSUS.

The Compressed-beaked Dolphin.

Delphinus compressus, *Gray, List of Mam. B. M.* 105. *Steno compressus*, *Gray, Zool. Erebus and Terror*, t. 27. (skull). *Cat. of Cetacea. B. M.* 129. *Cat. of bones of Mam. B. M.* 159.

- a. Skull of Adult. Pacific Ocean.—Presented by Mr. R. S. Hall.

STENO ATTENUATUS.

The Sharp-beaked Dolphin.

Delphinus attenuatus, *Gray, List of Mam. B. M.* 130. *Steno attenuatus*, *Gray, Cat. of Cetacea, B. M.* 130. *Cat. of bones of Mam. B. M.* 159.

- a. Skull of Adult.

ORCA, *Rondel.*

ORCA CAPENSIS.

The Cape Killer.

Delphinus globiceps, *Owen, Cat. Mus. Coll. Surg.* 165, n. 1139; *Grant, Proc. Zool. Soc.* 1833. 65.

Delphinus orca, *Owen, Brit. Fossil Mam.* 516. *Eydoux, Mus. Paris.*

Orca capensis, *Gray, Zool. Erebus and Terror*, 34. t. 9. (skull). *Cat. of Cetacea. B. M.* 95; *Cat. of bones of Mam. B. M.* 155.

Grampus, *Bennett, Whaling Voyage*, ii. 239.

a. Skeleton of Adult, (imperfect).

b. Skull. Pacific Ocean.

GLOBIOCEPHALUS, *Gray.*

GLOBIOCEPHALUS MACRORHYNCHUS.

The South Sea Black-Fish.

Killer or Black-fish, *S. Bennett, MSS. Mus. Col. Surg.*
Black-fish of South Sea Whalers, *Phocæna*, sp. *Bennett, Whaling Voyage*, ii. 233. fig.

Black-fish, *Phocæna nigra*, *Clarke in Narrat. of Wreck of Favourite*, 184. fig. (1850).

Globiocephalus macrohynchus, *Gray, Zool. Erebus and Terror*, 33. *Cat. of Cetacea, B. M.* 90.

Black-fish, *Colnett, Voy. S. Pacific.*

a. Skeleton. South Pacific, (imperfect.)

FAM. CATODONTIDÆ.

CATODON, *Lacep.*

CATODON AUSTRALIS.

The Australian Sperm Whale.

Catodon australis *Wall, Hist. of the Skeleton of a new Sperm Whale. (Sydney, Piddington, 1851), tab. 1.* (skeleton). *Gray, Cat. of bones of Mam. B. M.* 151.

a. Skeleton of Male. Total length 33 feet 6 inches. Pacific Ocean.—Presented by Mr. Williamson.

b. Under Jaw, 13 feet 2 inches long. Twofold Bay. Presented by Mr. B. Boyd.

c. Under Jaw, 15 feet long. Pacific Ocean.—Presented by Mr. G. Blaxland.

d. Skull.

e. Under Jaw, (malformation).

f. Foetus.

g. Under Jaw.

h & i. Portion of sternum.

k. Atlas.

l. Axis and cervical vertebrae.

m. to q. lumbar vertebrae.

r. left ramus lower jaw (malformation).

s. various ribs (17.)

EUPHYSETES, *Wall.*

EUPHYSETES, GRAYII.

Gray's Sperm Whale.

Euphysetes Grayii, *Wall, Hist. of a New Sperm Whale. (Sydney, Piddington, 1851), 37. t. 1 & 2. (skeleton).*

Kogia breviceps, *Gray, Zool. Erebus and Terror*, 22; *Cat. of bones of Mam. B. M.* 151; *Cat. of Cetacea, B. M.* 53.

Physeter breviceps, *Blainv. Ann. d'Anat. et Phys.* iii. 1838. 337. t. 15; *Lesson, N. Reg. Anim.* 201.

a. Skeleton. Marooobrah Bay.

FAM. BALÆNIDÆ.

BALÆNA, *Linn.*

BALÆNA AUSTRALIS (?)

The Cape Whale.

