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CATALOGUE  
OF THE  
BONES OF MAMMALIA  
IN THE  
COLLECTION  
OF THE  
BRITISH MUSEUM.



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## P R E F A C E.

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THIS Catalogue contains a list of the Skeletons, Skulls, and other Osteological Specimens of the Class Mammalia contained in the British Museum; and references to the works in which the entire skeletons or separate bones of Mammalia are figured, not only of the species in the Museum, but of those which are still desiderata. References to the latter have been added with the view of increasing the usefulness of this Catalogue to students of the Osteological Collection.

For the purpose of showing the disposition of the bones in the different Classes and Orders, a few examples of each have been mounted; and for the purpose of illustrating the genera and species in the Collection, and facilitating their comparison, a series of skulls has been arranged on separate tablets.

The bones of the greater number of the skeletons are kept separately in boxes, to admit of the various bones of the different recent species being compared with each other and with their fossil analogues, which cannot so easily and completely be accomplished when they are mounted. To prevent the bones being mismatched, each bone of each specimen is marked with the number of the species, and the *letter* of the specimen used in the Catalogue.

The chief value of an Osteological Collection depending on the accuracy with which the names of the species are determined to which the specimens belong, due attention has been paid to this point; and it is hoped that, in this particular, the British Museum Collection will afford peculiar advantages to the student. Of the Donations the greater portion has been presented by the Collectors of

the specimens, in many of which the bones, part of the skull, and skin were still adhering together. Most of the purchased specimens have been procured from Collections received direct from their native habitats, and from persons whose statements as to the localities and habits of the species could be relied on. Many of the skeletons and skulls have been extracted from animals which have died in this country, or from specimens which form part of the Zoological series in the Museum Collection. These skeletons and skulls bear a number with an asterisk (\*); the number being that in the MS. Catalogue or on the Stand, by which the corresponding skins in the Zoological series are denoted.

When the List of Osteological Specimens in the British Museum was published in 1847, that Collection contained 1766 specimens, appertaining to 742 species. It now contains 4255 specimens; viz. 706 skeletons, and 3549 skulls, or parts of skeletons, belonging to 1197 species,—viz. of 231 Primates, 380 Feræ, 53 Cete, 327 Glires, and 206 Ungulata.

The List of the Bones and the referenes to the Plates have been compiled by EDWARD GERRARD, who also prepared most of the specimens.

JOHN EDWARD GRAY.

British Museum,  
March 10, 1862.



CATALOGUE  
OF  
OSTEOLOGICAL SPECIMENS.

Class MAMMALIA.

Order I. PRIMATES.

Fam. 1. HOMINIDÆ.

HOMO.

Teeth :—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

MAN. *Homo sapiens.*

- a, b, c.* Skulls of Hillmen, probably Cishimalayan or Thibetan, procured at Symbunath, in the valley of Nepal.  
*d, e, f.* Skulls of Hillmen, probably of the Newar tribe, procured at Sankhmol, in the valley of Nepal.  
*g, h, i.* Skull of a man and woman of the tribe of Newar called Jyapoo, from Nepal proper.  
*j, k, l.* Skulls of men of the tribe of Newar called Bandya, executed for forgery in Nepal proper.  
*m, n.* Skulls of Hillmen, tribe unknown, from the banks of the Bagnath, in Nepal proper.  
*o, p.* Skulls of man and boy, natives of the plains, procured on the Ganges.  
*q.* Skull. Australia. Presented by Captain Stokes, R.N.  
*r.* Skull. Greenland.  
*s.* Skull. Ceylon. Presented by Dr. Davy.  
*t.* Skull (Negro). Africa.  
*u, v.* Skulls. Darnley Island, Torres Straits. Presented by the Earl of Derby.  
*w.* Skull of an adult idiot. Darnley Island, Torres Straits. Presented by the Earl of Derby.

- a.* Skull. Darnley Island, Torres Straits. Presented by the Earl of Derby.
- γ.* Skull. Pasadama, near Lima.
- a*<sup>2</sup>, *b*<sup>2</sup>. Skulls. Vera Cruz. Presented by Captain E. Nepean.
- c*<sup>2</sup>. Skull. Presented by — Nasmyth, Esq.
- d*<sup>2</sup>–*j*<sup>2</sup>. Skulls. New Zealand. Presented by W. Brown, Esq.
- l*<sup>2</sup>. Skull of a New Zealand Chief. New Zealand. From the Zoological Society's Collection.
- m*<sup>2</sup>. Skull. Darnley Island. Presented by Mrs. Stanley.
- n*<sup>2</sup>. Skull. Ashantee. From Mr. Daniel's Collection.
- e*<sup>2</sup>. Skull. Taken from St. Catherine's Churchyard, near the Tower. From Mr. Daniel's Collection.
- p*<sup>2</sup>. Skull. Ceylon. Presented by Major Skinner.
- q*<sup>2</sup>. Skull. New Zealand. Presented by Sir G. Grey.
- r*<sup>2</sup>. Skull. "Mailura." From Madame Pfeiffer's Collection.
- s*<sup>2</sup>. Skull. "Male, killed in Sept. 1853, on suspicion of having assisted to burn the town of Levika." Feejee Islands. From Mr. Macgillivray's Collection.
- t*<sup>2</sup>. Skull. "Said to have been that of a female, from a grave at Levika." Solomon Islands. From Mr. Macgillivray's Collection.
- u*<sup>2</sup>. Skull. Solomon Islands. From Mr. Macgillivray's Collection.
- v*<sup>2</sup>. Skull. Weeah Island. From Mr. Stevens's sale.
- w*<sup>2</sup>. Skull. Loyalty Island. From Mr. Stevens's sale.
- a*<sup>2</sup>–*z*<sup>2</sup>. Skulls. Loyalty Island. From Mr. Stevens's sale.
- a*<sup>3</sup>, *b*<sup>3</sup>. Skulls. "Hope or Hund Island, one of the Kingswell group. Lat. 2° 50' S., Long. 177° E." From Mr. Stevens's sale.
- c*<sup>3</sup>. Skull. Weeah Island.
- d*<sup>3</sup>. Skull. Loyalty Island.
- e*<sup>3</sup>. Skull: male. Hope Island.
- f*<sup>3</sup>. Skull: female.
- g*<sup>3</sup>. Skull.
- h*<sup>3</sup>. Skull of a fœtus.
- i*<sup>3</sup>. Skull. Pelican Island.
- j*<sup>3</sup>. Skull. Lefoo Island.
- k*<sup>3</sup>. Skull: male. Nepal proper.
- l*<sup>3</sup>. Skull. "Khampees."
- m*<sup>3</sup>. Skull. "Bengal Islamite: a Fakerer."
- n*<sup>3</sup>. Skull. "Bodo."
- o*<sup>3</sup>. Skull. "Bhotia Sakya."
- p*<sup>3</sup>. Skull. "Ukyaba Bhotia." Thibet.
- q*<sup>3</sup>. Skull: male. "Inu Bhotia."
- r*<sup>3</sup>. Skull: male. "Sapka."
- s*<sup>3</sup>. Skull. "Koech."
- t*<sup>3</sup>. Skull. "Dimal."
- u*<sup>3</sup>. Skull. "Skopa."
- v*<sup>3</sup>. Skull. "Skopa."
- w*<sup>3</sup>. Skull: male. "Lepcha."
- x*<sup>3</sup>–*e*<sup>4</sup>. Skulls. "Lepcha."
- f*<sup>4</sup>–*i*<sup>4</sup>. Skulls. "Murmi."

} From Mr. Stevens's sale.

} Presented by B. H. Hodgson, Esq.

$j^4$ .	Skull: male.	“Murmi.”
$k^4$ .	Skull: female.	“Murmi.”
$l^4, m^4$ .	Skulls.	“Murmi.”
$n^4-p^4$ .	Skulls.	“Uraon.”
$q^4, r^4$ .	Skulls.	“Dirge Bhotia of Khan.”
$s^4-x^4$ .	Skulls.	“Newar.”
$y^4$ .	Skull: male.	“Sharpa” or “Kachas Bhotia.”
$z^4$ .	Skull.	“Sharpa Bhotia.”
$a^5$ .	Skull.	“Kachaal Bhotia.”
$b^5-k^5$ .	Skulls.	“Lowlanders.” Caste unknown.
$l^5$ .	Skull: male.	“Sunwar.”
$m^5$ .	Skull.	“Sunwar.”
$n^5$ .	Skull: male.	“Sunwar.”
$o^5, p^5$ .	Skulls.	“Sunwar.”
$q^5, r^5$ .	Skulls.	“Magar.”
$s^5-u^5$ .	Skulls.	“Magar.”
$v^5, w^5$ .	Skulls: male.	“Limbu.”
$x^5-z^5$ .	Skulls.	“Limbu.”
$a^6$ .	Skull: male.	“Kiranti.”
$b^6-f^6$ .	Skulls.	“Kiranti.”
$g^6$ .	Skull.	“Boy: Gurung.”
$h^6$ .	Skull.	“Gurung.”
$i^6, j^6$ .	Skulls: male.	“Gurung.”
$k^6$ .	Skeleton.	“Gurung.”
$l^6, m^6$ .	Skulls.	From Mr. Cuming's Collection.

Presented  
by B. H.  
Hodgson,  
Esq.

## Fam. 2. SIMIADÆ.

## TROGLODYTES.

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The GORILLA. *Troglodytes gorilla*.

*Savage*, Boston Journ. Nat. Hist. vol. iv. Aug. 1847, p. 418 (skull).—*Owen*, Trans. Zool. Soc. vol. iii. 1848, p. 392. pls. 61–63 (skull); vol. iv. pt. 3. 1853, p. 75. pls. 26, 27, 28 (skulls); vol. iv. pt. 4. 1857, p. 89. pl. 33 (cervical vert.), pl. 34 (dorsal vert.), pl. 35 (lumbar vert.), pl. 36 (sacral vert.); vol. v. 1861, pl. —Proc. Zool. Soc. pt. 1. Jan. 1859.

*Troglodytes Savagei*, *Owen*, Proc. Zool. Soc. 1848, p. 27. nos. 1 & 2 (skulls).

*Gorilla gina*, *Is. Geoff. St.-II.*, Compt. Rend. de l'Acad. des Sci. 1853, et Hist. Nat. gén. tom. ii. 1856; Archives du Mus. tom. viii. 1855, p. 1. pl. 11 (skeleton), pl. 5. figs. 1–6 (skull of adult and young).—*Dahlbom*, Zoologiska Studier, pl. 3. fig. 7 (skeleton), fig. 8 (skull).

a. Skeleton of an adult male, 5 feet 2 inches in height. Gaboon.

\*b. Skeleton of a young male.

c. Skeleton (imperfect). West Africa. From M. Parzudaki's Collection.

- d. Skull of an adult female.  
 e. Skull of an adult male. Presented by R. B. Waller, Esq.  
 f. Skull (plaster cast). Presented by the Royal College of Surgeons.  
 g. Skeleton: very young. W. Africa. Presented by Dr. Selater.

#### The CHIMPANZEE. *Troglodytes niger*.

*Geoff.*, Tabl. des Quadr. 1842.—*Owen*, Trans. Zool. Soc. vol. i. p. 380. pl. 48, "Side view of the skeletons of adult and young, the latter being of that age when the first permanent molares have been acquired, and before shedding any of the deciduous teeth;" vol. i. pl. 50 (front view of skeleton), pls. 51–56 (different views of the skulls); vol. iii. pls. 58–60 (skulls), 1848; vol. iv. 1857, pl. 31 (lower jaws), pls. 33–36 (vert.); *Odont.* pl. 118. fig. 1, pl. 119. figs. 1, 2, pl. 120. fig. 1 (teeth), 1840–5.—*Duvernoy*, Archives du Mus. tom. viii. pls. 5, 6 (skulls), 1855.—*Chenu*, Encyclop. Hist. Nat. p. 8 (skulls, adult and young).—*Blainv.*, Ost. Atl. G. Pithecus, pl. 5 (skull of adult and young).—*Spir*, Cephalogenesis, tab. 6. fig. 3 (skull), 1815.—*Martin*, Mamm. fig. 176. p. 204 (skull), figs. 256–258. p. 366 (skulls).—*Dahlbom*, Zoologiska Studier, pl. 1. fig. 2 (scapula), fig. 3 (sternum), 1857.

*Troglodytes tschego*, *Duvernoy*, Archives, viii. pl. 1. fig. 1 (skeleton), pl. 6. fig. B (skulls), pl. 3 (hands and feet).

- a. Skeleton: adult male, 3 ft. 9 in. in height. West Africa.  
 b. Skeleton: young.  
 c. Skeleton.  
 \*d. Skull and bones of body.  
 e. Skull: adult.  
 f. Skull: plaster cast of adult ♀.  
 g. Skeleton, 1 ft. 11 in. in height.  
 h. Skeleton, 1 ft. 8 in. in height.

#### SIMIA.

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

#### The OURAN OUTAN. *Simia satyrus*.

*Owen*, Trans. Zool. Soc.:—Side view of the skeletons of the adult and young, vol. i. p. 376. pl. 49. p. 380. Front view of the skeleton, vol. i. p. 376. pl. 50. p. 380. Skulls, fig. at pls. 54, 55, 56. Skull, vol. iv. pt. 3. 1853, pl. 29. Skulls of variety "Pappan" and variety "Rambi," vol. iv. pl. 50. p. 165. *Odont.* pl. 117. figs. 2, 3 (teeth).—*Blainv.*, Ost. Atl. G. Pithecus, pl. 1 (skeleton), pl. 10 (teeth).—*Spir*, Cephalogenesis, tab. 6. fig. 1, 1815 (skull).—*Cuvier*, Dents des Mamm. p. 8. pl. 2.—*Chenu*, Encyclop. Hist. Nat. p. 8, skull, fig. 13; comparative profile of three different ages, pp. 13, 36; pl. 6 (skeleton).—*Martin*, Mamm. figs. 177, 264. p. 390 (skulls), fig. 265. p. 396 (skull).—*Journ. de Phys.* iii. p. 342, 1798 (skeleton).—*Audeb.*, Sing. Pl. Anat. ii. figs. 5 & 6 (skeleton); Sing. i. sect. 1. p. 8. fig. 3 (skull).—*G. Fischer*, Naturh. Fragm. p. 207. tab. 3, 4 (skull).—*Rudolphi*, in Berl. Abhandl. 1824, p. 131. tab. 2 (skull).—*Pand. et d'Alt.*, Vierhand. tab. 8. fig. a, b (skull).—*P. Camper*,

Natuurk. Verhand. p. 1. tab. 2 (skull).—*Dahlbom*, Zoologiska Studier, pl. 1. fig. 4 (scapula), fig. 5 (pelvis), 1857.

- a, b, c.* Skeletons of adult males. "Mias Pappan of the Dyaks," *Owen*. Borneo. Presented by Sir J. Brooke.  
*d.* Skull: adult. From Mr. Cross's Collection.  
*e, f.* Skulls: young. From Mr. Argent's Collection.  
*g.* Right side of the lower jaw. Borneo. Presented by H. Lowe, Esq.  
*\*h.* Skull and imperfect skeleton. From the Zoological Society's Collection.  
*i.* Skeleton. From the Zoological Society's Collection.  
*j-o.* ♂ ♀. Skulls. "Mias Pappan of the Dyaks," *Owen*. Borneo. Presented by Sir J. Brooke.  
*p, q.* Skulls. Borneo. Presented by Sir J. Brooke.  
*r-z.* Skulls: young. Borneo. Presented by Sir J. Brooke.  
*a<sup>2</sup>.* Skull: young. Variety "Rambi," *Owen*. Borneo. Presented by Sir J. Brooke.  
*b<sup>2</sup>.* Skull: adult ♂. Borneo. From the Zoological Society's Collection.  
*c<sup>2</sup>-f<sup>2</sup>.* Skulls: adult ♂. Variety "Rambi," *Owen*. Borneo. Presented by Sir J. Brooke.  
*g<sup>2</sup>.* Skull. Borneo. Purchased of Mr. Wright.

#### The KASSER ORANG. *Simia morio*.

*Owen*, Trans. Zool. Soc. vol. ii. pl. 33. p. 172, pl. 34. p. 174 (skull); vol. iv. pl. 48. p. 165 (skull, adult male).—*Odont.* pl. 117. fig. 4 (teeth).

- \*a.* Skull: ♂. Borneo. From Mr. A. R. Wallace's Collection.  
*b.* Skeleton: ♀. Borneo. From Mr. A. R. Wallace's Collection.  
*c.* Skull: ♀. Borneo. Presented by Sir J. Brooke.

#### SIAMANGA.

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

#### The SIAMANG. *Siamanga syndactyla*.

*Simia syndactyla*, *Horsfield*, Zool. in Java (*h* to *p*, dentition).

*Pithecus syndactyla*, *Blainv.*, Ost. Atl. G. *Pithecus*, pl. 16 (teeth).—*Cuv.*, Dents des Mamm. p. 14. no. 3 (teeth).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	4
Sacral . . . . .	3
Caudal . . . . .	5

- a.* Skeleton: young. Sumatra. Presented by G. Bennett, Esq.  
*b.* Skull. Presented by the Saffron Walden Museum.  
*c.* Skull. From the Zoological Society's Collection.

**HYLOBATES.**

Teeth :—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The SILVERY GIBBON, OR WOU-WOU. **Hylobates leuciscus.**

*Van der Hoeven*, Verz. de Platen, pl. 19, fig. 13 (skull).—Handbuch der Zoologie, p. 796, taf. 9, fig. 8 (skull), 1852-56.

a. Skull.

The OUNGKA. **Hylobates agilis.**

*Dahlbom*, Zoologiska Studier, pl. 3, fig. 9 (clavicula), fig. 10 (sternum), 1857.

*Pithecus variegatus*, *Blainv.*, Ost. Atl. G. *Pithecus*, pl. 2 (skeleton).

a. Skull.

The GIBBON. **Hylobates lar.**

*Buffon*, Hist. Nat. xiv, pl. 6 (skeleton), p. 108.

a. Skull. From the Zoological Society's Collection.

b. Skull. Tenasserim. Presented by Professor Oldham.

c. Skull. From the Zoological Society's Collection.

The HOOLOCK GIBBON. **Hylobates hoolock.**

*Martin*, Nat. Hist. of Man and Monkeys, p. 438, fig. 275 (skull), p. 442.

a, b. Skull. From the Zoological Society's Collection.

c. Skeleton (imperfect). From the Zoological Society's Collection.

\*d. Skull. From the Zoological Society's Collection.

The WHITE-CHEEKED GIBBON. **Hylobates leucogenys.**

*Martin*, Nat. Hist. of Man and Monkeys, fig. 276 (skull), p. 445.

**PRESBYTES.**

Teeth :—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The CHINGKAU. **Presbytes cristatus.**

a. Skull. Java.

b. Skull: young.

c. Skull. Sumatra. From the Zoological Society's Collection.

d. Skull: young.

The DUSKY PRESBYTES. **Presbytes obscurus.**

- a.* Skull. Singapore?  
*b, c.* Skulls. Tenasserim. Presented by Professor Oldham.  
*d.* Skull. From the Zoological Society's Collection.

The CRESTED PRESBYTES. **Presbytes mitratus.**

*Pithecus mitratus*, *Blaine.*, Ost. Atl. G. *Pithecus*, pl. 10 (teeth).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	27

- \**a.* Skull. Java.  
*b.* Skeleton. Java. From Mr. Warwick's Collection.  
*c.* Skull.

The KALASIE. **Presbytes rubicundus.**

*Semnopithecus rubicundus*, *Müller*, S. Verh. Nat. Gesch. tab. 9. figs. 4, 5 (skull).

The SIMPAL. **Presbytes melalophis.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	(imperfect.)

- a.* Skeleton. Sumatra. From Mr. Warwick's Collection.

**Presbytes chrysomeles.**

*Semnopithecus chrysomeles*, *Müller*, S. Verh. Nat. Gesch. tab. 2. fig. 3 (skull).

**Presbytes frontatus.**

*Semnopithecus frontatus*, *Müller*, S. Verh. Nat. Gesch. tab. 8. figs. 3, 4 (skull).

The NEGRO MONKEY. **Presbytes maurus.**

*Semnopithecus maurus*, *Horsfield*, Zool. Res. Java (*a*, skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	26

- \**a.* Skull.  
*b.* Skull. From Mr. Argent's Collection.  
*c.* Skeleton.

**Presbytes cephalopterus.**

*a.* Skull. From the Zoological Society's Collection.

The CINEREOUS PRESBYTES. **Presbytes cinereus.**

\**a.* Skull. Malacca.

*b.* Skull. Java. From Mr. Brandt's Collection.

*c.* Skull.

The HOONUMAN. **Presbytes entellus.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	29

- a.* Skull of an adult. Nepal. Presented by B. H. Hodgson, Esq.  
*b.* Skull of a middle-aged specimen. Nepal. Presented by B. H. Hodgson, Esq.  
*c.* Skull: half-grown. Nepal. Presented by B. H. Hodgson, Esq.  
*d.* Skull: young. Sumatra? Presented by B. H. Hodgson, Esq.  
*e.* Teeth: adult. Nepal. Presented by B. H. Hodgson, Esq.  
*f.* Skull. From Mr. Williams's Collection.  
*g.* Skull: lower jaw wanting. Presented by Dr. Melville.  
*h.* Skull: young. Sumatra. Presented by B. H. Hodgson, Esq.  
*i.* Skull. Hazarabagii, India. Presented by Professor Oldham.  
*j.* Skull. Bengal. Presented by Professor Oldham.  
*k.* Skull. From the Zoological Society's Collection.  
*l.* Skeleton. From Mr. Warwick's Collection.  
*m.* Skeleton: half-grown.  
*n.* Bones of body and limbs. Nepal. Presented by B. H. Hodgson, Esq.  
*o.* Bones of body. Nepal. Presented by B. H. Hodgson, Esq.

The HOODED PRESBYTES. **Presbytes johnii.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	(?)

\**a.* Skull. Neilgherries.

*b.* Skeleton.

The DOUC MONKEY. **Presbytes nemæus.**

*Semnopithecus nemæus*, *Chenu*, Encyclop. d'Hist. Nat. p. 73. fig. 59 (skull).

*Pithecus nemæus*, *Blainv.*, Ost. Atl. pl. 6 (skull).



**Presbytes griseus.**

*Semnopithecus griseus*, *Desm.*, Voy. Bonite, pl. 1 (skull).

**NASALIS.**

Teeth :—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

The PROBOSCIS MONKEY. **Nasalis larvatus.**

*Martin*, Nat. Hist. of Man and Monkeys, fig. 282 (skull, female), p. 456.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	22

- \**a.* Skull: young. Borneo. Presented by Captain Sir Edward Belcher, C.B.
- \**b.* Skull. Borneo. Presented by M. Temminck.
- c.* Skeleton: female. Sumatra. Presented by Sir T. S. Raffles.

**COLOBUS.**

Teeth :—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

The GUEREZA. **Colobus guereza.**

*Rüppell*, Faun. Abyssin. taf. 1 (skull).

\**a.* Skull.

The BLACK COLOBUS. **Colobus satanus.**

*a.* Skeleton. W. Africa. From M. Verreaux's Collection.

TEMMINCK'S COLOBUS. **Colobus temminckii.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	29

- a.* Skull. W. Africa. From Mr. Argent's Collection.
- b.* Skeleton. W. Africa. From Mr. Whitfield's Collection.

The KING MONKEY. **Colobus polycomus.**

\* *a.* Skull. Coast of Guinea. From Mr. Frank's Collection.

**Colobus verus.**

*Van Bened.*, Bull. de l'Acad. des Sei. de Brux. tom. v. p. 344, 1838,  
pl. (skull).

**CERCOPITHECUS.**

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The SAMANGO. **Cercopithecus samango.**

\**a.* Skull. From the Stockholm Museum.

**Cercopithecus campbellii.**

\**a.* Skull. W. Africa.

The PLUTO. **Cercopithecus pluto.**

\**a.* Skull. W. Africa. From the Zoological Society's Collection.

**Cercopithecus ludio.**

\**a.* Skull. W. Africa. From the Zoological Society's Collection.

The WHITE-THROATED MONKEY. **Cercopithecus albogularis.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	22 ?

\**a.* Skull. India.

*b.* Skull and body: adult. From the Zoological Society's Collection.

*c, d, e.* Skulls: adult and young. From the Zoological Society's  
Collection.

*f, g.* Skulls. From the Zoological Society's Collection.

*h.* Skeleton.

The GRIVET OR TOTA. **Cercopithecus engythithia.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	26 or 27

\**a.* Skull. S. Africa.

*b.* Skeleton.

*c, d.* Skulls. From the Zoological Society's Collection.

The VERVET. *Cercopithecus pygerythrus*.

Cervical vertebræ.....	7
Dorsal .....	12
Lumbar .....	7
Sacral .....	3
Caudal .....	30

- a.* Skull. From Mr. Warwick's Collection.  
*b.* Skeleton. From Mr. Warwick's Collection.  
*c, d, e.* Skulls: adult and young. From the Zoological Society's Collection.

*Cercopithecus erythrarchus*.

*Peters*, Naturw. Reise nach Mossambique, Säugth. i. p. 1. taf. 1 (skull), 1852.

*Cercopithecus faunus*.

- \**a.* Skull. From Mr. Brandt's Collection.

The MALBROUCK MONKEY. *Cercopithecus cynosurus*.

Cervical vertebræ.....	7
Dorsal .....	12
Lumbar .....	7
Sacral .....	3
Caudal .....	30

- \**a.* Skull. India. Presented by Edward Cross, Esq.  
 \**b.* Skull. India.  
*c.* Skeleton. From Mr. Warwick's Collection.  
*d.* Skull. From the Zoological Society's Collection.

The CALLITHRIX. *Cercopithecus sabæus*.

*Martin*, Mamm. p. 508. fig. 289 (skull).—*Owen*, Odont. pl. 116. fig. 1 (teeth detached), 1840-45.  
*Pithecus sabæus*, *Blainv.*, Ost. Atl. pl. 8 (parts of trunk), pl. 10 (dentition).

Cervical vertebræ.....	7
Dorsal .....	12
Lumbar .....	7
Sacral .....	3
Caudal .....	(?)

- a, b.* Skulls.  
*c.* Skull. From Mr. Hulse's Collection.  
*e.* Skeleton.  
*f-m.* Skulls: adult and young. From the Zoological Society's Collection.  
*n.* Skull: adult. From Dr. A. Günther's Collection.

**Cercopithecus tantomus.**

*a.* Skull. From the Zoological Society's Collection.

The MONA. **Cercopithecus mona.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	26

\**a.* Skull: young. Western Africa.

\**b.* Skull. Western Africa.

*c.* Skeleton. From Mr. Warwick's Collection.

*d.* Skeleton. From Mr. Cross's Collection.

*e, f, g.* Skulls. From the Zoological Society's Collection.

*h.* Skeleton.

The DIANA. **Cercopithecus diana.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	(imperfect.)

\**a.* Skull. From the Zoological Society's Collection.

*b.* Skeleton: young.

The MOUSTACHE MONKEY. **Cercopithecus cephus.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	25

*a, b.* Skulls: adult and young.

*c.* Skeleton.

*d, e.* Skulls: young. From the Zoological Society's Collection.

*f.* Skeleton. From the Zoological Society's Collection.

The BLACK-CHEEKED ASCAGNE. **Cercopithecus melanogenys.**

\**a.* Skull: young. W. Africa.

## The WHITE-NOSED OR VAULTING MONKEY.

**Cercopithecus petaurista.**

Pithecus petaurista, *Blaine.*, Ost. Atl. G. Pithecus, pl. 10 (teeth).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12

Lumbar vertebræ . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	26

\**a, b.* Skulls. W. Africa.

\**c.* Skull: young. From Mr. Brandt's Collection.

*d.* Skeleton. From Mr. Warwick's Collection.

The RED MONKEY. *Cercopithecus ruber*.

Voy. Bonite, pl. 1 (skull).—*G. Fischer*, Anat. des Makis, p. 186. tab. 16 (skull), 1804.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	(?)

*a.* Skull. W. Africa.

*b.* Skeleton.

*c.* Skull. From the Zoological Society's Collection.

*d.* Skeleton. Java. From Mr. Warwick's Collection.

*e, f.* Skulls. From the Zoological Society's Collection.

*g.* Skeleton: adult male.

*h.* Skull. From the Zoological Society's Collection.

*Cercopithecus ochraceus*.

*Peters*, Naturw. reise nach Mossambique, Säugth. i. p. 2. taf. 1. A. (skull), 1852.

*Cercopithecus flavidus*.

*Peters*, Naturw. reise nach Mossambique, Säugth. i. p. 3. taf. 1. B. (skull), 1858.

MONKEY. *Cercopithecus* — ?

*a.* Skeleton. Africa.

MYOPITHECUS.

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The TALAPOIN. *Myopithecus talapoin*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	(?)

*a.* Skeleton: young.

*b.* Skull. From the Zoological Society's Collection.

**CERCOCEBUS.**

Teeth :—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The SOOTY MANGABEY. *Cercocebus fuliginosus*.

\**a.* Skull. Africa.

*b.* Skull. From Mr. Argent's Collection.

*c, d.* Skulls. From the Zoological Society's Collection.

The WHITE-CROWNED MANGABEY. *Cercocebus æthiops*.

*Pithecus æthiops*, *Blainv.*, Ost. Atl. G. *Pithecus*, pl. 10 (teeth).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	(?)

\**a.* Skull. Guinea.

*b.* Skeleton.

\**c.* Skull.

*d.* Skull.

*e.* Skeleton. W. Africa. From Mr. Warwick's Collection.

*f-i.* Skulls. From the Zoological Society's Collection.

*j.* Skeleton.

The GREY-CHEEKED MANGABEY. *Cercocebus albigena*.

*Presbytes albigena*, *Gray*, P. Z. S. 1850, p. 77. pl. 16.

\**a.* Skull. W. Africa. From the Zoological Society's Collection.

**MACACUS.**

Teeth :—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The BRUCH. *Macacus nemestrinus*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	16

*a.* Skeleton. India.

*b.* Skull. From the Zoological Society's Collection.

*c.* Skull: adult. From the Zoological Society's Collection.

*d.* Skull. From the Zoological Society's Collection.

*e.* Skull: young.

*f.* Skull. Mergui, India. Presented by Professor Oldham.

*g-j.* Skulls. From the Zoological Society's Collection.

The MACAQUE. **Macacus cynomolgus.**

*Blainv.*, Ost. Atl. G. Pithecus, pl. 7. figs. 4, 5.—*Spix*, Cephalogenesis, 1815, tab. 6. fig. 6 (skull, adult).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	(?)

*a-f.* Skulls. India.

*g.* Skeleton.

*h-m.* Skulls. From the Zoological Society's Collection.

*n.* Skull.

*o.* Skeleton. From Dr. A. Günther's Collection.

*p, q.* Skulls: male and young. From Dr. A. Günther's Collection.

The ZATI, or CAPPED MACAQUE. **Macacus radiatus.**

*Owen*, Odont. pl. 116. fig. 2 (teeth), 1840-5.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	24 (imperfect.)

*a.* Skull. From the Zoological Society's Collection.

*b.* Skull: white var. From the Zoological Society's Collection.

*c.* Skull. From the Zoological Society's Collection.

*d.* Skull. Presented by Professor Oldham.

*e.* Skeleton. From Mr. Warwick's Collection.

*f.* Skull. From the Zoological Society's Collection.

The MUNGA, or BONNET MONKEY. **Macacus sinicus.**

*Simia sinica*, *Cur.*, Dents des Mamm. p. 18. no. 6.—*G. Fischer*, Anat. des Makis, p. 187. tab. 17 (skull), 1804.

*a-f.* Skulls. From the Zoological Society's Collection.

The RHESUS. **Macacus rhesus.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	20

*a.* Skull of an adult. Nepal. Presented by B. H. Hodgson, Esq.

\**b.* Skeleton of young. Nepal. Presented by B. H. Hodgson, Esq.

*c.* Skeleton of female. Nepal. Presented by B. H. Hodgson, Esq.

\**d.* Skull. India.

- e.* Skull. N. Chaur. From Captain Boys's Collection.  
*f.* Skull: adult. From the Zoological Society's Collection.  
*g.* Skeleton: adult ♂.  
*h.* Skull. Bengal. Presented by Professor Oldham.  
*i-m.* Skulls. From the Zoological Society's Collection.  
*n.* Skull. Assam. From the Zoological Society's Collection.  
*o.* Skull.  
*p.* Skull. Kashmir. Presented by Professor Oldham.—*Macacus pelops*, Hodgs.  
*q, r.* Skull. Nepal. Presented by B. H. Hodgson, Esq.  
*s.* Skull. Mauritius. From the Zoological Society's Collection.

The BRILLIANT MACAQUE. **Macacus speciosus.**

*Temm.*, Fauna Japonica, pl. 2. figs. 1-6 (skulls, adult and young).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	11

- a.* Skeleton. Japan. From Mr. Warwick's Collection.

The MAGOT. **Macacus inuus.**

*Blainv.*, Ost. Atl. G. Pithecus, pl. 10 (teeth).—*Audebert*, Maki, p. 4, pl. 1. fig. 4 (skull).—*Chem.*, Encyclop. d'Hist. Nat. p. 153. fig. 124 (sternum).

*Cynocephalus natator*, *Fischer*, Craniol. Comp. Tab. (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	3

- a.* Skull.  
*b-d.* Skeletons. From the Zoological Society's Collection.  
*e.* Skull: young. From Dr. A. Günther's Collection.  
*f.* Skeleton: young. From the Zoological Society's Collection.

**Macacus melanotis.**

- \**a.* Skull. Cuba. From the Zoological Society's Collection.

**Macacus arctoides.**

*Isid. Geoff. St.-Hilaire*, Zool. du Voy. de Bélanger, 1830.—*Chem.*, Encyclop. d'Hist. Nat. p. 148. fig. 118 (skull).—*Blainv.*, Ost. Atl. pl. 8 (skull).



## CYNOPITHECUS.

Teeth :—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

The BLACK MACAQUE. *Cynopithecus niger*.

*Isid. Geoff. St.-Hilaire*, Voy. de l'Astrolabe, pl. 7 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	(?)

\*a. Skull of adult. Celebes.

\*b. Skull of young. Philippines.

c. Skull. From the Zoological Society's Collection.

d. Skeleton: young. From the Zoological Society's Collection.

e, f. Skulls. From the Zoological Society's Collection.

g. Skull. Celebes.

## SILENUS.

Teeth :—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

The WANDEROO. *Silenus veter*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	16

\*a. Skull and body. From the Zoological Society's Collection.

b. Skeleton. From Mr. Warwiek's Collection.

c. Skeleton. From the Zoological Society's Collection.

d, e. Skulls. From the Zoological Society's Collection.

## GELADA.

Teeth :—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

The GELADA. *Gelada rüppellii*.

*Macacus gelada*, *Rüppell*, Faun. Abyss. taf. 1 (skull).

*Theropithecus gelada*, *Is. Geoff. St.-Hilaire*, Arch. du Mus. 1843.—  
*Dahlbom*, Zoologiska Studier, pl. 6. figs. 17, 19 (skull), 1857.

\*a. Skull. Abyssinia.

## PAPIO.

Teeth :—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

The MANDRIL. **Papio maimon.**

*Latr.* in Buff. Hist. Nat.—*Martin*, Mamm. p. 346. fig. 243 (skeleton).  
*Simia papionis mormonis*, *Spir.*, Cephalogenesis, tab. 6. fig. 7 (skull,  
 adult), 1815.

*Simia maimon*, *Audebert*, Makis, pl. 1. fig. 6 (skull), 1801.

*Pithecus maimon*, *Blainv.*, Ost. Atl. G. *Pithecus*, pl. 10 (teeth).

*Cynocephalus mormon*, *Desm.*, Nouv. Dict. xix. p. 178.—*Owen*, Odont.  
 pl. 116. fig. 4 (dentition), 1840-45.—*Dahlbom*, Zoologiska Studier,  
 pl. 6. figs. 18, 20 (skull).

*a, b.* Skull of adult.

\**c.* Cast of skull.

*d.* Skull and body.

*e.* Skull: lower jaw wanting.

*f.* Skeleton: young.

The DRILL. **Papio leucophæa.**

*a, b.* Skulls. From the Zoological Society's Collection.

## CYNOCEPHALUS.

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The ANUBIS. **Cynocephalus anubis.**

\**a.* Skull. Africa.

*b.* Skull. From the Zoological Society's Collection.

The TARTARIN. **Cynocephalus hamadryas.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	21

*a.* Skeleton. Abyssinia. From Mr. Wombwell's Collection.

\**b.* Skull. Arabia. From the Zoological Society's Collection.

The THOTH. **Cynocephalus thoth.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	20 (imperfect).

\**a.* Skull and body. From the Zoological Society's Collection.

The PAPION. *Cynocephalus sphinx*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	18 (imperfect).

\**a.* Skull. Guinea.

*b.* Skull: young. From Mr. Bartlett's Collection.

*c.* Skeleton: young. From Mr. Warwick's Collection.

*d-g.* Skulls. From the Zoological Society's Collection.

The CHACMA. *Cynocephalus porcarius*.

*Pithecus porcarius*, *Blainv.*, Ost. Atl. G. *Pithecus*, pl. 4 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	25

*a.* Skull. S. Africa.

*b.* Skull: adult. From Mr. Argent's Collection.

*c.* Skull. From Mr. Warwick's Collection.

*d, e.* Skeletons. From the Zoological Society's Collection.

*f-i.* Skulls. From the Zoological Society's Collection.

*j, k.* Skulls: young.

The BABOON. *Cynocephalus babouin*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	24

*a.* Skull. West Africa.

*b.* Skull. From the Zoological Society's Collection.

*c.* Skeleton. From the Zoological Society's Collection.

*Cynocephalus choras*.

*a, b.* Skulls. From the Zoological Society's Collection.

## Fam. 3. CEBIDÆ.

## ATELES.

Teeth :—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 36.

The CHAMECK. *Ateles chameck.*

*Ateles pentadactylus*, Geoff.—*Blainv.*, Ost. Atl. G. Cebus, pl. 6 (skull, young).—*Laurent et Bazin*, Ann. d'Anat. et de Phys. pl. 1. 8. fig. 5 (dentition).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	4
Sacral . . . . .	3
Caudal . . . . .	33

- a.* Skull. From the Zoological Society's Collection.  
*b.* Skeleton. From the Zoological Society's Collection.  
*c, d.* Skulls. From the Zoological Society's Collection.

The WAITA. *Ateles paniscus.*

*Spir*, Sim. Bras. pl. 38. fig. 5 (skull).

The CHIWA. *Ateles marginatus.*

- a.* Skull. District of Quito. From Mr. Bates's Collection.  
*b.* Skull. Near the River Cupai (branch of the Amazon), 800 miles from the sea. From Mr. Bates's Collection.

The MAIMONDA. *Ateles belzebuth.*

*Blainv.*, Ost. Atl. G. Cebus, pl. 1 (skeleton).—*Chem*, Encyclop. d'Hist. Nat. p. 197. pl. 27 (skeleton, male).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	4
Sacral . . . . .	3
Caudal . . . . .	33

- \**a.* Skull. Brazils. Presented by Edward Cross, Esq.  
*b.* Skull. Brazils.  
*c.* Skull. From Mr. Stevens's sale-rooms.  
*d.* Skeleton. From the Zoological Society's Collection.

The BLACK SPIDER MONKEY. *Ateles ater.*

- a.* Skull. From the Zoological Society's Collection.  
*b.* Skull: young. From the Zoological Society's Collection.  
*c.* Skull. From the Zoological Society's Collection.

THE BROWN SPIDER MONKEY. *Ateles hybridus*.\**a.* Skull. South America.THE GREY WAITA. *Ateles geoffroyii*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	4
Sacral . . . . .	3
Caudal . . . . .	33

\**a.* Skull. Caraccas. From M. Sallé's Collection.*b.* Skeleton.\**c.* Skull. Presented by Capt. Kellett and Lieut. Wood.THE BLACK-HANDED WAITA. *Ateles melanochir*.*a.* Skull. From the Zoological Society's Collection.

## BRACHYTELES.

Teeth :—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 36.THE MIRIKI. *Brachyteles hypoxanthus*.*Brachyteles macrotarsus*, *Spix*, Sim. Bras. pl. 38. fig. 6 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	5
Sacral . . . . .	3
Caudal . . . . .	26 (imperfect).

*a.* Skeleton. From Mr. Brandt's Collection.*b, c.* Skulls.THE THUMBED MIRIKI. *Brachyteles hemidactylus*.\**a.* Skull. South America.THE FIVE-FINGERED MIRIKI. *Brachyteles arachnoides*.*Blainv.*, Ost. Atl. G. Cebus, pl. 5 (skull).

## LAGOTHRIX.

Teeth :—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 36.

The CAPARRO OF NEGRO MONKEY. *Lagothrix humboldtii*.*Spir*, Sim. Bras. tab. 37. fig. 7 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	4
Sacral . . . . .	3
Caudal . . . . .	30

*\*a.* Skull. Brazils.*b, c.* Skulls. Brazils. From the Zoological Society's Collection.*d.* Skeleton. Brazils. From the Zoological Society's Collection.*e.* Skull. District of Quito. From Mr. Bates's Collection.

## MYCETES.

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 36.The GOLDEN HOWLER. *Mycetes seniculus*.*Chemu*, Encyclop. d'Hist. Nat. p. 181. fig. 150 (skull), fig. 149 (os hyoide).—*Dahlbom*, Zoologiska Studier, pl. 6. figs. 21, 21*b* (os hyoide), 1857.—*Audebert*, Makis, p. 8. pl. 2. figs. 1, 2 (os hyoide), pl. 2. fig. 4 (skull), 1801.*Mycetes fuscus*, *Kühl*.—*Spir*, Sim. Bras. pl. 38. fig. 8 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	3
Caudal . . . . .	27

*\*a.* Skeleton: male. S. America.*\*b, c.* Skulls: male and female. Bolivia. From Mr. Bridges' Collection.*d.* Skull. Rio Negro. From Mr. Stevens's Collection.The ARAGUATA OF BROWN HOWLER. *Mycetes ursinus*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	3
Caudal . . . . .	19 (imperfect).

*\*a.* Skull. Brazils.*b.* Skull.*c.* Skeleton. From Mr. Brandt's Collection.*d, e.* Skulls.*f.* Skull: male. From Mr. Brandt's Collection.

The SILKY HOWLER. *Mycetes laniger*.

- \**a.* Skull. Columbia.  
 \**b.* Skull. Brazils.

The BLACK HOWLER. *Mycetes niger*.

- \**a.* Skull: male. Bolivia. From Mr. Bridges' Collection.  
*b.* Skull: female. Bolivia. From Mr. Bridges' Collection.  
*c.* Skull. Bolivia. From Mr. Bridges' Collection.  
*d.* Skull. From Mr. Stevens's Collection.  
*e.* Skull: female.  
 \**f.* Skull.

The BLACK AND YELLOW HOWLER. *Mycetes bicolor*.

- \**a.* Skull. South America.  
*b.* Hyoid bone. South America.  
*c.* Skull. Para. Presented by J. P. G. Smith, Esq.

The GUARIBA OR YELLOW-HANDED HOWLER. *Mycetes beelzebul*.

- a.* Skull. Para (South America). Presented by R. Graham, Esq.  
*b.* Skull. Para (South America). Presented by R. Graham, Esq.

The MANTLED HOWLER. *Mycetes palliatus*.

- \**a.* Skull. Caraccas. From M. Sallé's Collection.—The specimen figured in P. Z. S. 1848, p. 138. pl. 6.

The CARAYA OR BLACK HOWLER. *Mycetes caraya*.

*Mycetes barbatus*, *Spix*, Sim. Bras. pl. 38. fig. 9 (skull).

## CEBUS.

Teeth:—Inisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 36.

The MONK. *Cebus monachus*.

- \**a.* Skull. South America.  
 \**b.* Skull. Paraguay.  
*c.* Skull. From Mr. Brandt's Collection.  
*d.* Skull. From the Zoological Society's Collection.  
*e.* Skull.  
*f.* Skull. From the Zoological Society's Collection.

The LARGER MONK. *Cebus robustus*.

*Laurent et Bazin*, Ann. d'Anat. et de Phys. pl. 1. 8. fig. 6 (dentition).

The KAITE OR HORNED CAPUCHIN. *Cebus fatuellus*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	3
Caudal . . . . .	26

- a.* Skull. From Mr. Bartlett's Collection.  
*b.* Skeleton. From Mr. Cross's Collection.  
*c.* Skull. From Mr. Brandt's Collection.  
*d.* Skeleton. From Mr. Warwick's Collection.  
*e.* Skull. From the Zoological Society's Collection.  
*f.* Skull.  
*g.* Skull.  
*h.* Skull. From the Zoological Society's Collection.

The TUFTED CAPUCHIN. *Cebus cirrifer*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	3
Caudal . . . . .	20 (imperfect).

- a.* Skeleton. S. America.  
*b, c, d.* Skulls. From Mr. Stevens's Collection.  
*e.* Skeleton. From the Zoological Society's Collection.  
*f.* Skull. Surinam. From Dr. A. Günther's Collection.—*Cebus niger*, Geoff.

The CAPUCHIN. *Cebus apella*.

*Blainv.*, Ost. Atl. G. *Cebus*, pl. 2 (skeleton), pl. 9 (teeth).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	3
Caudal . . . . .	27

- a.* Skeleton. From Mr. Warwick's Collection.  
*b.* Skeleton. From Mr. Brandt's Collection.  
*c.* Skull. From the Zoological Society's Collection.  
*d.* Skull. From Mr. Brandt's Collection.  
*e.* Skull: young female. From Mr. Stevens's Collection.

The WHITE-FRONTED CAPUCHIN. *Cebus albifrons*.

- a.* Skull: young. From the Zoological Society's Collection.  
*b.* Skull: young. From the Zoological Society's Collection.  
*c.* Skull: very young. From the Zoological Society's Collection.



The SAI OR WEEPER. *Cebus capucinus*.

Owen, Odont. pl. 114. fig. 9 (teeth detached).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	3
Caudal . . . . .	(?)

a. Skeleton: young.

b, c. Skulls: young. From the Zoological Society's Collection.

\*d. Skull: young.

The WHITE-HEADED SAPAGOU. *Cebus hypoleucus*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	30

a. Skull. S. America.

b. Skeleton. From the Zoological Society's Collection.

c. Skull. From the Zoological Society's Collection.

The GOLDEN-HANDED SAPAGOU. *Cebus chrysopus*.

a. Skeleton. From Mr. Warwick's Collection.

The LARGE-HEADED SAPAGOU. *Cebus macrocephalus*.

a. Skull. From the Zoological Society's Collection.

SPIX'S SAPAGOU. *Cebus libidinosus*.

*Spix*, Sim. Bras. pl. 37. fig. 11 (skull).

The GREY SAPAGOU. *Cebus griseus*.

Le Sapajou gris, *Buffon*, Hist. Nat. xv. pl. 7 (skeleton).

## CALLITHRIX.

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 36.

The SAHUASSU OR MARKED TEE-TEE. *Callithrix personatus*.

*Cebus personatus*, *Blainv.*, Ost. Atl. G. *Cebus*, pl. 6 (skull).

a, b, c. Skulls. S. America.

d. Skeleton. Brazils. From Mr. Brandt's Collection.

The REED TEE-TEE. **Callithrix donacophilus.**

\**a, b, c.* Skulls. Bolivia. From Mr. Bridges' Collection.

The WHITE-HANDED TEE-TEE. **Callithrix moloch.**

*a.* Skull. Brazils.

The BLACK-HANDED TEE-TEE. **Callithrix melanochir.**

*a.* Skeleton. From Mr. Brandt's Collection.

The COLLARED TEE-TEE. **Callithrix torquatus.**

*Callithrix amictus*, *Spix*, Sim. Bras. pl. 38. fig. 1 (skull).

\**a.* Skull. S. America. From Mr. Stevens's Collection.

The COPPER TEE-TEE. **Callithrix cupreus.**

*Spix*, Sim. Bras. pl. 38. fig. 3 (skull).

The BLACK-FRONTED TEE-TEE. **Callithrix nigrifrons.**

*Spix*, Sim. Bras. pl. 38. fig. 1 (skull).

SIAMIRIS.

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 36.

The BOLIVIAN TEE-TEE. **Siamiris entomophagus.**

*Chenu*, Encyclop. d'Hist. Nat. p. 216. fig. 177 (skull).

*Chrysothrix entomophagus*, *D'Orbigny*, Voy. ix. pl. 4 (skull).

\**a, b.* Bolivia. From Mr. Bridges' Collection.

*c.* Voyage of H.M.S. Herald. Presented by Capt. Kellett and Lieut. Wood.

The TEE-TEE. **Siamiris sciureus.**

*Siniæ sciuræ*, *Spix*, Cephalogenesis, tab. 6. figs. 8-11 (skull), 1815.

*Cebus sciureus*, *Blainv.*, Ost. Atl. G. Cebus, pl. 6 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	27

\**a.* Skull. Para. Presented by R. Graham, Esq.

*b.* Skeleton. From the Zoological Society's Collection.

*c.* Skull. Para. Presented by J. P. G. Smith, Esq.

*d.* Skull. District of Quito. From Mr. Stevens's Collection.

**Siamiris ustus.**

*Isid. Geoff.*, Voy. de la Vénus, p. 96, pl. 2. figs. 4, 5 (skull), 1855.

**OUAKARIA.**

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =36.

**Ouakaria calvus.**

Cervical vertebræ.....	7
Dorsal .....	13
Lumbar .....	6
Sacral .....	3
Caudal .....	18

\**a.* Skull. Near the River Amazon. Presented by M. E. Bourcier.  
*b.* Skeleton. From Mr. Bartlett's Collection.

**Ouakaria spixii.**

Cervical vertebræ.....	7
Dorsal .....	13
Lumbar .....	6
Sacral .....	3
Caudal .....	18

*a.* Skeleton. Presented by the Zoological Society.

**PITHECIA.**

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =36.

The WHISKERED YARKE. **Pithecia pogonias.**

\**a.* Skull; very young. From Mr. Bartlett's Collection.

The YARKE. **Pithecia irrorata.**

\**a.* Skull. Rio Negro. From Mr. Stevens's Collection.

**Pithecia — ?**

*a.* Skull. Rio Negro. From Mr. Stevens's Collection.

**Pithecia albicans.**

\**a.* Skull. Upper Amazons.

**NYCTIPITHECUS.**

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =36.

The VITOE. **Nyctipithecus felinus.***Isid. Geoff.*, Voy. de la Vénus, pl. 3. figs. 10-13 (skull).

Cervical vertebræ.....	7
Dorsal .....	13
Lumbar.....	6
Sacral .....	3
Caudal .....	18

\**a.* Skull. Santa Fé de Bogota.\**b.* Skull. Bolivia. From Mr. Bridges' Collection.*c.* Skeleton. From the Zoological Society's Collection.*d.* Skull. District of Quito; Rio Napo. From Mr. Stevens's Collection.The DOUBROUCOULI. **Nyctipithecus trivirgatus.***Cebus trivirgatus*, *Blainv.*, Ost. Atl. G. *Cebus*, pl. 6 (skull).The HAIRY VITOE. **Nyctipithecus villosus.**\**a.* Skull. Santa Fé de Bogota.\***Nyctipithecus lemurinus.***Isid. Geoff.*, Voy. de la Vénus, pl. 3. figs. 3-9 (skull).

## JACCHUS.

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{2-2}{2-2}$ ; =32.The PINCHE. **Jacchus œdipus.***Hapale œdipus*, *Blainv.*, Ost. Atl. G. *Cebus*, pl. 4 (skeleton).

Cervical vertebræ.....	7
Dorsal .....	13
Lumbar.....	6
Sacral .....	3
Caudal .....	33

*a.* Skull. Brazils.*b.* Skeleton. From the Zoological Society's Collection.The RED-BELLIED MARMOSET. **Jacchus rufiventer.**\**a.* Skull. South America.The MARMOSET. **Jacchus vulgaris.***Owen*, *Odont.* p. 114. fig. 8 (teeth), 1840-5.

Cervical vertebræ.....	7
Dorsal .....	13

Lumbar vertebræ . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	27 or 28

*a.* Skeleton. From Mr. Brandt's Collection.

*b, c.* Skulls, ♂ ♀. From Dr. A. Günther's Collection.

The GNICK OR BLACK-EARED MARMOSET. **Jacchus penicillatus.**

\**a.* Skull. Brazils.

The WHITE-EARED MARMOSET. **Jacchus auritus.**

Corvical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	28

\**a.* Skull. Brazils.

\**b.* Skull. South America.

*c.* Skull. From Mr. Stevens's sale-rooms.

*d, e.* Skeletons. From the Zoological Society's Collection.

The BLACK-TAILED JACCHUS. **Jacchus melanurus.**

\**a.* Skull. Bolivia. From Mr. Bridges' Collection.

**Jacchus mystax.**

*Spix*, Sim. Bras. pl. 38. fig. 4 (skull).

\**a.* Skull. Brazils. From M. Parzudaki's Collection.

The MARIKINA. **Jacchus rosalia.**

*a.* Skeleton (head wanting). From the Zoological Society's Collection.

The WHITE-NECKED MARMOSET. **Jacchus bicolor.**

\**a.* Skull. Rio Negro. From Mr. Stevens's Collection.

Fam. 4. LEMURIDÆ.

**LEMUR.**

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 36.

The RING-TAILED MACACO. **Lemur catta.**

*Spix*, Cephalog. tab. 6. fig. 9 (skull), 1815.—*Owen*, Odont. pl. 114. fig. 5 (teeth).

*G. Fischer*, Anat. des Makis, tab. 13 (skeleton), tab. 14 (section of skull showing the interior of the brain-case), tab. 15 (feet, &c.), 1804.

Mococo, *Buff.*, Hist. Nat. xiii. p. 174 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	28

*a.* Skeleton. Madagascar.

*b, c.* Skulls. From the Zoological Society's Collection.

*d.* Skeleton. From the Zoological Society's Collection.

### PROSIMIA.

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =36.

#### The RED LEMUR. *Prosimia rubra*.

*a.* Skull. Madagascar. From the Zoological Society's Collection.

*b.* Skull. Madagascar. Presented by the India Board.

#### The RUFFED LEMUR. *Prosimia macaco*.

*Blainv.*, Ost. Atl. G. Lemur, pl. 3 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	20 (imperfect).

*a.* Skull. From the Zoological Society's Collection.

*b.* Skeleton. From the Zoological Society's Collection.

#### The COLLARED LEMUR. *Prosimia collaris*.

\**a.* Skull.

#### *Prosimia furcifer*.

Lemur furcifer, *Blainv.*, Ost. Atl. G. Lemur, pl. 7 (skull).

#### The WHITE-FRONTED LEMUR. *Prosimia albifrons*.

Lemur albifrons, *Geoff. St.-H.*, Mém. sur les Makis, 1796.—*Blainv.*, Ost. Atl. G. Lemur, pl. 7 (skull).

*Van der Hoeren*, Tydschr. voor Nat. Gesch. xi. pl. 11. fig. 2 (skull).

*a, b.* Skulls. From the Zoological Society's Collection.

*c.* Skull. From Mr. Bartlett's Collection.

THE BLACK-FRONTED LEMUR. *Prosimia nigrifrons*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	28 or 29

\**a.* Skull. Madagascar.

*b.* Skull. Madagascar.

*c.* Skeleton.

*d, e.* Skulls.

*Prosimia mongoz*.

Lemur *mongoz*, *Linn.*—*Peters*, Naturw. reise nach Mossambique, Säugth. i. pl. 4. fig. 12 (dentition), 1852.

*Prosimia xanthomystax*.

\**a, b.* Skulls. From the Zoological Society's Collection.

## TARSII.

Teeth :—Incisors  $\frac{2-2}{1-1}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =34.

THE TARSII. *Tarsius spectrum*.

*Blainv.*, Ost. Atl. G. Lemur, pl. 1 (skull).—*Van der Hoevern*, Tydschr. voor Nat. Gesch. xi. pl. 1. fig. 7 (skull).—*Owen*, Odont. pl. 114, fig. 3, 1804-5.—*Dahlbom*, Zool. Stud. pl. 11. fig. 36 (skeleton), 1854.

*Tarsius Pallasii*, *Geoff.*—*G. Fischer*, Anat. des Makis, p. 36. tab. 4 (skeleton and skull), tab. 5 (sections of skull showing the interior of brain-case, and fore-arm), 1801-4.

*Tarsius Daubentonii*, *Audebert*, p. 29. fig. 1.—*G. Fischer*, Anat. des Makis, p. 37. tab. 6 (skull, trunk, &c.), 1801-4.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	29 or 30

*a.* Skull: the lower jaw wanting. From the Zoological Society's Collection.

*b.* Skeleton. Borneo.

## DAUBENTONIA.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{3-3}$ ; =18.

THE AYE-AYE. *Daubentonia madagascariensis*.

*Pander d'Alton*, Vergl. Osteol. pl. 5. *d* (teeth).—*Owen*, Odont. pl. 114. fig. 2 (teeth).—*Chenu*, Encyclop. d'Hist. Nat. p. 281 (hands).

*Cheiromys aye-aye*, *F. Cur.*, Dents des Mamm. p. 146. pl. 45 (dentition).—*Cur.*, Règne Anim. iv. pl. 11. figs. 1, 2, 3 (head); Oss. Foss. v. p. 27.

*Lemur psilodactylus*, *Blainv.*, Ost. Atl. pl. 5 (skull and limbs); Osteog. p. 1.

*Daubentonia madagascariensis*, *Geoff.*, Decad. Philos. 1795.—*Gervais*, Hist. Nat. Mamm. 1854.—*Dahlbom*, Zoologiska Studier, 234. tab. 12. figs. 39, 40 (skull and section of the lower jaw), 1857.

a. Skeleton. Madagascar.

### PERODICTICUS.

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 36.

#### The POTTO. *Perodicticus potto*.

*Van der Hoeren*, Tydschr. voor Nat. Gesch. xi. pl. 1. fig. 3 (skull), 1844.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	16
Lumbar . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	18

a. Skeleton.

b. Skull. E. Africa.

c. Skull.

### NYCTICEBUS.

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 36.

#### The KUKANG. *Nycticebus javanicus*.

*Lemur tardigradus*, *Lin.*—*Blainv.*, Ost. Atl. G. Lemur, pl. 2 (skeleton).  
*Stenops javanicus*, *Van der Hoeren*, pl. 7 (skeleton), figs. 2, 2 b, c (skulls).

*Stenops tardigradus*, *Owen*, Odont. pl. 114. fig. 4 (teeth), 1840-5.

*Loris pousseux*, *Cur.*, Règne Anim. i. p. 118.—*Chenu*, Encyclop. d'Hist. Nat. p. 273. pl. 36 (skeleton).

\*a. Skull. Madagascar.

b. Skeleton. From Mr. Warwick's Collection.

c. Skull: lower jaw wanting. From the Zoological Society's Collection.

\*d. Skull.

### OTOLICNUS.

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 36.

#### *Otolicnus garnettii*.

\*a. Skull. Port Natal. From Mr. Warwick's Collection.

\*b. Skull. Port Natal. From the Zoological Society's Collection.



The GRAND GALAGO. *Otolicnus crassicaudatus*.

*Peters*, Naturw. reise nach Mossambique, Säugth. i. p. 5. tab. 4 (skull), 1858.

Lemur crassicaudatus, *Blainv.*, Ost. Atl. G. Lemur, pl. 7 (skull).

Galago crassicaudatus, *Dahlbom*, Zoologiska Studier, pl. 8. fig. 30 (skull), 1857.

## GALAGO.

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 36.

The MAHOLI. *Galago maholi*.

\*a. Skull. S. Africa.

\*b. Skull.

c. Skull. S. Africa. Presented by Sir A. Smith.

The SENEGAL GALAGO. *Galago senegalensis*.

*Otolicnus senegalensis*, *Geoff.*—*Gervais.*—*Castelnau*, Amérique du Sud, p. 11. pl. 4. figs. 10, 11 (skull), 1858.

\*a. Skull.

The BLACK GALAGO. *Galago alleni*.

a. Skull. Fernando Po. Presented by Thomas Thomson, Esq., R.N.

b. Skull. Niger Expedition. From Mr. Fraser's Collection.

The LITTLE GALAGO. *Galago minor*.

\*a. Skull. From the Zoological Society's Collection.

*Galago murinus*.

*Murray*, Edinb. Phil. Journ., new series, vol. x. pl. 11 (dentition).

## HEMIGALAGO.

*Hemigalago demidoffii*.

*Dahlbom*, Zoologiska Studier, p. 230. pl. 10. fig. 35a (teeth), 1857.

## MICROCEBUS.

*Microcebus myopinus*.

*Peters*, Naturw. reise nach Mossambique, Säugth. i. p. 14. pl. 4. figs. 6-9 (skull).

a. Skull, without lower jaw. Niger Expedition. From Mr. Fraser's Collection.

## LORIS.

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 36.

The LORIS. *Loris gracilis*.

*Blainr.*, Ost. Atl. G. Lemur, pl. 7 (skull).—*Van der Hoeven*, Tijdschr. voor Nat. Gesch. ii. pl. 1. fig. 4 (skull).—*Chenu*, Encyclop. d'Hist. Nat. p. 227. fig. 223.—*G. Fischer*, Anat. des Makis, p. 192. tab. 22 (skeleton), 1804.

*Loris ceylonicus*, *G. Fischer*, Anat. des Makis, pl. 7 (skeleton), pl. 8 (section of skull, showing the interior of the brain-case), pl. 9 (trunk and limbs), pl. 10 (limbs and pelvis), pl. 11 (skulls), pl. 12 (trunk, &c.), 1804.—*Dahlbom*, Zoologiska Studier, tab. 9. fig. 34 (skeleton), 1857.

*Loris*, *Buffon*, Hist. Nat. xiii. p. 224. pl. 32 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	9
Sacral . . . . .	3
Caudal . . . . .	7 or 8

\*a. Skull. Ceylon.

b. Skeleton. Ceylon. From Mr. Warwick's Collection.

c. Skeleton. Ceylon. From Mr. Brandt's Collection.

d-f. Skulls. From the Zoological Society's Collection.

## INDRIS.

Teeth:—Incisors  $\frac{2-2}{1-1}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 30.

The INDRI. *Indris brevicaudatus*.

*Dahlbom*, Zoologiska Studier, p. 20. pl. 8. fig. 29 (skull), 1857.

*Lichanotus indri* ♀, *Blainr.*, Ost. Atl. pl. 4 (skeleton), pl. 8 (skull).

—*Van der Hoeven*, Tijdschrift, 1844, xi. pl. 1. fig. 5 (skull).

\*a. Skull and bones of the body. Madagascar.

The INDRI or AVAHI. *Indris laniger*.

*Lichanotus laniger*, *Gmel.*—*Owen*, Odont. pl. 114. fig. 6 (teeth), 1840-5.

*Avahi laniger*, *Jourdan.*—*Chenu*, Encycl. d'Hist. Nat. p. 22. fig. 22 (skull).

*Lichanotus avahi*, *Van der Hoeven*, Tijdschrift, 1844, xi. pl. 1. fig. 6 (skull).

## CHEIROGALEUS.

*Cheirogaleus griseus*.

*Van der Hoeven*, Tijdschrift, 1844, xi. pl. 1. fig. 1a, b (skull).

**Cheirogaleus milii.**

*Dahlbom*, Zoologiska Studier, p. 223. pl. 8. figs. 32, 32a (skulls), 1857.

## Fam. 5. GALEOPITHECIDÆ.

**GALEOPITHECUS.**

Teeth:—Incisors  $\frac{2-2}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 34.

The COLUGO. **Galeopithecus volans.**

*Shaw*.—*Cuv.*, Anat. Comp. v. p. 299. pl. 1 (skeleton), 1805; Dents des Mamm. p. 41. no. 14 (teeth).—*Blainv.*, Ost. Atl. G. Lemur, pl. 6 (skeleton), pl. 8 (skull), pl. 9 (trunk), pl. 10 (limbs), pl. 11 (teeth).—*Waterhouse*, Trans. Zool. Soc. ii. p. 342. pl. 58. fig. 1e (skulls).—*Spix*, Cephalogenesis, tab. 6 (skeleton).—*Van der Hoeven*, Der Platen, fig. 11 (skull).—*Owen*, Odont. p. 433. pl. 114. fig. 1 (teeth), 1840-45.—*G. Fischer*, Anat. des Makis, p. 163. tab. 18. fig. 2 (skull), 1804.—*Schreb.*, Säugth. pl. 307. figs. 1-4 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	3
Caudal . . . . .	15 (imperfect).

a. Skeleton. Malacca.

b, c. Skulls. Malacca.

d. Skull: young.

e, f. Skeletons: adult and young. Malacca. From Mr. Warwick's Collection.

g. Skull.

h-j. Skulls. Borneo. From the Zoological Society's Collection.—*Galeopithecus temminckii*, Waterh. The specimens figured and described in Trans. Zool. Soc. vol. ii. p. 342. pl. 58. fig. 1e.

k. Skull. From the Zoological Society's Collection.

l. Skull: young.

**Galeopithecus philippinensis.**

a-d. Skulls. Philippine Islands. From the Zoological Society's Collection.—The original specimens figured and described in Trans. Zool. Soc. vol. ii. p. 342. pl. 58.

## Fam. 6. VESPERTILIONIDÆ.

**STURNIRA.**

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

**Sturnira spectrum.**

*Sturnira lilium*, *Gervais*.—*Castelnaud*, Amérique du Sud, p. 39. pl. 9. fig. 6 (dentition), fig. 6a (skull), 1855.

- \*a. Skull. Bahia. Presented by Francis de Castelnaud, Esq.  
 \*b. Skull. From Mr. Dyson's Collection.

**Sturnira chilensis.**

*Gervais*.—*Castelnaud*, Amérique du Sud, p. 39. pl. 9. fig. 5 (skull), 1855.  
*Stenoderma chilensis*, *Gay*, Hist. de Chile, Mamm. fig. 1b, c (skull and dentition).

**ARCTIBEUS.**

Teeth :—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{2-2}{3-3}$ ; =30.

The JAMAICA ARCTIBEUS. **Arctibeus jamaicensis.**

? *Gervais*.—*Castelnaud*, Amérique du Sud, p. 35. pl. 9. fig. 2 (skull), 1855.

*Stenoderma jamaicense*, *Blainv.*, Ost. Atl. Cheirop. p. 101. pl. 7 (skull).

- a. Skull. Jamaica. Presented by J. S. Redman, Esq.

The SICKLE ARCTIBEUS. **Arctibeus falcatus.**

- \*a. Skull. Bolivia. From Mr. Bridges' Collection.

**Arctibeus pictus.**

- \*a. Skull.

**Arctibeus undatus.**

*Gervais*.—*Castelnaud*, Amérique du Sud, p. 35. pl. 9. fig. 3 (dentition).

**Arctibeus lineatus.**

*Gervais*.—*Castelnaud*, Amérique du Sud, p. 35. pl. 10. fig. 2 (dentition), 1855.

**DERMANURA.****Dermanura cinereum.**

*Gervais*.—*Castelnaud*, Amérique du Sud, p. 36. pl. 9. fig. 4 (dentition), fig. 4a (skull).

**VAMPYRUS.**

Teeth :—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =34.

The PALE VAMPIRE. *Vampyrus spectrum*.

*Leach*.—*Blainv.*, Ost. Atl. Cheirop. p. 100. pl. 3 (skeleton).—*Gervais*.—*Castelnau*, Amérique du Sud, p. 46. pl. 10. fig. 7 (dentition), 1855.

a. Skull. Jamaica. Presented by J. S. Redman, Esq.

*Vampyrus (Lophostoma) auritus*.

*Peters*, Abhandl. der Königl. Akad. der Wissenschaften, taf. 1. figs. 3-5 (dentition), 1857.

HEMIDERMA.

Teeth :—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

*Hemiderma brevicaudatum*.

*Gervais*.—*Castelnau*, Amérique du Sud, p. 43. pl. 9. fig. 8 (dentition), fig. 8a (skull), 1855.

*Vespertilio soricinus*, *Pallas*.—*Spix*, Zool. i. p. 24. tab. 4. fig. 1 (skeleton), 1776.

*Phyllostoma grayii*, *Waterhouse*, Voy. of the Beagle, pl. 35. fig. 2a-2 (skull and teeth), 1838-9.

\*a, b. Skulls. Bolivia. From Mr. Bridges' Collection.

\*c. Skull. Bahia. Presented by Francis de Castelnau, Esq.

PHYLLOSTOMA.

The JAVELIN PHYLLOSTOMA. *Phyllostoma hastatum*.

*Geoff*.—*D'Alton*, Vergleichende Osteologie, pl. 8 (skeleton).—*Blainv.*, Ost. Atl. Cheirop. p. 100. pl. 7 (skull).—*Owen*, Odont. pl. 112. fig. 8 (skull).

*Pteroderma perspicillatum*, *Gervais*.—*Castelnau*, Amérique du Sud, p. 34. pl. 8. fig. 7a (teeth), 1855.

*Phyllostoma elongatum*.

*E. Geoffroy*, Ann. du Mus. xv. p. 182. pl. 9.—*Gervais*.—*Castelnau*, Amérique du Sud, p. 47. pl. 10. fig. 5 (dentition), fig. 5a (skull).

The SORICINE PHYLLOSTOME. *Phyllostoma soricinum*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	5
Sacral . . . . .	2
Caudal . . . . .	4

a. Pernambuco. Presented by J. P. G. Smith, Esq.

**TYLOSTOMA.****Tylostoma bidens.**

*Gervais.*—*Castelnaud*, Amérique du Sud, p. 49. pl. 8. fig. 3 (teeth).

**Tylostoma crenulatum.**

*Gervais.*—*Castelnaud*, Amérique du Sud, p. 49. pl. 8. fig. 9a (teeth).

**CAROLLIA.**

Teeth :—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

**Carollia verrucosa.**

\*a. Skull.

**LOPHOSTOMA.****Lophostoma silvicola.**

*D'Orb.*, Voy. ix. pl. 4 (skull).

**SCHIZASTOMA.****Schizastoma minutum.**

*Gervais.*—*Castelnaud*, Amérique du Sud, p. 50. pl. 10. fig. 4 (dentition), fig. 4a (skull), 1855.

**MACROPHYLLUM.**

Teeth :—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

**Macrophyllum newwiedii.**

*Gervais.*—*Castelnaud*, Amérique du Sud, p. 50. pl. 10. fig. 3 (dentition), fig. 3a (skull), 1855.

a. Skull. Bahia. Presented by Francis de Castelnaud, Esq.

**GLOSSOPHAGA.****The BLOOD-SUCKER. Glossophaga soricinum.**

*Geoff.*—*Blainv.*, Ost. Atl. Cheirop. pl. 7 (skull).

**SPECTRELLUM.****Spectrellum macrourum.**

*Gervais.*—*Castelnaud*, Amérique du Sud, p. 51. pl. 15. fig. 3, 3a (dentition), 1855.

## MONOPHYLLUS.

Teeth:—Incisors  $\frac{2-2}{0-0}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 30.

\* REDMAN'S LEAF-NOSED BAT. *Monophyllus Redmani*.

a. Skull. Jamaica. Presented by J. S. Redman, Esq.

## ANOURA.

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 34.

*Anoura minor*.

\*a. Skull. Bolivia. From Mr. Bridges' Collection.

\*b. Skull. Bahia. Presented by F. de Castelnau, Esq.

## DIPHILIA.

*Diphilia ecaudata*.

*D'Orb.*, Voy. ix. pl. 4 (skull).

## EDOSTOMA.

*Edostoma cinereum*.

*D'Orb.*, Voy. ix. pl. 4 (skull).

## BRACHYPHYLLA.

The CAVERN BAT. *Brachyphylla cavernarum*.

*Gervais*.—*Castelnau*, Amérique du Sud, p. 33. pl. 9. fig. 7 (dentition), 1855.

*Stenoderma cavernarum*, *Blainv.*, Ost. Atl. Cheirop. pl. 7. p. 101 (skull).

## DESMODUS.

Teeth:—Incisors  $\frac{1-1}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{3-3}$ ; Molars  $\frac{0-0}{0-0}$ ; = 20.

*Desmodus rufus*.

*Max. de Neuwied*, Abbildungen, c. fig.—*Gervais*.—*Castelnau*, Amérique du Sud, p. 31. pl. 9. fig. 1 (skull), 1855.

*Desmodus*, *D'Orbigny*.—*Waterhouse*, Voyage of the Beagle, pt. ii. p. 2. pl. 35. figs. 1a, 1g (skull and teeth).

a. Skull. Coquimbo, Chili. Presented by Charles Darwin, Esq.—The specimen figured by Mr. Waterhouse.

**Desmodus spectrum.**

*Owen*, *Odont.* p. 427. pl. 112. fig. 9 (skull).

**RHINOPOMA.**

Teeth:—Incisors  $\frac{1-1}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{1-1}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 28.

THE INDIAN RHINOPOMA. **Rhinopoma hardwickii.**

*a.* Skull. India. Presented by Walter Elliott, Esq.

**MEGADERMA.**

Teeth:—Incisors  $\frac{0-0}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 28.

THE CORDATE BAT. **Megaderma spasma.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	5
Sacral . . . . .	5
Caudal . . . . .	4

*a.* Skeleton. From the Leyden Museum.

*b.* Skeleton. Java. From Mr. Frank's Collection.

THE LYRE-NOSED BROAD-WINGED BAT. **Megaderma lyra.**

*Geoff.*—*Blainv.*, *Ost. Atl. Cheirop.* pl. 7 (skull).

*a.* Skull. Madras. Presented by Walter Elliott, Esq.

**LAVIA.**

Teeth:—Incisors  $\frac{0-0}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{1-1}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 26.

THE AFRICAN LEAF BAT. **Lavia frons.**

*a.* Skull. Cape Coast Castle, W. Africa. Presented by J. William, Esq.

*b.* Skeleton. W. Africa. From Mr. Warwick's Collection.

\**c.* Skull.

**ASELLIA.**

Teeth:—Incisors  $\frac{1-1}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{1-1}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 28.

THE THREE-TOOTHED ASELLIA. **Asellia tridens.**

*a-d.* Four skulls. Egypt. Presented by Dr. Turnbull Christie.



**RHINOLOPHUS.**

Teeth:—Incisors  $\frac{1-1}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

**Rhinolophus caffer.**

a. Skull. Port Natal.

**Rhinolophus lobatus.**

*Peters*, Naturw. reise nach Mossambique, Säugth. i. p. 41. pl. 13. figs. 16, 17 (skull).

The SMALLER HORSESHOE BAT. **Rhinolophus hipposiderus.**

\*a. Skull. St. Gothard.

b. Skull. From Mr. Yarrell's Collection.

c. Skeleton. Ireland. Presented by Dr. Kinahan.

**Rhinolophus insignis.**

*Horsf.*—*Temm.*, Monog. Mamm. ii. pl. 33. figs. 7, 8.

a. Skeleton. From Mr. Frank's Collection.

The NEPAL HORSESHOE BAT. **Rhinolophus tragatus.**

a-c. Three skulls. Nepal. Presented by B. H. Hodgson, Esq.

d-i. Skulls. Nepal. Presented by B. H. Hodgson, Esq.

\*j. Skull. Nepal. Presented by B. H. Hodgson, Esq.

The LARGER HORSESHOE BAT. **Rhinolophus ferrum-equinum?**

Faun. Wirb. Deutschl. p. 27. figs. 2-4 (skull).—*Blainv.*, Ost. Atl. Cheirop. p. 7 (skull).—*Temm.*, Monog. Mamm. pl. 32. fig. 19 (skeleton).—*Owen*, Odont. p. 427. pl. 27. fig. 5 (dentition).

a. Skull: male. —? Presented by W. E. Leach, M.D.

b. Skull: female. —? Presented by W. E. Leach, M.D.

c. Skull. —?

**Rhinolophus clivosus.**

*Cretzschm.*—*Temm.*, Monog. Mamm. ii. pl. 32. fig. 18 (skull).

**Rhinolophus affinis.**

*Horsf.*—*Temm.*, Monog. Mamm. ii. pl. 32. fig. 16-18 (skulls & teeth).

**Rhinolophus euryotis.**

*Temm.*, Monog. Mamm. ii. pl. 32. figs. 13-15 (skull and teeth).

\*a. Skull.

**Rhinolophus tricuspидatus.**

*Temm.*, Monog. Mamm. ii. pl. 33. figs. 11, 12 (skull and teeth).

**Rhinolophus diadema.**

*Geoff.*—*Temm.*, Monog. Mamm. ii. pl. 32. figs. 4-6 (skulls).

**Rhinolophus minor.**

*Horsf.*—*Temm.*, Monog. Mamm. pl. 32. figs. 20, 21 (skull and teeth).

THE CAPE HORSESHOE BAT. **Rhinolophus capensis.**

\**a.* Skull. India.

**HIPPOSIDEROS.**

Teeth :—Incisors  $\frac{1-1}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 30.

THE NOBLE HORSESHOE BAT. **Hipposideros nobilis.**

*Rhinolophus nobilis*, *Horsf.*—*Temm.*, Mon. Mamm. ii. pl. 32. figs. 1, 2 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	6
Sacral . . . . .	6
Caudal . . . . .	8

*a.* Skeleton. From Mr. Frank's Collection.

THE MOUSE-COLOURED HORSESHOE BAT. **Hipposideros murinus.**

*a.* Skull. Madras. Presented by Walter Elliott, Esq.

THE APICULATED HORSESHOE BAT. **Hipposideros apiculatus.**

*a.* Skull. Madras. Presented by Walter Elliott, Esq.

\**b.* Skull. India. From Mr. Warwick's Collection.

THE JAVANESE HORSESHOE BAT. **Hipposideros vulgaris.**

*Horsfield*, Zool. Researches in Java, figs. *c-g* (dentition).

THE TWO-COLOURED HORSESHOE BAT. **Hipposideros bicolor.**

*Temm.*, Monog. Mamm. ii. pl. 32. figs. 9, 10 (skull and teeth).

THE FOXY HORSESHOE BAT. **Hipposideros fulvus.**

*a.* Skull. Madras. Presented by Walter Elliott, Esq.

**Hipposideros pusillus.**

*Temm.*, Monog. Mamm. ii. pl. 32. figs. 22, 23 (skulls).

**PHYLLORHINA.****Phyllorhina vittata.**

*Peters*, Naturw. reise nach Mossambique, Säugth. i. p. 32. pl. 13. figs. 1-6 (skull).

**Phyllorhina gracilis.**

*Peters*, Naturw. reise nach Mossambique, Säugth. i. p. 36. pl. 13. figs. 14, 15 (skull).

**NYCTERIS.**

Teeth:—Incisors  $\frac{2-2}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{1-1}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

**Nycteris javanica.**

*a.* Skeleton. From Mr. Frank's Collection.

**THE TWO-COLOURED NYCTERIS. Nycteris discolor.**

\**a.* Skull. South Africa. From the Stockholm Museum.

**Nycteris fuliginosa.**

*Peters*, Naturw. reise nach Mossambique, Säugth. i. p. 46. pl. 10. figs. 3, 4, 5 (skull and dentition), 1852.

**Nycteris villosa.**

*Peters*, Naturw. reise nach Mossambique, Säugth. i. p. 48. pl. 11. figs. 6, 7 (skull), 1852.