Balæna australis, *Gray, Zool. Erebus and Terror*, 15 & 48. t. 1. fig. 3. (baleen). *Cat. of bones of Mam. B. M.* 149. *Cat. of Cetacea B. M.* 15.

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a. Left Ramus of the under jaw.

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TROGLODYTES NIGER.

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Troglodytes niger, Geoff. Gray, *List of Mam. B. M.* 1.

Cat. of bones of Mam. B. M. 2.

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Simia agrias, Schreb.

S. pan, Donovan.

Tr. leucoprymnus, Lesson, *Zool. Illust.* t. 31; Martin, f. 254 to 263.

Pongo, Buffon, *H. N. Supp. Shaw, Zool.* i. t.

a. Skeleton. Africa.

Page 2. MACACUS NEMESTRINUS.

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Macacus nemestrinus, Desm. Gray, *List of Mam. B. M.*

7; *Cat. of bones of Mam. B. M.* 14.

Simia nemestrina, Linn.

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S. platypygus, Schreb.

S. fusca, Shaw.

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Page 3. CEBUS CIRRIFER.

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Cebus cirrifer, Geoff. Pr. *Max. Abbild.* t. Gray, *List of*

Mam. B. M. 11.; *Cat. of bones of Mam. B. M.* 24.

Simia cirritera, Humb. *Mam. Lithog.*

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Page 3. LEMUR NIGRIFRONS.

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The Little Bat or Dwarf Bat.

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Page 8. SCOTOPHILUS GOULDI.

Goulds Bat.

b. & c. Adult (in spirits). Ash Island.—Presented by Mrs. Edw. Forde.

Page 8. SCOTOPHILUS MICRODON.

The Small-toothed Bat.

Scotophilus microdon, Tomes, *Proc. Zool. Soc.* xxvii. 68; *Ann. and Mag. Nat. Hist.* 3rd. Ser. v. 50; Gould, *Mam. of Austr.* iii. pl. 42.

a. to d. Adult. N. S. Wales.

Page 11. RHINOLOPHUS MEGAPHYLUS.

The Large-eared Horse-shoe Bat.

c. Adult (in spirits). Warro, Port Curtis.—Presented by Mr. F. A. Blackman.

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The Puma.

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Page 12. FELIS DOMESTICA.

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The Caracal.

Caracal melanotis, Gray, *List of Mam. B. M.* 46; *Cat. of bones of Mam. B. M.* 68.
 Felis caracal, Schreb. Buffon, *H. N.* ix. t. 24; Bennett, *Tower Menag.* 57. fig.

a. Adult. South Africa.

Page 13. LYNCHUS CANADENSIS.

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Page 14. VIVERRA ZIBETHA.

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a. Adult. Ceylon.—Presented by Mrs. Billing.

Page 16. CANIS DINGO.

The Dingo.

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Page 16. CANIS OCCIDENTALIS.

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 Canis lycaon, Schreb. *Säugeth.* iii. t. 89.
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Page 18. MUSTELA VULGARIS.

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a. Adult. Germany.—Presented by Mr. Gerard Krefft.

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a. Skull. S. Africa.

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Page 22. TALPA EUROPEA.

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P. canina, Pallas.

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The Variable Dasyurus.

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Page 27. DASYURUS GEOFFROYI.

Geoffroy's Dasyurus.

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Page 31. ANTECHINUS APICALIS.

The Freckled Antechinus.

b. Adult (in spirits). Rockhampton.—Presented by Mr. Thomas Nobbs.

Page 34. PERAMELES NASUTA.

The Long-nosed Bandicoot.

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Page 39. PETAURISTA TAGUANOIDES.

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k. Young from the pouch (in spirits). Eastern Creek.—Presented by Mr. George Masters.

e. Adult. Presented by Mr. John Lackey, M.L.A.

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Page 48. OSPHRANTER RUFUS.

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D. gerboa, Oliv.

Mus ægyptius, Hasselq. *Act. Holm.* xiv. 123. t. 4. f. 1.

a. Skeleton. Egypt.

Page 69. EURYOTIS.

EURYOTIS BRANTSII.