**Nycteris hispida.**

*Blainv.*, Ost. Atl. Cheirop. pl. 7 (skull).

**NYCTOPHILUS.**

Teeth:—Incisors  $\frac{1-1}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{1-1}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 28.

**THE AUSTRALIAN NYCTOPHILE. Nyctophilus geoffroyii.**

\**a.* Skull. Australia. Presented by Sir T. S. Mitchell.

**BARBASTELLUS.**

The BARBASTELLE. *Barbastellus communis*.

*Gray*, Cat. Mamm. Brit. Mus. p. 25, 1843.

*Synotus barbastellus*, *Blasius*, Faun. Wirb. Deutschl. p. 42. figs. 21, 22 (skull), 1857.

**PLECOTUS.**

The COMMON LONG-EARED BAT. *Plecotus communis*.

*Lesson*, Faun. Wirb. Deutschl. p. 38. figs. 15-17 (skull), 1857.

*a.* Skull. England. Presented by W. E. Leach, M.D.

*b.* Skeleton.

*c.* Skull. From Mr. Yarrell's Collection.

***Plecotus velatus*.**

*Is.-Geoff.*, Ann. Sci. Nat. 1 sér. iii. p. 444.

*Vespertilio velatus*, *Geoff.*, Hist. de Chile, pl. no. 1. fig. 2*a* (skull).

*Histiotus velatus*, *Gervais*.—*Castelnau*, Amérique du Sud, p. 77. pl. 13. fig. 6*a, b* (dentition), 1855.

**MINIOPTERUS.**

Teeth:—Incisors  $\frac{2-2}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =36.

***Miniopterus schreibersii*.**

Faun. Wirb. Deutschl. p. 45. figs. 25-27 (skull), 1857.—Proc. Zool. Soc. 1858, pl. 65. figs. 1, 2 (skull).

\**a.* Skull. Presented by Sir A. Smith.

\**b.* Skull. From Mr. Bartlett's Collection.

***Miniopterus morio*.**

*Scotophilus morio*, *Gray*, App. Grey's Narrat. p. 405.

\**a.* Skull. N. S. Wales. Presented by the Earl of Derby.

**VESPERTILIO.**

Teeth:—Incisors  $\frac{2-2}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =38.

***Vespertilio hilarii*.**

\**a.* Skull. Rio Janeiro. Presented by the Earl of Derby.

***Vespertilio noctivagans*.**

\**a.* Skull. Malden, Canada. Presented by P. W. MacLagan, Esq.

**Vespertilio blythii.**

\**a.* Skull. India. From Mr. Warwick's Collection.

**Vespertilio chiloensis.**

*Waterh.*, Voy. of the Beagle, pl. 35. figs. 3 *a* to 3 *c* (skull).—*Sagra*, Hist. de Chile, pl. 1. fig. 3 *a* (dentition and skull).—*Gervais*.—*Castelnau*, Amérique du Sud, p. 83. pl. 15. fig. 4 *a, b, c, d* (skull and dentition).

*a.* Skull. Bolivia. From Mr. Bridges' Collection.

**Vespertilio parvulus.**

\**a.* Skull. Rio Janeiro. Voyage of the 'Rattlesnake.' Presented by Capt. Stanley.

**Vespertilio bonariensis.**

*Less.*—*Freye*., Voy. Coquille, pl. 2 (skull), 1826.

**Vespertilio lepidus.**

*Blainv.*, Ost. Atl. Cheirop. pl. 8 (skull).

**DAUBENTON'S BAT. Vespertilio daubentonii.**

\**a, b.* Skulls. Sweden. From the Stockholm Museum.

**Vespertilio subulatus.**

*a.* Skull. Malden, Canada. Presented by P. W. MacLagan, Esq.

**Vespertilio hypothrix.**

*Gervais*.—*Castelnau*, Amérique du Sud, p. 83. pl. 15. fig. 5 (dentition), 1855.

**Vespertilio nanus.**

*Peters*, Naturw. reise nach Mossambique, Säugth. i. p. 63. pl. 16. fig. 2 *c, d, e, f* (skull and dentition).

**Vespertilio macuanus.**

*Peters*, Naturw. reise nach Mossambique, Säugth. i. p. 61. pl. 16. fig. 1 *c, d, e* (skull and dentition).

**Vespertilio kinnamon.**

*Gervais*.—*Castelnau*, Amérique du Sud, p. 84. pl. 15. figs. 1, 1 *a* (dentition).

**Vespertilio mystacinus.**

\*Skull. Sweden. From the Stockholm Museum.

**VESPERUS.****Vesperus innoxius.**

*Gervais*.—*Castelnau*, Amérique du Sud, p. 75. pl. 13. fig. 5 (teeth), fig. 5a (skull), 1855.

**Vesperus dutertreus.**

*Gervais*.—*Castelnau*, Amérique du Sud, p. 75. pl. 14. fig. 4 (dentition), fig. 4a (skull).

**Vesperus furinalis.**

*Gervais*.—*Castelnau*, Amérique du Sud, p. 76. pl. 13. fig. 4 (dentition), fig. 4a (skull).

**MYOTIS.**

Teeth :—Incisors  $\frac{2-2}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 38.

**The LARGE-EARED BAT. Myotis murinus.**

*Vespertilio murinus*, *Leisl.*—*Blainv.*, Ost. Atl. Cheirop. pl. 5 (skeleton).—*Faun. Wirb. Deutschl.* p. 78. figs. 53, 54 (skull).—*Owen*, *Odont.* p. 425. pl. 112. fig. 1 (skull and teeth).

\*a. Skull. St. Gothard.

\*b. Skull. El Zeen, N. Africa. From Mr. Fraser's Collection.

**NYCTIELLUS.****Nyctiellus lepidus.**

*Gervais*.—*Castelnau*, Amérique du Sud, p. 84. pl. 15. fig. 6a (dentition), fig. 6b (skull), 1855.

**KERIVOULA.****Kerivoula ærosa.**

*Tomes*, Proc. Zool. Soc. 1858, p. 333. pl. 66. fig. 1b, c (skulls).

**Kerivoula picta.**

*Cur.*, Mém. du Mus. xvi. pl. 9. figs. 9-11 (skulls).

a. Skeleton. Ceylon. From Mr. E. Gerrard's, Jun., Collection.

**Kerivoula lanosa.**

*Smith*, Proc. Zool. Soc. 1858, p. 331. pl. 66. fig. 2a, b (skull).

**HYONYCTERIS.****Hyonycteris discifera.**

*Licht. et Peters*, Abhandl. der Königl. Akad. der Wissenschaften zu Berlin, 1854, pl. 2. figs. 1-6 (skull and dentition).

**FURIA.****Furia horrens.**

*Cuv.*, Mém. du Mus. xvi. p. 149. pl. 9. figs. 3-8 (skulls).

*Gervais*.—*Castelnau*, Amérique du Sud, p. 70. pl. 14. fig. 6 *a, b* (dentition), fig. 6 *c* (skull), 1855.

**FURIPTERUS.**

Teeth :—Incisors  $\frac{2-2}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 36.

**Furipterus cærulescens.**

*Tomes*, Proc. Zool. Soc. 1856, p. 173. pl. 42 (skull).

**SCOTOPHILUS.**

Teeth :—Incisors  $\frac{2-2}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 34.

The BAT. **Scotophilus murinus.**

Cervical vertebræ.....	7
Dorsal .....	11
Lumbar .....	5
Sacral .....	(?)
Caudal .....	9

*a.* Skeleton.

*b, c.* Skeletons. England. From Mr. Warwick's Collection.

*d.* Skeleton. England. From Mr. Daniel's Collection.

The MINUTE SCOTOPHILUS. **Scotophilus minutus.**

\**a.* Skull. South Africa. From the Stockholm Museum.

**Scotophilus tuberculatus.**

\**a.* Skull. New Zealand.

**Scotophilus noctulinia.**

*a.* Skull. From Mr. Warwick's Collection.

**Scotophilus noctula.**

*a.* Skull. Algiers. From M. Verreaux's Collection.

The DWARF BAT. **Scotophilus punilus.**

\**a.* Skull. Perth, W. Australia.

The AUSTRALIAN BAT. **Scotophilus morio.**

*a-d.* Skulls. West Australia. From Mr. Gould's Collection.

**Scotophilus belangerii.**

*Vespertilio belangerii*, *Blainv.*, Ost. Atl. Cheirop. pl. 8 (skull).

\**a.* Skull. India. From Mr. Warwick's Collection.

\**b.* Skull. Suttapore, India.

\**c.* Skull.

The MADRAS BAT. **Scotophilus maderaspatanus.**

*a.* Skull. Madras. Presented by Walter Elliott, Esq.

**Scotophilus heathii.**

\**a, b.* Skulls. India. From Captain Boys's Collection.

TEMMINCK'S NOCTULE. **Scotophilus temminckii?**

*Gray.—Horsf.*, Zool. Researches in Java (teeth).

*a.* Skull, and bones of arms and legs. Pinang. Presented by General Hardwicke.

\**b.* Skull. S. Africa. From the Stockholm Museum.

**VESPERUGO.**

**Vesperugo serotinus.**

*Keys. u. Blas.*, Faun. Wirb. Deutschl. p. 69. figs. 45, 46 (skulls).

**NOCTULINIA.**

The NOCTULE. **Noctulinia altivolans.**

*Vesperugo noctula*, *Keys. u. Blas.*, Faun. Wirb. Deutschl. pp. 49, 52. figs. 30-32 (skulls), 1857.—*Blainv.*, Ost. Atl. Cheirop. pl. 8 (skull).

*a.* Skull. Cambridgeshire. Presented by the Rev. J. S. Henslow.

*b.* Skull, without lower jaw. ——— ?

*c.* Skeleton. England. From Mr. E. Gerrard's, Jun., Collection.



**NOCTILIO.**

Teeth :—Incisors  $\frac{2-2}{1-1}$  ; Canines  $\frac{1-1}{1-1}$  ; Premolars  $\frac{1-1}{2-2}$  ; Molars  $\frac{3-3}{3-3}$  ; = 28.

The BULL-DOG BAT. **Noctilio americanus.**

- a.* Skull (without lower jaw). South America.
- b.* Skull. From the Zoological Society's Collection.
- c.* Skull. Jamaica. From Mr. Gosse's Collection.
- d.* Skull. From the Haslar Collection.

The STRIPED BULL-DOG BAT. **Noctilio mastivus.**

- \**a, b.* Skulls. Bolivia. From Mr. Bridges' Collection.

**Noctilio rufipes.**

*D'Orb.*, Voy. ix. pl. 9. fig. 4 (skull).

**Noctilio leporinus, var. dorsatus.**

*Blainv.*, Ost. Atl. Cheirop. pl. 4 (skeleton).

**Noctilio unicolor.**

*Blainv.*, Ost. Atl. Cheirop. pl. 8 (skull).

**LASIURUS.**

Teeth :—Incisors  $\frac{1-1}{3-3}$  ; Canines  $\frac{1-1}{1-1}$  ; Premolars  $\frac{2-2}{2-2}$  ; Molars  $\frac{3-3}{3-3}$  ; = 32.

**Lasiurus grayii.**

- \**a.* Skull.
- \**b.* Skull. Juan du Fusa. Presented by Sir J. Richardson.
- \**c.* Skull: young.

The POWDERED HAIRY-TAILED BAT. **Lasiurus pruinosus.**

- \**a.* Skull. Bolivia. From Mr. Bridges' Collection.

**Lasiurus ecaudatus.**

- \**a.* Skull. Ega, Amazons. From Mr. Bates's Collection.

**Lasiurus noveboracensis.**

- \**a.* Skull. —? From M. Parzudaki's Collection.
- \**b.* Skull. Canada. Presented by P. W. MacLagan, Esq.

**EMBALLONURA.****Emballonura afra.**

*Peters*, Naturw. reise nach Mossambique, Säugth. i. p. 51. pl. 13. figs. 18, 19 (skull).

**Emballonura saxatilis.**

*Van der Hoer.*, Tijdschr. 1838, p. 27.

*Proboscidea saxatilis*, *Spix*, Sim. et Vesp. Bras. p. 62. pl. 35.—*Gervais in Castelnau*, Amérique du Sud, p. 68. pl. 13. fig. 2 (dentition), fig. 2 a (skull), 1855.

Cervical vertebræ.....	7
Dorsal .....	11
Lumbar .....	5
Sacral .....	3
Caudal .....	12

a. Skeleton. Brazils. From M. Verreaux's Collection.

**Emballonura canina.**

*Gervais in Castelnau*, Amérique du Sud, p. 66. pl. 14. figs. 5, 6 (dentition), 1855.

**Emballonura brunnea.**

*Gervais in Castelnau*, Amérique du Sud, p. 66. pl. 15. fig. 2, 2 a (dentition), 1855.

**NYCTICEJUS.**

Teeth:—Incisors  $\frac{1-1}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{1-1}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 30.

**Nycticejus temminckii.**

Cervical vertebræ.....	7
Dorsal .....	11
Lumbar .....	5
Sacral .....	3
Caudal .....	11

\*a. Skeleton. From Mr. Frank's Collection.

**Nycticejus ega.**

*Gervais in Castelnau*, Amérique du Sud, p. 73. pl. 14. figs. 1 & 1 a, b (dentition), fig. 1 c (skull), 1855.

**Nycticejus viridis.**

*Peters*, Naturw. reise nach Mossambique, Säugth. i. p. 67. pl. 17. fig. 2 e, d, e (skull and dentition).

**Nycticejus planirostris.**

*Peters*, Naturw. reise nach Mossambique, Säugth. i. p. 65. pl. 17.  
fig. 1 *c, d, e* (skull and dentition).

**Nycticejus noveboracensis.**

*Rüppell*, Atlas, p. 71. taf. 27. figs. 3, 4 (skull).

**Nycticejus leucogaster.**

*Rüppell*, Atlas, tab. 28. figs. 1, 2 (skull).

**TAPHOZOUS.**

Teeth:—Incisors  $\frac{0-0}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 28.

The JAVANESE TAPHOZOUS. **Taphozous saccolaimus.**

*Temm.*, Mon. Mamm. ii. p. 285. pl. 60. figs. 4-6 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	6
Caudal . . . . .	8

*a, b.* Skeletons. From Mr. Frank's Collection.

The NAKED-BELLIED TAPHOZOUS. **Taphozous nudiventer.**

*Rüpp.*, Atlas, tab. 27. figs. 1, 2, 3 (skulls).—*Temm.*, Mon. Mamm. ii.  
p. 280. pl. 60. figs. 10-12 (skulls).

The AFRICAN TAPHOZOUS. **Taphozous perforatus.**

*Rüpp.*, Atlas, tab. 27. figs. 4, 5, 6 (skulls).—*Temm.*, Mon. Mamm. ii.  
p. 281. pl. 60. figs. 13-15 (skull and teeth).  
*Taphozous senegalensis*, *Blainv.*, Ost. Atl. Cheirop. pl. 8 (skull).

**Taphozous leucopterus.**

*Peters*, Naturw. reise nach Mossambique, Säugth. p. 55. pl. 13.  
figs. 20, 21.

**MYSTACINA.**The MYSTACINA. **Mystacina tuberculata.**

*a.* Bones of body. New Zealand.

**CHEIROMELES.**

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{1-1}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 26.

**Cheiromeles torquatus.**

*Horsf.*, Zool. Research. in Java, *a-h* (skulls and details of dentition).  
—*Temm.*, Mon. Mamm. ii. pp. 346, 348. pl. 67. fig. 1 (skeleton),  
figs. 2-5 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	5
Caudal . . . . .	12

*a.* Skeleton. Borneo. Presented by Captain Sir Edward Belcher.

**NYCTINOMUS.**

Teeth :—Incisors  $\frac{1-1}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{1-1}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 28.

**Nyctinomus maurus.**

\**a, b.* Skulls. Bolivia. From Mr. Bridges' Collection.

**Nyctinomus brasiliensis.**

*Is.-Geoff.*, Ann. Sci. Nat. 1 sér. i. p. 337. pl. 22.—*Gervais in Castelnau*,  
Amérique du Sud, p. 60. pl. 12. fig. 2 (dentition), fig. 2 *a* (skull).

**Nyctinomus macrotis.**

*Gray.*—*Gervais in Castelnau*, Amérique du Sud, p. 62. pl. 12. fig. 1  
(dentition), fig. 1 *a* (skull), 1855.

**THE MIDAS GROOVE-CHEEKED BAT. Nyctinomus midas.**

\*Skull. Senaar. From the Stockholm Museum.

**MOLOSSUS.**

Teeth :—Incisors  $\frac{1-1}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 30.

**THE LARGE-EARED THICK-LIPPED BAT. Molossus rufus.**

*Temm.*, Mon. Mamm. pl. 23. figs. 17-19 (teeth).  
*Desmodus rufus*, *Blainv.*, Ost. Atl. Cheirop. pl. 7 (skull), pl. 13 (den-  
tition).—*Laur. et Baz.*, Ann. d'Anat. et Phys. pl. 2. 9. fig. 2 (skull).

\**a, b.* Skulls. Bolivia. From Mr. Bridges' Collection.

**Molossus acuticaudatus.**

Cervical vertebrae . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	12

*a.* Skeleton. Brazil. From M. Verreaux's Collection.

**Molossus rugosus.**

*D'Orb.*, Voy. ix. pl. 10. figs. 4, 5 (skull).

**Molossus moxensis.**

*D'Orb.*, Voy. ix. pl. 11. figs. 3, 4.

**Molossus daubentonii.**

*Blainv.*, Ost. Atl. Cheirop. pl. 8 (skull).

**Molossus nigricans.**

\**a.* Skull. Bahia. Presented by F. de Castelnau, Esq.

**Molossus fumarius.**

*a, b.* Skeletons. Jamaica. From Mr. Gosse's Collection.

**Molossus cestoni.**

*Blainv.*, Ost. Atl. Cheirop. pl. 8 (skull).

**Molossus inops.**

*Blainv.*, Ost. Atl. Cheirop. pl. 8 (skull).

**Molossus obscurus.**

*E. Geoff.*, Ann. Mus. vi. p. 155.—*Gervais in Castelnau*, Amérique du Sud, p. 58. pl. 5. fig. 5 (skull).

**PROMOPS.**

**Promops ursinus.**

*Gervais in Castelnau*, Amérique du Sud, p. 59. pl. 12. fig. 3 (dentition), fig. 3*a* (skull).

*Molossus ursinus*, *Spix.*—? *Blainv.*, Ostéogr. Vesp. pl. 5 (skeleton).

**DYSOPES.**

Teeth:—Incisors  $\frac{1-1}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 30.

**Dysopes tenuis.**

*Horsf.*, Zool. Researches, figs. *a-i* (skull and teeth).—*Temm.*, Monog. Mamm. i. pl. 23. figs. 10–16 (skull and teeth), pl. 24. fig. 1 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	5
Caudal . . . . .	9

*a.* Skeleton. Java. From Mr. Frank's Collection.

**Dysopes obsculus.**

*Temm.*, Monog. Mamm. i. pl. 23. figs. 20, 21 (skulls).

**Dysopes dubius.**

*Peters*, Naturw. reise nach Mossambique, Säugth. i. p. 60. pl. 15. fig. 2 (skull).

**Dysopes brachypterus.**

*Peters*, Naturw. reise nach Mossambique, Säugth. i. p. 59. pl. 15. fig. 1*d, e* (skull).

**Dysopes limbatus.**

*Peters*, Naturw. reise nach Mossambique, Säugth. i. p. 56. pl. 14. fig. 1*b, c, d* (skull).

**Dysopes geoffroyii.**

*Temm.*, Monog. Mamm. pl. 23. fig. 9 (teeth).

**Dysopes cheiropus.**

*Temm.*, Monog. Mamm. pl. 23. figs. 1–5 (skulls).—*Horsf.*, Zool. Researches, pl. 23. figs. 1–5 (skull and teeth).

**Dysopes rüppellii.**

*Temm.*, Monog. Mamm. pl. 23. figs. 6–8 (skulls).

**Dysopes nasutus.**

*Temm.*, Monog. Mamm. pl. 24. fig. 2 (skeleton).

**Dysopes dilatus.**

*Temm.*, Mon. Mamm. ii. p. 352. pl. 68. figs. 2, 3 (skull & teeth).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	5
Caudal . . . . .	9

*a.* Skeleton. From Mr. Frank's Collection.

**Dysopes natalensis.**

*Smith*, Illustr. S. Africa, pl. 49. fig. 3 (skull), 1849.

**MORMOPS.**

The MORMOPS. **Mormops blainvillii.**

*Leach*, Linn. Trans. xiii. p. 77. t. 7.—*Peters*, Abhandl. der Königl. Akad. der Wissenschaften zu Berl. pl. 1. fig. 3 (skeleton), figs. 4, 5 (dentition), 1856-7.

**DICLIDURUS.**

The DICLIDURE. **Diclidurus freyreissii.**

*Gervais in Castelnau*, Amérique du Sud, p. 64. pl. 13. fig. 1 (dentition), fig. 1 a (skull).

**CENTURIO.**

**Centurio flavogularis.**

*Peters*, Abhandl. der Königl. Akad. der Wissenschaften zu Berl. 1854, pl. 1. figs. 1-7 (skull and dentition).

**PROBOSCIDEA.**

**Proboscidea villosa.**

*Gervais in Castelnau*, Amérique du Sud, p. 68. pl. 13. fig. 3 (dentition), fig. 3 a (skull).

**ATALAPHA.**

**Atalapha blossevillei.**

*Gervais in Castelnau*, Amérique du Sud, p. 72. pl. 14. figs. 2, 2 a (dentition).

**PTEROPUS.**

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 34.

The RED-NAPED KALONG. **Pteropus funereus.**

a. Skull. Australia.

The WURLAGZOO. **Pteropus edwardsii.**

a. Skull: adult. Nepal. Presented by B. H. Hodgson, Esq.

b. Skeleton? India.

c. Skull. Madras. Presented by Walter Elliott, Esq.

d. Skull. India. Presented by General Hardwicke.

*e.*? Skull. India.

*f.* Skull. Madras. Presented by Walter Elliott, Esq.

*g, h.* Two skulls. India.

*i.* Skull (imperfect behind). India. Presented by General Hardwicke.

*j.* Skull. Bengal. Presented by General Hardwicke.

*k, l.* Skulls. From the Zoological Society's Collection.

#### **Pteropus conspicillatus.**

\**a.* Skull. Australia. Presented by Capt. Stanley. From the Voyage of H.M.S. Rattlesnake.

#### **Pteropus keraudrenius.**

*Freye.*, Voy. au Monde, pl. 3 (skull).—*Temm.*, Monog. Mamm. i. pl. 15. fig. 7 (skull).

#### **Pteropus melanocephalus.**

*Temm.*, Monog. Mamm. i. pl. 16. fig. 3 (skeleton), fig. 4 (teeth).

#### **Pteropus pallidus.**

*Temm.*, Monog. Mamm. i. p. 184. pl. 15. figs. 8, 9 (skulls).

#### **Pteropus edulis.**

*Temm.*, Monog. Mamm. i. p. 172. pl. 15. figs. 1, 2, 3 (adult skulls), figs. 4, 5, 6 (young skulls).—*Owen*, Odont. p. 430. pls. 113, 113A.—*G. Fischer*, Anat. des Makis, p. 186. tab. 18. fig. 1 (skull), 1804.

*a, b.* Skulls. From the Zoological Society's Collection.

*c.* Skull: male. India. Presented by Professor Oldham.

#### **Pteropus dasymallus.**

*Temm.*, Monog. Mamm. i. p. 180. pl. 15. figs. 10, 11 (skulls).

\**a.* Skull. Japan. From M. Verreaux's Collection.

#### **Pteropus macrocephalus.**

*Blainv.*, Ost. Atl. Cheirop. pl. 6 (skull).

#### **Pteropus fuscus.**

*Blainv.*, Ost. Atl. Cheirop. pl. 6 (skull).

#### **Pteropus jubatus.**

*Blainv.*, Ost. Atl. Cheirop. pls. 1, 2 (skeleton).

\**a.* Skull. Island of Mindanao. From the Zoological Society's Collection.



**Pteropus vanikorensis.**

*Blainv.*, Ost. Atl. Cheirop. pl. 6 (skull).

**Pteropus phaiops.**

*Temm.*, Monog. Mamm. ii. p. 65. pl. 36. figs. 1-3 (skulls).

*a.* Skull. Amboyna.

**Pteropus macklotii.**

*Temm.*, Monog. Mamm. ii. p. 69. pl. 32. figs. 4-6 (skulls and teeth).

**Pteropus chrysoproctus.**

*Temm.*, Monog. Mamm. ii. p. 67. pl. 32. figs. 7, 8 (skull and teeth).

**Pteropus pselaphon.**

*Temm.*, Monog. Mamm. ii. p. 70. pl. 36. figs. 9-11 (skull and teeth).

*a, b.* Skulls. From the Zoological Society's Collection.

**Pteropus hottentottus.**

*Temm.*, Monog. Mamm. ii. p. 87. pl. 32. figs. 16, 17 (skull and teeth).

**Pteropus griseus.**

*Temm.*, Monog. Mamm. ii. p. 81. pl. 36. fig. 6 (teeth).

\**a.* Skull. Ceram.

**Pteropus personatus.**

\**a.* Skull. From M. Verreaux's Collection.

**XANTHARPYIA.**

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 34.

The EGYPTIAN XANTHARPY. **Xantharpyia ægyptiaca.**

*Pteropus geoffroyii*, *Temm.*, Monog. Mamm. i. p. 197. pl. 15. figs. 14, 15 (skull).

*a.* Skull. Egypt. Presented by Dr. Turnbull Christie.

**Xantharpyia leachii.**

*Pteropus leachii*, *Smith*, Zool. Journ. iv. p. 433. 1829; Illustr. Zool. S. Africa, pl. 48 (skull).—*Temm.*, Monog. Mamm. i. p. 9.

\**a.* Skull. Port Natal. From M. Verreaux's Collection.

The PALE XANTHARPY. *Xantharpyia straminea*.

*Pteropus stramineus*, *Temm.*, Monog. Mamm. i. p. 195. pl. 15. figs. 12, 13 (skull).—*Blainv.*, Ost. Atl. Cheirop. pl. 6 (skull).

The XANTHARPY. *Xantharpyia amplexicaudata*.

*Pteropus amplexicaudatus*, *Geoff.*—*Temm.*, Monog. Mamm. i. p. 200. pl. 15. fig. 16 (skull).

## CYNOPTERUS.

Teeth :—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{2-2}{3-3}$ ; = 30.

The WARTY-LIPPED CYNOPTERE. *Cynopterus marginatus*.

*Pteropus tithæcheilus*, *Temm.*, Monog. Mamm. i. p. 198. pl. 15. figs. 17, 18 (skulls, very old), figs. 19, 20 (skulls of adult), figs. 21, 22 (skulls of the young).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	4
Sacral . . . . .	4
Caudal . . . . .	5

*a, b.* Skeletons. From the Leyden Collection.

*c, d.* Skulls. Presented by Walter Elliott, Esq.

HORSFIELD'S CYNOPTERE. *Cynopterus horsfieldii*.

*a.* Skull. From Mr. Warwick's Collection.

## NOTOPTERUS.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Canines  $\frac{1-1}{1-1}$ ; Molars  $\frac{1-1}{5-5}$ ; = 26.

*Notopterus macdonaldii*.

*Gray*, Proc. Zool. Soc. 1859, p. 38. pl. 67 (skull).

\**a, b.* Skulls. Island of Viti Leon. Voyage of H.M.S. Herald. Presented by the Lords of the Admiralty.

## HARPYIA.

Teeth :—Incisors  $\frac{1-1}{0-0}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{4-4}$ ; = 24.

*Harpusia pallasii*.

*Temm.*, Monog. Mamm. ii. p. 101. pl. 40. figs. 3-5 (skull and teeth).

\**a.* Skull. Amboyna. From M. Verreaux's Collection.

\**b.* Skull. New Georgia. From Mr. Cuming's Collection.

**MEGÆRA.**

**Megæra ecaudata.**

*Temm.*, Monog. Mamm. ii. p. 359. pl. 69 (skull).

**EPOMOPHORUS.**

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{0-0}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 26.

The SHOULDER-KNOT BAT. **Epomophorus whitei.**

\**a.* Skull: female. Abyssinia. From M. Verreaux's Collection.

**Epomophorus crypturus.**

*Peters*, Naturw. reise nach Mossambique, Säugth. i. p. 26. pl. 13. figs. 1-6 (skull).

**CEPHALOTES.**

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{0-0}{1-1}$ ; Molars  $\frac{4-4}{5-5}$ ; = 28.

The CEPHALOTE. **Cephalotes peronii.**

*Temm.*, Monog. Mamm. ii. p. 106. pl. 32. figs. 24-27 (skulls).—*Blainv.*, Ost. Atl. Cheirop. pl. 6 (skull).

*a.* Skull. Timor. From the Leyden Museum.

\**b.* Skull. Timor.

**MACROGLOSSUS.**

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The RIODOTE. **Macroglossus minimus.**

*Pteropus minimus*, *Temm.*, Monog. Mamm. i. p. 191. pl. 15. figs. 25, 26 (adult skulls), figs. 27, 28 (lower jaw), figs. 29, 30 (young skulls), pl. 16. fig. 1 (skeleton).—*Blainv.*, Ost. Atl. Cheirop. pl. 6 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	5
Sacral . . . . .	(?)
Caudal . . . . .	3

*a.* Skeleton. From Mr. Frank's Collection.

## Order II. FERÆ.

## Fam. 1. FELIDÆ.

## LEO.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{2-2}$ ; Molars  $\frac{1-1}{1-1}$ ; =30.

The LION. *Leo barbarus*.

*Felis leo*, *Cuv.*, *Oss. Foss.* iv. p. 448. pl. 33.—*Blainv.*, *Ost. G. Felis*, pl. 1 (skeleton), pl. 6 (skulls of *Felis leo nubicus*, *F. leo senegalensis*, *F. leo indicus*, *F. leo capensis*).—*Van der Hoeven*, *Verz. der Platen*, pl. 20. fig. 12 (hind foot).—*Owen*, *Odont.* pl. 127. fig. 4 (lower jaw of young); *Odontology*, Article in *Encycl. Brit.* p. 459. fig. 101 (dentition), fig. 104 (deciduous teeth); *Orr's Circle of the Sciences*, i. p. 251. fig. 43 (skeleton), 1854.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	26

a. Skeleton. Africa.

b. Skull. Africa.

c. Skull. Africa.

d. Skull. Africa.

e. Skull: young.

f. Skull: very young.

g. Skull.

\*h. Skeleton: female. Asia.

From the Zoological Society's Collection.

The GAMBIAN LION. *Leo gambianus*.

\*a. Skull. West Africa.

## TIGRIS.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{2-2}$ ; Molars  $\frac{1-1}{1-1}$ ; =30.

The TIGER. *Tigris regalis*.

*Felis tigris*, *Cuv.*, *Oss. Foss.* pl. 33. figs. 5, 6.

*Felis tigris et sumatrana*, *Blainv.*, *Ost. G. Felis*, pl. 7 (skull).

a, b. Two skulls. India. Presented by General Hardwicke.

c. Skull: adult. Nepal. Presented by B. H. Hodgson, Esq.

d. Skull. India. Presented by H. Lacon, Esq.

e. Skull. India.

f. Skull? India.

g. Skull: young. India.

- h.* Skull: young. India.  
*i, j.* Skulls: young.  
*k.* Skeleton. India. From the Zoological Society's Collection.  
*l.* Skull. Near the Orange River. From Mr. Argent's Collection.  
*m.* Skull. Presented by Dr. Murray.  
*n.* Skull. Mergui. Presented by Professor Oldham.  
*o.* Skull: young. Mergui. Presented by Professor Oldham.  
*p.* Skull. India. Presented by T. E. J. Boileau, Esq.  
*q, r, s.* Skulls: adult and young. Presented by — Money, Esq.  
*t, u.* Skulls. From the Zoological Society's Collection.  
*v-z.* Skulls: male and female. Presented by B. H. Hodgson, Esq.  
*aa-bb.* Skulls.  
*cc.* Skull. From Mr. Warwick's Collection.  
*dd.* Skull. Borneo. From Mr. Wright's Collection.  
*ee.* Skull: very young. From Mr. Stevens's sale-rooms.  
*ff.* Skull. Presented by J. S. Bowerbank, Esq.

### LEOPARDUS.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{2-2}$ ; Molars  $\frac{1-1}{1-1}$ ; = 30.

#### THE LEOPARD. *Leopardus varius.*

*Felis pardus, barbarus, et sumatranus, Blainv.,* Ostéogr. pl. 8 (skulls).  
*Felis leopardus, Temm.,* Monog. Mamm. pl. 9, figs. 1, 2 (skull).—*Owen,*  
 Odont. pl. 127, fig. 1 (teeth).

Cervical vertebræ .....	7
Dorsal .....	13
Lumbar .....	7
Sacral .....	3
Caudal .....	25 or 26

- a.* Skull: adult. Nepal. Presented by B. H. Hodgson, Esq.  
*b.* Skull: young. Nepal. Presented by B. H. Hodgson, Esq.  
*c.* Skull. Nepal.  
*d.* Skull (imperfect). Africa. Presented by W. Burchell, Esq., LL.D.  
*e.* Skull. Africa.  
*f.* Skull. India.  
*\*g.* Skull (from a black variety). India. From the Zoological Society's Collection.  
*h.* Skeleton. India.  
*i.* Skeleton. India. From Mr. Argent's Collection.  
*j.* Skeleton (from a black variety). From the Zoological Society's Collection.  
*k.* Skull. Bhagulpore. Presented by Professor Oldham.  
*l.* Skull. From the Zoological Society's Collection.  
*m.* Skull.  
*n, o.* Skulls. Nepal. Presented by B. H. Hodgson, Esq.  
*p.* Skeleton (black variety). From Mr. Warwick's Collection.

The JAGUAR. *Leopardus onca*.

*Felis onca*, *Cuv.*, Oss. Foss. pl. 34. figs. 3, 4 (skull), figs. 7, 8 (skull of a young black Jaguar).—*Blainv.*, Ost. Atl. G. *Felis*, pl. 2.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	24

\**a.* Skull: small. South America.

*b.* Skull: large. Para, Brazils. Presented by R. Graham, Esq.

*c.* Skull: large. Para, Brazils. Presented by R. Graham, Esq.

*d.* Skull: large. Para, Brazils. Presented by R. Graham, Esq.

\**e.* Skull (from a black variety). S. America. From the Zoological Society's Collection.

*f.* Skeleton: male. From the Zoological Society's Collection.

*g.* Skull. Orinoco. From M. Parzudaki's Collection.

*h.* Skull.

The BLACK-TAILED OCELOT. *Leopardus melanurus*.

*a.* Skull. From the Zoological Society's Collection.

The PUMA. *Leopardus concolor*.

*Felis concolor*, *Blainv.*, Ost. Atl. G. *Felis*, pl. 6 (skull).—*Baird*, Mamm. N. America, pl. 71. figs. 1, 2 (skulls of adult and young), 1859.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	24

*a. h.* Skulls. From the Zoological Society's Collection.

*i, j.* Skeletons. From the Zoological Society's Collection.

*k.* Skull. From the Zoological Society's Collection.

The CLOUDED TIGER. *Leopardus macroscelis*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	27

\**a.* Skull and bones of body. From the Zoological Society's Collection.

WARWICK'S CAT. *Leopardus himalayanus*.

\**a.* Himalaya. Presented by Edward Cross, Esq.

The OCELOT. **Leopardus pardalis.**

*Felis pardalis*, *Laurent et Bazin*, Anat. et Phys. pl. 1. 8. fig. 7 (dentition).—*Baird*, Mamm. N. America, p. 87. pl. 72 (skull, nat. size).

Cervical vertebræ.....	7
Dorsal .....	13
Lumbar .....	7
Sacral .....	3
Caudal .....	21

*a.* Skeleton. S. America. From Mr. Brandt's Collection.

*b.* Skull.

*c, d.* Skulls.

*e.* Skeleton: young.

*f, g.* Skulls.

*h.* Skeleton.

} From the Zoological Society's Collection.

The GREY OCELOT. **Leopardus griseus.**

\**a.* Skull and bones of body.

\**b.* Skull: young.

*c.* Skeleton. Guatemala. From Mr. Warwick's Collection.—“*Felis armillata*,” *Chv.*, Warwick.

The PAINTED OCELOT. **Leopardus pictus.**

Cervical vertebræ.....	7
Dorsal .....	13
Lumbar.....	7
Sacral .....	3
Caudal .....	20

*a.* Skeleton. S. America. From Mr. Warwick's Collection.

ELLIOT'S CAT. **Leopardus ellioti.**

*a.* Skull (orbit complete behind). Nepal. } Presented by B. H.

*b.* Skull (orbit interrupted behind). Nepal. } Hodgson, Esq.

The KUWUK. **Leopardus javanensis.**

Cervical vertebræ.....	7
Dorsal .....	13
Lumbar .....	6
Sacral .....	3
Caudal .....	17

*a.* Skeleton. From the Zoological Society's Collection.

The MARBLED CAT. **Leopardus marmoratus.**

\**a.* Skull. Dardagellan. Presented by A. Charlton, Esq.

\**b.* Skull. Borneo. Presented by J. Brooks, Esq.

- \**c.* Skull: male. Malacca. Presented by A. Charlton, Esq.  
*d.* Skull. India.  
*e.* Skull. India. From the Zoological Society's Collection.

**Leopardus charltonii.**

- \**a.* Skull. Dardagellan. Presented by A. Charlton, Esq.

The WAVED CAT. **Leopardus inconspicuus.**

- \**a, b.* Skulls. N. India. From Mr. Bartlett's Collection.

The MARGAY. **Leopardus tigrinus.**

- \**a.* Skull.

**Leopardus macrourus.**

Cervical vertebræ.....	7
Dorsal .....	13
Lumbar .....	7
Sacral .....	3
Caudal .....	24

- a, b.* Skeletons. Brazils. From Mr. Brandt's Collection.  
 \**c.* Skull.

**Leopardus geoffroyii.**

*Felis geoffroyii*, *D'Orb.*, *Voy.* ix. pl. 13 (skull).

The MURMI. **Leopardus moormensis.**

- a.* Skull. Nepal. Presented by B. H. Hodgson, Esq.

The WAGATI CAT. **Leopardus viverrinus.**

Cervical vertebræ.....	7
Dorsal .....	13
Lumbar .....	7
Sacral .....	3
Caudal .....	18

- a, b, c.* Skulls. Nepal. Presented by B. H. Hodgson, Esq.  
*d.* Skeleton. From the Zoological Society's Collection.  
*e, f.* Skulls. From the Zoological Society's Collection.

The BULU. **Leopardus sumatranus.**

- \**a.* Skull. Malacca.  
 \**b.* Skull. Malacca. Presented by A. Charlton, Esq.  
*c, d.* Skulls. From the Zoological Society's Collection.



The YAGOUARONDI. *Leopardus yagouarondi*.*Baird*, Mamm. N. America, pl. 74. fig. 1 (skull, natural size), 1859.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	24

*a.* Skull. South America.*b.* Skeleton. From Mr. Brandt's Collection.*\*c.* Skull.The TIGER CAT. *Leopardus eyra*.*Felis eyra*, *Baird*, Mamm. N. America, pl. 73. fig. 2 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	24

*a.* Skull.*b.* Skeleton. From the Zoological Society's Collection.

## CHAUS.

The FLAT-HEADED CAT. *Chaus? planiceps*.*Felis planiceps*, *Blainv.*, Ostéog. G. *Felis*, pl. 9 (skull).—Ann. d'Anat. et Phys. iii. pl. 4. fig. 1 (lower jaw).*a.* Skull.*b.* Skull. Malacca. Presented by A. Charlton, Esq.*c.* Skull: young.The SERVALINE CHAUS. *Chaus servalinus*.*Felis serval*, *Blainv.*, Ostéog. G. *Felis*, pl. 9 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	22

*a, b.* Skulls. Senegal.*c.* Skeleton. Sierra Leone. Presented by W. Whitfield, Esq.*\*d.* Skull.*e.* Skeleton. From the Zoological Society's Collection.*f.* Skull. From the Zoological Society's Collection.*g.* Skeleton: young. From the Zoological Society's Collection.

The CHAUS. ***Chaus libycus***.

*Felis chaus*, *Is.-Geoff. St.-H.*, Descrip. Coll. de V. Jacquemont, 1842-43, p. 45. pl. 3. fig. 1 (skull).

*Felis caligata*, *Is.-Geoff. St.-H.*, *ibid.* p. 49. pl. 3. fig. 2 (skull).

- a.* Skull: adult. Nepal. } Presented by B. H. Hodgson,  
*b.* Skull: adult (imperfect). Nepal. } Esq.  
*c.* Skull. From the Zoological Society's Collection.  
*d.* Skull. Hazareebagh, India. Presented by Professor Oldham.

***Chaus caffer***.

- \**a.* Skull. Cape of Good Hope. From M. Verreaux's Collection.

***Chaus jacquemontii***.

*Felis jacquemontii*, *Is.-Geoff. St.-H.*, Descrip. Coll. de V. Jacquemont, 1842-43, p. 58. pl. 2 (animal), pl. 3 (skull).

- a, b, c.* Skulls. Salt range, India. Presented by Professor Oldham.

**FELIS.**

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{2-2}$ ; Molars  $\frac{1-1}{1-1}$ ; = 30.

***Felis rutila***.

- a.* Skull. Sierra Leone. From the Zoological Society's Collection.

***Felis huttoni***.

- a.* Skull. Salt range, India. Presented by Professor Oldham.

The SMALL-FOOTED CAT. ***Felis maniculata***.

- \**a.* Skull. Sennaar. From M. Parreyss's Collection.  
 \**b.* Skull.

***Felis rubiginosa***.

- \**a.* Skull. Madras. Presented by T. C. Jerdon, M.D.

The CAT. ***Felis domestica***.

*Blasius*, Faun. Wirb. Deutschl. p. 167. figs. 104, 105 (skull).

Chat, *Buff.*, Hist. Nat. v. p. 48. pl. 7 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	22

- a.* Skull. Nepal. Presented by B. H. Hodgson, Esq.  
 \**b.* Skull. Isle of Man. Presented by Mrs. Col. Thompson.  
*c.* Skull. England. Presented by Mr. J. Baker.  
*d.* Skeleton: adult. England.

- e. Skeleton of fœtus. England. Presented by J. E. Gray, Esq.
- f. Skull. England. Presented by John Ray, Esq.
- g. Skull. England.
- h, i. Skulls. From Mr. Argent's Collection.
- j. Skull. From Mr. Stevens's sale.
- k. Skull. From Dr. Mantell's Collection.
- l, m. Skulls. Nepal. Presented by B. H. Hodgson, Esq.
- n. Skeleton. England. From Mr. Daniel's Collection.
- o, p. Skulls. From Mr. Stevens's Collection.
- q. Skull. Van Diemen's Land. Presented by R. Gunn, Esq.
- r. Skull: tailless variety. From the Zoological Society's Collection.
- s. Skull: Angora variety. From the Zoological Society's Collection.
- t. Skull. Nepal. Presented by B. H. Hodgson, Esq.
- u. Fœtal skeleton.
- v. Fœtal skull. From Mr. Yarrell's Collection.

The WILD CAT. *Felis catus*.

*Blasius*, Faun. Wirb. Deutschl. p. 163. figs. 102, 103 (skull), 1857.

- a. Skull. From Mr. Bullock's Collection.
  - b. Skull. From the Zoological Society's Collection.
  - c. Skull. "Wild Cat of Italy." From the Zoological Society's Collection.
  - d. Skull: male, adult. S. Germany.
  - e. Skull: male, half-grown. S. Germany.
  - f. Skull: female. S. Germany.
  - g, h. Skulls: fœtus. S. Germany.
- } From Dr. A. Günther's  
Collection.

The PAMPAS CAT. *Felis pageros*.

Cervical vertebræ.....	7
Dorsal .....	13
Lumbar .....	7
Sacral .....	3
Caudal .....	19 or 20

- \*a. Skull. Chili.
- b. Skeleton. Chili. From Mr. Bridges' Collection.
- c. Skull.

LYNCUS.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{2-2}$ ; Molars  $\frac{1-1}{1-1}$ ; = 30.

The PEESHOO or CANADA LYNX. *Lyncus canadensis*.

Cervical vertebræ.....	7
Dorsal .....	13
Lumbar .....	7
Sacral .....	3
Caudal .....	16

- a. Skull. Canada.

- b.* Skull. Hudson's Bay. Presented by the Hudson's Bay Company.  
*c.* Skull.  
*d.* Skeleton.  
*e.* Skeleton. Kamtschatka. From Mr. Brandt's Collection.

The LYNX. **Lynx lynx.**

*Felis lynx*, *Blainv.*, *Ostéog. G. Felis*, pl. 3 (skeleton).—*Blasius*,  
*Fann. Wirb. Deutschl.* p. 173. fig. 106 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	(imperfect).

- a.* Skeleton. Sweden. From Mr. Brandt's Collection.

**Lynx cervaria.**

- a.* Skull. From the Zoological Society's Collection.

The SOUTHERN LYNX. **Lynx pardina.**

- a.* Skull. From the Zoological Society's Collection.

The AMERICAN WILD CAT. **Lynx rufa.**

*Felis rufa*, *Voy. de la Vénus*, pl. 9. figs. 2-4 (skull), 1846.

- a, b.* Skulls.

**CARACAL.**

The CARACAL. **Caracal melanotis.**

*Blainv.*, *Ost. Atl. G. Felis*, pl. 10 (skull).—*Van der Hoeren*, *Verz. der Platen*, pl. 19. fig. 9 (skull).

- a.* Skull. Orange River. From Mr. Argent's Collection.  
*\*b.* Skull. From the Zoological Society's Collection.  
*c, d.* Skulls. From the Zoological Society's Collection.  
*\*e.* Skull and bones of the body. From the Zoological Society's Collection.

**GUEPARDA.**

Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{2-2}$ ; Molars  $\frac{1-1}{1-1}$ ; =30.

The YOUZE or CHETAH. **Gueparda jubata.**

*Blainv.*, *Ost. Atl. G. Felis*, pl. 10 (skull), pl. 4 (skeleton).  
 Var. *senegalensis*, *Blainv.*, *l. c.* pl. 10 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7

Sacral vertebræ . . . . .	3
Caudal . . . . .	21

- \**a.* Skull. Cape of Good Hope. Presented by W. Burchell, Esq.  
*b.* Skeleton. From the Zoological Society's Collection.  
*c.* Skull. From the Zoological Society's Collection.

## HYÆNA.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{3-3}$ ; Molars  $\frac{1-1}{1-1}$ ; =34.

THE STRIPED HYÆNA. *Hyæna striata*.

*D'Alton*, Vergleichende Osteologie, pl. 2 (skeleton).—*Cur.*, Dents des Mammifères, no. 25. p. 81 (teeth).—*Blainv.*, Ost. Atl. G. Hyæna, p. 161. pl. (skeleton), pl. 2 (skull).—*Van der Hoeven*, Verz. der Platen, pl. 20. fig. 9 (lower jaw and teeth).—*Owen*, Odont. pl. 126. figs. 6-8 (teeth).—Odontology, article in Encycl. Brit. p. 460. fig. 105 (dentition of lower jaw).

- a.* Skull. Cape of Good Hope. Presented by Edward Cross, Esq.  
 \**b.* Skull. Cape of Good Hope. Presented by Edward Cross, Esq.  
*c.* Skull. Northern Circar.  
*d.* Skull. Cape of Good Hope?  
*e.* Skull. Bhagulpore, India. Presented by Professor Oldham.  
*f.* Skull. Nepal. Presented by B. H. Hodgson, Esq.  
*g.* Skull: half-grown.

## CROCUTA.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{3-3}$ ; Molars  $\frac{1-1}{1-1}$ ; =34.

THE TIGER WOLF. *Crocuta maculata*.

*Blainv.*, Ost. Atl. G. Hyæna, pl. 3 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	15
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	17

- a.* Skeleton. S. Africa. From Mr. Warwick's Collection.  
*b.* Skeleton. S. Africa. From the Zoological Society's Collection.

THE BROWN HYÆNA. *Crocuta brunnea*.

*Hyæna fusca*, *Blainv.*, Ost. Atl. G. Hyæna, pl. 3 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	15
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	15 (imperfect).

- \**a.* Skull. S. Africa.  
*b.* Skeleton. From Mr. Warwick's Collection.

## PROTELES.

Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 32.

The AARD WOLF. *Proteles cristatus*.

*Is.-Geoff. St.-Hil.*, Mag. de Zool. 1841, p. 1. pl. 30 (skull).—*Blainv.*, Ost. Atl. G. Canis, fasc. 10-16. pp. 33, 50, pl. 3 (skeleton).—*Owen*, Odont. p. 478. pl. 125. fig. 6 (dentition).

\**a.* Skull. S. Africa.

## VIVERRA.

Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{2-2}{2-2}$ ; = 40.

The CIVET. *Viverra civetta*.

*D'Alton*, Vergleich. Osteologie, pl. 4 (skeleton).—*Blainv.*, Ost. Atl. G. Viverra, fasc. 10-16. p. 41. pl. (skeleton), pl. 7 (skull), pl. 12 (dentition).

Cervical vertebrae . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	22 or 23

\**a.* Skull. Tropical ~~America~~. Presented by E. Cross, Esq.

*b.*, *c.* Skulls. From the Zoological Society's Collection.

*d.* Skeleton. From the Zoological Society's Collection.

The ZIBETH. *Viverra zibetha*.

*Blainv.*, Ost. Atl. G. Viverra, pl. 8 (skull), pl. 12 (dentition).

*a.* Skull (imperfect). Nepal. Presented by B. H. Hodgson, Esq.

*b.* Skull. Calcutta. Presented by Professor Oldham.

The RASSE. *Viverra malaccensis*.

*a.* Skeleton (nearly perfect). Nepal. Presented by B. H. Hodgson, Esq.

*b.* Skull. Nepal.

*c.* Skull. Nepal.

*d.* Skull. Nepal.

*e.* Skull. Nepal.

\**f.* Skull (lower jaw wanting).

*g.* Skull: young. Presented by Mr. Edward Gerrard.

*h.* Skull.

*i.* Skeleton. From the Zoological Society's Collection.

*j.* Skull. India. Presented by W. Elliott, Esq.

*k.* Skull: young. From the Zoological Society's Collection.

*l.* Skull. From the Zoological Society's Collection.

The PALE CIVET. *Viverra pallida*.

Cervical vertebræ.....	7
Dorsal .....	13
Lumbar .....	7
Sacral .....	3
Caudal .....	30

a. Skeleton. From the Zoological Society's Collection.

*Viverra abyssinica*.

*Rüppell*, Fauna Abyssinica, taf. 10 (skull), 1835-40.

*Viverra* — ?

a. Skull: young. Isle of Negros (one of the Philippine Islands).  
From the Zoological Society's Collection.

GENETTA.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{2-2}{2-2}$ ; = 40.

The BLOTCHED GENET. *Genetta tigrina*.

a. Skull. Cape of Good Hope.

The PALE GENET. *Genetta senegalensis*.

Cervical vertebræ.....	7
Dorsal .....	13
Lumbar .....	6
Sacral .....	3
Caudal .....	19 (imperfect).

\*a. Skull.

b. Skull: female. N. Africa. From Mr. Stevens's Collection.

c. Skeleton. From the Zoological Society's Collection.

\*d. Skull.

*Genetta vulgaris*.

\*a. Skull. France. From M. Verreaux's Collection.

EUPLERES.

*Eupleres goudotii*.

*Doyère*, Ann. Sc. Nat. 1835, iv. p. 281.—*Blainv.*, Ostéog. G. *Viverra*, pl. 8 (skull), pl. 10 (foot), pl. 12 (dentition).

LINSANG.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{1-1}{2-2}$ ; = 38.

The DELUNDUNG. **Linsang gracilis.**

*Horsfield*, Zool. Researches in Java, *a* to *d* (teeth).  
*Viverra linsang*, *Blainv.*, Ostéog. G. Viverra, pl. 12 (dentition).

\**a.* Skull. Borneo. From Mr. Low's Collection.

The NEPAL LINSANG. **Linsang pardicolor.**

\**a.* Skull. Nepal. Presented by B. H. Hodgson, Esq.

RICHARDSON'S GENET. **Linsang richardsonii.**

\**a.* Skull. Fernando Po. From Mr. Fraser's Collection.

**BASARIS.**

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{4-4}$ ; Molars  $\frac{2-2}{2-2}$ ; = 38.

The CACOMIXLE. **Basaris astuta.**

*Licht.*, Voy. de la Bonite (skeleton).—*Blainv.*, Ost. Atl. G. Mustela, fasc. 10-16. p. 95. pl. 5 (skeleton), pl. 12 (dentition).—*Baird*, Mamm. N. America, pl. 74. fig. 2, 1859.

\**a.* Skull. Mexico. Presented by J. Phillips, Esq.

*b.* Skull. From the Zoological Society's Collection.

**MUNGOS.**

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{2-2}{2-2}$ ; = 40.

The BANDED MUNGOS. **Mungos fasciatus.**

*a.* Skull. From the Zoological Society's Collection.

*b.* Teeth. From the Zoological Society's Collection.

ELLIOT'S MUNGOS. **Mungos vitticollis.**

*Mangusta vitticollis*, *Blainv.*, Ost. Atl. G. Viverra, fasc. 10-16. pp. 48, 96. pl. 6 (skull), pl. 12 (dentition).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	24

\**a.* Skull. Travancore, India.

*b.* Skeleton. India. From the Zoological Society's Collection.

*c.* Skull. From the Zoological Society's Collection.



**URVA.**

Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{2-2}{2-2}$ ; = 40.

The URVA. **Urva cancrivora.**

- a.* Skull. Nepal. }  
*\*b.* Skull. Nepal. } Presented by B. H. Hodgson, Esq.  
*c.* Teeth. Nepal. }

**BDEOGALE.**

**Bdeogale crassicauda.**

*Peters*, Naturw. reise nach Mossambique, Säugth. i. p. 119. pl. 27. figs. *c, d* (skull), *e, f* (dentition).

**Bdeogale puîsa.**

*Peters*, Naturw. reise nach Mossambique, Säugth. i. pl. 28. figs. *c, d* (skull).

**HERPESTES.**

Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{2-2}{2-2}$ ; = 40.

The ICHNEUMON. **Herpestes ichneumon.**

*Mangusta ichneumon*, *Blainr.*, Ost. Atl. G. Viverra, fasc. 10-16. pp. 47, 95. pl. 1, pl. 12 (dentition).

- \*a.* Skull. North America.  
*b.* Skull.  
*c.* Skull. Gambia. Presented by the Earl of Derby.  
*d.* Skull.  
*e.* Skull. North Africa.

The ANDALUSIAN ICHNEUMON. **Herpestes widdringtonii.**

Cervical vertebræ.....	7
Dorsal .....	14
Lumbar .....	6
Sacral .....	3
Caudal .....	(?)

- a.* Skeleton. Sierra Morena, Spain. From the Zoological Society's Collection.

The CAPE ICHNEUMON. **Herpestes caffer.**

- \*a.* Skull. Cape of Good Hope.

The GARANGAN. **Herpestes javanicus.**

*Horsfield*, Zool. Researches in Java, *l-t* (skull & dentition).

The BROWN ICHNEUMON. **Herpestes fuscus.**

\*a. Skull. India. From the Zoological Society's Collection.

DR. SMITH'S ICHNEUMON. **Herpestes smithii.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	30

\*a. Ceylon (imperfect skeleton). From the Zoological Society's Collection.

b. Skull. From the Zoological Society's Collection.

The CAPE ICHNEUMON. **Herpestes paludosus.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	24

a. Skull. Cape of Good Hope.

b. Skeleton.

\*c. Skull.

d. Skull. Gambia. From the Zoological Society's Collection, as *Herpestes urinatrix*, A. Smith.

e. Skull. From the Zoological Society's Collection.

The SHORT-TAILED ICHNEUMON. **Herpestes brachyurus.**

*Gray, Voy. of the Samarang, no. 5. pl. 4. figs. 1-3, 1849 (skull).  
Mangusta brachyura, Blainv., Ost. Atl. G. Viverra, pl. 6 (lower jaw).*

\*a. Skull. Malacca. The specimen figured in the 'Voyage of the Samarang.'

b. c. Skulls. From the Zoological Society's Collection.

The HALF-COLLARED ICHNEUMON. **Herpestes semitorquatus.**

*Gray, Voy. of the Samarang, no. 5. pl. 3. figs. 1-3 (1849).*

\*a. Skull. Borneo. The specimen figured in the 'Voyage of the Samarang.'

The HIGHLAND NYULA. **Herpestes nepalensis.**

a. Skeleton (imperfect). Nepal. Presented by B. H. Hodgson, Esq.

b. Skull (imperfect). Nepal. Presented by B. H. Hodgson, Esq.

c. Skull. India. Presented by S. Sotheby, Esq.

d. Skull. India. Presented by T. Ingall, Esq.

- e.* Skull. India.  
*f.* Skull. Nepal. Presented by B. H. Hodgson, Esq.  
*g, h.* Skulls.

The NYULA. *Herpestes nyula.*

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	19 (imperfect).

- a.* Skull. Nepal. Presented by B. H. Hodgson, Esq.  
*b.* Skeleton (imperfect). Nepal. Presented by B. H. Hodgson, Esq.  
*c.* Skeleton. Malacca.  
*d.* Skull. From Mr. Bartlett's Collection.  
*e-h.* Skulls. Nepal. Presented by B. H. Hodgson, Esq.  
*i, j.* Skulls. Salt range, India. Presented by Professor Oldham.

The MUNGOS. *Herpestes griseus.*

- a, b.* Skulls. Bengal. Presented by Professor Oldham.  
*c-j.* Skulls. From the Zoological Society's Collection.

The RATLAMUCHI. *Herpestes badius.*

- a.* Skull. S. Africa. Presented by Sir A. Smith.  
*b.* Skull. S. Africa. Presented by Sir A. Smith.  
*c.* Skull. S. Africa. Presented by Sir A. Smith.—*Herpestes cawii*,  
 A. Smith.

The RED ICHNEUMON. *Herpestes sanguineus.*

*Rüppell*, Fauna Abyssinica, tab. 10 (skull).

The MUTGIGELLA. *Herpestes mutgigella.*

- \**a.* Skull. Abyssinia.  
 \**b, c.* Skulls.

MRS. MACARTHEY'S ICHNEUMON. *Herpestes macarthiæ.*

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	26

- \**a.* Skeleton. Ceylon. From the Zoological Society's Collection.

*Herpestes ornatus.*

*Peters*, Naturw. Reise nach Mossambique, Säugth. i. p. 117. pl. 25.  
 figs. *d, e* (skull).

**Herpestes undulatus.**

*Peters*, Naturw. reise nach Mossambique, Säugth. i. p. 114. pl. 25.  
figs. *d, e* (skull).

**GALIDIA.****Galidia elegans.**

*Is.-Geoff. St.-II.*, Mag. de Zool. 1839, p. 27. pl. 14 et pl. 17. figs. 1-3  
(skull).

**MANGUSTA.****Mangusta (Galidia) elegans.**

*Blainv.*, Ostéog. G. Viverra, pl. 9 (skull).

**ICHNEUMIA.**The SLENDER ICHNEUMON. **Ichneumia gracilis.**

*Herpestes gracilis*, *Rüpp.*, Fauna Abyssinica, pl. 10 (skull).

**Ichneumia albescens.**

*Is.-Geoff. St.-II.*, Mag. de Zool. 1839, p. 35. pl. 13. figs. 1-3 (skulls).

**GALIDICTES.****Galidictes striata.**

*Is.-Geoff. St.-II.*, Mag. de Zool. 1839, pl. 18 et pl. 19. figs. 1-3 (skulls).

**HELOGALE**, n. g.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{2-2}{2-2}$ ; = 36.

**Helogale parvulus.**

\**a.* Skull. S. Africa. From M. Sundevall's Collection.

\**b.* Skull. Port Natal. From Mr. Warwick's Collection.

**Helogale tæniootus.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	24

*a.* Skeleton. S. Africa. Presented by Sir A. Smith.

**CYNICTIS.**

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{3-3}$ ; Molars  $\frac{2-2}{2-2}$ ; = 38.

The MEERKAT. **Cynictis levallantii.**

*Cynictis steadmanii*, *Ogilby*, Trans. Zool. Soc. i. p. 34. pl. 3 (skull).  
*Mangusta (Cynictis) penicillata*, *Blainv.*, Ost. G. Viverra, pl. 5 (skull).

- a. Skull. S. Africa. From the Zoological Society's Collection.
- b. Skeleton. S. Africa. From the Zoological Society's Collection.
- c. Skull: adult. S. Africa. Presented by the Zoological Society.—  
*Cynictis steadmanii*, *Ogilby*.
- d. Skull. Interior of S. Africa. Presented by Sir A. Smith.—  
*Cynictis lepturus*, A. Smith.
- e. Skull. Interior of S. Africa. Presented by Sir A. Smith.—  
*Cynictis ogilbyii*, A. Smith.

**Cynictis melanura.**

\*a. Skull. W. Africa. Presented by the Earl of Derby.

**Cynictis ochraceus.**

\*a. Skull. Abyssinia. Presented by F. H. Houra, Esq.

**CROSSARCHUS.**

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{4-4}$ ; Molars  $\frac{2-2}{1-1}$ ; = 36.

The KUSIMANSE. **Crossarchus obscurus.**

*Blainv.*, Ost. Atl. fasc. 10-16. pp. 49, 99. pl. 12 (dentition).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	23 (imperfect).

\*a. Skeleton. From the Zoological Society's Collection.

**SURICATA.**

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{4-4}$ ; Molars  $\frac{2-2}{1-1}$ ; = 36.

The ZENICK. **Suricata zenick.**

*Cur.*, Dents des Mamm. p. 104. no. 35. figs. 1-3 (teeth).  
*Mangusta (Suricata) tetradactyla*, *Blainv.*, Ost. Atl. G. Viverra,  
 fasc. 10-16. p. 28. pl. 5 (skulls), pl. 12 (dentition).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14

Lumbar vertebræ . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	22

a. Skull.

\*b. Skull. S. Africa.

c. Skull. S. Africa.

d. Skeleton.

e. Skull (lower jaw wanting).

f. Skull.

### ARCTICTES.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{2-2}{2-2}$ ; = 36.

#### The BINTURONG. *Arctictes binturong*.

*Blair*, Ost. Atl. G. Subursus, p. 39, pl. 4 (skeleton).—*Cuvier*, Dents des Mamm. p. 102 (teeth).—*Temm.*, Mon. Mamm. ii. p. 305, pl. 62, fig. 1 (skeleton), figs. 2, 3 (skull), 1835-41.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	33

a. Skull. From the Zoological Society's Collection.

b. Skeleton. Java. From Mr. Warwick's Collection.

### CYNOGALE.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{2-2}{2-2}$ ; = 40.

#### The MAIMON. *Cynogale bennettii*.

*Blair*, Ost. Atl. G. Viverra (skeleton, ♂), pl. 7 (skull), fasc. 10-16, p. 14.—*Owen*, Odont. pl. 126, figs. 4, 5 (dentition); Odontology, Article in Encycl. Brit. p. 460, fig. 106 (dentition).

Potamophilus barbatus, *Müller*, Verh. Nat. Gesch. pl. 17, figs. 3-6 (skull).

\*a. Skull. Borneo.

b. Skull: young. From the Zoological Society's Collection.

### PAGUMA.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{2-2}{2-2}$ ; = 40.

#### The NEPAL PAGUMA. *Paguma grayii*.

a. Skeleton (imperfect). Nepal. Presented by B. H. Hodgson, Esq.

b. Skull. Nepal. Presented by B. H. Hodgson, Esq.

c. Skull. From the Zoological Society's Collection.

The MASKED PAGUMA. *Paguma larvata*.

*a.* Skull. China. Presented by John Reoves, Esq.

CROSS'S PAGUMA. *Paguma crossii*.

Cervical vertebræ.....	7
Dorsal .....	13
Lumbar .....	7
Sacral .....	3
Caudal .....	30

*a.* Skeleton. Presented by Edward Cross, Esq.

The WHITE-WHISKERED PAGUMA. *Paguma leucomystax*.

*Blainv.*, Ost. Atl. G. Viverra, fasc. 10-16, pl. 7 (skull), pl. 12 (dentition).  
 —*Temm.*, Mon. Mamm. ii. p. 325. pls. 4-6 (skulls).

*a.* Skull: young. From the Zoological Society's Collection.

The THREE-STREAKED PAGUMA. *Paguma trivirgata*.

*Paradoxurus trivirgatus*, *Temm.*, Mon. Mamm. ii. pl. 63. fig. I (skeleton).

PARADOXURUS.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{2-2}{2-2}$ ; = 40.

The PHILIPPINE PARADOXURE. *Paradoxurus zeylanicus*.

\**a.* Skull. Camigiund. From Mr. Cuming's Collection.

*b.* Skull. Manilla. From the Zoological Society's Collection.

The BLACK-FRONTED PARADOXURE. *Paradoxurus nigrifrons*.

\**a.* Skull. India. Presented by Edward Cross, Esq.

*b, c.* Skulls. India. From Mr. Bartlett's Collection.

The BONDAR or MUCHABBA. *Paradoxurus bondar*.

*Temm.*, Mon. Mamm. ii. pl. 65. figs. 4-6 (skulls).

*a.* Skull. Nepal.

*b.* Skull. Nepal.

*c.* Skull. Nepal.

*d.* Skull and imperfect skeleton. Nepal.

*e.* Skull: half-grown. Nepal.

*f.* Skull: very young. Nepal.

*g.* Skull: young.

} Presented by  
 B. H. Hodgson, Esq.

*Paradoxurus aureus*.

\**a.* Skull. Ceylon. Presented by Dr. Kelaart.

*b, c.* Skulls. From the Zoological Society's Collection.

*d.* Skull.

The MUSANG. *Paradoxurus musanga*.

*Horsfield*, Zool. Researches in Java, G. H. (teeth).—*Temm.*, Mon. Mamm. ii. p. 317. pl. 64. figs. 1-3 (skulls).

- a, b.* Skulls. From the Zoological Society's Collection.  
*c.* Skull: young. From the Zoological Society's Collection.

The LUWACK. *Paradoxurus typus*.

*Blainv.*, Ost. Atl. G. Viverra, pl. 2 (skeleton), pl. 7 (skull), pl. 12 (dentition).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	29

- a.* Skeleton. From the Zoological Society's Collection.  
*b, c.* Skulls. From the Zoological Society's Collection.  
*d, e.* Skulls: adult and young. India. Presented by Prof. Oldham.  
*f.* Skull. From the Zoological Society's Collection.  
*g.* Skull.

## HEMIGALEA.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{2-2}{2-2}$ ; = 40.

The HEMIGALE. *Hemigalea zebra*.

*Gray*, Voy. de la Bonite, figs. *a, b* (skull).

*Paradoxurus derbyanus*, *Blainv.*, Ost. Atl. G. Viverra, pl. 7 (skull), pl. 12 (dentition).

*Viverra boiei*, *Müller*, S. Verh. Nat. Gesch. pl. 18. figs. 3-7 (skull and dentition).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	26

\**a.* Skull.

- b.* Skeleton. Borneo. From Mr. Low's Collection.

## NANDINA.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{2-2}{2-2}$ ; = 40.

The NANDINE. *Nandina binotata*.

*Paradoxurus hamiltonii*, *Blainv.*, Ost. Atl. fasc. 10-16. p. 46.—*Temm.*, Mon. Mamm. ii. pl. 65. figs. 7-9 (skull), pl. 12 (dentition).

\**a.* Skull. From Mr. Bartlett's Collection.

- b.* Skull. From the Zoological Society's Collection.



**CRYPTOPROCTA.**

**Cryptoprocta ferox.**

*Bennett* (skull described in *Trans. Zool. Soc. i. p. 139*).—*Blainv.*, *Ost. Atl. G. Viverra*, fasc. 10–16. pp. 15, 96. pl. 6 (skull), pl. 12 (dentition).

- \*a. Skull: immature. Mauritius. From the Zoological Society's Collection.—The specimen figured and described by M. de Blainville.

**CUON.**

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{2-2}{2-2}$ ; = 40.

The CUON. **Cuon primævus.**

*Canis primævus*, *Blainv.*, *Ost. Atl. G. Canis*, fasc. 10–16. p. 49. pl. 8.  
—*Laurent et Bazin*, *Ann. d'Anat. et Phys. i. pl. 1. 8. fig. 4* (skull).

Cervical vertebræ.....	7
Dorsal .....	13
Lumbar.....	7
Sacral .....	3
Caudal .....	(?)

- a. Skeleton: adult (without skull).
  - b. Skeleton: fœtus.
  - c. Skull.
  - \*d. Skull.
  - e. Skull: fœtal.
  - f. Skull: fœtal.
  - g. Skull. Cashmere. From Lieut. Abbott's Collection.
- } Nepal. Presented by B. H. Hodgson, Esq.

The KOLSUN. **Cuon dukhunensis.**

- \*a. Skull. Madras. Presented by Colonel Sykes.
- b. Skull. From the Zoological Society's Collection.

The SIBERIAN RED WOLF. **Cuon alpinus.**

- \*a. Skull. Altai Mountains. From Mr. Brandt's Collection.

The QUAO? **Cuon sumatrensis.**

Cervical vertebræ.....	7
Dorsal .....	13
Lumbar .....	7
Sacral .....	3
Caudal .....	19 or 20

- a. Skull. Sumatra.
- \*b. Skull. Malaeca. Presented by A. Charlton, Esq.
- c. Skeleton. Java. From Mr. Warwiek's Collection.

## CANIS.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{2-2}{3-3}$ ; = 42.

The ABYSSINIAN WOLF. **Canis simensis.**

\**a.* Skull. Abyssinia. From the Frankfort Museum.

The JACKAL or GHIDAR. **Canis aureus.**

*Blainv.*, Ost. Atl. G. Canis, pl. 5 (skull).—*Blasius*, Faun. Wirb. Deutschl. p. 179. figs. 110, 113 (skulls).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	(?)

*a, b, c.* Three skulls of different-aged specimens. Presented by B. H. Hodgson, Esq.

*d.* Skeleton.

*e.* Skull. Hazareebagh, India. Presented by Professor Oldham.

*f-i.* Skulls. From the Zoological Society's Collection.

The LANGDAH or INDIAN WOLF. **Canis pallipes.**

*a.* Skull. Nepal. }  
*b.* Skeleton. Nepal. } Presented by B. H. Hodgson, Esq.  
*c.* Skull. Nepal. }  
*d, e.* Skulls.

The DOG. **Canis familiaris.**

*Blainv.*, Ost. Atl. G. Canis, pl. 7 (skull).—*Owen*, Odontology, Article in Encycl. Brit. p. 460. fig. 106 (dentition).  
*Chien*, *Buff.*, Hist. Nat. v. p. 300. pl. 51 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	20

*a.* Skulls. Presented by Captain Sir John Ross, R.N.

*b-d.* Three skulls of different ages of the Pariah Dog. }

*e.* Skull of a Mongrel Bhotia Dog. }

*f, g.* Two skulls of the Bhotia Mastiff. }

*h.* Skull of a Cabul Tazee Greyhound. }

*i.* Skull of an English Greyhound. }

*j.* Skull of an English Spaniel. }

*k.* Skull of an English Spaniel (Mongrel?). }

*l.* Skull of an English Pointer. }

Presented by  
 B. H. Hodgson,  
 Esq.

- m, n.* Two skulls of Chinese Lapdogs, one young.
- o.* Skeleton of the Pariah Dog.
- p.* Skull of the Pariah Dog.
- q.* Skull of the Tibetan Mastiff.
- r.* Skull of the Mount St. Bernard Dog. Mount St. Bernard.
- s.* Skull of the Bulldog. Presented by Mr. Edward Gerrard.
- t.* Skull of the Bloodhound. Ireland.
- u.* Skull. England.
- v.* Skull of a Bulldog.
- w.* Skull.
- x.* Skeleton of the Bloodhound.
- y.* Skull of the Wild Dog. India. Presented by Captain Boys.
- z.* Skull of the Terrier. England.
- a<sup>2</sup>.* Skull. From Mr. Warwick's Collection.
- b<sup>2</sup>.* Skull of the Water Spaniel. From Mr. Warwick's Collection.
- c<sup>2</sup>.* Skull of the Terrier.
- d<sup>2</sup>.* Skull between Bloodhound and Hound. From the Zoological Society's Collection.
- e<sup>2</sup>.* Skeleton of the Beagle.
- f<sup>2</sup>.* Skull.
- g<sup>2</sup>.* Skeleton of the Italian Greyhound.
- h<sup>2</sup>.* Skeleton of the Terrier. From Mr. Warwick's Collection.
- i<sup>2</sup>.* Skeleton of the Australian Greyhound.
- j<sup>2</sup>.* Skull. Presented by B. H. Hodgson, Esq.
- k<sup>2</sup>.* Skull of the Esquimaux Dog. Presented by Captain King, R.N.
- l<sup>2</sup>, m<sup>2</sup>.* Skulls.
- n<sup>2</sup>, u<sup>2</sup>.* Skulls of the Esquimaux Dog.
- o<sup>2</sup>.* Skull of the Wolf Dog.
- p<sup>2</sup>.* Skull: hybrid between Esquimaux Dog and European Wolf.
- q<sup>2</sup>.* Skull: hybrid between a Dingo and a Common Wolf.
- s<sup>2</sup>.* Skull of the Manilla Bloodhound.
- t<sup>2</sup>.* Skull. Nootka Sound.
- v<sup>2</sup>, y<sup>2</sup>.* Skulls of the Chinese Dog.
- w<sup>2</sup>.* Skull of the Pariah Dog.
- x<sup>2</sup>.* Skull of the Barbary Dog.
- z<sup>2</sup>.* Skull of the Italian Greyhound. From Mr. Yarrell's Collection.
- a<sup>3</sup>.* Skull of the Pomarine Terrier. From the Zoological Society's Collection.
- b<sup>3</sup>.* Skull of the Scotch Mastiff. Presented by R. Jennings, Esq.
- c<sup>3</sup>.* Skull of the Greyhound. From Mr. Yarrell's Collection.
- d<sup>3</sup>, e<sup>3</sup>.* Skulls of the Bengal Pariah Dog. Presented by Prof. Oldham.
- f<sup>3</sup>.* Skull: male: var. *daricus*. S. Germany.
- g<sup>3</sup>.* Skull: male: var. *lanarius*. S. Germany.
- h<sup>3</sup>.* Skull: male: var. *rossicus*. S. Germany.
- i<sup>3</sup>.* Skull. Silesia.
- j<sup>3</sup>.* Skull: female. S. Germany.
- k<sup>3</sup>.* Skull: young male: var. *daricus*. S. Germany.

} Presented by B. H. Hodgson, Esq.

} From the Zoological Society's Collection.

} From Dr. A. Günther's Collection.

- l*<sup>3</sup>. Skull: young female: var. *auricularis*.  
     S. Germany. }  
*m*<sup>3</sup>. Skull: young: var. *mastivus*. S. Germany. } From Dr. A. Günther's  
*n*<sup>3</sup>. Skull: young female. } Collection.  
*o*<sup>3</sup>. Skull: female. }

The JAPAN DOG. **Canis (familiaris) japonicus.**

*Temm.*, Fauna Japonica, pl. 10. figs. 5, 6 (skull).

The DINGO. **Canis dingo.**

*Blainv.*, Ost. Atl. G. Canis, pl. 7 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	20 or 21

- a*. Skull. Moore's River, Australia.  
*b*. Skeleton. From Mr. Warwick's Collection.  
*c-e*. Skulls. From the Zoological Society's Collection.

The WOLF. **Canis lupus.**

*Blainv.*, Ost. Atl. G. Canis, pl. 3 (skeleton).—*Blasius*, Faun. Wirb. Deutschl. p. 177. figs. 109-111.—*Owen*, Odont. pl. 125. figs. 1-4 (dentition).

Loup, *Buffon*, Hist. Nat. vii. p. 39. pl. 3 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	20

- a*. Skull. Europe. Presented by Sir T. Wilson, Bart.  
*b*. Skeleton. From Mr. Brandt's Collection.  
*c*. Skeleton: female. From the Zoological Society's Collection.

The AMERICAN WOLF. **Canis occidentalis.**

*Richardson*, Faun. Wirb. Deutschl. p. 180. fig. 111 (skull).—*Baird*, Mamm. N. America, pl. 31 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	(?)

- a*. Skeleton. N. America. Presented by R. King, Esq., R.N.  
*b*. Skeleton. N. America. Presented by Dr. Rae.  
*\*c*. Skull. America.—Black var., *C. lycaon*, Harlan.  
*d*. Skull (imperfect). N.W. America. Presented by Captain Kellett and Lieut. Wood.

- e.* Skull. Fort Langley, Fraser's River, British Columbia. Presented by Lord J. Russell. Collected by the Boundary Commission.

The PRAIRIE WOLF. *Canis latrans.*

*Blainv.*, Ost. Atl. G. *Canis*, pl. 7 (skull).—*Baird*, Mamm. N. America, pl. 76 (skull).

- a.* Skull (imperfect).

The DIEB. *Canis anthus.*

- \**a.* Skull. Algiers. From M. Parzudaki's Collection.  
*b.* Skull. Tunis. From Mr. Fraser's Collection.

The BURNT DOG. *Canis adustus.*

- a.* Skull: young. Caffraria. From M. Sundevall's Collection.

VULPES.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{2-2}{3-3}$ ; = 42.

The SABORA. *Vulpes niloticus.*

- a.* Skull. Egypt. Presented by Dr. Turnbull Christie.  
*b, c.* Skulls. N. Africa. From Mr. L. Fraser's Collection.  
*d.* Skull. Tangiers. From Mr. Stevens's Collection.

The AMERICAN FOX or MAKKEESHEW. *Vulpes fulvus.*

*Baird*, Mamm. N. America, pl. 32 (skull).—*Bazin et Laurent*, Ann. d'Anat. et Phys. iii. pl. 4. figs. 4 & 5 (lower jaw).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	20

- a.* Skull. N. America. From Dr. Mantoll's Collection.  
 \**b.* Skull. N. America. From the Zoological Society's Collection.  
*c, d.* Skulls. Hudson's Bay. Presented by the Hudson's Bay Company.  
*e.* Skeleton. From a black variety. From the Zoological Society's Collection.  
*f.* Skull. From the Zoological Society's Collection.  
*g.* Skeleton. N. America. From Mr. Brandt's Collection as *C. argentatus*, Shaw.

The FOX. *Vulpes vulgaris*.

Renard, *Buffon*, Hist. Nat. vii. p. 75. pl. 6 (skeleton).  
*Canis vulpes*, *Spir*, Cephalogenesis, tab. 6. fig. 17 (skull).—*Blainv.*,  
 Ost. Atl. G. *Canis*, pl. 4 (skeleton).—*Blasius*, Faun. Wirb. Deutschl.  
 p. 190. fig. 114 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	20

\**a.* Skull. England.

*b.* Skull. England. Presented by John Ray, Esq.

*c.* Skeleton.

*d, e.* Skulls. From Mr. Argent's Collection.

*f.* Skull. From Mr. Stevens's Collection.