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Euryotis Brantsii, A. Smith, *S. A. Quart. Jour.* i. 150. *Illust. Zool. S. A.* t. 24. t. 25. fig. 3. Gray, *List of Mam. B. M.* 116. *Cat. of bones of Mam. B. M.* 173.

a. South Africa.—From the South African Museum.

Page 69. *HELAMYS CAPENSIS*.

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Page 70. *BATHYERGUS*.*BATHYERGUS MARITIMUS*.

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Page 73. *DASYPROCTA*, *Illig.**DASYPROCTA AGUTI*.

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a. Skeleton. S. America.

Page 73. *LEPUS CUNICULUS*.

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Page 76. *DASYPUS SETOSUS*.

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Page 79. *HYRAX CAPENSIS*.

The Cape Hyrax.

e. Skeleton. Africa.

Page 80. *EQUUS CABALLUS*.

The Horse.

b. Pony. South Africa.—Presented by Mr. Martyn.

Page 80. *CAMELUS*, *Linn.**CAMELUS BACTRIANUS*.

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s. Skeleton. Asia.

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Page 118. *MYRMECOBIUS FASCIATUS*.

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SYNOPSIS

of the genera represented in this Catalogue with the dental formula of each.

I. stands for Incisors; C. for Canines; P. for Premolars, and M. for Molars.

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CERCOPITHECUS, p. 1.

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VESPERTILIO, p. 9.

$$I. \frac{2-2}{3-3}; C. \frac{1-1}{1-1}; P. \frac{3-3}{3-3}; M. \frac{3-3}{3-3}=38.$$

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$$I. \frac{1-1}{3-3}; C. \frac{1-1}{1-1}; P. \frac{1-1}{2-2}; M. \frac{3-3}{3-3}=30.$$

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$$I. \frac{3-3}{3-3}; C. \frac{1-1}{1-1}; P. \frac{3-3}{2-2}; M. \frac{1-1}{1-1}=30.$$

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$$I. \frac{3-3}{3-3}; C. \frac{1-1}{1-1}; P. \frac{4-4}{3-3}; M. \frac{1-1}{1-1}=34.$$

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$$I. \frac{3-3}{3-3}; C. \frac{1-1}{1-1}; P. \frac{4-4}{4-4}; M. \frac{2-2}{2-2}=40.$$

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$$I. \frac{3-3}{3-3}; C. \frac{1-1}{1-1}; P. \frac{4-4}{3-3}; M. \frac{3-3}{2-2}=38.$$

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$$I. \frac{3-3}{3-3}; C. \frac{1-1}{1-1}; P. \frac{3-3}{4-4}; M. \frac{2-2}{1-1}=36.$$

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$$I. \frac{3-3}{3-3}; C. \frac{1-1}{1-1}; P. \frac{4-4}{4-4}; M. \frac{1-1}{2-2}=38.$$

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$$I. \frac{3-3}{3-3}; C. \frac{1-1}{1-1}; P. \frac{3-3}{3-3}; M. \frac{1-1}{2-2}=34.$$

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$$I. \frac{3-3}{3-3}; C. \frac{1-1}{1-1}; P. \frac{3-3}{3-3}; M. \frac{2-2}{2-2}=36.$$

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$$I. \frac{3-3}{3-3}; C. \frac{1-1}{1-1}; P. \frac{4-4}{4-3}; M. \frac{2-2}{3-3}=42.$$

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$$I. \frac{3-3}{3-3}; C. \frac{1-1}{1-1}; P. \frac{4-4}{4-4}; M. \frac{2-2}{2-2}=40.$$

TALPIDÆ.