*g.* Skeleton. Europe. From Mr. Brandt's Collection.

*h-j.* Skulls: adult and young. From the Zoological Society's Collection.

*k, l.* Skulls: males. }

*m.* Skull: young male. }

*n.* Skull: half-grown. }

*o, p.* Skulls: females. }

*q.* Skull.

S. Germany. From Dr. A. Günther's Collection.

The BLACK-BELLIED FOX. *Vulpes melanogaster*.

\**a.* Skull. Tuscany.

*b.* Skull. Italy. From the Zoological Society's Collection.

The KOKREE or LOMER. *Vulpes bengalensis*.

*a.* Skull: adult. Nepal, Tarai.

*b.* An imperfect skull of a young specimen. } Presented by B. H. Hodgson, Esq.

*c.* Skull: adult. Nepal.

*d, e.* Two skulls. India. Presented by E. Blyth, Esq.

\**f.* Skull. From Mr. William's Collection.

*g.* Skull. From Mr. Argent's Collection.

*h.* Skull. From the Zoological Society's Collection.

The HILL FOX. *Vulpes montanus*.

\**a.* Skull. Nepal. Presented by the Rev. R. Ewing.

The PERSIAN FOX. *Vulpes flavescens*.

*a, b, c.* Skulls. Salt range, India. Presented by Professor Oldham.

The JAPAN FOX. *Vulpes japonicus*.

\**a.* Skull. Japan.

The KIT FOX. *Vulpes cinereo-argentatus*.

*Blainv.*, Ost. Atl. G. Canis, pl. 4 (skull).

- a. Skull.
- \*b. Skull. Texas.
- \*c. Skull: young. Brazils.
- \*d. Skeleton (imperfect). From the Zoological Society's Collection.
- e. Skull: young. Santa Rosa Island. Presented by Captain Kellert and Lieut. Wood.
- f. Skull: adult. From the Zoological Society's Collection.

The FENNEC. *Vulpes zaarensis*.

*Blainv.*, Ost. Atl. G. Canis, p. 28 (description of skeleton).

- a. Skull (imperfect): young. Egypt. Presented by J. Burton, Esq.
- b. Skeleton From the Zoological Society's Collection.—The specimen described by M. de Blainville.
- \*c. Skull. Algiers. From M. Parzudaki's Collection.

The PALE FOX. *Vulpes pallidus*.

*Canis pallidus*, *Rüpp.*, Zool. Atlas, 33. tab. 11.

- \*a. Skull. Sennaar. From M. Parreyss's Collection.

The ASSE. *Vulpes caama*.

- \*a. Skull. S. Africa. From Mr. Turner's Collection.

The AGOUARACHAY. *Vulpes azaræ*.

*Canis azaræ*, *Burmeister*, Faun. Bras. taf. 28. fig. 4, taf. 29. fig. 2 (skull and teeth).—*Blainv.*, Ost. Atl. G. Canis, p. 26. pl. 4 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	21

- a. Skeleton. } Bolivia. From Mr. Bridges' Collection.
- \*b, c, d. Skulls. }
- e. Skull. From the Zoological Society's Collection.

The CULPEO. *Vulpes magellanicus*.

*Canis magellanicus*, *Burmeister*, Faun. Bras. taf. 26. fig. 3 (skull), fig. 3 b (teeth).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	18 (imperfect).

- a, c, e, f. Skulls. } Chili. From Mr. Bridges' Collection.
- b, d. Skeletons. }

**Vulpes brasiliensis.**

*Canis brasiliensis*, *Lund*, Copenh. Trans. 1842, pl. (skull).

\*a. Skull. Brazils. From Dr. Gardiner's Collection.

**Vulpes griseus.**

*Canis griseus*, *Burmeister*, Faun. Bras. p. 48. taf. 28. fig. 3 (skull).

**Vulpes flavicaudus.**

*Canis flavicaudus*, *Burmeister*, Faun. Bras. p. 40. taf. 18. fig. 2 (skull).

**Vulpes vetulus.**

*Canis vetulus*, *Burmeister*, Faun. Bras. taf. 28. fig. 1 (skull), taf. 29 (side view and teeth).

\*a. Skull. Brazils. From Dr. Gardiner's Collection.

b. Skull. Brazils.

**Vulpes fulvipes.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	20

a. Skeleton. Chili. From Mr. Brandt's Collection.

**Vulpes velox.**

*Baird*, Mamm. N. America, pl. 34 (skull).

a. Skull. Arctic regions. From Sir J. Richardson's Collection.

**The ARCTIC FOX. *Vulpes lagopus.***

*Canis lagopus*, *Blainv.*, Ost. Atl. G. Canis, p. 23. pl. 5 (skull), pl. 12 (teeth).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	19

\*a. Skeleton. From Mr. Brandt's Collection.

\*b, c, d. Skulls. From the Zoological Society's Collection.

e. Skeleton.

**The SOOTY FOX. *Vulpes fuliginosus.***

\*a, \*b, \*c, \*d. Skulls. From the Zoological Society's Collection.



## CHRYSOCYON.

*Chrysocyon jubatus*.

*Canis jubatus*, *Burmeister*, Faun. Bras. taf. 26. figs. 1, 2 (skull).

## LYCALOPEX.

Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{2-2}{4-4}$ ; = 44.

*Lycalopex cancrivorus*.

*Burmeister*, Faun. Bras. taf. 27. figs. 1-4 (skull).—*Blainv.*, Ost. Atl. G. Canis, p. 30. pl. 8 (skull).

- a.* Skull. The right side of the lower jaw has six tuberculous teeth, five of which stand in a cluster; the left jaw has only two.  
*b, c.* Skulls. Brazils.

## NYCTEREUTES.

Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{2-2}{3-3}$ ; = 42.

The RACCOON DOG. *Nyctereutes procyonoides*.

*Canis* (*Nyctereutes*) *viverrinus*, *Temm.*, Fauna Japonica, t. 8 (skull).—*Schrenck*, Reise, figs. 2-6.

*Canis procyonoides*, *Schrenck*, Säugth. des Amur-Landes, p. 53. taf. 5 (skeleton), 1858.

Cervical vertebræ	7
Dorsal	13
Lumbar	7
Sacral	3
Caudal	17

\**a.* Skull.

*b.* Skeleton. Japan. From Mr. Frank's Collection.

\**c.* Skull.

*d.* Skeleton. Japan. From Mr. Warwick's Collection.

## ICTICYON.

Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{4-4}$ ; Molars  $\frac{2-2}{2-2}$ ; = 38.

The BLACK-BELLIED ICTICYON. *Icticyon venaticus*.

*Wagner*, Wieg. Archiv, 1843.—*Burmeister*, Faun. Bras. p. 1. taf. 18 (skeleton), taf. 19. figs. 1-6 (skulls), taf. 20 (sternum, feet, and atlas), 1856.

\**a.* Skull. Brazils. From Mr. Brandt's Collection.—The specimen described by Dr. Gray in the Ann. Nat. Hist. 1846, xvii. p. 293.

## LYCAON.

Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{2-2}{3-3}$ ; = 42.

The SIMIS or MELBIA. **Lycaon venaticus.**

*Canis pictus*, *Blainv.*, Ost. Atl. G. *Canis*, pl. 8 (skull, imperfect).

*a.* Skull (lower jaw wanting). From the Zoological Society's Collection.

*b.* Skull. From the Zoological Society's Collection.

## OTOCYON.

Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{4-4}{4-4}$ ; = 48.

The OTOCYON. **Otocyon lalandii.**

*Owen*, Odont. pl. 125. fig. 5 (dentition).

*Canis megalotis*, *Blainv.*, Ost. Atl. G. *Canis*, pl. 4 (skull).—*Laurent et Bazin*, Ann. d'Anat. et de Phys. pl. 1. 8. fig. 1*a, b* (skull and dentition).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	19

\**a.* Skull. Cape of Good Hope. Presented by the Earl of Derby.

*b.* Skull. S. Africa.

*c.* Skeleton. S. Africa. } From the Zoological Society's Collection.

## MARTES.

Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{1-1}{2-2}$ ; = 38.

The PINE MARTEN. **Martes abietum.**

*Mustela martes*, *Blasius*, Faun. Wirb. Deutschl. p. 212. figs. 121, 122 (skull).

*Mustela zibellina*, *Blainv.*, Ost. Atl. G. *Mustela*, pl. 7 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	18 or 19

\**a.* Skull. Altai Mountains. From Mr. Brandt's Collection.

*b.* Skeleton.

\**c.* Skull. Russia. From M. Verreaux's Collection.

*d.* Skull. Russia. } From the Zoological Society's Collection.

*e-g.* Skulls.

- h, i.* Skulls. From Dr. A. Günther's Collection.  
*j.* Skull. From Mr. Yarrell's Collection.

The BEECH MARTEN. **Martes foina.**

*Mustela foina*, *Blainv.*, Ost. Atl. G. *Mustela*, pl. 4 (skeleton), pl. 13 (teeth).  
*Fouine*, *Buff.*, Hist. Nat. vii. p. 161. pl. 21 (skeleton).

- a-c.* Skulls: male. }  
*d.* Skull: female. } S. Germany. From Dr. A. Günther's Collection.  
*e, f.* Skulls. }  
*g, h.* Skeletons. }

The AMERICAN SABLE. **Martes leucopus.**

*Mustela americana*, *Baird*, Mamm. N. America, pl. 36. fig. 2, pl. 37. fig. 1 (skulls).

- a, b.* Skulls. Hudson's Bay. Presented by the Hudson's Bay Company.  
*c.* Skull.  
*d.* Skull. From Mr. Argent's Collection.  
*e.* Skull. From the Zoological Society's Collection.

The JAPANESE SABLE. **Martes melanopus.**

- \**a.* Skull. Japan. From the Leyden Museum.

The WHITE-CHEEKED SABLE. **Martes flavigula.**

- a.* Teeth. Nepal. }  
*b.* The front of the jaws. Nepal. } Presented by  
*c, d.* Skulls of young and half-grown specimens. } B. H. Hodgson, Esq.  
*e.* The skull and bones of the trunk of an adult; the }  
 hinder tubercular grinders broader. Nepal. }  
*f.* Skull. India. } From the Zoological Society's Collection.  
*g.* Skull. }  
*h.* Skull. Nepal. Presented by B. H. Hodgson, Esq.

The PEKAN or WOOD SHOCK. **Martes canadensis.**

*Mustela pennantii*, *Erxl.*, Syst. An. 1777.—*Baird*, Mamm. N. America, pl. 36. fig. 1 (skull and gum-folds).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	20 or 21

- a.* Skull. Hudson's Bay. Presented by the Hudson's Bay Company.  
*b.* Skeleton. N. America. From Mr. Brandt's Collection.  
*c, d.* Skulls. From the Zoological Society's Collection.

## PUTORIUS.

Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{1-1}{2-2}$ ; = 34.

THE POLECAT. *Putorius fœtidus*.

*Mustela putorius*, *Blainv.*, *Ostéog.* pl. 4 (skeleton), pl. 13 (teeth).  
*Fœtorius putorius*, *Blasius*, *Wirbelth.* p. 68. no. 143; *Faun. Wirb.*  
*Deutschl.* p. 222. fig. 125 (skull), 1857.  
*Putois*, *Buff.*, *Hist. Nat.* vii. p. 199. pl. 24 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	15 or 16

a. Skull.

\*b. Skull. Siberia.

c. Skull. England. Presented by John Ray, Esq.

d. Skeleton. England.

e-g. Skulls.

h. Skull. } From Mr. Warwick's Collection.

i. Skeleton. }

j. Skull? From the Zoological Society's Collection.

k. Skull. "Ferret."

l. Skull. "Polecat."

m. Skull.

n. Skull. Nepal. Presented by B. H. Hodgson, Esq.

o-q. Skulls. From Mr. Stevens's sale.

r. Skeleton: male. S. Germany. From Dr. A. Günther's Collection.

## VISON.

Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{1-1}{2-2}$ ; = 34.

THE MINK or VISON. *Vison lutreola*.

*Blainv.*, *Ost. Atl. G.* *Mustela*, pl. 13 (teeth).—*Baird*, *Mamm. N.*  
*America*, pl. 37. figs. 2, 3 (adult and young).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	17

a, b. Skulls. Hudson's Bay. Presented by the Hudson's Bay Company.

c. Skeleton. N. America.

\*d. Skull.

\*e. Skeleton (imperfect). } Europe. Presented by Dr. Kaup.

- f, g.* Skulls. From the Zoological Society's Collection.  
*h.* Skull.  
*i.* Skull. From Mr. Argent's Collection.

**MUSTELA.**

Teeth :—Incisors  $\frac{3-3}{3-3}$  ; Canines  $\frac{1-1}{1-1}$  ; Premolars  $\frac{3-3}{3-3}$  ; Molars  $\frac{1-1}{2-2}$  ; = 34.

The WEASEL. **Mustela vulgaris.**

*Blainv.*, Ost. Atl. G. *Mustela*, pl. 7 (skull), pl. 13 (teeth).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	15

- \**a.* Skull. Siberia.  
*b.* Skull. Siberia ; England. Presented by John Ray, Esq.  
*c.* Skull: female. England.  
*d.* Skeleton: male. England. From Mr. Turner's Collection.  
*e.* Skeleton. From Mr. Warwick's Collection.  
*f.* Skull. From Mr. Yarrell's Collection.  
*g.* Skull. From the Zoological Society's Collection.  
*h.* Skull. Erzerroom. From the Zoological Society's Collection.  
*i.* Skull: albino variety.  
*j.* Skull: male. S. Germany. }  
*k.* Skull: female. } From Dr. A. Günther's Collection.  
*l.* Skeleton: female.

The STOAT or ERMINE. **Mustela erminea.**

Hermine, *Buff.*, Hist. Nat. vii. pl. 29 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	17 or 18

- a-c.* Three skulls. England.  
*d.* Skull. From Mr. Warwick's Collection.  
*e.* Skeleton. From Mr. Warwick's Collection.  
*f.* Skeleton. From Mr. Stevens's sale.  
*g.* Skeleton. England. From Mr. Daniel's Collection.  
*h, i.* Skulls: young. From Mr. Yarrell's Collection.  
*j-l.* Skulls: female.  
*m.* Skull: female, young. }  
*n, o.* Skulls: male? } S. Germany. From Dr. A. Günther's Collection.

The BLACK-FACED WEASEL. *Mustela frenata*.

*Baird*, Mamm. N. America, pl. 77. fig. 1 (skull of adult), fig. 2 (skull of young).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	21

*a.* Skull. Mexico.

\**b.* Skull. N. America.

*c.* Skull. From the Zoological Society's Collection.

\**d.* Skull. New Granada.

*e.* Skeleton. Mexico. From Mr. E. Gerrard's, Jun., Collection.

The YELLOW-CHEEKED WEASEL. *Mustela xanthogenys*.

*Gray*, Voy. of the Sulphur, pl. 17. figs. 4-6 (skull).

\**a.* Skull. Presented by Captain Sir E. Belcher, R.N., C.B.—The specimen figured.

The CHOROK. *Mustela sibirica*.

\**a.* Skull. Siberia. From the Museum of St. Petersburg.

\**b.* Skull.

The ALTAIC WEASEL. *Mustela alpina*.

*a*, \**b*, *c.* Skulls. Altai Mountains. From the Museum of St. Petersburg.

The NAKED-FOOTED WEASEL. *Mustela nudipes*.

*Blainv.*, Ost. Atl. G. *Mustela*, pl. 13 (dentition).

\**a.* Skull. Java.

*b.* Skull. From the Zoological Society's Collection.

*Mustela (Lyncodon) patagonica*.

*D'Orb.*, Voy. ix. pl. 13. fig. 4 (skull).

*Mustela (Putorius) brasiliensis*.

*D'Orb.*, Voy. ix. pl. 13. fig. 3 (skull).

The CATHIA. *Mustela cathia vel auriventer*.

*a.* Skull. India. Presented by B. H. Hodgson, Esq.

The NEPAL WEASEL. *Mustela subhemachalana*.

- a.* Skull. Nepal. Presented by B. H. Hodgson, Esq.  
*b.* Upper portion of a skull. Nepal. Presented by B. H. Hodgson, Esq.

*Mustela itatsi*.

*Temm.*, Fauna Japonica, p. 34. pl. 7. fig. 2 (skull).

- \**a.* Skull. Japan. From M. Verreaux's Collection.

ZORILLA.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{1-1}{2-2}$ ; =34.

The ZORILLE. *Zorilla striata*.

*Blainv.*, Ost. Atl. G. *Mustela*, pl. 13 (teeth).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	15
Lumbar . . . . .	5
Sacral . . . . .	3
Caudal . . . . .	22

- a.* Skull: young. Cape of Good Hope.  
*b.* Skull. N. Africa. From Mr. L. Fraser's Collection.  
*c.* Skeleton: female.  
*d.* Skeleton: male.  
*e.* Skull. Trebizond.  
*f.* Skeleton: male. } From the Zoological Society's Collection.

GALERA.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{1-1}{2-2}$ ; =34.

The TAYRA. *Galera barbara*.

*Galictes barbara*, *Owen*, Odont. pl. 128. figs. 1-3 (dentition), text p. 494.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	23 or 24

- \**a.* Skull. S. America.  
*b.* Skeleton. Brazils. From Mr. Brandt's Collection.  
*c.* Skull (lower jaw wanting). From the Zoological Society's Collection.  
*d.* Skull: young. S. America.

## GRISONIA.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{1-1}{2-2}$ ; =34.

The GRISON or HURON. *Grisonia vittata*.

*Bell*, Trans. Zool. Soc. ii. p. 206. pl. 36 (skull).—*Blainv.*, Ost. Atl. G. Mustela, pl. 13 (teeth).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	15
Lumbar . . . . .	5
Sacral . . . . .	3
Caudal . . . . .	13 (imperfect).

a. Skeleton. From Mr. Brandt's Collection.

b, c. Skeletons. Chili. From Mr. Bridges' Collection.

d. Skull.

e. Skull. From the Zoological Society's Collection.

\*f. Skull.

\*g. Skull: young.

## MELLIVORA.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{1-1}{1-1}$ ; =32.

The RATEL or BHARSIAH. *Mellivora ratel*.

*Blainv.*, Ostéog. G. Mustela, pl. 2 (skeleton), pl. 6 (skull).

*Mellivora capensis*, *Owen*, Odont. pl. 128. fig. 10 (dentition of the left side of the lower jaw), text p. 497.

a, b. Skulls: adult. Nepal. Presented by B. H. Hodgson, Esq.

c. Skull. Nepal.

d. Skull. From the Zoological Society's Collection.

## GULO.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{1-1}{2-2}$ ; =38.

The WOLVERENE. *Gulo luscus*.

*Blainv.*, Ost. Atl. G. Mustela, pl. 7 (skull).

*Gulo borealis*, *Blasius*, Faun. Wirb. Deutschl. p. 208. figs. 119, 120.—*Owen*, Odont. pl. 128. fig. 7 (dental series, left side of both jaws).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	15
Lumbar . . . . .	5
Sacral . . . . .	3
Caudal . . . . .	15 or 16

a. Skull. Altai Mountains. From Mr. Brandt's Collection.

b. Skeleton. From Mr. Brandt's Collection.

c. Skeleton: female. From the Zoological Society's Collection.

\*d. Skeleton. From Dr. Rae's Collection.



## MEPHITIS.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{1-1}{2-2}$ ; =34.

The LARGE-TAILED SKUNK. *Mephitis macroura*.

- \*a. Skull. Mexico. From Mr. Brandt's Collection.  
 b. Skeleton: female. Mexico.

*Mephitis mesomeles*.

*Licht., Voy. de la Vénus, pl. 7. figs. 2-5 (skull), 1846.*

The SKUNK. *Mephitis varians*.

*Baird, Mamm. N. America, pl. 60. fig. 2 (skull).*

- a. Skull. Mexico. From Mr. Brandt's Collection.  
 \*b. Skull.  
 c. Skull. From Mr. Yarrell's Collection.

*Mephitis mephitica*.

*Baird, Mamm. N. America, p. 195, 1859.*

*Mephitis chinga, Blainv., Ostéog. (4. Mustela, pl. 1 (skeleton).*

## CONEPATUS.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{3-3}$ ; Molars  $\frac{1-1}{2-2}$ ; =32.

*Conepatus chipensis*. E/

Cervical vertebræ . . . . .	7
Dorsal . . . . .	16
Lumbar . . . . .	5
Sacral . . . . .	3
Caudal . . . . .	18

- \*a. Skull. Chili. From Mr. Bridges' Collection.  
 b. Skeleton. Chili.  
 \*c. Skull: young.  
 \*d. Skull.  
 \*e. Skull. Chili.

*Conepatus humboldtii*.

*D'Orb., Voy. ix. pl. 4 (skull).*

*Mephitis humboldtii, Blainv., Ost. Atl. G. Mustela, pl. 13 (teeth).—*  
*Owen, Odont. pl. 128. fig. 11 (crowns of the teeth).*

- a. Skull. From the Zoological Society's Collection.

**HELICTES.**

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{1-1}{2-2}$ ; =38.

The HELICTES. **Helictes moschata.**

*Gray*, Proc. Zool. Soc. ii. p. 94.

*Melogale personata*, *Is.-Geoff. St.-Hil.*, Zool. du Voy. Bélanger, pl. 5 (dentition).

*a.* Skull. China. Presented by J. Reeves, Esq.

**Helictes orientalis.**

\**a.* Skull. Java. From Mr. Argent's Collection.—This skull has one extra premolar tooth in the right upper jaw.

The NEPAL HELICTES. **Helictes nipalensis.**

*a.* Skull (imperfect at the occiput). Nepal. Presented by B. H. Hodgson, Esq.

**MYDAUS.**

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{1-1}{2-2}$ ; =34.

The STINKARD or TELEDU. **Mydaus meliceps.**

*Horsfield*, Zool. Researches in Java, *c-g* (skull and dentition).

*Mydaus javanicus*, *Blainv.*, Ostéog. G. Subursus, pl. 1 (skeleton).

*a.* Skull. From the Zoological Society's Collection.

**ARCTONYX.**

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{2-2}$ ; Molars  $\frac{1-1}{2-2}$ ; =32.

The BALISAUR or SAND BEAR. **Arctonyx collaris.**

*Owen*, Odont. pl. 128. fig. 12 (dentition).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	16
Lumbar . . . . .	4
Sacral . . . . .	4
Caudal . . . . .	19

*a.* Skull. India. Presented by General Hardwicke.

*b. c.* Skeletons. From the Zoological Society's Collection.

*d.* Skull. China.

## TAXIDEA.

Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{1-1}{2-2}$ ; = 34.

The BRAIBO or LACYOTL. *Taxidea labradoria*.

*Waterh.*, Trans. Zool. Soc. ii. p. 348. pl. 59 (skull).—*Baird*, Mamm. N. America, p. 202. pl. 39. fig. 2 (upper jaw), 1859.

- \**a.* Skull. N. America. Presented by J. Gould, Esq.  
*b.* Skull; young. N. America. From the Zoological Society's Collection.  
 \**c.* Skull. Texas.—*Taxidea berlandieri*, Baird, Mamm. N. America, p. 205. pl. 39. fig. 1 *a-e* (skull), 1859.  
*d.* Skull. From the Zoological Society's Collection.—The specimen figured in the Trans. Zool. Soc. ii.

## MELES.

Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{4-4}$ ; Molars  $\frac{1-1}{2-2}$ ; = 36.

The BADGER. *Meles taxus*.

*Blainr.*, Ost. G. Subursus, pl. 2 (skeleton), pl. 6 (skull).—*Pander et d'Alton*, Vergleichende Osteologie, pl. 7 (skeleton).—*Blasius*, Faun. Wirb. Deutschl. p. 203. figs. 117, 118 (skull).  
*Blaireau*, *Buffon*, Hist. Nat. vii. p. 104. pl. 10 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	15
Lumbar . . . . .	5
Sacral . . . . .	3
Caudal . . . . .	16

- a.* Skeleton.  
*b.* Skull.  
*c.* Skull; young. England.  
*d, e.* Skulls. From the Zoological Society's Collection.  
*f.* Bones of body.  
*g.* Skull. From Mr. Argent's Collection.  
*h-l.* Skulls. From the Zoological Society's Collection.  
*m.* Skull; male. Silesia. From Dr. A. Günther's Collection.

The TAMPHA. *Meles leucura*.

- a.* Skull. Bhote Plains. Presented by B. H. Hodgson, Esq.

The JAPAN BADGER. *Meles anakum*.

*Temm.*, Fauna Japonica, tab. 6. figs. 2-6 (skull).

- \**a.* Skull. Japan. From Mr. Frank's Collection.

**LONTRA.**

Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{3-3}$ ; Molars  $\frac{1-1}{2-2}$ ; = 36.

The LONTRA. **Lontra brasiliensis.**

Cervical vertebræ.....	7
Dorsal .....	15
Lumbar .....	5
Sacral .....	3
Caudal .....	23 or 24

\*a. Skull. Brazils.

b. Skeleton. Brazils. From Mr. Brandt's Collection.

c. Skeleton: female. Brazils. From Mr. Brandt's Collection.

**LUTRA.**

Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{3-3}$ ; Molars  $\frac{1-1}{2-2}$ ; = 36.

The MOUNTAIN OTTER. **Lutra monticola.**

a-c. Three skulls: two adult and one young. }  
 Nepal. } Presented by  
 d. Skull, much narrower between the orbits. } B. H. Hodgson, Esq.  
 e, f. Skulls. Nepal. }

**Lutra nais.**

a. Skull: male, young. Tenasserim. Presented by Professor Oldham.

The OTTER. **Lutra vulgaris.**

*Blainv.*, Ost. Atl. G. *Mustela*, pl. 5 (skeleton), pl. 7 (skull).—*Owen*,  
 Odont. pl. 128. figs. 4-6; Odont., Article in *Encycl. Brit.* p. 461.  
 fig. 108 (teeth of the upper jaw).

*Lontra*, *Buff.*, *Hist. Nat.* vii. p. 134. pl. 17 (skeleton).

Cervical vertebræ.....	7
Dorsal .....	14
Lumbar .....	6
Sacral .....	3
Caudal .....	23 or 24

a. Bones of the body. England.

b. Skeleton (imperfect). From Mr. Stevens's sale.

c. Skull. From Mr. Argent's Collection.

d. Skull. From Mr. William's Collection.

e. Skull: young.

f. Skeleton: female. } From the Zoological Society's Collection.  
 g-k. Skulls. }

l. Skull: male.

m. Skull: young. } Silesia. From Dr. A. Günther's Collection.

**Lutra chilensis.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	15
Lumbar . . . . .	5
Sacral . . . . .	3
Caudal . . . . .	28

- a. Skeleton. }  
 b, c. Skulls. } Chili. From Mr. Bridges' Collection.  
 d. Skull. Chili. From the Zoological Society's Collection.

**Lutra pratensis.**

*Waterh.*, Voy. of the Beagle, pl. 40. fig. 4a.—*D'Orb.*, Voy. ix. pl. 15. figs. 2-4 (skulls).

- a. Skull. Presented by Charles Darwin, Esq.—The specimen figured in the 'Voy. of the Beagle.'

**Lutra felina.**

*Molina*, Historia de Chili, pl. 2 (skull and dentition).

**Lutra canadensis.**

*Baird*, Mamm. N. America, p. 184. pl. 38 (skull), 1859.

- a. Skull. From the Zoological Society's Collection.

**Lutra barang.**

- a. Skull. From the Zoological Society's Collection.

**Lutra grayii.**

- a. Skull. Port Natal, S. Africa. From M. Verreaux's Collection.

**AONYX.**

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{3-3}$ ; Molars  $\frac{1-1}{2-2}$ ; = 36.

The NEPAL WARGUL. **Aonyx indigitatus.**

- a. Front of the jaws of a half-grown animal. Nepal. Presented by B. H. Hodgson, Esq.

**Aonyx inunguis.**

*Blainv.*, Ost. Atl. G. Mustela, p. 24. pl. 8 (skull).

- \*a. Skull. Gambia. Presented by the Earl of Derby.

The WARGUL. **Aonyx leptonyx.**

- a. Skull. From the Zoological Society's Collection. Collected by Sir T. Stamford Raffles.  
 b. Skull. "Newfoundland" (??). From Mr. Argent's Collection.

## ENHYDRA.

Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{1-1}{2-2}$ ; = 34.

The KALAN or SEA OTTER. *Enhydra lutris*.

*Lutra marina*, *Blainv.*, Ost. Atl. G. *Mustela*, p. 24. pl. 8 (skull, young).  
—*Owen*, Odont. pl. 128. fig. 12 (crown of the teeth).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	18

- \**a.* Skull: very young. California. Presented by Captain Sir Edward Belcher.  
*b.* Skeleton: adult. California. From the Zoological Society's Collection.  
*c.* Skull. California. Presented by J. H. Gurney, Esq., M.P.

## Fam. 2. URSIDÆ.

## URSIUS.

Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{2-2}{3-3}$ ; = 42.

The MUSQUAU or AMERICAN BLACK BEAR. *Ursus americanus*.

*Blainv.*, Ost. Atl. G. *Ursus*, p. 28. pl. 5 (skulls, adult and young), pl. 12 (dentition).—*Cuv.*, Oss. Foss. iv. p. 380. pl. 22 (skull).—*Baird*, Mamm. N. America, p. 225. pl. 43. figs. 10-13, 1859.—*Owen*, Odont., Art. in Encycl. Brit. p. 462. fig. 109 (skull), fig. 110 (milk teeth).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	(imperfect).

- a.* Skull. Hudson's Bay. From Dr. Mantell's Collection.  
*b.* Skull. North America.  
*c.* Skull: adult. North America.  
*d.* Skull. From Mr. Argent's Collection.  
*e.* Skeleton.  
*f.* Skull: young. From M. Parzudaki's Collection.  
*g.* Skeleton. } From the Zoological Society's Col-  
*h-j.* Skulls: adult and young. } lection.

The CINNAMON BEAR. *Ursus cinnamoneus*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14

Lumbar vertebræ . . . . .	6
Sacral . . . . .	5
Caudal . . . . .	8 or 9

\*a. Skeleton. From the Zoological Society's Collection.

The SPECTACLED BEAR. **Ursus ornatus.**

*Blainv.*, Ost. Atl. G. Ursus (skeleton), pl. 8 (skulls), pl. 12 (dentition).

The BEAR. **Ursus arctos.**

*Blainv.*, Ost. Atl. G. Ursus, pl. 3 (skeleton), pl. 7 (skulls, adult and young).—*Cur.*, Oss. Foss. iv. p. 380. pl. 21 (skull).—*Blasius*, Faun. Wirb. Deutschl. p. 195. figs. 115, 116 (skull), 1857.—*Baird*, Mamm. N. America, pl. 43. figs. 1-9 (skull, immature), 1859.—*Owen*, Odont. pl. 130. figs. 3-6 (dentition), 1840-45; Brit. Foss. p. 77. fig. 24 (skull), 1846.

*Var.*, Ursus cadaverinus, *Eversm.*, Bull. Soc. Imp. Mosc. p. 11. tab. 1 (skull), 1840.

*Var.*, Ursus longirostris, *Eversm.*, Bull. Soc. Imp. Mosc. p. 11. tab. 1. fig. 2 (skull), 1840.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	5
Caudal . . . . .	9

\*a. Skull. Sweden. Presented by the Earl of Selkirk.

b. Skeleton. Norway. From Mr. Brandt's Collection.—*Ursus norvegicus* (Ours brun de Norvège), *Blainv.*, Ost. Atl. pl. 7 (skull).

d. Skeleton. "Brown Bear." From the Zoological Society's Collection.

e. Skull. From Mr. Stevens's sale.

The GRIZZLY BEAR. **Ursus ferox.**

*Richardson*, Fauna Boreali-Americana, p. 26. pl. 1 (skull), 1829.—*Geoff. St.-Hil.*, Voy. de la Vénus, i. p. 123. pl. 5 (skeleton), 1855.—*Max. von Wied & Mayer*, Verh. K. L. C. Acad. der Naturf. 1857, xxvi. pl. 4 (skull).

*Ursus* (Arctos) ferox, *Blainv.*, Ost. Atl. pl. 2 (skeleton), pl. 6 (skulls of adult male and young), pl. 12 (dentition).

*Ursus horribilis*, *Baird*, Mamm. N. America, p. 219. pl. 41 (skull, very old), pl. 40 (skull, young), 1859.

a, b. Skulls.

The RITCH or DUBB. **Ursus isabellinus.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	5
Caudal . . . . .	7 (imperfect).

\*a. Skull. From the Zoological Society's Collection.

- \**b.* Skull. Syria. From the Zoological Society's Collection.  
*c.* Skull: female. }  
*d.* Skull: male. } Cashmere. From Lieut. Abbott's Collection.  
*e.* Skull: young. }  
*f.* Skull. Kashmir. Presented by Professor Oldham.  
*g.* Skeleton: male. Syria. From the Zoological Society's Collection.  
*h.* Front of lower jaw, with a small piece of skin attached. Thibet.  
 Presented by B. H. Hodgson, Esq.

### HELARCTOS.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{2-2}{3-3}$ ; = 42.

#### The THIBET BEAR. *Helarctos tibetanus.*

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	5
Caudal . . . . .	9

- a.* Skull of female twenty months old. }  
*b, c, d.* Three skulls, of different ages. } Nepal. Presented by B. H.  
*e.* Skull of a just-born specimen. } Hodgson, Esq.  
*f.* Skull: adult. }  
*g, h.* Skulls. }  
*i.* Skull: young. Darjeeling. Presented by Professor Oldham.—  
 “*Ursus (hindaiicus) arboreus*,” Oldham.  
*j.* Skeleton: female. From the Zoological Society's Collection.

#### The BRUANG. *Helarctos malayanus.*

*Blainr.*, Ost. Atl. G. *Ursus*, pl. 8 (skull), pl. 12 (dentition).—*Cur.*,  
 Oss. Foss. iv. pp. 324, 380. pl. 23.

- a.* Skeleton. From the Zoological Society's Collection.

#### The BORNEAN BRUANG. *Helarctos eurypilus.*

- a.* Skull. From the Zoological Society's Collection.  
*b.* Skull. Sarawak, Borneo. From Mr. Wallace's Collection.  
*c.* Skull: half-grown.

### MELURSUS.

#### The ASWAIL. *Melursus lybius.*

*Ursus labiatus*, *Blainr.*, Ost. Atl. G. *Ursus*, pl. 8 (skull), pl. 12 (teeth).  
 —*Cur.*, Oss. Foss. iv. p. 322. pl. 23. figs. 3 & 4 (skulls).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	15



Lumbar vertebræ.....	5
Sacral .....	5
Caudal .....	12

\*a. Skull and bones of body.

b. Skull. Nepal. Presented by B. H. Hodgson, Esq.

c, d. Skulls. Northern Circars.

e. Skull. From Dr. Mantell's Collection.

f. Skull. Nepal. Presented by B. H. Hodgson, Esq.

g. Skull. From the Zoological Society's Collection.

h. Skull. Hazareebagh, India. Presented by Professor Oldham.

i. Skeleton. From the Zoological Society's Collection.

j. Skull. From the Zoological Society's Collection.

**THALARCTOS.**

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{2-2}{3-3}$ ; = 42.

The NENNOOK or POLAR BEAR. *Thalarctos maritimus.*

*Ursus maritimus*, *Blainv.*, Ost. Atl. G. *Ursus*, pl. 1 (skeleton), pl. 5 (skull), pl. 12 (dentition of male).—*D'Alton*, Vergleichende Osteologie, p. 3 (skeleton).—*Spix*, Cephalogenesis, taf. 6. fig. 16. —*Cuv.*, Oss. Foss. iv. p. 327. pl. 20, pl. 21. fig. 4 (skulls).—*Baird*, Mamm: N. America, p. 229. pl. 44, 1859.—*Van der Hoeven*, Verz. der Platen, pl. 20. fig. 13 (hind foot).—*Pallas*, Spicil. Zool. ii. fasc. 14 (skull), 1776.

Cervical vertebræ.....	7
Dorsal .....	14
Lumbar .....	6
Sacral .....	5
Caudal .....	(imperfect).

a. Skull. Arctic Ocean. From Dr. Mantell's Collection.

b, c. Skulls. Greenland.

d, e, f. Skulls. North Sea.

g. Skull: adult. North Sea.

h. Skull. From Mr. Argent's Collection.

i. Skeleton. From Mr. Warwick's Collection.

j. Skull.

**PROCYON.**

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{2-2}{2-2}$ ; = 40.

The RACCOON. *Procyon lotor.*

*Blainv.*, Ost. Atl. G. *Subursus*, pl. 3 (skeleton), pl. 11 (dentition).—*Owen*, Odont. pl. 129. figs. 2-7 (dentition).

*Raton*, *Buff.*, Hist. Nat. viii. p. 356. pl. 46 (skeleton).

Cervical vertebræ.....	7
Dorsal .....	14

Lumbar vertebræ . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	18

a. Skeleton. North America.

b. Skull.

\*c. Skull: young. S. America. From Mr. Warwick's Collection.

d. Skeleton.

e, f. Skulls. From the Zoological Society's Collection.

g. Skull (? fœtus). From the Zoological Society's Collection.

h. Skull: male. From Dr. A. Günther's Collection.

#### The PSORA. *Procyon psora*.

*Gray*, Zool. Sulphur, pl. 17. figs. 1-3 (skull).

\*a. Skull. California. Presented by Captain Sir E. Belcher, R.N., C.B.—The specimen figured.

#### The BLACK-FOOTED RACCOON. *Procyon hernandezii*.

*Baird*, Mamm. N. America, p. 212. pl. 40.

#### The AGOUARA. *Procyon cancrivora*.

*Blainv.*, Ost. Atl. G. Subursus, pl. 6 (skull), pl. 11 (dentition).—*Vander Hoeven*, Acad. Exp. xix. tab. 20. figs. 2, 3, 5 (skull and dentition).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	20

\*a. Skull.

b. Skeleton: male. From Mr. Brandt's Collection.

c. Skeleton. From the Zoological Society's Collection.

### AILURUS.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{2-2}{2-2}$ ; =36.

#### The WAH. *Ailurus fulgens*.

*Blainv.*, Ost. Atl. G. Subursus, pl. 7 (skull, imperfect), pl. 11 (dentition).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	(imperfect).

a. Teeth. Nepal.

b. The front of the jaws. Nepal. } Presented by B. H. Hodgson, Esq.

c. Skull. Nepal.

- d, e.* Two skulls, differing in the width of the muzzle. Nepal. } Presented by B. H. Hodgson, Esq.  
*f.* Bones of body and limbs. From the Zoological Society's Collection.  
*g.* Skull. Darjeeling. Presented by Professor Oldham.—*Ailurus ochraceus*, Oldham.  
*h.* Skull. From Mr. William's Collection.

**NASUA.**

Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{2-2}{2-2}$ ; = 40.

The COMAL. *Nasua rufa.*

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	14 (imperfect).

- a.* Skull. S. America.  
*b.* Skull. S. America. From the Zoological Society's Collection.  
*c.* Skeleton. S. America.  
*d.* Bones of body.  
*e.* Skull.  
*f.* Skeleton: young male. From Dr. A. Günther's Collection.

The NARICA or QUASJE. *Nasua narica.*

*Blainv.*, Ost. Atl. G. Subursus, pl. 11.—*Van der Hoeren*, Acad. Exp. xix. tab. 20. figs. 1, 4, 6 (skull and dentition).—*Owen*, Odont. pl. 129. figs. 8-13 (dentition).

- a.* Skull. Tropical America.  
*b.* Skeleton. Tropical America.  
*c, d.* Skulls. From Mr. Bridges' Collection.  
*e.* Skull: young. From Mr. Warwick's Collection.  
*f, g.* Skeletons. From Mr. Cross's Collection.  
*h-m.* Skulls. From the Zoological Society's Collection.