TALPA, p. 22.

$$I. \frac{3-3}{3-3}; C. \frac{1-1}{1-1}; P. \frac{4-4}{4-4}; M. \frac{3-3}{3-3} = 44.$$

CHRYSOCHLORIS, p. 22.

$$I. \frac{3-3}{3-3}; C. \frac{0-0}{0-0}; P. \frac{3-3}{3-3}; M. \frac{6-6}{5-5} = 40.$$

TUPAIA, p. 22.

$$I. \frac{2-2}{2-2}; C. \frac{1-1}{1-1}; P. \frac{3-3}{3-3}; M. \frac{3-3}{3-3} = 36.$$

CROCIDURA, p. 22.

$$I. \frac{1-1}{1-1}; C. \frac{0-0}{0-0}; P. \frac{3-3}{2-2}; M. \frac{4-4}{3-3} = 28.$$

CORSIRA, p. 23.

$$I. \frac{1-1}{1-1}; C. \frac{0-0}{0-0}; P. \frac{5-5}{2-2}; M. \frac{4-4}{3-3} = 32.$$

CROSSOPUS, p. 23.

$$I. \frac{1-1}{1-1}; C. \frac{0-0}{0-0}; P. \frac{4-4}{2-2}; M. \frac{4-4}{3-3} = 30.$$

ERINACEUS, p. 24.

$$I. \frac{3-3}{3-3}; C. \frac{0-0}{0-0}; P. \frac{4-4}{2-2}; M. \frac{3-3}{3-3} = 36.$$

PHOCIDÆ.

PHOCA, p. 118.

$$I. \frac{3-3}{2-2}; C. \frac{1-1}{1-1}; P. \frac{3-3}{3-3}; M. \frac{2-2}{2-2} = 34.$$

ARCTOCEPHALUS, p. 24.

$$I. \frac{3-3}{2-2}; C. \frac{1-1}{1-1}; M. \frac{6-6}{5-5} = 36.$$

STENORHYNCHUS, p. 24.

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

TRICHECHUS, p. 24.

(adult.)

$$I. \frac{1-1}{0-0}; M. \frac{3-3}{4-4} = 16.$$

(young.)

$$I. \frac{3-3}{3-3}; C. \frac{1-1}{1-1}; P. \frac{3-3}{3-3}; M. \frac{2-2}{1-1} = 34.$$

MARSUPIALIA.

DASYURIDÆ.

THYLACINUS, *

$$I. \frac{4-4}{3-3}; C. \frac{1-1}{1-1}; P. \frac{3-3}{3-3}; M. \frac{4-4}{4-4} = 46.$$

SARCOPHILUS, p. 25.

DASYURUS, p. 25.

$$I. \frac{4-4}{3-3}; C. \frac{1-1}{1-1}; P. \frac{2-2}{2-2}; M. \frac{4-4}{4-4} = 42.$$

PHASCOGALE, p. 27.

ANTECHINUS, p. 30.

PODABRUS, p. 32.

$$I. \frac{4-4}{3-3}; C. \frac{1-1}{1-1}; P. \frac{3-3}{3-3}; M. \frac{4-4}{4-4} = 46.$$

MYRMECOBIUS.

$$I. \frac{4-4}{3-3}; C. \frac{1-1}{1-1}; M. \frac{8-8}{9-9} = 52.$$

DIDELPHIDÆ.

DIDELPHIS, p. 33.

$$I. \frac{5-5}{4-4}; C. \frac{1-1}{1-1}; P. \frac{3-3}{3-3}; M. \frac{4-4}{4-4} = 50.$$

PERAMELIDÆ.

PERAGALEA, p. 33.

PERAMELES, p. 33.

CHEROPUS, p. 35.

$$I. \frac{5-5}{3-3}; C. \frac{1-1}{1-1}; P. \frac{3-3}{3-3}; M. \frac{4-4}{4-4}=48.$$

PHALANGISTIDÆ.

PHALANGISTA, p. 36.

$$I. \frac{3-3}{1-1}; C. \frac{1-1}{0-0}; P. \frac{2-2}{2-2}; M. \frac{4-4}{4-4}=34.$$

PETAURISTA, p. 38.

BELIDÆUS, p. 39.

$$I. \frac{3-3}{1-1}; C. \frac{1-1}{1-1}; P. \frac{3-3}{3-3}; M. \frac{4-4}{4-4}=40.$$

ACROBATA, p. 41.

$$I. \frac{3-3}{3-3}; C. \frac{1-1}{0-0}; P. \frac{3-3}{2-2}; M. \frac{3-3}{3-3}=36.$$

DROMICIA, p. 42.

$$I. \frac{3-3}{1-1}; C. \frac{1-1}{1-1}; P. \frac{3-3}{3-3}; M. \frac{3-3}{3-3}=36.$$

TARSIPES, *

$$I. \frac{2-2}{2}; C. \frac{0-0}{0-0}; M. \frac{3-3}{3-3}=18 \text{ or more.}$$

PHASCOLARCTOS, p. 44.

$$I. \frac{3-3}{1-1}; C. \frac{1-1}{0-0}; P. \frac{1-1}{1-1}; M. \frac{4-4}{4-4}=30.$$

CUSCUS, *

$$I. \frac{3-3}{1-1}; C. \frac{1-1}{0-0}; P. \frac{3-3}{4-4}; M. \frac{4-4}{4-4}=40.$$

MACROPODIDÆ.

HYPISIPRYMNUS, p. 44.

BETTONGIA, p. 45.

$$I. \frac{3-3}{1-1}; C. \frac{1-1}{0-0}; P. \frac{1-1}{1-1}; M. \frac{4-4}{4-4}=30.$$

MACROPUS, p. 47.

OSPHRANTER, p. 48.

HALMATURUS, p. 49.

PETROGALE, p. 51.

ONYCHOGALEA, p. 53.

$$I. \frac{3-3}{1-1}; C. \frac{0-0}{0-0}; P. \frac{1-1}{1-1}; M. \frac{4-4}{4-4}=28.$$

LAGORCHESTES, p. 52.

$$I. \frac{3-3}{1-1}; C. \frac{1-1}{0-0}; P. \frac{1-1}{1-1}; M. \frac{4-4}{4-4}=30.$$

PHASCOLOMYIDÆ.

PHASCOLOMYS, p. 54.

$$I. \frac{2}{2}; C. \frac{0}{0}; P. \frac{1-1}{1-1}; M. \frac{4-4}{4-4}=24.$$

MONOTREMATA.

ECHIDNA, p. 55.

Without teeth.

ORNITHORHYNCHUS, p. 56.

$$\text{Horny teeth, } \frac{2-2}{2-2}=8.$$

RODENTIA.

ANOMALURUS, p. 57.

$$I. \frac{1-1}{1-1}; M. \frac{4-4}{4-4}=20.$$

SCIURUS, p. 57.

XERUS, p. 59.

TAMIAS, p. 59.

$$I. \frac{1-1}{1-1}; M. \frac{4-4}{4-4} \text{ or } \frac{5-5}{4-4} = 20 \text{ or } 22.$$

ARCTOMYS, p. 59.

$$I. \frac{1-1}{1-1}; M. \frac{5-5}{4-4} = 22.$$

MYOXUS, p. 60.

$$I. \frac{1-1}{1-1}; M. \frac{4-4}{4-4} = 20.$$

MUS, p. 61.

HAPALOTIS, p. 64.

$$I. \frac{1-1}{1-1}; M. \frac{3-3}{3-3} = 16.$$

DIPODOMYS, p. 67.

$$I. \frac{1-1}{1-1}; M. \frac{4-4}{4-4} = 20.$$

GERBILLUS, p. 67.

CRICETUS, p. 67.

CRICETOMYS, p. 67.

ARVICOLA, p. 68.

$$I. \frac{1-1}{1-1}; M. \frac{3-3}{3-3} = 16.$$

HELANYS, p. 69.

$$I. \frac{1-1}{1-1}; M. \frac{4-4}{4-4} = 20.$$

ALACTAGA, p. 70.

DIPUS, p. 119.

EURYOTIS, p. 119.

$$I. \frac{1-1}{1-1}; M. \frac{3-3}{3-3} = 16.$$

BATHYERGUS, p. 120.

SPALAX, p. 70.