**CERCOLEPTES.**

Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{2-2}{2-2}$ ; = 36.

The POTTO or KINKAJOU. *Cercoleptes caudivolvulus.*

*Blainv.*, Ost. Atl. G. Subursus, pl. 5 (skeleton), pl. 7 (skull), pl. 11 (dentition).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	15
Lumbar . . . . .	5
Sacral . . . . .	3
Caudal . . . . .	25 or 26

- a.* Skeleton. From Mr. Frank's Collection.  
*b.* Skeleton (imperfect). From the Zoological Society's Collection.

## Fam. 3. TALPIDÆ.

## TALPA.

Teeth :—Inisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{3-3}{3-3}$ ; = 44.

The MOLE. *Talpa europæa*.

*Pander und d'Alton*, Vergl. Ost. no. xii. pl. 5 (skeleton).—*Spix*, Cephalogenesis, tab. 7. fig. 3 (skull).—*Jacobs*, Opuscula Zoologica, p. 419, *Talpæ Europææ Anat.*, figs. 1-28 (skull and skeleton).—*Blainv.*, Ost. Atl. G. Insectiv. pl. 1 (skeleton), pl. 5 (skull), pl. 10 (teeth).—*Owen*, Odont. pl. 110. fig. 3 (dentition); Brit. Foss. p. 19. fig. 9, 1846.—*Blasius*, Faun. Wirb. Deutschl. p. 107. fig. 70 (skull), 1857.—*Martin*, Nat. Hist. p. 84 (skeleton).—*Blyth*, Journ. As. Soc. Beng. p. 2. pl. fig. 3 (skull), 1850.

*Taupe*, *Buff.*, Hist. Nat. viii. pl. 12. fig. 2 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	6
Caudal . . . . .	11

- a.* Skeleton. Europe. Presented by General Hardwicke.  
*b, c.* Skulls. Europe.  
*d.* Skull. England.  
*e, f.* Skeletons: male and female. England. From Mr. Daniel's Collection.  
*g, h.* Skulls: male. S. Germany. }  
*i.* Skull: female. Silesia. } From Dr. A. Günther's Col-  
*j.* Skeleton. S. Germany. } lection.  
*k.* Skeleton. Near Egham, Surrey. Presented by F. Heis, Esq.

The SHORT-TAILED MOLE. *Talpa micrura*.

*Hodgson*, Journ. As. Soc. Beng. p. 2. pl. fig. 2 (skull), 1850.

- \**a.* Skull. Nepal. Presented by B. H. Hodgson, Esq.

*Talpa leucura*.

*Blyth*, Journ. As. Soc. Beng. p. 215. pl. fig. 1 (skull), 1850.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	6
Caudal . . . . .	8 or 9

- a.* Skeleton. Khasya Hills. From Mr. Bartlett's Collection.

**Talpa moorgura.***Siebold*, Fauna Japonica, p. 11. figs. 1-6 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	6
Caudal . . . . .	12

- \**a.* Skull. Japan. From M. Verreaux's Collection.  
*b.* Skeleton. Japan. From Mr. Frank's Collection.

**ASTROMYCTES.**Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{3-3}{3-3}$ ; = 44.The RATIATED MOLE. **Astromyctes cristatus.***Talpa* (*Condylurus*) *cristatus*, *Blainv.*, Ost. Atl. Insectiv. pl. 1 (skel-  
leton), pl. 5 (skull).**UROTRICHUS.**Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Canines  $\frac{1-1}{0-0}$ ; Molars  $\frac{8-8}{7-7}$ ; = 36.**Urotrichus talpoides.***Temm.*, Fauna Japonica, pl. 4. fig. 8 (skeleton), figs. 9, 10, 11 (skulls).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	5
Caudal . . . . .	14

- a.* Skeleton. Japan. From Mr. Frank's Collection.

**Urotrichus gibbsii.***Baird*, Mamm. N. America, pl. 28 (skull), 1859.**SCALOPS.**Teeth :—Incisors  $\frac{3-3}{2-2}$ ; Canines  $\frac{1-1}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 36.The SCALOPS or SHREW MOLE. **Scalops aquaticus.***Owen*, Odont. pl. 110. fig. 2, text p. 414 (dentition).—*Blainv.*, Ost.  
Atl. Insectiv. pl. 5 (skull).

- \**a.* Skull. N. America.  
*b, c.* Skulls. S. Carolina. From the Zoological Society's Collection.

The OREGON MOLE. *Scalops townsendii*.*Baird*, Mamm. N. America, pl. 30. figs. 1, 3 (skulls), 1859.\**a*. Skull. N. America. From the Zoological Society's Collection.The Hairy-tailed Mole. *Scalops breweri*.*Baird*, Mamm. N. America, pl. 30. fig. 2 (skull), 1859.\**a*. Skull. N. America. From the Zoological Society's Collection.

## CHRYSOCHLORIS.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{1-1}{2-2}$ ; Molars  $\frac{6-6}{5-5}$ ; = 40.The CHANGEABLE MOLE. *Chrysochloris holosericea*.\**a*, \**b*. Skulls. Cape of Good Hope.\**c*, \**d*. Skulls. South Africa.*Chrysochloris capensis*.*Owen*, Odontology, Art. in Encycl. Brit. new edit. p. 450 (dentition).*Chrysochloris aurea*.*Blainv.*, Ost. Atl. pl. 5 (skull).*Chrysochloris obtusirostris*.*Peters*, Naturw. Reise nach Mossambique, p. 70. pl. 22. figs. 18-23 (skulls).

## TUPAIA.

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 36.The BANGSRING. *Tupaia javanica*.*Horsfield*, Zool. Researches in Java, *o-q* (dentition).Hylogalea javanica, *Müller*, S. Verh. Nat. Gesch. pl. 27. figs. 11-14 (skulls).\**a*. Skull. Java.\**b*, \**c*. Skulls. Singapore.The TUPAIA. *Tupaia tana*.*Horsfield*, Zool. Researches in Java, *i-l* (dentition).Glisorex tana, *Blainv.*, Ost. Atl. Insectiv. pl. 5 (skull).—*Owen*, Odont. pl. 111. fig. 3 (dentition).Hylogalea tana, *Müller*, S. Verh. Nat. Gesch. pl. 27. figs. 11-14 (skulls).*a*, \**b*, \**c*. Skulls.*d*. Lower jaw. Sumatra. From Sir T. Stamford Raffles's Collection.

The PRESS. *Tupaia ferruginea*.*Horsfield*, Zool. Researches in Java, *m, n* (dentition).*Glisorex ferruginea*, *Blainv.*, Ostéog. G. Tupaia, pl. 3 (skull).*Hylogalea ferruginea*, *Müller*, S. Verh. Nat. Gesch. tab. 27. figs. 7, 8 (skulls).*a.* Skull. From Sir T. Stamford Raffles's Collection.*b.* Skeleton. Pinang. Presented by the East India Board.*Tupaia elliottii*.*a, \*b.* Skulls. Madras. Presented by W. Elliott, Esq.*Tupaia murina*.*Hylogalea murina*, *Müller*, S. Verh. Nat. Gesch. pl. 27. figs. 17, 18 (skulls).

## HYLOMYS.

*Hylomys suillus*.*Müller*, S. Verh. Nat. Gesch. pl. 25. figs. 4, 7 (skull).

## PTILOCERCUS.

Teeth :—Incisors  $\frac{2-2}{3-3}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{4-4}{4-4}$ ; = 38.*Ptilocercus lowii*.*Gray*, Voy. of H.M.S. Samarang, pl. (skull).*\*a.* Skull: the specimen figured. Borneo. From Mr. Low's Collection.

## MACROSCELIDES.

Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{4-4}{4-4}$ ; = 48.The ELEPHANT SHREW. *Macroscelides proboscideus*.*Macroscelides typicus*, *Smith*, Zool. Journ. iv. p. 436; Illustr. Zool.S. Africa, pl. 15. fig. 1 *a-d* (skulls).—*Durvernoy*, Mém. de la Soc. d'Hist. Nat. de Strasbourg, i. p. 21. pl. 2. F. E. D. 2 (skull), 1830.*\*a.* Skull. Cape of Good Hope. From the Stockholm Museum.*b.* Skull. Cape of Good Hope. Presented by Sir A. Smith.The SHORT-NOSED ELEPHANT SHREW. *Macroscelides brachyrhynchus*.*A. Smith*, Illustr. Zool. S. Africa, pl. 15. fig. 4 *a-c* (skull).*a.* Skull. S. Africa. Presented by Sir A. Smith.The INTUFI ELEPHANT SHREW. *Macroscelides intufi*.*A. Smith*, Illustr. Zool. S. Africa, pl. 15. fig. 3 *a-c* (skull).*a.* Skull. S. Africa. Presented by Sir A. Smith.

The NAMAQUA ELEPHANT SHREW. **Macroscelides rupestris.***Smith*, Illustr. Zool. S. Africa, pl. 15, fig. 2 *a-c* (skull).*a.* Skull. S. Africa. Presented by Sir A. Smith.**Macroscelides d'Alger.***Duvernoy*, Mém. de la Soc. d'Hist. Nat. de Strasbourg, i. pp. 1, 19, pl. 2, fig. D (skeleton).**Macroscelides rozeti.***Blainv.*, Ost. Atl. Insectiv. pl. 3 (skull).**Macroscelides fuscus.***Peters*, Naturw. Reise nach Mossambique, Säugth. i. p. 87, pl. 22, figs. 13-17 (skulls).**PETRODROMUS.****Petrodromus tetradactylus.***Peters*, Naturw. Reise nach Mossambique, Säugth. i. p. 92, pl. 22, figs. 3-12 (skulls).**RHYNCHOCYON.****Rhynchocyon cirnei.***Peters*, Naturw. Reise nach Mossambique, Säugth. i. p. 106, pl. 22, figs. 1-7 (skulls), pl. 23 (skeleton).**SOREX.**Teeth :—Incisors  $\frac{2}{2}$ ; Canines  $\frac{1-1}{0-0}$ ; Premolars  $\frac{3-3}{2-2}$ ; Molars  $\frac{4-4}{3-3}$ ; =30.The MONTJOUROU or SONDELI. **Sorex murinus.***Sorex indicus*, *Temm.*, Fauna Japonica, tab. 4, fig. *bb* (skull).—*Geoff. St.-Hil.*, Mém. du Mus. i. pl. 15, fig. 2 (skull).—*Duvernoy*, Mém. de la Soc. d'Hist. Nat. de Strasbourg, ii. pl. 2, fig. 1, 1835.  
*Sorex myosorus*, *Blainv.*, Ost. Atl. pl. 2 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	15
Lumbar . . . . .	5
Sacral . . . . .	4
Caudal . . . . .	17 or 18

*a.* Skull. India. Presented by W. Elliott, Esq.*b, c.* Skulls. Nepal. Presented by B. H. Hodgson, Esq.



- d. Skull. India. Presented by Sir A. Smith.  
 e. Skeleton. Ceylon. From Mr. Cuming's Collection.  
 f. Skeleton. From Mr. Yarrell's Collection.  
 \*g. Skull. Japan. From Mr. Frank's Collection.—*Sorex sjakonesuma*, Temm., Fauna Japonica, p. 26.  
 h. Skull. Ceylon.

**Sorex rutilus.**

- \*a, \*b. Skulls. S. Africa.

**Sorex cooperi.**

*Baird*, Mamm. N. America, pl. 26 (skull), 1859.

**Sorex vagans.**

*Baird*, Mamm. N. America, pl. 26 (skull), 1859.

**Sorex trowbridgii.**

*Baird*, Mamm. N. America, pl. 26 (skull), 1859.

**Sorex thompsonii.**

*Baird*, Mamm. N. America, pl. 27 (skull), 1859.

**Sorex haydenii.**

*Baird*, Mamm. N. America, pl. 27 (skull), 1859.

**Sorex suckleyi.**

*Baird*, Mamm. N. America, pl. 27 (skull), 1859.

**Sorex pachyurus.**

*Baird*, Mamm. N. America, pl. 27 (skull), 1859.

**Sorex hoyi.**

*Baird*, Mamm. N. America, pl. 27 (skull), 1859.

**Sorex platyrhinus.**

*Baird*, Mamm. N. America, pl. 27 (skull), 1859.

**Sorex forsteri.**

*Gapp.*, Zool. Journ. v. p. 201, pl. 7 (skull), 1835.—*Baird*, Mamm. N. America, pl. 30, fig. 4 (skull), 1859.

**Sorex berlandieri.**

*Baird*, Mamm. N. America, pl. 28 (skull), 1859.

The ETRUSCAN SHREW. **Sorex etruscus.***Laurent et Bazin*, Ann. d'Anat. et Phys. ii. pl. 4 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	3 (?)
Caudal . . . . .	15

a. Skeleton. Italy.

**Sorex platycephalus.***Siebold*, Fauna Japonica, pl. 4. fig. a, a (skull).**Sorex kinczumi.***Siebold*, Fauna Japonica, pl. 4. fig. c, c (skull).**Sorex gracilis.***Laurent et Bazin*, Ann. d'Anat. et Phys. ii. pl. 4. fig. 5 (skull).

## BLARIA.

The MEXICAN SHREW. **Blaria mexicana.**

\*a. Skull. Coban, S. America.

**Blaria talpoides.***Baird*, Mamm. N. America, pl. 30. fig. 7 (skull), 1859.  
*Sorex talpoides*, *Gapp.*, Zool. Journ. v. p. 202. pl. 8 (skull).—*Laurent et Bazin*, Ann. d'Anat. et Phys. ii. pl. 5. fig. 7 (skull).

a. Skull.

**Blaria exilipes.***Baird*, Mamm. N. America, pl. 27 (skull), 1859.**Blaria brevicauda.***Baird*, Mamm. N. America, pl. 30. fig. 5 (skull), 1859.  
*Sorex brevicauda*, *Blainv.*, Ost. Atl. Insectiv. pl. 5 (skull).**Blaria angusticeps.***Baird*, Mamm. N. America, pl. 30. fig. 7 (skull), 1859.**Blaria carolinensis.***Baird*, Mamm. N. America, pl. 30. fig. 8 (skull), 1859.

a. N. America.

**Blaria cinerea.***Baird*, Mamm. N. America, pl. 30. fig. 9 (skull), 1859.

**CORSIRA.**The BLACKISH SHREW. *Corsira nigrescens*.

\*a. Skull. India.

**Corsira alpina.***Blasius*, Faun. Wirb. Deutschl. p. 124. fig. 82, 1857.

\*a, b. Skulls. St. Gothard. Presented by M. de Selys Longchamps.

\*c. Skull. Helvetia.

\*d. Skull. St. Gothard.

\*e. Skull. Switzerland.

The ERDSHREW. *Corsira vulgaris*.*Gray*, Proc. Zool. Soc. 1837, p. 124.*Sorex vulgaris*, *Blasius*, Faun. Wirb. Deutschl. p. 124. fig. 83, p. 129. fig. 86 (skull), 1857.*Sorex constrictus*, *Geoff. St.-Hil.*, Mém. du Mus. i. pl. 15. fig. 7 (skull).*Amphisorex hermanni*, *Duvernoy*, Mém. de la Soc. d'Hist. Nat. de Strasbourg, ii. pl. 2. fig. 7 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	14

a. Skull. England. Presented by Mr. E. Gerrard.

b. Skeleton. Stratford-on-Avon. Presented by R. F. Tomes, Esq.

c. Skeleton. England. From Mr. Warwick's Collection.

d. Skeleton. England. From Mr. Daniel's Collection.

e. Skull. From Mr. Yarrell's Collection.

The TROPICAL SHREW. *Corsira tropicalis*.

\*a. Skull. Coban, S. America.

The RUSTIC SHREW. *Corsira rustica*.

\*a. Skull. St. Gothard.

**CROCIDURA.**The WHITE-BELLIED SHREW. *Crocidura leucodon*.*Blasius*, Faun. Wirb. Deutschl. pp. 138, 140. figs. 90, 93, 1857.

\*a. Skull. From M. Sundevall's Collection.

**Crocidura sacralis.***Peters*, Naturw. Reise nach Mossambique, Säugth. i. p. 82. pl. 18. fig. 3a (skull), pl. 22. fig. 24 (skull).

**Crocidura annellata.**

*Peters*, Naturw. Reise nach Mossambique, Säugth. i. p. 85. pl. 18. fig. 5a (skull).

**Crocidura canescens.**

*Peters*, Naturw. Reise nach Mossambique, Säugth. i. p. 82. pl. 18. fig. 4a (skull).

**Crocidura hirta.**

*Peters*, Naturw. Reise nach Mossambique, Säugth. i. p. 78. pl. 18. fig. 2a (skull).

The SHREW MOUSE. **Crocidura aranea.**

*Blasius*, Faun. Wirb. Deutschl. pp. 138, 144. fig. 94, 1857.—*Laurent et Bazin*, Ann. d'Anat. et Phys. ii. pl. 5 (skull).—*Duvernoy*, Mém. de la Soc. d'Hist. Nat. de Strasbourg, ii. pl. 2. fig. 2 (skull).

\*a. Skull. Germany.

b. Skull. From Mr. Yarrell's Collection.

**CROSSOPUS.**The WATER SHREW. **Crossopus fodiens.**

*Blasius*, Faun. Wirb. Deutschl. p. 119. figs. 78, 80 (skull), 1857.—*Laurent et Bazin*, Ann. d'Anat. et Phys. ii. pl. 4. fig. 3 (skull).  
Hydrosorex fodiens, *Duvernoy*, Mém. de la Soc. d'Hist. Nat. de Strasbourg, ii. pl. 2. fig. 4 (skull).  
Musaraigne d'eau, *Buff*, Hist. Nat. viii. p. 65. pl. 11 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	17

a. Skull. Epping. Presented by H. Doubleday, Esq.

b. Skull. England.

\*c. Skull. Helvetia.

d. Skeleton. England. From Mr. Warwick's Collection.

**GALEMYS.**

Teeth :—Incisors  $\frac{3-3}{2-2}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{5-5}{6-6}$ ; Molars  $\frac{3-3}{3-3}$ ; = 44.

The FRENCH DAESMAN. **Galemys pyrenaica.**

Sorex pyrenaica, *Blainv.*, Ost. Atl. Insectiv. pl. 5 (skull).—*Laurent et Bazin*, Ann. d'Anat. et Phys. pl. 4. fig. 1 (skull).

\*a. Skull. Pyrenees.

## GYMNURA.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{3-3}{3-3}$ ; = 44.

The BULAU or TIKUS. *Gymnura rafflesii*.

*Owen*, Odont. p. 419. pl. 3. fig. 4 (base of skull); Odontology, Article in Encycl. Brit. new edit. p. 451.

*Echinosorex rafflesii*, *Blainr.*, Ost. Atl. Ins. pl. 6 (skull), pl. 10 (teeth).

\**a.* Skull. Borneo. Presented by J. Brooke, Esq.

*b.* Skeleton (imperfect). From the Zoological Society's Collection.

*c.* Skull. Borneo. From the Zoological Society's Collection.—From a white variety.

## SOLENODON.

The SOLENODON. *Solenodon paradoxus*.

*Brandt*, Mamm. pl. 2. figs. 1–12 (skull).—*Blainr.*, Ost. Atl. Insectiv. pl. 5 (skull).—*Owen*, Odont. pl. 3. fig. 1 (dentition).

## ERINACEUS.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{4-4}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 36.

The HEDGEHOG. *Erinaceus europæus*.

*Spir*, Cephalog. tab. 7. fig. 3 (skull).—*Van der Hoeven*, Verz. der Platen, pl. 19. fig. 10 (skull).—*Wetter*, Erinacei Europæi, tab. 1 (skeleton), 1818.—*Cuv.*, Dents des Mamm. p. 66 (dentition).—*Blainr.*, Ost. Atl. G. Insectiv. pl. 6 (skull), pl. 10 (teeth).—*Owen*, Odont. pl. 110. fig. 5 (dentition).

*Hérisson*, *Buff*, Hist. Nat. viii. pl. 9 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	15
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	12

*a.* Skull.

*b.* Skeleton. England. From Mr. Daniel's Collection.

*c.* Skeleton. England. From Mr. Warwick's Collection.

*d.* Skull. England. From Mr. Yarrell's Collection.

*e.* Skull: male. S. Germany.

*f.* Skull: female. S. Germany.

*g.* Skeleton: male. England.

*h, i.* Skulls. From Mr. Stevens's sale.

} From Dr. A. Günther's Collection.

The LONG-EARED HEDGEHOG. *Erinaceus auritus*.

*D'Alton*, Vergleichende Osteologie, no. 12. fig. 3.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14

Lumbar vertebræ . . . . .	5
Sacral . . . . .	3
Caudal . . . . .	10

*a.* Skeleton. Siberia. From Mr. Brandt's Collection.

The COLLARED HEDGEHOG. *Erinaceus collaris*.

*a.* Skull. Salt-range. Presented by Professor Oldham.

*b.* Skull. Nusserabad. Purchased of Mr. Warwick.

ECHINOPS.

The SOKINAH. *Echinops telfairii*.

*Martin*, Trans. Zool. Soc. ii. pl. 46. figs. 1-9 (skull and teeth).

*a.* Lower jaw and bones of body. Mauritius. From the Zoological Society's Collection.—The specimen described by Mr. Martin.

ERICULUS.

*Ericulus nigrescens*.

*Is.-Geoff. St.-II.*, Mag. de Zool. p. 32. pl. 3, pl. 4. figs. A-D (skull and dentition), 1839.

\**a.* Skull. Madagasear. From M. Verreaux's Collection.

*Ericulus spinosus*.

*Blainr.*, Ost. Atl. Insectiv. pl. 6 (skull).

CENTENES.

Teeth:—Incisors  $\frac{2-2}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{4-4}{4-4}$ ; = 38.

The TANREC. *Centenes ecaudatus*.

*Spir*, Cephalogenesis, tab. 7. fig. 2.—*D'Alton*, Vergleichende Osteologie, no. 12. pl. 2 (skeleton).—*Blainr.*, Ost. Atl. Insectiv. pl. 4 (skeleton), pl. 7-10 (parts of trunk and dentition).—*Owen*, Odont. text p. 420. pl. 110. fig. 6 (teeth detached).—*Laurent et Bazin*, Ann. d'Anat. et Phys. pl. 1. 8. figs. 8, 8a (dentition).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	18
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	13

*a.* Bones of the body. } Mauritius. From the Zoological Society's  
*b, c.* Skeletons. } Collection.

## Fam. 4. MACROPIDÆ.

## ACROBATA.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{0-0}$ ; Premolars  $\frac{3-3}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 36.

The OPOSSUM MOUSE. *Acrobata pygmæa*.

*Owen*, Odont. pl. 100. fig. 5 (lower jaw), text p. 386.—*Waterhouse*, Nat. Hist. Mamm. i. pl. 19. fig. 5 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	2
Caudal . . . . .	29

\**a.* Skull. New Holland. From Mr. Gould's Collection.

*b, c.* Skulls. From the Zoological Society's Collection.

*d.* Skeleton: male. From Mr. Stevens's Collection.

## PETAURUS.

Teeth:—Incisors  $\frac{3-3}{1-1}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{4-4}{4-4}$ ; = 40.

The SUGAR SQUIRREL. *Petaurus sciureus*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	2
Caudal . . . . .	17

*a.* Skeleton. New Zealand. Presented by Captain P. P. King.

*b.* Skeleton (imperfect). From the Zoological Society's Collection.

The SHORT-HEADED PETAURUS. *Petaurus breviceps*.

*Waterhouse*, Trans. Zool. Soc. ii. p. 404. pl. 3 (base of skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	19 (imperfect).

*a.* Skull. Australia.

*b.* Skeleton. Australia. From Mr. Princee's Collection.

The ARIEL. *Petaurus ariel*.

\**a.* Skull. Port Essington. Presented by Capt. W. Chambers, R.N.

The HEPOONA ROO. *Petaurus australis*.

*Owen*, *Odont.* pl. 100. fig. 4 (teeth).

- a.* Skeleton. From Mr. Warwick's Collection.  
*b.* Skull (imperfect). From the Zoological Society's Collection.

## PETAURISTA.

The SHORT-HEADED PETAURUS. *Petaurista taguanoides*.

*Waterhouse*, *Nat. Hist. Mamm.* i. pl. 19. fig. 4 (skull), 1846.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	28 (imperfect).

- \**a.* Skull. Australia. Presented by Mr. J. Baker.  
*b.* Skull (white variety). New Holland.  
*c.* Skeleton. From Mr. Warwick's Collection.  
*d.* Skull. From the Zoological Society's Collection.

## DROMICIA.

BELL'S DROMICIA. *Dromicia gliriformis*.

*Phalangista gliriformis*, *Owen*, *Odont.* pl. 100. fig. 3 (skull & teeth).

- \**a-c.* Skulls. W. Australia. From the Zoological Society's Collection.  
*d.* Skull.

The DROMICIA. *Dromicia nana*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	26

- a.* Skeleton. Presented by Dr. J. E. Gray.

NEILL'S PHALANGER. *Dromicia neillii*.

*Waterhouse*, *Nat. Hist. Mamm.* i. p. 315. pl. 19. fig. 3 (skull).

## MICOUREUS.

*Micoureus pusillus*.

*Castelnau*, *Amérique du Sud*, 1. p. 102. pl. 20. fig. 2 (dentition), 1855.



**TARSIPES.**

Teeth:—Incisors  $\frac{2-3}{2}$ ; Canines  $\frac{0-0}{0-0}$ ; Molars  $\frac{3-3}{3-3}$  = 18 or more.

The TARSIPES. **Tarsipes spenseraë.**

*Waterhouse*, Nat. Hist. Mamm. i. pl. 19. fig. 6 (skull).

a. Skeleton (imperfect). Swan River, W. Australia.

**DACTYLOPSILA.**

Teeth:—Incisors  $\frac{3-3}{1-1}$ ; Canines  $\frac{1-1}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{4-4}{4-4}$ ; = 38.

**Dactylopsila trivirgata.**

*Gray*, Proc. Zool. Soc. 1858, p. 110. figs. 1-5 (skull).

\*Skull. Aru Island. From Mr. Wallace's Collection.—The specimen figured in Proc. Zool. Soc. 1858.

**HEPOONA.**

The HEPOONA. **Hepoona cookii.**

*Phalangista cookii*, *Gray*, Trans. Zool. Soc. ii. p. 408. pl. 71. fig. 2 (base of skull).—*Owen*, Odont. pl. 100. fig. 2 (teeth).

*Phalangista* (*Pseudochirus*) *cookii*, *Waterhouse*, Nat. Hist. Mamm. i. pl. 19. fig. 2 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	25

a. Skull: female. Port Leschenault. Presented by W. E. Bates, Esq.

b. Skull: male. From Mr. Warwick's Collection.

c. Skull: young. From the Zoological Society's Collection.

**PHALANGISTA.**

Teeth:—Incisors  $\frac{3-3}{1-1}$ ; Canines  $\frac{1-1}{0-0}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{4-4}{4-4}$ ; = 34.

The SOOTY PHALANGER. **Phalangista fuliginosa.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	24 (imperfect).

a. Skeleton.

The VULPINE PHALANGER. *Phalangista vulpina*.

*Waterhouse*, Nat. Hist. Mamm. i. pl. 19. fig. 1 (skull), 1846.—*Owen*, Odont. pl. 100. fig. 1 (teeth).

Cervical vertebræ.....	7
Dorsal .....	13
Lumbar .....	6
Sacral .....	2
Caudal .....	25 or 26

*a, b, c.* Skulls. Port Essington. From Mr. Gould's Collection.

*d.* Skull.

*e, f.* Skeleton. }  
*g, h.* Skulls. } From the Zoological Society's Collection.

The PHALANGER. *Phalangista* — ?

*a, b.* Skulls. S. Australia. Presented by Captain Sir G. Grey.

The LONG-EARED PHALANGER. *Phalangista canina*.

\**a.* Skull. Richmond River. From Mr. Gould's Collection.

*Phalangista viverrina*.

\**a.* Skull. New South Wales. }  
\**b.* Skull. Swan River. } From Mr. Gould's Collection.

## CUSCUS.

Teeth:—Incisors  $\frac{3-3}{1-1}$ ; Canines  $\frac{1-1}{0-0}$ ; Premolars  $\frac{3-3}{4-4}$ ; Molars  $\frac{4-4}{4-4}$ ; = 40.

*Cuscus maculatus*.

*Phalangista maculata*, *Temm.*, Mon. Mamm. i. p. 14. pl. 3. figs. 1-6 (adult and young skulls).

\**a.* Skull. }  
*b.* Skull. } Aru Islands. From Mr. Wallace's Collection.  
*c.* Skull. } East coast of New Guinea. Presented by J. B.  
*d.* Lower jaw. } Jukes, Esq.  
*e.* Skull. Presented by J. Macgillivray, Esq.  
*c, d, e.* Var. *Cuscus chrysorrhos*, *Temm.*

The URSINE PHALANGER. *Cuscus ursinus*.

*Phalangista ursina*, *Temm.*, Mon. Mamm. i. p. 10. pl. 1. figs. 1-3 (skull of the adult), pl. 2. figs. 1-5 (skull of intermediate age), pl. 4 (skeleton).—*Lesson*, Centurie Zoologique, p. 40. pl. 10 (skull), 1830.

\**a.* Skull: adult. Celebes.—The specimen described in *Waterhouse's Nat. Hist. of Mamm. i. p. 269, 1846.*  
\**b.* Skull: half-grown. Celebes.  
\**c.* Skull. Indian Islands. From the Zoological Society's Collection.

**Cuscus cavifrons.**

*Phalangista cavifrons*, *Temm.*, Mon. Mamm. i. p. 17. pl. 1. figs. 7-9 (skull, adult), pl. 2. figs. 7-10 (skull, very young).

**Cuscus quoyii.**

\*a. Skull. Isle of Waigiou. From M. Verreaux's Collection.

**Cuscus brevicaudatus.**

\*a. Skull: young. Cape York. Presented by J. Macgillivray, Esq.  
—The specimen described in Proc. Zool. Soc. 1858, p. 103.

**Cuscus ornatus.**

\*a. Skull. Island of Batchian. From Mr. Wallace's Collection.

**Cuscus celebensis.**

- a. Skull: the bones and teeth separated. Isle of San Christoval, Soloman's Islands. Presented by the Lords of the Admiralty.  
b. Skeleton: female. Isle of San Christoval, Soloman's Group.  
c. Skull: "female, two-thirds grown. San Christoval, Dec. 1854, A. M'G." From the voyage of H.M.S. Herald.

**PHASCOLARCTUS.**

Teeth:—Incisors  $\frac{3-3}{1-1}$ ; Canines  $\frac{1-1}{0-0}$ ; Premolars  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 30.

The KOALA or NATIVE BEAR. *Phascolarctus cinereus*.

*Fischer*, Trans. Zool. Soc. ii. p. 406. pl. 59 (skull).—*Owen*, Odont. pl. 100. fig. 6 (teeth); Odontology, Article in Encycl. Brit. (new edit.) p. 449. fig. 77 (teeth).—*Waterhouse*, Nat. Hist. Mamm. i. p. 259. pl. 20. figs. 5, 5a (skull).  
*Lipurus cinereus*, *Schreb.* Säugth. iii. pl. 105A (skull).

- \*a. Skull: adult. New Holland.  
b. Bones of the body and limbs. From the Zoological Society's Collection.

**DENDROLAGUS.**

The TREE KANGAROO. *Dendrolagus inustus*.

*Müller*, S. Verh. Nat. Gesch. tab. 23. figs. 4-6 (skull), tab. 24. fig. 4 (base of skull), figs. 5, 6 (limbs).

**Dendrolagus ursinus.**

*Müller*, S. Verh. Nat. Gesch. tab. 23. figs. 1-3 (skull), tab. 24. fig. 1 (base of skull), figs. 2, 3 (limbs).

## MACROPUS.

Teeth :—Incisors  $\frac{3-3}{1-1}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 28.

The KANGAROO. *Macropus major*.

*Owen*, Odont. pl. 102. figs. 1, 2 (teeth).—*Waterhouse*, Nat. Hist. Mamm. i. pl. 5. figs. 1, 2 (incisor teeth).

*Didelphys gigantea*, *G. Fischer*, Anat. des Makis, p. 189. tab. 18, 1804.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	21

*a.* Skull. Australia.

*b.* Skeleton: Australia.

\**c.* Skull: female. } S. Australia. Presented by Capt. Sir G. Grey.

\**d.* Skull: male. }

*e.* Skull. From Mr. Stevens's sale.

*f.* Skeleton (without the limbs). From the Zoological Society's Collection.

The WOOLLY KANGAROO. *Macropus laniger*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	22

\**a.* Skull. S. Australia. Presented by Capt. Sir G. Grey.

\**b.* Skeleton: male. From the Zoological Society's Collection.

The SWAN-RIVER KANGAROO. *Macropus ocydromus*.

<i>a.</i> Skull: male. Weight of animal 160 lbs.	} From Mr. Gould's Collection.
<i>b.</i> Skull: male. Weight of animal 70 lbs. Tooday.	
<i>c.</i> Skull: male.	
<i>d.</i> Skull: female. Weight of animal 45 lbs. Northam.	
<i>e.</i> Skull: female. Weight of animal 40 lbs. Moore's River.	
<i>f.</i> Skull: mature female. Weight of animal 50 lbs. Northam.	
<i>g.</i> Skull: female, with second year's young. Weight of animal 40 lbs. Moore's River.	
<i>h.</i> Skull. Flying Doe of one year, or before breeding. Weight of animal about 30 lbs. Moore's River.	
<i>i.</i> Skull: male (of the first year). Weight of animal 25 lbs. Killed between the Vasse and Augusta.	

The CRESCENT-MARKED KANGAROO. *Macropus lunatus*.

- a.* Teeth of upper and lower jaw (left side): }  
     female. } FROM Mr. Gould's  
 \**b.* Skull. Australia. } Collection.

## HALMATURUS.

Teeth like *Macropus*.The TASMANIAN BUSH KANGAROO. *Halmaturus bennettii*.

*Waterhouse*, Nat. Hist. Mamm. i. pl. 5. fig. 9 (teeth); Trans. Zool. Soc.  
 ii. p. 388. pl. 71. fig. 5 (base of skull).

- a.* Skull. Van Diemen's Land.  
*b.* Skeleton. From Mr. Leadbeater's Collection.  
*c.* Skeleton: adult. From the Zoological Society's Collection.

## The SHORT-TAILED THYLOGALE.

*Halmaturus (Thylogale) brevicaudatus*.

- \**a.* Skull. West Australia.  
*b.* Skull. From Mr. Gould's Collection.

The SLENDER KANGAROO. *Halmaturus gracilis*.

- \**a*, \**b*, \**c.* Skulls. Australia. From Mr. Gould's Collection.

The AGILE KANGAROO. *Halmaturus agilis*.

*Waterhouse*, Nat. Hist. Mamm. i. pl. 5. fig. 13 (teeth).

- \**a.* Skull. Port Essington. }  
 \**b.* Skull: female. } Presented by Sir J. Richardson.  
 \**c.* Skull: young. Presented by the Earl of Derby.

The THETIS. *Halmaturus thetidis*.

*Waterhouse*, Nat. Hist. Mamm. i. pl. 3. figs. 2-5 (skull and teeth).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	22

- a.* Skull. Musquito Island. Presented by J. Maegillivray, Esq.  
*b.* Skull. From Mr. Gould's Collection.  
*c.* Skeleton: male. From Mr. Warwick's Collection.

The WHALLABEE. *Halmaturus ualabatus*.

*Waterhouse*, Nat. Hist. Mamm. i. pl. 5. fig. 12 (teeth).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13

Lumbar vertebræ . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	25

- a.* Skull. Musquito Island. Presented by J. Macgillivray, Esq.  
*b.* Skeleton. Australia. From the Zoological Society's Collection.

The RED-NECKED KANGAROO. **Halmaturus elegans.**

Orr's Circle of the Sciences, i. p. 253. fig. 44 (skeleton), 1854.

The TASMANIAN WHALLABEE. **Halmaturus billardieri.**

*Waterhouse*, Nat. Hist. Mamm. i. p. 161. pl. 5. fig. 11 (teeth).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	20

- a.* Skull. Van Diemen's Land?  
*b.* Skeleton.  
*c.* Skeleton: female. From Mr. Warwick's Collection.  
*d.* Skeleton.  
*e.* Skeleton: young. } From the Zoological Society's Collection.

The PHILANDER. **Halmaturus asiaticus.**

*Hypsiprymnus brunii*, *Müller*, S. Verh. Nat. Gesch. tab. 23. figs. 7, 8 (skull), tab. 24. figs. 7-9 (base of skull and limbs).

The DAMA WHALLABEE. **Halmaturus dama.**

*Waterhouse*, Nat. Hist. Mamm. i. pl. 5. fig. 7 (teeth).

- \**a.* Skull: male }  
 \**b.* Skull: female. } Australia.  
 \**c.* Skull. }

HOUTMAN'S KANGAROO. **Halmaturus houtmanii.**

*Waterhouse*, Nat. Hist. Mamm. i. pl. 15. fig. 6 (teeth).

- a, b, d.* Skulls: male. } Houtman's Abrolhos. From Mr. Gould's  
*c, e.* Skulls: female. } Collection.  
 \**f.* Skull: male, one year old. Weight 5 lbs. East Wallaby Island,  
 Houtman's Abrolhos.  
*g.* Skull: female. Weight 8 lbs. East Wallaby Island, Houtman's  
 Abrolhos.

LORD DERBY'S KANGAROO. **Halmaturus derbianus.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13

Lumbar vertebræ . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	21

*a.* Skeleton. From Mr. Cross's Collection.

*b-d.* Skulls.  $\left\{ \begin{array}{l} \text{Hummock Island, Bass's Straits. Collected by} \\ \text{F. H. Rayner, Esq., during the voyage of} \\ \text{H.M.S. Herald. Presented by the Lords of} \\ \text{the Admiralty.} \end{array} \right.$

The BLACK-LINED KANGAROO. **Halmaturus dorsalis.**

*Waterhouse*, Nat. Hist. Mamm. i. pl. 5. fig. 14.

*a.* Skull. Brezi, New South Wales. }  
*b.* Skull. Port Essington. } From Mr. Gould's Collection.

CAPTAIN GREY'S KANGAROO. **Halmaturus greyii.**

\**a, b.* Skulls. South Australia. Presented by Captain Sir G. Grey.

The BLACK-HANDED KANGAROO. **Halmaturus irma.**

*a.* Skull: male. Weight of animal 19 lbs. Australia. }  
*b.* Skull: male. Australia. } From  
*c.* Skull: female. Australia. } Mr. Gould's  
 Collection.

The KANGAROO. **Halmaturus** — ?

*a.* Port Essington. Presented by Sir J. Richardson.

PARRY'S KANGAROO. **Halmaturus parryii.**

*Waterhouse*, Trans. Zool. Soc. i. p. 295. pl. 37 (teeth), 1835.

\**a.* Skull. Presented by T. Ingall, Esq.  
*b.* Skull. New South Wales. From the Zoological Society's Collection.

**OSPHRANTER.**

Teeth like *Macropus*.

The BLACK WALLAROO. **Osphranter robustus.**

*a.* Skull. Australia. }  
 \**b.* Skull. West Australia. } From Mr. Gould's Collection.

The OSPHRANTER. **Osphranter antilopinus.**

*Waterhouse*, Nat. Hist. Mamm. i. pl. 5. fig. 15 (incisor teeth).

*a.* Skull. Australia.

**PETROGALE.**

THE SHORT-EARED ROCK KANGAROO. **Petrogale brachyotis.**

*Waterhouse*, Nat. Hist. Mamm. i. pl. 5. fig. 16 (skull), fig. 16*a* (incisor teeth).

- a. Skull: male. Weight of animal 7 lbs. Australia. From Mr. Gould's Collection.