MYOPOTAMUS, p. 70.

$$I. \frac{1-1}{1-1}; M. \frac{4-4}{4-4} = 20.$$

FIBER, p. 71.

$$I. \frac{1-1}{1-1}; M. \frac{3-3}{3-3} = 16.$$

HYDROMYS, p. 71.

$$I. \frac{1-1}{1-1}; M. \frac{2-2}{2-2} = 12.$$

HYSTRIX, p. 73.

$$I. \frac{1-1}{1-1}; M. \frac{4-4}{4-4} = 20.$$

LEPUS, p. 73.

$$I. \frac{2-2}{1-1}; M. \frac{6-6}{5-5} = 28.$$

CAVIA, p. 75.

$$I. \frac{1-1}{1-1}; M. \frac{4-4}{4-4} = 20.$$

EDENTATA.

BRADYPUS, p. 75.

$$I. \frac{0-0}{0-0}; C. \frac{0-0}{0-0}; M. \frac{5-5}{4-4} = 18.$$

DASYPUS, p. 75.

$$I. \frac{0-0}{0-0}; M. \frac{9-9}{10-10} = 38.$$

MYRMECOPHAGA, p. 76.

without teeth.

MANIS, p. 76.

without teeth.

PACHYDERMATA.

ELEPHAS, p. 77.

$$I. \frac{2-2}{0-0}; M. \frac{6-6}{6-6} = 28.$$

SUS, p. 78.

$$I. \frac{3-3}{3-3}; C. \frac{1-1}{1-1}; P. \frac{4-4}{4-4}; M. \frac{3-3}{3-3} = 44.$$

BABIRUSSA, p. 78.

DICOTYLES, p. 78.

$$I. \frac{2-2}{3-3}; C. \frac{1-1}{1-1}; P. \frac{3-3}{3-3}; M. \frac{3-3}{3-3} = 38.$$

RHINOCEROS, p. 79.

HYRAX, p. 79.

$$I. \frac{1-1}{2-2}; C. \frac{0-0}{0-0}; P. \frac{4-4}{4-4}; M. \frac{3-3}{3-3} = 34.$$

EQUUS, p. 79.

$$I. \frac{3-3}{3-3}; C. \frac{1-1}{1-1}; P. \frac{3-3}{3-3}; M. \frac{3-3}{3-3} = 40.$$

RUMINANTIA.

CAMELUS, p. 121.

$$I. \frac{1-1}{3-3}; C. \frac{1-1}{1-1}; P. \frac{3-3}{2-2}; M. \frac{3-3}{3-3} = 34.$$

LLANA, p. 80.

$$I. \frac{1-1}{3-3}; C. \frac{1-1}{1-1}; P. \frac{2-2}{1-1}; M. \frac{3-3}{3-3} = 30.$$

TRAGULUS, p. 81.

AXIS, p. 82.

HYELAPHUS, p. 82.

$$I. \frac{0-0}{4-4}; C. \frac{1-1}{0-0}; P. \frac{3-3}{3-3}; M. \frac{3-3}{3-3} = 34.$$

CAPREOLUS, p. 83.

$$I. \frac{0-0}{4-4}; C. \frac{0-0}{0-0}; P. \frac{3-3}{3-3}; M. \frac{3-3}{3-3} = 32.$$

RUSA, p. 84.

CERVUS, p. 86.

$$I. \frac{0-0}{4-4}; C. \frac{1-1}{0-0}; P. \frac{3-3}{3-3}; M. \frac{3-3}{3-3} = 34.$$

CERVUS, (DAMA), p. 85.

TARANDUS, p. 87.

GAZELLA, p. 89.

ANTIDORCAS, p. 89.

CERVICAPRA, p. 90.

CALOTRAGUS, p. 91.

OREOTRAGUS, p. 92.

CEPHALOPHUS, p. 93.

PELEA, p. 95.

ELEOTRAGUS, p. 95.

ADENOTA, p. 96.

KOBUS, p. 97.

ÆGOCERUS, p. 97.

ORYX, p. 99.

RUPICAPRA, p. 100.

ANTILOCAPRA, p. 101.

ALCELAPHUS, p. 102.

STREPSICEROS, p. 103.

OREAS, p. 104.

CAPRA, p. 105.

SYNOPSIS.

Ovis, p. 106.

Bos, p. 107.