THE SIDE-STREAKED ROCK KANGAROO. **Petrogale lateralis.**

- a. Skull: male, nearly adult. } From Mr. Gould's Col-  
 b. Skull: male. Swan River, Australia. } lection.

THE ROCK KANGAROO. **Petrogale penicillata.**

*Waterhouse*, Nat. Hist. Mamm. i. pl. 5. fig. 10 (incisor teeth).

Cervical vertebræ.....	7
Dorsal .....	13
Lumbar .....	6
Sacral .....	2
Caudal .....	23 or 24

- a. Skull.  
 b. Skeleton.  
 c. Skeleton: female.  
 d. Skull.
- } From the Zoological Society's Collection.

THE YELLOW-FOOTED ROCK WALLABY. **Petrogale xanthopus.**

- \*a. Skull. Flinders range, S. Australia.

**BETTONGIA.**

Teeth:—Incisors  $\frac{3-3}{1-1}$ ; Canines  $\frac{1-1}{0-0}$ ; Premolars  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{1-1}$ ; = 30.

**Bettongia cuniculus.**

*Waterhouse*, Nat. Hist. Mamm. i. pl. 10. fig. 2 (skull).

Cervical vertebræ.....	7
Dorsal .....	13
Lumbar .....	6
Sacral .....	2
Caudal .....	21 or 22

- a. Skeleton. Purchased of Mr. Warwick.  
 b. Skull. From the Zoological Society's Collection.  
 c. Skull. Presented by J. B. Jukes, Esq.

THE FIELD BETTONG. **Bettongia campestris.**

*Waterhouse*, Nat. Hist. Mamm. i. pl. 6. fig. 2 (skull).

- a. Skull: old male. } South Australia. From Mr. Gould's Collection.  
 b, c. Skulls. }



The BRUSH-TAILED BETTONG. *Bettongia penicillata*.*Waterhouse*, Nat. Hist. Mamm. i. pl. 6. figs. *a, b, c* (skull).

- a.* Skull. The specimen figured by Mr. Waterhouse.  
*b.* Skeleton. From the Zoological Society's Collection.

WHITE'S BETTONG. *Bettongia whitei*.*Hypsiprymnus hunteri*, *Owen*, Trans. Zool. Soc. ii. p. 406. pl. 71 (base of skull).

- a.* Skull: male. Australia. From Mr. Gould's Collection.

GRAY'S BETTONG. *Bettongia grayii*.*Waterhouse*, Nat. Hist. Mamm. i. pl. 10. fig. 3.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	21

- a, b, d.* Skulls: female. } Australia. From Mr. Gould's Collection.  
*c.* Skull: male. }  
*e.* Skeleton: female. From Mr. Warwick's Collection.  
*f.* Skull: male. } W. Australia. Collected by F. W. Rayner,  
*g, h.* Skulls: female. } Esq., during the voyage of H.M.S.  
Herald. Presented by the Lords of the  
Admiralty.  
*i.* Skeleton. From Mr. Warwick's Collection.  
*\*j.* Skull and bones of body. } From the Zoological Society's Col-  
*k.* Skeleton. } lection.  
*l, m.* Skulls. Gawler Plains. From Mr. Stevens's Collection.

OGILBY'S BETTONG. *Bettongia ogilbii*.

- a.* Skull: male. Australia. }  
*b-d.* Skulls: female. Australia. } From  
*e.* Skull: adult: lower jaw wanting. Swan River. } Mr. Gould's  
*f.* Skull. From the Zoological Society's Collection. } Collection.

The RUSTY BETTONG. *Bettongia rufescens*.*Waterhouse*, Nat. Hist. Mamm. i. pl. 10. fig. 1 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	21 or 22

- a.* Skull: male. Australia.  
*b.* Skeleton.

**HYPSIPRYMNUS.**

Teeth :—Incisors  $\frac{3-3}{1-1}$ ; Canines  $\frac{1-1}{0-0}$ ; Premolars  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 30.

The KANGAROO RAT. **Hypsiprymnus minor.**

*Waterhouse*, Nat. Hist. Mamm. i. pl. 8. fig. 2 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	24

*a.* Skeleton. Australia.

\**b.* Skull. Australia.

*c.* Skull: female. New South Wales. From Mr. Gould's Collection.

*d.* Skeleton: female. Australia.

*e.* Skull. From the Zoological Society's Collection.

*f.* Skeleton: young.

GILBERT'S KANGAROO RAT. **Hypsiprymnus gilbertii.**

*Waterhouse*, Nat. Hist. Mamm. i. pl. 8. fig. 1 (skull).

\**a.* Skull.

*b.* Skull: female. W. Australia. } From Mr. Gould's Collection.

? *c.* Skeleton. From Mr. Warwick's Collection.

The FLAT-EYED KANGAROO RAT. **Hypsiprymnus platyops.**

\**a.* Skull. Walyema Swamps (forty miles N.E.), W. Australia.  
From Mr. Gould's Collection.

**LAGORCHESTES.**

Teeth :—Incisors  $\frac{3-3}{1-1}$ ; Canines  $\frac{1-1}{0-0}$ ; Premolars  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 30.

The KANGAROO HARE. **Lagorchestes leporoides.**

*Waterhouse*, Nat. Hist. Mamm. i. pl. 5. fig. 17 (skull), fig. 17 *a* (incisor teeth).

\**a.* Skull: adult. South Australia. Presented by Captain Sir G. Grey.

\**b.* Skull: young.

\**c.* Skull: female. S. Australia. }

\**d.* Skull: male. S. Australia. } From Mr. Gould's Collection.

*e, f.* Skulls. S. Australia. }

THE SPECKLED KANGAROO HARE. *Lagorchestes conspicillatus*.

a. Skull: adult male. From Mr. Gould's Collection.

THE HAIRY KANGAROO HARE or WOOROOH. *Lagorchestes hirsutus*.

*Waterhouse*, Nat. Hist. Mamm. i. pl. 5. fig. 5 (incisor teeth).

a. Skull: male.  
 \*b. Skull. York, W. Australia. } From Mr. Gould's Collection.  
 \*c. Skull.

THE BANDED KANGAROO HARE. *Lagorchestes fasciatus*.

*Waterhouse*, Nat. Hist. Mamm. i. pl. 5. fig. 4 (teeth).

\*a. Skull. Vicinity of York, W. Australia. From Mr. Gould's Collection.  
 \*b. Skull. Wougan Hills.  
 c. Skull. From Mr. Gould's Collection.

## PHASCOLOMYS.

Teeth:—Incisors  $\frac{2}{2}$ ; Canines  $\frac{0}{0}$ ; Premolars  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 24.

THE WOMBAT. *Phascolomys ursinus*.

*Owen*, Odont. pl. 100. fig. 9 (teeth); Trans. Zool. Soc. ii. p. 406. pl. 68 (side view of the skeleton), pl. 71 (base of the skull), vol. iii. p. 306. pl. 37. figs. 1-3 (skull); Odont., Art. in Encycl. Brit. (new edit.) p. 449. fig. 79 (dentition).—*Waterhouse*, Nat. Hist. Mamm. i. pl. 3. fig. 1 (skull and teeth).—*Cuv.*, Dents des Mamm. p. 139. no. 44 (dentition).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	15
Lumbar . . . . .	3
Sacral . . . . .	2
Caudal . . . . .	11

a. Skull. From Mr. Yarrell's Collection.  
 b. Skull. Australia.  
 c. Skeleton. Australia. Antarctic Expedition. Presented by the Lords of the Admiralty.  
 d. Skull. Australia. Presented by J. B. Jukes, Esq.

THE BROAD-FRONTED WOMBAT. *Phascolomys latifrons*.

*Owen*, Trans. Zool. Soc. iii. p. 306. pl. 37. figs. 4-7 (skull).

a. Skull: from an adult animal weighing 80 lbs. New Holland. Presented by Allan Cunningham, Esq., F.L.S.

## PERAMELES.

Teeth:—Incisors  $\frac{5-5}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{4-4}{4-4}$ ; = 48.

The SADDLE-BACKED PERAMELES. **Perameles myosurus.**

Mag. Nat. Hist. i. p. 385. pl. 20. fig. 3 (skull).

\**a.*, \**b.* Skulls. York, W. Australia. From Mr. Gould's Collection.

The THICK-TAILED BANDICOOT. **Perameles macroura.**

\**a.* Skull. Australia. From Mr. Gould's Collection.

The BANDICOOT. **Perameles** — ?

*a.* Skull, and fore and hind foot. Adelaide. Presented by C. D. E. Fortnum, Esq.

GUNN'S BANDICOOT. **Perameles gunnii.**

\**a.*, \**b.* Skulls. S. Australia. Presented by Captain Sir G. Grey.

The BANDED BANDICOOT. **Perameles fasciata.**

*a.* Skull. W. Australia. From Mr. Gould's Collection.

The SPINY BANDICOOT. **Perameles obesula.**

*Waterhouse*, Nat. Hist. Mamm. i. pl. 20. fig. 2 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	16 or 17

*a.* Skull: adult. Van Diemen's Land?

*b.* Skull: young. Van Diemen's Land?

*c.*, *d.* Skulls. From Mr. Gould's Collection.

*e.* Skeleton: male. From Mr. Warwick's Collection.

*f.* Skull. Port Leschenault. From Mr. Bates's Collection.

*g.* Skull.

The BROWN-BELLIED BANDICOOT. **Perameles fusciventer.**

\**a.* Skull. Perth, W. Australia. } From Mr. Gould's Collection.  
*b.*, *c.* Skulls. W. Australia. }

The LONG-NOSED PERAMELES. **Perameles nasuta.**

*a.* Skull. From the Zoological Society's Collection.

## CHÆROPUS.

Teeth :—Incisors  $\frac{5-5}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{4-4}{4-4}$ ; = 48.

The CHÆROPUS. *Chæropus castanotus*.

*Waterhouse*, Nat. Hist. Mamm. i. pl. 20. fig. 4 (skull), 1846.

*a, b.* Skulls, and bones of body. Three miles off Muda, Australia. Presented by Sir T. Mitchell.

## PERAGALEA.

Teeth :—Incisors  $\frac{5-5}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{4-4}{4-4}$ ; = 48.

The PERAGALEA. *Peragalea lagotis*.

*Perameles lagotis*, *Reid*, Trans. Zool. Soc. i. pl. 71. fig. 1 (base of skull).—*Owen*, Odont. ii. pl. 98. fig. 5 (skull and teeth).

*Perameles (Macrotis) lagotis*, *Waterhouse*, Nat. Hist. Mamm. i. pl. 20. fig. 1 (base of skull).

- a.* Skull, limbs, and caudal vertebræ. Presented by Mr. J. Baker.  
*b.* Skull: young. Port Leschenault. Presented by W. E. Bates, Esq.  
*c.* Skull. From the Zoological Society's Collection.  
*d.* Skull. Gawler Plains, Australia. From Mr. Stevens's Collection.

## PERACYON.

Teeth :—Incisors  $\frac{4-4}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{4-4}{4-4}$ ; = 46.

The TASMANIAN WOLF. *Peracyon cynocephalus*.

*Thylacinus harrisii*, *Owen*, Trans. Zool. Soc. ii. p. 406. pl. 70 (skull).—

*Laurent et Bazin*, Ann. d'Anat. et Phys. iii. pl. 4. fig. 6 (lower jaw).

—*Temm.*, Mon. Mamm. pl. 7. figs. 1, 2, 3, & 4 (skull).—*Owen*,

Odont. pl. 98. fig. 1 (teeth).—*Van der Hoeven*, Verz. der Platen,

pl. 19. fig. 8, 1833.—*Lesson*, Centurie Zoologique, p. 14. pl. 2*a, b*

(skull).

*Thylacinus cynocephalus*, *Waterhouse*, Nat. Hist. Mamm. i. pl. 21. fig. 3 (base of skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	18 (imperfect).

- a.* Skull. Van Diemen's Land. From Mr. Gould's Collection.  
*b.* Limbs. From the Zoological Society's Collection.  
*c, d.* Skulls. Van Diemen's Land. Presented by G. R. Gunn, Esq.  
*e.* Skeleton (the tail and feet imperfect). From the Zoological Society's Collection.

## DIABOLUS.

Teeth :—Incisors  $\frac{4-4}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{4-4}{4-4}$ ; = 42.

The TASMANIAN DEVIL. *Diabolus ursinus*.

*Dasyurus ursinus*, *Temm.*, Mon. Mamm. i. p. 68. pl. 8 (skull).—*Laurent et Bazin*, Anat. et Phys. iii. pl. 4. fig. 2 (lower jaw).—*Owen*, Trans. Zool. Soc. ii. pl. 70 (base of skull); Odont. pl. 98. fig. 2 (dentition); Odont., Art. in Encycl. Brit. (new edit.) p. 447 (dentition).

*Dasyurus* (*Sarcophilus*) *ursinus*, *Waterhouse*, Nat. Hist. Mamm. ii. p. 448. pl. 21. fig. 4 (skull).

- a.* Lower jaw. Australia. Presented by J. B. Jukes, Esq.  
*b.* Skeleton (imperfect).  
*c.* Skull.  
*d.* Skull (imperfect).  
*e.* Skeleton (imperfect).  
*f.* Skull. Tasmania. Presented by Dr. Milligan.
- } From the Zoological Society's Collection.  
 } From the Haslar Hospital Collection.  
 } From the Zoological Society's Collection.

## DASYURUS.

Teeth :—Incisors  $\frac{4-4}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{4-4}{4-4}$ ; = 42.

GEOFFROY'S DASYURE. *Dasyurus geoffroyii*.

\**a.*, \**b.* Skulls. W. Australia.

The THUMBED DASYURE. *Dasyurus hallucatus*.

- \**a.*, \**b.* Skulls. Port Essington. From Mr. Gould's Collection.  
*c.* Skull. Cape York. From the Voyage of the 'Rattlesnake.' Presented by the Lords of the Admiralty.

The DASYURE. *Dasyurus viverrinus*.

*Owen*, Trans. Zool. Soc. ii. pp. 406, 408. pl. 70. fig. 2 (base of skull).  
*Dasyurus maugei*, *Temm.*, Mon. Mamm. i. p. 71. pl. 7. figs. 5-8 (skulls).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	18 (imperfect).

- \**a.* Skull. New South Wales.  
*b.* Skeleton. Purchased of Mr. Bartlett.  
*c.*, *d.* Skulls.  
*e.* Skeleton.  
*f.* Skull.  
*g.* Skull: male. Port Leschenault. From Mr. Bates's Collection.  
*h.* Skull: male. From Mr. Gould's Collection.  
*i.* Skull. Port Jackson. Collected during the voyage of H.M.S. Herald. Presented by the Lords of the Admiralty.
- } From the Zoological Society's Collection.

The SPOTTED-TAILED DASYURE. *Dasyurus maculatus*.*Waterhouse*, Nat. Hist. Mamm. i. pl. 21. fig. 2 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	23 or 24

- a.* Skeleton: female. From Mr. Warwick's Collection.  
*b.* Skull. From the Haslar Hospital Collection.

## PHASCOGALE.

Teeth:—Incisors  $\frac{4-4}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{4-4}{4-4}$ ; = 46.The PHASCOGALE. *Phascogale penicillata*.*Temm.*, Mon. Mamm. i. p. 58. pl. 7. figs. 9-12 (skulls).—*Owen*, Odont. pl. 98. fig. 3 (teeth).—*Waterhouse*, Nat. Hist. Mamm. i. pl. 21. fig. 5 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	26

- \**a.* Skull. S. Australia. Presented by Captain Sir G. Grey.  
*b.* Skull.  
*c.* Skeleton. } From Mr. Gould's Collection.  
*d.* Teeth. }  
*e.* Skull. } From the Zoological Society's Collection.  
*f.* Skeleton. N. Australian Expedition. Presented by Dr. J. R. Elsey.

*Phascogale melas*.*Müller*, S. Verh. Nat. Gesch. tab. 25. figs. 2, 3 (skull, imperfect).The WOOLLY PHASCOGALE. *Phascogale lanigera*.

- \*
- a.*
- Skull.

The ELEGANT PHASCOGALE. *Phascogale calurus*.

- \*
- a.*
- Skull. Williams River, W. Australia. From Mr. Gould's Collection.

The THICK-TAILED POUCHED MOUSE. *Phascogale crassicaudata*.

- \**a.* Skull. Williams River, W. Australia. From Mr. Gould's Collection.  
*b.* Skull. Darling River. Presented by Captain Sturt.  
*c-c.* Skulls. W. Australia. From Mr. Gould's Collection.

The LARGE-TAILED POUCHED MOUSE. **Phascogale macroura.**

*a.* Skull. Darling Downs. From Mr. Gould's Collection.

The MURINE PHASCOGALE. **Phascogale (Antechinus) murina.**

*a.* Skull. From the Zoological Society's Collection.

### ANTECHINUS.

Teeth:—Incisors  $\frac{4-4}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{4-4}{4-4}$ ; = 46.

The PENCILLED POUCHED MOUSE. **Antechinus apicalis.**

\**a.* Skull. Australia. From Mr. Brandt's Collection.

*b.* Skull.

*c.* Skull. W. Australia. } From Mr. Gould's Collection.

GREY'S POUCHED MOUSE. **Antechinus affinis.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	21

\**a.*, \**b.* Skulls. Perth, W. Australia. From Mr. Gould's Collection.

*c.* Skeleton. Van Diemen's Land. Presented by R. Gunn, Esq.

The WHITE-BELLIED POUCHED MOUSE. **Antechinus leucogaster.**

*a.* Skull. Victoria Plains. From Mr. Gould's Collection.

*b.*, *c.* Skulls. King George's Sound. Presented by G. R. Waterhouse, Esq.

The YELLOW-FOOTED POUCHED MOUSE. **Antechinus flavipes.**

\**a.* Skull. S. Australia. Presented by C. D. E. Fortnum, Esq.

\**b.*, \**c.* Skulls. S. Australia. Presented by Captain Sir G. Grey.

*d.* Skull. Bass's Straits. Collected during the voyage of H.M.S. Herald. Presented by the Lords of the Admiralty.

The WHITE-FOOTED POUCHED MOUSE. **Antechinus leucopus.**

\**a.* Skull. Van Diemen's Land.

\**b.* Skull. King George's Sound. From M. Parzudaki's Collection.

SWAINSON'S PHASCOGALE. **Antechinus swainsonii.**

*a.* Skull. Van Diemen's Land. Presented by G. R. Waterhouse, Esq.



The POUCHED MOUSE. *Antechinus* — ?

*a, b.* Skulls. W. Australia. From Mr. Gould's Collection.

*Antechinus albipes.*

\**a, \*b.* Darling Downs, New South Wales. From Mr. Gould's Collection.

*c.* Skull. Presented by G. R. Waterhouse, Esq.

*Antechinus unicolor.*

*a.* Skull.

*Antechinus minutissimus.*

\**a.* Skull.

## MYOICTIS.

Teeth :—Incisors  $\frac{4-4}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{2-2}{3-3}$ ; = 36.

*Myoictis wallacii.*

*Gray*, Proc. Zool. Soc. 1848, p. 112. figs. 1-4 (skull); *Ann. & Mag. Nat. Hist.* ii. 1858, p. 223. figs. 6-9 (skull).

\**a.* Skull. Aru Island. From Mr. Wallace's Collection.—The specimen figured in Proc. Zool. Soc.

## MYRMECOBIUS.

Teeth :—Incisors  $\frac{4-4}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Molars  $\frac{8-8}{9-9}$ ; = 52.

The MYRMECOBIUS. *Myrmecobius fasciatus.*

*Waterhouse*, Trans. Zool. Soc. ii. p. 149. pl. 28 (skull); *Nat. Hist. Mamm.* i. p. 394. pl. 21. fig. 1*a, b* (skull).—*Owen*, *Odont.* i. p. 377, ii. pl. 98. fig. 4 (skull); *Odont.*, Art. in *Encycl. Brit.* p. 448. fig. 74 (dentition).

*a.* Skull. Swan River. From Mr. Gould's Collection.

*b.* Skull. Swan River. From the Zoological Society's Collection.—The specimen figured by Mr. Waterhouse in Trans. Zool. Soc. ii.

## DIDELPHIS.

Teeth :—Incisors  $\frac{5-5}{4-4}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{4-4}{4-4}$ ; = 50.

The OPOSSUM. *Didelphis virginiana.*

*Burmeister*, *Faun. Bras.* taf. 5. fig. 1 (skull), 1856.—*Owen*, *Odont.* pl. 98. fig. 6 (teeth), 1840-5; *Odont.*, Art. in *Encycl. Brit.* (new edit.) p. 448. fig. 76 (dentition).—*Gervais in Castelnau*, *Amérique du Sud*, p. 97. pl. 20. fig. 7 (dentition).

Sarigue, *Buff.*, Hist. Nat. x. p. 334. pl. 51 (skull and cervical vertebrae).

Cervical vertebrae . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	26

a. Skull.

b, c. Skeletons. } From the Zoological Society's Collection.

d, e. Skulls. }

f. Skeleton. From Mr. Stevens's sale.

The CRAB-EATING OPOSSUM. **Didelphis cancrivora.**

*Temm.*, Mon. Mamm. i. p. 34. pl. 5 (skeleton).—*Waterhouse*, Nat. Hist. Mamm. i. p. 472. pl. 22. fig. 1 (skull).—*Burm.*, Faun. Bras. tab. 5. fig. 2 (skull).

\*a. Skull. Brazils.

\*b. Skull.

c. Skull. Purchased at Mr. Stevens's sale.

AZARA'S OPOSSUM. **Didelphis azaræ.**

*Gervais in Castelnau*, Amérique du Sud, p. 100. pl. 20. fig. 8 (dentition), 1855.

\*a. Skull: young. Bolivia. From Mr. Bridges' Collection.

b. Skull: adult. Bolivia. From Mr. Bridges' Collection.

The CALIFORNIAN OPOSSUM. **Didelphis californica.**

a. Skull. From the Zoological Society's Collection.

**Didelphis derbiana.**

*Gervais in Castelnau*, Amérique du Sud, p. 100. pl. 20. fig. 4 (skull), 1855.

**Didelphis albiventris.**

*Burm.*, Faun. Bras. taf. 5. figs. 4, 5, taf. 6. fig. 4 (skull).

**Didelphis aurita.**

*Burm.*, Faun. Bras. taf. 5. fig. 3 (skull).

**HEMIURUS.**

**Hemiusurus hunteri.**

*Gervais in Castelnau*, Amérique du Sud, p. 101. pl. 20. fig. 1 b (skull), 1855.

**PHILANDER.**

Teeth :—Incisors  $\frac{5-5}{4-4}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{4-4}{4-4}$ ; = 50.

The CINEREOUS OPOSSUM. **Philander cinereus.**

*a.* Skull. South America.

*b, c.* Skulls. Bolivia. From Mr. Bridges' Collection.

The QUICA. **Philander quica.**

*Metachirus quica*, *Burm.*, Faun. Bras. taf. 11. fig. 2 (skull), 1856.

Cervical vertebrae . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	31

\**a.* Skull. Coban, Tropical America.—The specimen described in Waterh. Nat. Hist. Mamm. i. p. 481, 1846.

\**b.* Skull. Santa Cruz, Bolivia. From Mr. Bridges' Collection.

\**c.* Skull. From Mr. Stevens's sale.

*d.* Skull. From Mr. Yarrell's Collection.

*e.* Skull. Chico. From the Zoological Society's Collection.

*f.* Skeleton: male. Brazil. From M. Verreaux's Collection.

The PHILANDER. **Philander opossum.**

*Metachirus opossum*, *Burm.*, Faun. Bras. taf. 11. fig. 1 (skull).

*Didelphys philander*, *Gervais in Castelnau*, Amérique du Sud, p. 100. pl. 20. fig. 5 (dentition).

*Sarigue*, *Buff.*, Hist. Nat. x. p. 334. pl. 50 (skeleton).

The NAKED-TAILED OPOSSUM. **Philander nudicaudatus.**

\**a.* Skull. Brazils. From Mr. Brandt's Collection.

The CRAB-EATER. **Philander marsupialis.**

*Cayopillan*, *Buff.*, Hist. Nat. x. p. 362. pl. 57. fig. 1 (skeleton), figs. 2, 3 (skull).

\**a.* Skull. Tropical America.

\**b.* Skull. From Mr. Bartlett's Collection.

\**c.* Skull.

\**d.* Skull: young. Presented by the Earl of Derby.

**Philander crassicaudatus.**

*Didelphys crassicaudata*, *Waterhouse*, Zool. of H.M.S. Beagle, Mamm. p. 94. pl. 30. fig. 25 *a-d* (skull); Nat. Hist. Mamm. i. p. 497.

\**a.* Skull.

*b.* Skeleton. La Plata. From M. Bravand's Collection.

*c.* Skull. From the Zoological Society's Collection.

The MARMOSE. **Philander murinus.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	37

\*a. Skull. S. America.

b. Skeleton: male. Brazil. From M. Verreaux's Collection.

MERRIAN'S OPOSSUM. **Philander dorsigerus.**

\*a. Skull. Para. Presented by R. Graham, Esq.

\*b. Skull.

## MICRODELPHYS.

**Microdelphys tristriata.**

*Burm.*, Faun. Bras. taf. 11. fig. 7 (skull).

## THYLAMYS.

Teeth:—Incisors  $\frac{5-5}{4-4}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{4-4}{4-4}$ ; = 50.

The ELEGANT PAINTED MOUSE. **Thylamys elegans.**

*Waterhouse*, Nat. Hist. Mamm. i. pl. 22. fig. 3 (skull).

a\*—\*d. Skulls. Chili. From Mr. Bridges' Collection.

e, f. Skeletons. Chili. From Mr. Bridges' Collection.

**Thylamys agilis.**

*Grymæomys agilis*, *Burm.*, Faun. Bras. taf. 11. fig. 6 (skull).

## CHIRONECTES.

Teeth:—Incisors  $\frac{5-5}{4-4}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{4-4}{4-4}$ ; = 50.

The YAPOCK. **Chironectes variegatus.**

*Didelphys palmata*, *Burm.*, Faun. Bras. p. 74. taf. 11. fig. 3 (skull).—*Gervais in Castelnau*, *Amérique du Sud*, p. 101. pl. 20. fig. 3 (dentition), 1855.

\*a. Skull. Brazils.

\*b. Skull. Brazils. From Mr. Brandt's Collection.

## Fam. 5. PHOCIDÆ.

## LOBODON.

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{2-2}{2-2}$ ; =32.

The CRAB-EATING SEAL. *Lobodon carcinophaga*.

*Gray*, Zool. Erebus and Terror, Mamm. ii. tab. 1, tab. 2 (skull); Cat. Mamm. Brit. Mus. pt. ii. Seals, p. 9. fig. 2 (skull), 1850; *Voy. Pole Sud*, tab. (skull).

*Halichærus antarcticus*, *Peale*, U.S. Explor. Exped. 30. tab. 5 (skull).

- \**a*. Skull, three-parts grown. Antarctic Seas, Antarctic Expedition. Presented by the Lords of the Admiralty.—The specimen figured in the ‘Voyage of the Erebus and Terror.’
- b*. Skull: adult. Antarctic Seas, Antarctic Expedition. Presented by the Lords of the Admiralty.
- c*, *d*, *e*. Skulls: adult. Antarctic Seas, Antarctic Expedition. Presented by Lieutenant Smith, R.N.
- f*. Skull: young. Antarctic Seas, Antarctic Expedition. Presented by the Lords of the Admiralty.
- ? *g*. Skeleton. } Presented by the Lords of the Admiralty.
- h*. Skull. }

## STENORHYNCHUS.

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{2-2}{2-2}$ ; =32.

The SEA LEOPARD. *Stenorhynchus leptonyx*.

*F. Cur.*, Dents des Mamm. p. 118, tab. 38 (teeth).—*Blainv.*, Ost. Atl. G. Phoca, pl. 5 (skull and teeth).—*Gray*, Zool. Erebus and Terror, Mamm. tab. 4 (skull); Cat. Mamm. Brit. Mus. pt. ii. Seals, p. 12. fig. 3 (skull).

*Phoca leptonyx*, *Cur.*, Oss. Foss. v. p. 208.

Seal from Georgia, *Home*, Phil. Trans. 1822, p. 240. tab. 29 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	13

- a*. Skull. Antarctic Seas, Antarctic Expedition. Presented by the Lords of the Admiralty.—The specimen figured in the ‘Voyage of the Erebus and Terror.’
- b*. Skull. Antarctic Expedition. Presented by the Lords of the Admiralty.
- c*. Skeleton. Port Nicholson, New Zealand. Presented by Dr. Frederick Knox.
- d*. Skull. Antarctic Seas. Antarctic Expedition. Presented by the Lords of the Admiralty.

- e. Skull, and bones of body. Antarctic Seas, Antarctic Expedition. Presented by the Lords of the Admiralty.
- f. Skull.
- g, h. Skulls. New Zealand. Presented by His Excellency Sir G. Grey.
- i. Skull. Lord Howe's Island. Collected during the voyage of H.M.S. Herald. Presented by the Lords of the Admiralty.

## LEPTONYX.

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{2-2}{2-2}$ ; = 32.

The FALSE SEA LEOPARD. *Leptonyx weddellii*.

Gray, Zool. Erebus and Terror, tab. 6 (skull); Cat. Mamm. Brit. Mus. pt. ii. Seals, p. 15. fig. 4 (skull), 1850.

- \*a, \*b. Skulls. River Santa Cruz, east coast of Patagonia. Presented by Captain Fitzroy.
- \*c. Skull. Antarctic Seas, Antarctic Expedition. } Presented by the  
—The specimen figured in the 'Voyage of } Lords of the  
the Erebus and Terror.' } Admiralty.
- \*d. Skull. Antarctic Seas, Antarctic Expedition. }

## MONACHUS.

The MONK SEAL. *Monachus albiventer*.

Phoque à ventre blanc, Cur., Oss. Foss. v. p. 208. tab. 17. fig. 1 (skeleton), fig. 2. p. 345 (skull).—Gray, Cat. Mamm. Brit. Mus. pt. ii. Seals, fig. 5 (skull).

Pelagios monachus, F. Cuv., Mém. du Mus. xi. p. 193. tab. 13 (skull).

## OMMATOPHOCA.

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Molars  $\frac{6-6}{5-5}$ ; = 34.

ROSS'S ANTARCTIC SEAL. *Ommatophoca rossii*.

Gray, Zool. Erebus and Terror, Mamm. tab. 8 (skull and teeth); Cat. Mamm. Brit. Mus. pt. ii. Seals, p. 19. fig. 6 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	3
Caudal . . . . .	(imperfect).

- a. Skeleton. Antarctic Seas, Antarctic Expedition. Presented by the Lords of the Admiralty.
- \*b. Skull. Antarctic Seas, Antarctic Expedition. Presented by the Lords of the Admiralty.—The specimen figured in the 'Voyage of the Erebus and Terror.'

## CALLOCEPHALUS.

Teeth :—Incisors  $\frac{3-3}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{2-2}{2-2}$ ; =34.

The SEAL. *Callocephalus vitulinus*.

*F. Cur.*, Diet. Sci. Nat. xxxix. p. 544.—*Gray*, Cat. Mamm. Brit. Mus. pt. ii. Seals, p. 21. fig. 7 (skull).

*Phoca vitulina*, *Blainv.*, Ostéog. Atl. pl. 2 (skeleton), pl. 5 (skull).—*Gaimard*, Voy. Isl. Mamm. tab. 11 (skull).—*Blasius*, Faun. Wirb. Deutschl. p. 248. figs. 136, 137 (skull), 1857.—*D'Alton*, Vergl. Osteol. no. 9. pl. 4 (skeleton).—*Spix*, Cephalogenesis, tab. 21 (skull).—*Cur.*, Dents des Mamm. p. 117. pl. 38 (dentition).—*Ball*, Trans. Roy. Irish Acad. xviii. p. 11. pl. 5. figs. 14, 15, 16 (skull and dentition).

*Var.?* *Phoca communis octonotata*, *Kutorga*, Bull. Soc. Imp. Nat. Mosc. 1839, tab. 18. figs. 1-4 (skull).

*Phoque*, *Buff.*, Hist. Nat. xiii. p. 414. pl. 52 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	15
Lumbar . . . . .	5
Sacral . . . . .	3
Caudal . . . . .	12

*a.* Skeleton. From Dr. Mantell's Collection.

*b.* Skull. Greenland.

\**c.* Skull.

*d.* Skeleton. Purchased of Mr. Bartlett.

*e.* Skeleton. Greenland. From Mr. Warwick's Collection.—  
" *Phoca hispida* or *P. annulata*," Warwick.

The RINGED SEAL. *Callocephalus fœtidus*.

*Phoca annellata*, *Ball*, Sketches of British Seals, tab. 2. fig. 36 (skull).

*Phoca fœtida*, *Blasius*, Faun. Wirb. Deutschl. p. 251. figs. 133, 139 (skull), 1857.

\**a.*, \**b.* Skulls. North Sea. Collected by Dr. Robertson during the voyage of H.M.S. Investigator. Presented by the Lords of the Admiralty.

\**c.* Skull. North Sea. From Mr. Argent's Collection.

*d.* Skull. From Mr. Argent's Collection.

*e.* Skull.

*Callocephalus hispida*.

*F. Cur.*, Mém. du Mus. xi. p. 189. tab. 12. fig. 3 *g, h, i* (skull).—

*Gaimard*, Voy. Isl. Mamm. pl. 2. figs. 1, 2 (skull).—*D'Alton*, Vergl. Osteol. no. 9. pl. 4 *d, e* (skull).

## HELIOPHOCA.

Teeth :—Incisors  $\frac{3-3}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Molars  $\frac{5-5}{5-5}$ ; =34.

**Heliophoca atlantica.**

*Gray, Ann. & Mag. Nat. Hist.* xiii. p. 201, 1854.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	15
Lumbar . . . . .	5
Sacral . . . . .	3
Caudal . . . . .	10

- \*a. Skull (imperfect). } Madeira. Presented by R. McAndrew, Esq.  
 \*b. Teeth. }  
 c. Skeleton. Algiers. Purchased of M. Verreaux.—“*Phoca leporina.*”

**PAGOPHILUS.**

Teeth:—Incisors  $\frac{3-3}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{2-2}{2-2}$ ; =34.

The **ATAK or HARP SEAL.** **Pagophilus grœnlandicus.**

*Gray, Cat. Mamm. Brit. Mus.* pt. ii. Seals, p. 25. fig. 8 (skull).

*Phoca grœnlandica, Fabr., Faun. Grœn.* p. 11. 7; *Skrivt. Nat. Selsk.* i. pp. 87, 157, ii. tab. 12. fig. 1 (skull).—*Thiœnem., Bull. Sci. Nat.* v. p. 261. tab. 15 & 18, tab. 19 (skull).—*Ball, Sketches of British Seals,* tab. 2. figs. 33, 35 (skull??).—*Blasius, Faun. Wirb. Deutschl.* p. 253. figs. 140, 141 (skull), 1857.—*Blainv., Ost. Atl. G. Phoca,* pl. 5 (skull).

*Young: Phoca lagura, Cur., Oss. Foss.* v. p. 206.—*Gaimard, Voy. Isl.* Mamm. tab. 2. fig. 6 (skull).

Grey-bearded Seal from Orkney, *Home, Phil. Trans.* 1828, tab. 28 (skull).—*D'Alton, Vergl. Osteol.* no. 9. pl. 4b, c (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	15
Lumbar . . . . .	5
Sacral . . . . .	3
Caudal . . . . .	(?)

a, b, c, d, \*e. Skulls: adult. Greenland. From Dr. Möller's Collection.

f. Skeleton. Purchased of Mr. Frank.

\*g. Skull: “two years old.” Hudson's Bay. Presented by G. Barnston, Esq.

h, i. Skulls.

j. Skull: young. } Greenland. From Dr. Möller's Collection.

k. Skull.

**PHOCA.**

The **BEARDED SEAL.** **Phoca barbata.**

*Fabr., Skrivt. Nat. Selsk.* i. pp. 139–159. tab. 13. fig. 3 (skull).—*Blainv., Ost. Atl. G. Phoca,* pl. 9 (dentition).—*Thiœnem., Nat. Bemerk.* i. tab. 1, 2, 3, tab. 4 (skull).—*Gray, Cat. Mamm. Brit. Mus.* pt. ii. Seals, p. 27. fig. 9 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	15



Lumbar vertebræ . . . . .	5
Sacral . . . . .	3
Caudal . . . . .	12

a. Skeleton: length 8 feet. North Sea. From Mr. Brandt's Collection.

b. Skull.

### HALICHÆRUS.

Teeth:—Incisors  $\frac{3-3}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Molars  $\frac{5-5}{5-5}$ ; = 34.

The GREY SEAL. *Halichærus gryphus*.

*Ball*, Trans. Roy. Irish Acad. xviii. tab. 1. figs. 2, 3 (skull, teeth, &c.).—

*Gray*, Cat. Mamm. Brit. Mus. pt. ii. Seals, p. 30. fig. 10 (skull).—

*Blasius*, Faun. Wirb. Deutschl. p. 256. figs. 143, 144 (skull).

Seal from South Sea, *Home*, Phil. Trans. 1822, tab. 27 (skull).

\*a. Skull: adult. Fern Island.

\*b. Skull: young. Fern Island. Presented by J. P. Selby, Esq.

### TRICHECHUS.

Teeth:—Incisors  $\frac{1-1}{0-0}$ ; Molars  $\frac{3-3}{4-4}$ ; = 16.

The MORSE or WALRUS. *Trichechus rosmarus*.

*Blainv.*, Ost. Atl. pl. 1 (skeleton).—*Gray*, Cat. Mamm. Brit. Mus.

pt. ii. Seals, p. 31. fig. 11 (skull), 1850.—*Blasius*, Faun. Wirb.

Deutschl. p. 261. fig. 148 (adult skull), p. 262. figs. 149, 150 (skulls),

1857.—*Owen*, Odont. pl. 132. fig. 8 (dentition); Odont., Article in

Encycl. Brit. p. 463. fig. 112 (skull), 1854; Orr's Circle of the

Sciences, i. p. 230. fig. 27 (skeleton), 1854.

Morse, *Buff.*, Hist. Nat. xiii. p. 424. pl. 55 (skull).

a. Skull.

b. Skull. Presented by General T. Hardwicke.

c. Skull: young.

d. Tooth, longitudinally divided. Presented by Dr. J. E. Gray.

e-g. Tusks. N.W. coast of America. Presented by Capt. Kellett and Lieut. Wood.

h. Skeleton.

i. Skull: young. Presented by the Linnean Society.

### MORUNGA.

Teeth:—Incisors  $\frac{2-2}{1-1}$ ; Canines  $\frac{1-1}{1-1}$ ; Molars  $\frac{5-5}{5-5}$ ; = 30.

The SEA ELEPHANT. *Morunga elephantina*.

*Gray*, Cat. Mamm. Brit. Mus. pt. ii. Seals, p. 33. fig. 12 (skull).

*Phoca proboscidea*, *Cuv.*, Oss. Foss. v. tab. 18. fig. 1.—*F. Cuv.*, Mém.

du Mus. xi. tab. 14. fig. 1 (skull); Dents des Mamm. p. 124. no. 39A.  
—*Owen*, Odont. pl. 132. fig. 7 (dentition).

*Phoca leonina*, *Blainv.*, Ost. Atl. G. Phoca, pl. 5 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	15
Lumbar . . . . .	5
Sacral . . . . .	3
Caudal . . . . .	(?)

*a.* Skull: very young.

\**b.* Skull and skeleton. Antarctic Seas, Antarctic Expedition. Presented by the Lords of the Admiralty.—The specimen figured in the 'Voyage of the Erebus and Terror.'

*c.* Skull and skeleton. Antarctic Seas, Antarctic Expedition. Presented by the Lords of the Admiralty.