BUBALUS, p. 108.

$$I. \frac{0-0}{4-4}; C. \frac{0-0}{0-0}; P. \frac{3-3}{3-3}; M. \frac{3-3}{3-3} = 32.$$

CETE.

HALICORE, p. 110.

$$I. \frac{2-2}{3-3 \text{ or } 4-4}; C. \frac{0-0}{0-0}; M. \frac{5-5}{5-5} = 30 \text{ or } 32.$$

DELPHINUS, p. 110.

$$\text{Teeth: } \frac{42-42 \text{ to } 48-48}{45-42 \text{ to } 48-48} = 168 \text{ to } 192.$$

STENO, p. 111.

$$\text{Teeth: } \frac{23-23 \text{ to } 25-25}{23-23 \text{ to } 25-25} = 92 \text{ to } 100.$$

ORCA, p. 112.

$$\text{Teeth: } \frac{13-13}{12-12} = 50.$$

GLOBIOCEPHALUS, p. 112.

$$\text{Teeth: } \frac{10-10 \text{ to } 14-14}{10-10 \text{ to } 14-14} = 40 \text{ to } 50.$$

CATODON, p. 112.

$$\text{Teeth: } \frac{0-0}{21-21} = 42.$$

EUPHYSETES, p. 113.

$$\text{Teeth: } \frac{0}{13} \frac{0}{13} = 26 \text{ or more.}$$

BALÆNA, p. 113.

No teeth; long whale bone or baleen in the upper jaw.

DIRECTIONS FOR THE PRESERVATION OF SPECIMENS.

1st.—The MAMMALIA in general should be treated thus. Slit the skin along the belly. Through the opening thus made extract the trunk and tail, separating them from the head and legs, which are to be left in their skin. Then clean the bones of the legs from flesh, as far as the toes, drawing the skin down them for this purpose; in like manner pull the skin of the head forward, exposing the skull as far as the lips, and remove the eyes, brain, and flesh from the bone. Wash the skin well, and rub it thoroughly with a dry mixture of one part of alum to two parts of salt. Draw back the skin of the legs and head to its natural position. Now fold the specimen together, and lay it in a saturated solution of salt and alum, (two parts of salt to one of alum.) During the following days the skin must be frequently turned, and kept covered by the brine. After three weeks, it may be packed in a box with a sufficiency of coarse salt, and will then sustain no damage from a journey of even three months duration.

2nd.—The skins of BIRDS after being cleaned according to the directions given in the preceeding paragraph, should be dressed with arsenical soap, or dry arsenic, and kept out of the damp.

3rd.—REPTILES, FISHES, and very small MAMMALIA, are best preserved in spirit of any kind. Where this is not readily attainable, remove the intestines, clean the cavity well, and rub in plenty of salt. Then keep the specimens in the brine described in the first paragraph.

4th.—The bodies of the MOLLUSCA (Shellfish, Snails, &c.) must be kept in spirits. Their shells however are easily cleared of the animals, dried and preserved.

5th.—All INSECTS, except Butterflies and Spiders, are best killed in hot water. They should then be

pinned upon cork in the bottom of a box of suitable size, and with a close fitting lid. Or they may be corked up in a bottle with wool, cotton, or soft paper, and a small quantity of spirits.

BUTTERFLIES may be either pinned upon cork, or folded together in three-cornered pieces of paper, and when *perfectly dry* packed away in a box.

SPIDERS can only be preserved in spirits.

6th.—CRUSTACEANS (Lobsters, Crayfish, Shrimps, &c.) may be either kept in spirits, or dried after the removal of the intestines and flesh. In the latter case it is necessary to soak *marine* specimens for a few hours in fresh water before drying them.

7th.—The hard-crusted ECHINODERMATA (Sea-urchins, Starfish, &c.) may be treated as the Crustaceans. The soft species (Trepang, &c.) should be kept in spirits.

8th.—Each specimen of Ore, or other Minerals, should be separately wrapped in paper, and distinctly labelled with the name of the locality where it was found. Specimens of Rock should be about four inches square.

All packages should be addressed to the AUSTRALIAN MUSEUM, Sydney, where any reasonable charges for carriage or freight will be paid.