*d.* Skull and imperfect skeleton. Purchased of Mr. Bartlett.

### CYSTOPHORA.

Teeth:—Incisors  $\frac{2-2}{1-1}$ ; Canines  $\frac{1-1}{1-1}$ ; Molars  $\frac{5-5}{5-5}$ ; = 30.

The CLAPNUTZ or CRESTED SEAL. *Cystophora cristata*.

*Nilsson*, Vet. Akad. Handl. 1837.—*Gray*, Cat. Mamm. Brit. Mus. pt. ii. Seals, p. 36. fig. 13 (skull).—*Blasius*, Faun. Wirb. Deutschl. p. 258. figs. 145-147 (skulls).

*Phoca cristata*, *Blainv.*, Ost. Atl. G. Phoca, tab. 5 (skull), tab. 9 (teeth).—*Cuv.*, Oss. Foss. v. p. 210. tab. 18. fig. 3.—*F. Cuv.*, Dents des Mamm. p. 122. tab. 39, tab. 38 B (teeth).

*a.*, \**b.*, \**c.* Skulls: adult. Greenland.

*d.* Skull: lower jaw wanting.

*e.* Skull: half-grown.

*f.* Skull: very young.

*g.* Skull: female. Greenland.

*h.* Skull. Norway. From Dr. A. Günther's Collection.

The WEST INDIAN HOODED SEAL. *Cystophora antillarum*.

*Gray*, P. Z. S. 1849, p. 93; Cat. Mamm. Brit. Mus. pt. ii. Seals, p. 38.

*a.* Skull of a very young specimen. West Indies.

### ARCTOCEPHALUS.

Teeth:—Incisors  $\frac{3-3}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Molars  $\frac{6-6}{5-5}$ ; = 36.

DR. HOOKER'S EARED SEAL. *Arctocephalus hookeri*.

*Gray*, Zool. Erebus and Terror, pl. (skull); Cat. Mamm. Brit. Mus. pt. ii. Seals, p. 40. fig. 15 (skull).

*a.* Skull and skeleton: adult. Falkland Islands, Antarctic Expedition. Presented by the Lords of the Admiralty.—The specimen figured in the 'Voyage of the Erebus and Terror.'

- b.* Skull and skeleton. } Antarctic Expedition. Presented by the  
 \**c*, \**d.* Skulls (imperfect). } Lords of the Admiralty.

THE AUSTRALIAN EARED SEAL. **Arctocephalus lobatus.**

*Gray*, Zool. Erebus and Terror, pl. (skull).

- \**a.* Teeth: adult. Houtman's Abrolhos, Australia. From Mr. Gould's Collection.—The specimen figured in the 'Voyage of the Erebus and Terror.'  
 \**b.* Lower jaw. } Houtman's Abrolhos, Australia. From  
 \**c*, \**d.* Teeth: very young. } Mr. Gould's Collection.  
 \**e.* Skull: adult. North-west Australia. Presented by Captain Sir G. Grey.

**Arctocephalus falklandicus.**

*Gray*, Cat. Mamm. Brit. Mus. pt. ii. Seals, p. 42, 1850.

?*Otaria chilensis*, *J. Müller*, Wieg. Arch. 1841, p. 333 (skull).

- a.* Skull: very young. Antarctic Ocean. Presented by Sir J. Richardson.

**Arctocephalus delalandii.**

*Gray*, Proc. Zool. Soc. 1859, p. 107. pl. 69 (skull).

*Otaria delalandii*, *Cuv.*, Oss. Foss. v. p. 220. tab. 18. fig. 15 (skull).

- \**a*, \**b.* Skulls. Cape of Good Hope.

**Arctocephalus gillespii.**

*Macbain*, Rep. Phys. Soc. Edinb. 1858.—*Gray*, Proc. Zool. Soc. 1859, p. 110. pl. 70 (skull).

- a.* Plaster cast from the original specimen. California.

**Arctocephalus nigrescens.**

*Gray*, Zool. Erebus and Terror, tab. . fig. (skull).

- \**a.* Skull. Falkland Islands.—The specimen figured in the 'Voyage of the Erebus and Terror.'  
 \**b.* Teeth. } Collected by Mr. Macgillivray. Presented by the Lords  
*c.* Skull. } of the Admiralty.  
*d.* Skull. From the Zoological Society's Collection.

THE NORTHERN FUR SEAL. **Arctocephalus ursinus.**

*Gray*, Proc. Zool. Soc. 1859, pp. 103, 108. pl. 68 (skull).

- \**a.* Skull. Behring's Straits.

**Arctocephalus monteriensis.**

*Gray*, Proc. Zool. Soc. 1859, p. 358. pl. 72 (skull).

- a. Skull: adult. California. Presented by J. H. Gurney, Esq., M.P.  
 —The specimen figured in Proc. Zool. Soc. 1859.
- b. Skull: young. California. Presented by J. H. Gurney, Esq., M.P.

**OTARIA.**

Teeth :—Incisors  $\frac{3-3}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Molars  $\frac{5-5}{5-5}$ ; = 34.

The SEA LION. **Otaria leonina.** .

*Gray*, Cat. Mamm. Brit. Mus. pt. ii. Seals, p. 47.  
*Phoca jubata*, *Blainv.*, Ost. Atl. G. *Phoca*, pl. 6 (skull).

- \*a. Teeth of lower jaw. S. America. Presented by Captain Fitzroy,  
 R.N.
- b. Skull: half-grown. S. America. Purchased of Mr. Bridges.
- c. Skull: adult. Purchased of Mr. Argent.
- d. Skull.
- e. Skull: three-parts grown. } From the Zoological Society's Col-  
 f. Skull. } lection.
- \*g. Skull: imperfect. Chili. Purchased of Mr. Brandt.
- h. Skull.—The specimen figured in the 'Voyage of the Erebus and  
 Terror.'
- i, j, k. Skulls.
- \*l. Skull: adult. Falkland Islands.

## Order III. CETÆ.

## Fam. 1. BALÆNIDÆ.

## BALÆNA.

The NORTHERN WHALE. *Balæna mysticetus*.

*Gray*, Zool. Erebus and Terror, pp. 15 & 47. tab. 1. fig. 4 (baleen); Cat. Mamm. Brit. Mus. pt. i. Cetacea, p. 12. pl. 2. fig. 1 (skull).—*Cuv.*, Oss. Foss. v. p. 361. tab. 25. figs. 9-11, tab. 26. fig. 25 (skull).—*D'Alton*, Vergl. Osteol. no. x. pl. 4 (skull).

- a.* Skull and lower jaw. North Sea.  
*b, c.* Two plates of baleen. Greenland. Presented by Messrs. Smith and Simmonds.—The specimen figured in the 'Voyage of the Erebus and Terror,' p. 47. tab. 1. fig. 4.  
*d.* One plate of whalebone. Greenland.

*2 cervical vertebrae all united in one mass*

The WESTERN AUSTRALIAN WHALE. *Balæna marginata*.

*Gray*, Zool. Erebus and Terror, p. 48. tab. 1. fig. 1 (baleen).

- a, b, c.* Three plates of baleen. Length 20 inches; width at the base 2 inches 6 lines. W. Australia. Presented by Mr. Warwick.

The CAPE WHALE. *Balæna australis*.

*Gray*, Zool. Erebus and Terror, pp. 15 & 48. tab. 1. fig. 3 (baleen).  
 Baleine du Cap, *Cuv.*, Oss. Foss. v. p. 368. tab. 24, tab. 25. figs. 1-8, tab. 26.

Vertebræ . . . . . 52 (*Warwick*).

- a.* Bone of fore-arm. Cape of Good Hope.  
*b, c.* Two plates of "South Sea whalebone." Pacific Ocean? Presented by Messrs. Smith and Simmonds.—The specimen figured in the 'Voyage of the Erebus and Terror,' p. 48. tab. 1. fig. 3.  
*d, e.* Two plates of whalebone.

The JAPAN WHALE. *Balæna japonica*.

*Gray*, Zool. Erebus and Terror, pp. 15 & 47. tab. 1. fig. 2 (baleen).

- a, b.* Two plates of "North-west Coast whalebone." N.W. coast of America.—The specimens figured in the 'Voyage of the Erebus and Terror,' p. 47. tab. 1. fig. 2.

## MEGAPTERA.

JOHNSTON'S HUMPBACKED WHALE. *Megaptera longimana*.

*Gray*, Zool. Erebus and Terror, p. 51.

*Balæna longimana*, *Rudolphi*, Abh. der Berl. Acad. 1829, p. 132. pl. 1 (skeleton), pls. 2, 3 (skull).

- a. Skull of adult. Greenland. }  
 b. Baleen of a. } From Professor Eschricht's Collec-  
 c. Skeleton. } tion.

THE POESKOP or CAPE HUMPBACK. *Megaptera poeskop*.

Rorqual du Cap, *Cuv.*, Oss. Foss. v. p. 370. tab. 26. figs. 1-4 (skull), figs. 19-21 (vertebræ), figs. 9 & 22 (fins), fig. 24 (pelvis), tab. 25. fig. 15 (tongue-bones).

## BALÆNOPTERA.

THE PIKE WHALE. *Balænoptera rostrata*.

*Gray*, Zool. Erebus and Terror, p. 50. tab. 2 (skull), tab. 1. fig. 3 (baleen);

Cat. Mamm. Brit. Mus. pt. i. Cetacea, p. 32. pl. 2. fig. 2 (skull).—

*D'Alton*, Vergl. Osteol. no. x. pl. 2 (skeleton).—*Rudolphi*, Abh. der Berl. Acad. 1820, pl. 1 (skeleton), pls. 2, 3 (skull).

*Balæna boops*, *Albers*, Icon. Anat. Comp. tab. 1 (skeleton), 1818.

- a. Skeleton. South Greenland. From Mr. Brandt's Collection.  
 \*b. Plates of baleen. Thames, at Deptford.

## PHYSALUS.

THE RAZOR-BACK. *Physalus antiquorum*.

Rorqual de la Méditerranée, *Cuv.*, Oss. Foss. v. p. 370. tab. 26. fig. 5 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	17
Caudal . . . . .	17

- a. Two plates of baleen. Needles, coast of Hampshire. From the skeleton at Black-gang Chine.  
 b. Several plates of baleen united together. Greenland. From M. Müller's Collection.  
 c. Skeleton: 74½ feet long. Plymouth.

*Physalus (Rorqualus) boops*.

*Balæna boops*, *D'Alton*, Vergl. Osteol. no. x. pl. 3.

*Balænoptera boops*, *Owen*, Odont. pl. 87 a. fig. 1, figs. 2-6 (teeth); Orr's Circle of the Sciences, i. p. 228. fig. 25 (skeleton), 1854.

- a. Skeleton. Coast of Wales.

## Fam. 2. CATODONTIDÆ.

## CATODON.

The NORTHERN SPERM WHALE. *Catodon macrocephalus*.

*Gray*, Cat. Mamm. Brit. Mus. pt. i. Cetacea, pl. 2. fig. 49 (skull).  
*Physeter macrocephalus*, *Pander und D'Alton*, Vergl. Osteol. no. x.  
 pl. 5 (scapula).—*Owen*, Odont. pl. 89. fig. 1 (lower jaw and teeth).—  
*F. Cur.*, Cétacés, 1836, p. 286. pl. 19. figs. 2-5 (skull).—*Anderson*,  
 Camb. Phil. Trans. ii. tab. 13, 14 (skull).

- a. Skull. North Sea.
- b. Lower jaw. Presented by Colonel Cobb.
- c. Lower jaw of young.
- d. Ear-bones. Presented by H. H. Russell, Esq.
- e. Teeth, various.
- f. Section of a tooth.
- g. Lower jaw. South Sea, between Cape Howe and New Zealand.  
 Presented by Louis Nathan, Esq.

The AUSTRALIAN SPERM WHALE. *Catodon australis*.

*Wall*, Hist. New Sperm Whale, Sydney, 1851, tab. 1 (skeleton of male).

## KOGIA.

The SHORT-HEADED WHALE. *Kogia breviceps*.

*Gray*, Zool. Erebus and Terror, p. 22.  
*Physeter breviceps*, *Blainv. in Laurent et Bazin*, Ann. d'Anat. et Phys.  
 ii. pl. 10 (skull).  
*Emphyseter grayii*, *Wall*, Hist. New Sperm Whale, 1851, p. 37. tab. 1  
 & 2 (skeleton).  
 Head of fetal Cachalot, Cat. Coll. Surg. p. 442. no. 2417.

## Fam. 3. DELPHINIDÆ.

## HYPEROODON.

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

The THICK-HEADED HYPEROODON. *Hyperoodon latifrons*.

*Gray*, Zool. Erebus and Terror, tab. 4 (skull); Cat. Mamm. Brit. Mus.  
 pt. i. Cetacea, pl. 3. fig. 1 (skull).

- a. Skull and skeleton (imperfect). Orkney.

The BOTTLE-HEAD. *Hyperoodon butzkopf*.

*Gray*, Zool. Erebus and Terror, p. 20. tab. 3-5 (skull).—*D'Alton*, Vergl.  
 Osteol. no. x. pl. 5 (skull).

The BEAKED HYPEROODON. **Hyperoodon rostratum.**

Hyperoodon, *Cuv.*, Oss. Foss. v. p. 322. tab. 24. figs. 19, 21 (skull).—*F. Cuv.*, Cétacés, pl. 9. figs. 1-3 (skull), 1836.  
Hyperoodon bidens, *Owen*, Odont. p. 347. pl. 88. fig. 1 (end of the upper jaw of the young, showing the teeth).

- a. Skeleton.  
b. A portion of a very young skeleton. } Whitstable, Kent.

**BERARDIUS.****Berardius arnuxii.**

*Duvernoy*, Ann. Sci. Nat. 1851, p. 51. tab.

**ZIPHIUS.****Ziphius sowerbiensis.**

*Gray*, Zool. Erebus and Terror, p. 572. figs. 3, 4, cop. from *Blainv.* drawing, p. 53. tab. (skull); Cat. Mamm. Brit. Mus. pt. i. Cetacea, pl. 3. fig. 2 (skull).

- a. Plaster cast of the skull described by Sowerby. Presented by Dr. Acland.

**DELPHINORHYNCHUS.****BLAINVILLE'S WHALE. Delphinorhynchus micropterus.**

*Dumortier*, Mém. Acad. Brux. xii. tab. 2 (skeleton).—*F. Cuv.*, Cétacés, p. 114. tab. 7 (skull).

- a. Plaster cast of skull. Presented by Professor Van der Hoeven.

**MONODON.**The NARWHAL. **Monodon monoceros.**

*Camper*, Cet. tab. 29, 31 (skull).—*Home*, Lect. Comp. Anat. tab. 42. fig. 1.—*Cuv.*, Oss. Foss. v. tab. 22. fig. 7.—*D'Alton*, Vergl. Osteol. no. ix. pl. 6 (skeleton), no. x. pl. 5 (skull).—*Bonnat.*, Enc. Méth. pl. (skull with two tusks), 1809.—*Albers*, Icon. Anat. Comp. pls. 2, 3 (skull with two tusks).—*Bijdragen tot de Dierkunde*, p. 21. pl. fig. 1 (skull with one tusk), fig. 2 (with two tusks), 1848.—*Owen*, Odontology, Art. in Encycl. Brit. p. 444. fig. 62 (skulls of male and female).—*F. Cuv.*, Cétacés, pl. 17. fig. 3 (skull), 1836.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	11
Lumbar and Caudal . . . . .	33

- a. The tooth. North Sea.  
b. Skull: female: not in good state. North Sea.  
c. Skeleton.



**BELUGA.**

$$\text{Teeth } \frac{9-9}{8-9} = 35.$$

The NORTHERN BELUGA. **Beluga catodon.**

*Delphinus leucas*, *Cuv.*, *Oss. Foss.* v. p. 287. tab. 22. figs. 5, 6 (skull).  
—*D'Alton*, *Vergl. Osteol.* no. vii. (skull).—*F. Cuv.*, *Cétacés*, pl. 16.  
figs. 2, 3 (skull), 1836.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	11
Lumbar, Sacral, and Caudal . . . . .	33

- a.* Skeleton: length 15 feet. Greenland.  
*b.* Skull. Greenland.  
*c.* Skull. Eschscholtz Bay, Behring's Straits. Presented by Captain Kellett, R.N., and Lieut. Wood, R.N.

The AUSTRALIAN BELUGA. **Beluga kingii.**

*Gray*, *Zool. Erebus and Terror*, p. 30. tab. 7 (skull); *Cat. Mamm. Brit. Mus.* pt. i. *Cetacea*, pl. 4. fig. 3 (skull).

- a.* Skull. New Holland. Presented by Capt. P. P. King, R.N.

**NEOMERIS.**

$$\text{Teeth } \frac{16}{16} \text{ or } \frac{20}{19} = 32 \text{ or } 39.$$

The NEOMERIS. **Neomeris phocænoides.**

*Gray*, *Cat. Mamm. Brit. Mus.* pt. i. *Cetacea*, p. 80. pl. 4. fig. 2 (skull).  
*Delphinus melas*, *Temm.*, *Fauna Japonica*, tab. 25 (teeth).

**PHOCÆNA.**

$$\text{Teeth :—} \frac{20-20 \text{ to } 23-23}{20-20 \text{ to } 23-23} = 80 \text{ to } 92.$$

The PORPOISE. **Phocæna communis.**

*Delphinus phocæna*, *Cuv.*, *Oss. Foss.* v. tab. 21. figs. 1 & 2 (skull).—*Lacép.*, *Cét.* tab. 20. fig. 2 (skeleton).—*Gray*, *Cat. Mamm. Brit. Mus.* pt. i. *Cetacea*, pl. 4. fig. 3 (skull).—*D'Alton*, *Vergl. Osteol.* no. vii. *a, b* (skull), no. x. pl. 1 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar, Sacral, and Caudal . . . . .	43

- a.* Skull. From Dr. Mantell's Collection.  
*b.* Four vertebræ.  
*c.* Skeleton. England.  
*d.* Skeleton. Polperro.

**GRAMPUS.**Teeth:— $\frac{0-0}{2-2}$  to  $\frac{0-0}{5-5}$  = 4 to 10.**CUVIER'S DOLPHIN. Grampus cuvieri.**

*Gray*, Cat. Mamm. Brit. Mus. pt. i. Cetacea, pl. 5. fig. 1 (skull).  
*Delphinus griseus*, *Cuv.*, Oss. Foss. v. tab. 22. figs. 1, 2.—*F. Cuv.*,  
 Dents des Mamm. 1825, no. 101 (dentition).

- a. Skull. Isle of Wight. Presented by the Rev. C. Bury.  
 b. Lower jaw. Presented by the Haslar Hospital Museum.

**Grampus richardsonii.**

*Gray*, Cat. Mamm. Brit. Mus. pt. i. Cetacea, p. 85, 1850.

- a. Lower jaw. Presented by the Haslar Hospital Museum.

**GLOBIOCEPHALUS.**Teeth:— $\frac{10-10 \text{ to } 14-14}{10-10 \text{ to } 14-14}$  = 40 to 56.**THE PILOT DOLPHIN. Globiocephalus svineval.**

*Gray*, Zool. Erebus and Terror, p. 32.  
*Delphinus globiceps*, *Cuv.*, Oss. Foss. v. p. 285. tab. 21. figs. 11-13.—  
*F. Cuv.*, Hist. Nat. Cétacés, p. 190. pl. 14. figs. 1-3 (skull); Dents  
 des Mamm. p. 244.—*Gray*, Proc. Zool. Soc. 1861, fig.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	10
Lumbar, Sacral, and Caudal . . . . .	42

- a. Skull. Orkneys. Presented by Professor Traill.  
 b. Lower jaw: half-grown.  
 c. Skull (lower jaw wanting). Dredged from the bed of the Thames.  
 d. Skull.  
 e, f. Lower jaw.  
 g. Skull (imperfect). South Sea. Presented by Dr. Milligan.  
 h. Skeleton. Coast of Ireland.

**Globiocephalus incrassatus.**

*Gray*, Proc. Zool. Soc. 1861, figs. 1, 2.

- a. Skull (the lower jaw wanting). Bridport. Presented by the  
 Rev. H. Beecham.

**THE NAIS-GOTA. Globiocephalus sieboldii.**

*Gray*, Zool. Erebus and Terror, p. 32.—*Siebold*, Faun. Japon. tab. 27  
 (skull, &c.).

**ORCA.**Teeth :— $\frac{13-13}{12-12} = 50$ .**The KILLER. Orca gladiator.***Gray*, Cat. Mamm. Brit. Mus. pt. i. Cetacea, p. 92.—*Cuv.*, Oss. Foss. v. tab. 22. figs. 3, 4.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	11
Lumbar, Sacral, and Caudal . . . . .	32 or 33

- a.* Skull. Coast of Essex. From Mr. Cross's Collection.  
*b.* Skeleton: 20 feet long. Weymouth. Presented by R. Pearce, Esq.  
*c.* Skull. From Mr. Turner's Collection.  
*d.* Skull. From Mr. Stevens's sale.  
*e.* Lower jaw: three-parts grown.

**The CAPE KILLER. Orca capensis.***Gray*, Zool. Erebus and Terror, p. 34. tab. 9 (skull); Cat. Mamm. Brit. Mus. pt. i. Cetacea, p. 95. pl. 5. (skull).

- a.* Skull. Northern Pacific Ocean. Presented by the Zoological Society of London.—The specimen figured in the 'Voyage of the Erebus and Terror.'  
*b.* Skull. Cape of Good Hope. Purchased of Mr. Viney.

**The SMALL KILLER. Orca intermedia.***Gray*, Zool. Erebus and Terror, p. 34. tab. 8 (skull).

- a.* Skull.—The specimen figured in the 'Voyage of the Erebus and Terror.'

**Orca tethyos.***Gervais*, Bull. Soc. Herault, 1853, p. 140. tab. 1. figs. 1-4 (skull).**LAGENORHYNCHUS.**Teeth :— $\frac{28-28}{25-25} = 106$ .**The ASIA. Lagenorhynchus asia.***Gray*, Zool. Erebus and Terror, tab. 14 (skull).

- a.* Skull, wanting teeth.—The specimen figured in the 'Voyage of the Erebus and Terror.'

**The ELECTRA. Lagenorhynchus electra.***Gray*, Zool. Erebus and Terror, p. 35. tab. 13 (skull).

- a.* Skull.—The specimen figured in the 'Voyage of the Erebus and Terror.'

The WHITE-SIDED BOTTLE-NOSE. **Lagenorhynchus leucopleurus.***Gray*, Zool. Erebus and Terror, tab. 12 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar, Sacral, and Caudal . . . . .	60

- a.* Skeleton. Greenland. From Mr. Brandt's Collection.—The specimen figured in the 'Voyage of the Erebus and Terror.'

The WHITE-BEAKED BOTTLE-NOSE. **Lagenorhynchus albirostris.***Gray*, Zool. Erebus and Terror, tab. 11 (skull); Cat. Mamm. Brit. Mus. pt. i. Cetacea, pl. 6. fig. 2 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar, Sacral, and Caudal . . . . .	60

- a.* Skeleton. Yarmouth.—The skull figured in the 'Voyage of the Erebus and Terror,' tab. 11, p. 35.  
*b.* Skeleton. From Mr. Stevens's sale.

**Lagenorhynchus clanculus.***Gray*, Zool. Erebus and Terror, tab. 35 (skull).

- a.* Skull. Pacific Ocean. From Mr. Dickie's Collection.

**Lagenorhynchus thicola.***Gray*, Zool. Erebus and Terror, tab. 36 (skull).

- a.* Skull (imperfect). From Mr. Dickie's Collection.

**DELPHINAPTERUS.**PÉRON'S DOLPHIN. **Delphinapterus peronii.***Lesson*, Voy. Coq. i. p. 217, tab. 1.Dauphin de Péron, *Cuv.*, Oss. Foss. v. tab. 21. figs. 5, 6 (skull).**DELPHINUS.**Teeth:— $\frac{42-42 \text{ to } 48-48}{42-42 \text{ to } 48-48} = 168 \text{ to } 192.$ The DUSKY DOLPHIN. **Delphinus obscurus.***Gray*, Zool. Erebus and Terror, p. 37, tab. 16 (skull).Delphinus bivittatus, *D'Orb.*, Amér. Mérid. Mamm. tab. 21 (skull).Delphinus cruciger, *Quoy et Gaimard*, Voy. Astrolabe, ix. pl. 21. figs. 1, 2 (skull).

- a.* Skull. Cape of Good Hope?  
*b.* Skull. Cape of Good Hope.

The BOTTLE-NOSED WHALE. **Delphinus tursio.**

*Delphinus truncatus*, *Montague*, Wern. Trans. iii. tab. 5. fig. 3 (skull), cop. *Bell's Brit. Quadr.* 472. fig.—*Cuv.*, Oss. Foss. v. tab. 21. figs. 3, 4, tab. 23. figs. 18, 22, 23, 29 (skull and parts of skeleton).—*Camper*, Cetac. tab. 35, 40.—*Schlegel*, Abh. tab. 4. fig. 9, tab. 5. figs. 1, 2.

- a. Skull: bad state. From the Montague Museum.
- b. Skull: bad state. From Dr. Mantell's Collection.
- c. Skull: bad state (semi-fossil). The cliff, Herne Bay. Presented by J. S. Bowerbank, Esq.

The EUTROPIA. **Delphinus eutropia.**

*Gray*, Zool. Erebus and Terror, tab. 34 (skull).

- a. Skull. Pacific Ocean; Chili. From Dr. Dickie's Collection.

The EURYNOME. **Delphinus eurynome.**

*Gray*, Zool. Erebus and Terror, tab. 17 (skull).

- a. Skull. North Sea?—The specimen figured in the 'Voyage of the Erebus and Terror.'

The METIS. **Delphinus metis.**

*Gray*, Zool. Erebus and Terror, tab. 18 (skull).

- a. Skull.—The specimen figured in the 'Voyage of the Erebus and Terror.'

The CYMODOCE. **Delphinus cymodoce.**

*Gray*, Zool. Erebus and Terror, tab. 19 (skull).

- a. Skull.—The specimen figured in the 'Voyage of the Erebus and Terror.'

The STYX. **Delphinus euphrosyne.**

*Delphinus styx*, *Gray*, Zool. Erebus and Terror, pl. 20.

- a. Skull.

The CLYMENE. **Delphinus clymene.**

*Gray*, Zool. Erebus and Terror; Cat. Mamm. Brit. Mus. pt. i. Cetacea, p. 115.

- a. Skull.

The DORIS. **Delphinus doris.**

*Gray*, Zool. Erebus and Terror, tab. 20 (skull).

- a. Skull.—The specimen figured in the 'Voyage of the Erebus and Terror.'
- b. Skull. From Haslar Hospital.

*c, d, e.* Skulls. From Mr. Argent's Collection.

*f.* Skull. Jamaica. Presented by J. H. Gurney, Esq., M.P.

The NEW-ZEALAND DOLPHIN. *Delphinus novæ-zealandiæ.*

*Quoy et Gaim.,* Voy. Astrolabe, tab. 28.—*Gray,* Zool. Erebus and Terror, p. 41.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar, Sacral, and Caudal . . . . .	46 or 47

*a.* Skull. From the Antarctic Expedition.

*b, c.* Skeletons. Antarctic Seas. Presented by the Lords of the Admiralty.

The ALOPE. *Delphinus alope.*

*a.* Skull. From Mr. Warwick's Collection.

The DOLPHIN. *Delphinus delphis.*

*Schlegel,* Abh. i. p. 20. tab. 4. fig. 2 (teeth).—*Cuv.,* Oss. Foss. v. p. 275. tab. 21. figs. 9, 10 (skull).—*Gray,* Cat. Mamm. Brit. Mus. pl. 6. fig. 3 (skull).—*Pander u. D'Alton,* Verh. Osteol. pl. 7 *d* (skull and dentition).—*Bonnat.,* Enc. Méth. pl. 9. fig. 1 (skeleton).—*Owen,* Odontology, Art. in Encycl. Brit. p. 445. fig. 64 (teeth); Odontography, pl. 88. fig. 2 (teeth).—*F. Cuv.,* Cétacés, pl. 9. figs. 4, 5 (skull), 1836; Dents des Mamm. 1825, p. 241. no. 98 (dentition).  
*Delphinus vulgaris,* *Lacép.,* Cét. 250. tab. 14 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar, Sacral, and Caudal . . . . .	54

*a.* Skull (large).

*b.* Skull (smaller). Presented by Allan Cunningham, Esq.

*c.* Skull. St. Helena. Presented by A. Pearson, Esq.

*d.* Skull. Presented by J. J. Bennett, Esq.

*e-p.* Skulls.

*q, r.* Skeletons. English Coast. Presented by Messrs. Grove & Son.

The SMALL-HEADED DOLPHIN. *Delphinus microps.*

*Gray,* Zool. Erebus and Terror, tab. 25 (skull).

*a.* Skull. From the Haslar Museum.—The specimen figured in the 'Voyage of the Erebus and Terror.'

*b.* Skull.

The JANIRA. *Delphinus janira.*

*Gray,* Zool. Erebus and Terror, tab. 23 (skull).

*Delphinus cæruleo-albus.*

*Schreb.,* Säugth. vii. pl. 364 (skull).

**Delphinus pseudodelphis.**

*Schreb.*, Säugth. vii. pl. 358 (skull).

**STENO.**

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

The LARGE-TOOTHED DOLPHIN. **Steno frontatus.**

*Gray*, Zool. Erebus and Terror. tab. 43 (skull); Cat. Mamm. Brit. Mus. pt. i. Cetacea, pl. 7. fig. 4 (skull).

- a. Part of the upper jaw : teeth large.
- b. Bones of the ear. India. Presented by General Hardwicke.
- c. Skull. India.
- d, e. Skulls.
- f. Skull. From Mr. Argent's Collection.

The COMPRESSED-BEAKED DOLPHIN. **Steno compressus.**

*Gray*, Zool. Erebus and Terror, tab. 27 (skull).

- a. Skull. The specimen figured in the ' Voyage of the Erebus and Terror.'
- b, c, e. Skulls.
- d. Skull. South Sea. Antaretic Expedition. Presented by the Lords of the Admiralty.

The SHARP-BEAKED DOLPHIN. **Steno attenuatus.**

*Gray*, Zool. Erebus and Terror, p. 43. tab. 28 (skull).

- a. Skull. India? Presented by Mrs. Ince.
- b. Skull. The specimen figured in the ' Voyage of the Erebus and Terror.'
- c. Skull. 9° N. Lat. Presented by A. Pearson, Esq.

**Steno tucuxi.**

- a, b. Skulls. Male and female. Amazon River. Collected by Mr. Bates.—The original specimens described by Dr. Gray.

**Steno hamatus.**

*Delphinus hamatus*, *Schreb.*, Säugth. vii. pl. 369 (skull).

**PONTOPORIA.**The PONTOPORIA. **Pontoporia blainvillii.**

*Gray*, Zool. Erebus and Terror, tab. 29 (skull); Cat. Mamm. Brit. Mus. pt. i. Cetacea, pl. 7. fig. 4 (skull).

*Delphinus* (*Stenodelphis*) *blainvillii*, *Gervais et D'Orbigny*, Voy. Amér. Mérid. Mamm. tab. 23 (skull).

## INIA.

Teeth :— $\frac{33-34}{34-34} = 135$ .The INIA. *Inia geoffroyi*.

*Gray*, Cat. Mamm. Brit. Mus. pt. i. Cetacea, p. 135. pl. 7. fig. 3 (skull).  
*Inia boliviensis*, *D'Orbigny*, N. Ann. Mus. vii. tab. 22; Voy. Amér.  
 Mérid. Mamm. tab. 22 (skull).—*F. Cuv.*, Hist. Nat. Cétacés, pl. 2.  
 figs. 1, 2 (skull), 1836.

*a, b.* Skulls. From Mr. Bates's Collection.

## PLATANISTA.

Teeth :— $\frac{27-26}{23-26} = 107$ .The SUSUE. *Platanista gangetica*.

*Gray*, Illust. Ind. Zool.; Cat. Mamm. Brit. Mus. pt. i. Cetacea, pl. 7.  
 fig. 2 (skull).—*Owen*, Odont. pl. 87. figs. *a, b* (teeth).—*F. Cuv.*,  
 Hist. Nat. Cétacés, p. 225. pl. 18. figs. 1-3 (skull), 1836.  
*Delphinus gangeticus*, *Cuv.*, Oss. Foss. v. tab. 22. figs. 8, 10 (skull).

*a.* Skull: young (end of nose nearly straight). India (Ganges).  
*b.* Skull: adult (end of nose recurved). India. Presented by  
 Gibson Rowe, Esq.

## Fam. 4. HALICORIDÆ.

## HALICORE.

Teeth :—Incisors  $\frac{2-2}{3-3 \text{ or } 4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Molars  $\frac{5-5}{5-5}$ ; = 30 or 32.The DUGONG. *Halicore dugong*.

*Daubenton*, Buffon, Hist. Nat. xiii. (skull).—*Home*, Phil. Trans. 1821,  
 tab. 20.—*Pander u. d'Alton*, Vergl. Osteol. tab. 5 (skeleton),  
 figs. *a-h* (skull and details of skeleton).—*Cuv.*, Oss. Foss. v. p. 259.  
 tab. 19 & 20 (skeleton and skull).—*Spix*, Cephalog. xxiii. (skull).—  
*Blainr.*, Ost. Atl. G. Manatus, pl. 2 (skeleton), pl. 4 (skull).—*Schreb.*,  
 Sängth. vii. pl. 380. figs. 5, 6 (skull), pl. 383 (skeleton).  
*Halicore indicus*, *Owen*, Odont. pls. 92-95 (dentition); Odont., Art.  
 in Encycl. Brit. (new edit.) p. 446. figs. 6, 7 (section of teeth and  
 jaws).—*F. Cuv.*, Hist. Nat. Cétacés, p. 29. pls. 4-7 (skeleton and  
 skull), 1836.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	18
Lumbar, Sacral, and Caudal . . . . .	31

*a.* Skull: adult. India. Presented by Walter Elliott, Esq.  
*b.* Skeleton. India.  
*c.* Skeleton (imperfect). } From the Zoological Society's Collection.



The AUSTRALIAN DUGONG. *Halicore australis*.

*Owen*, Voy. Fly, ii. p. 325. fig. 1, p. 327. fig. 3, p. 328. fig. 5; *Orr's* Circle of the Sciences, i. p. 229. fig. 26 (skeleton), 1854.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	19
Lumbar, Sacral, and Caudal . . . . .	33

- a. Skeleton. Australia. Purchased of Mr. Strange.  
 b. c. Two upper jaws. N.E. coast of New Holland. Presented by J. B. Jukes, Esq.  
 d. Skull. Presented by J. B. Jukes, Esq.  
 e. Skull. Darnley Island, Torres Straits. Presented by the Earl of Derby.  
 f, g. Two skulls. Moreton Bay. Presented by Captain Stanley. Voyage of H.M.S. Rattlesnake.  
 h. Skeleton. Moreton Bay. Presented by J. Harris, Esq.

## Fam. 5. MANATIDÆ.

## MANATUS.

Teeth :—Incisors  $\frac{1-1}{0-0}$ ; Canines  $\frac{0-0}{0-0}$ ; Molars  $\frac{8-8}{8-8}$ ; = 34.

The MANATE. *Manatus australis*.

Lamantin d'Amérique, *Cur.*, Oss. Foss. v. p. 242. tab. 19. figs. 2, 3, 9, 10, 11, 14-19 (skull, &c.).—*Blainv.*, Ost. Atl. G. Manatus (latirostris), pl. 1 (skeleton), pl. 2 (skull), pl. 3 (skull).

*Manatus americanus*, *Spix*, Cephalog. tab. 7 & 24 (skull).—*Owen*, Odont. pl. 96. figs. 1-5 (dentition).—*F. Cur.*, Dents des Mamm. p. 236. no. 96 (dentition); *Hist. Nat. des Cétacés*, pl. 2. figs. 1, 2 (skull), pl. 3 (skeleton), 1836.—*Vrolik*, Bijdragen tot de Dierkunde, p. 53. pl. 3 (skeleton, &c.), pl. 4 (skull, adult and young), pl. 5 (dentition), 1848.—*Schreb.*, Säugth. vii. pl. 380. figs. 1, 2 (skull).—*Mobius*, Arch. Naturg. 1861, xxvii. p. 149. t. 7 (palate).

- a. Skull. South America?  
 b. Skull. Jamaica. From Mr. Gosse's Collection.  
 c. Skeleton (imperfect). Cuba. Presented by H. Christy, Esq.  
 d. Skull. W. Indies.

The LAMANTIN. *Manatus senegalensis*.

*Desm.*, Mamm. 508.—*Schreb.*, Säugth. tab. 381 (skull).—*Cur.*, Oss. Foss. v. tab. 17. figs. 2, 3 (skull).—*Blainv.*, Ost. Atl. G. Manatus, pl. 3 (skull).—*Schreb.*, Säugth. vii. pl. 380. fig. 1 (upper surface of skull), figs. 3, 4 (skull).

*Manatus vogelii*, *Owen*, Proc. Zool. Soc. 1854, p. 33. pl. 51 (skull).

- a-c. Skeletons. W. Africa. Purchased of Mr. Du Chaillu.

## Order IV. GLIRES.

## Fam. 1. MURIDÆ.

## MUS.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.

The BANDICOOT or PIG RAT. **Mus bandicota.**

*Mus giganteus*, *Waterhouse*, Mag. Nat. Hist. 1839, p. 12. figs. *a, b, c* (skull).

- a.* Skull. Madras. Presented by Walter Elliott, Esq.  
*b, c, d, e.* Skulls. India.  
*f.* Skull. Nepal. Presented by B. H. Hodgson, Esq.

The BLACK RAT. **Mus rattus.**

*Pander und D'Alton*, Vergl. Osteol. no. vi. pl. 5*a, b* (skull).—*Fischer*, Prodr. Cran. Comp. pl. 2. fig. 3 (skull), 1811.  
*Rat, Buff.*, Hist. Nat. vii. p. 278. pl. 36 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	33

*a, b.* Skulls.

\**c.* Skull. Cambridgeshire.—*Mus hibernicus*.

*d.* Skeleton. England. From Mr. Daniel's Collection.

*e.* Skull. Cambridgeshire. Presented by Mr. Baker.

*f.* Skull: young. Chili.

\**g.*? Skull. Jamaica. From Mr. Gosse's Collection.

*h.* Skeleton. Germany. From Dr. A. Günther's Collection.

*i.* Skull. Egypt. From Dr. Christie's Collection.

\**j.* Skull: adult. Chili.

*k.* Skeleton: young. Brought into the Museum alive, with the Nineveh marbles: said to be the Rat of the country from which they came. Presented by Mr. J. Saunders.

*l.* Skeleton. From the Zoological Society's Collection.

The WIROK. **Mus setifer.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	5
Sacral . . . . .	4
Caudal . . . . .	35

*a.* Skeleton. Pinang. Presented by the East India Board.

The NORWAY RAT. **Mus decumanus.**

*Cur.*, Oss. Foss. v. pl. 1. fig. 3 (teeth).—*Owen*, Odont. pl. 105. figs. 9, 10 (teeth).—*Blasius*, Faun. Wirb. Deutschl. p. 310. fig. 171 (skull), figs. 172, 173 (dentition), 1857.

*Surmulot*, *Buff.*, Hist. Nat. viii. p. 218. pl. 27 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	27

*a-d.* Skulls. India. Presented by B. H. Hodgson, Esq.

*e.* Skull. England. Presented by G. R. Gray, Esq.

*f.* Skull. From Dr. Mantell's Collection.

*g.* Skull.

*h.* Skeleton. England. From Mr. Turner's Collection.

*i.* Skeletons: ♂ ♀. England. From Mr. Daniel's Collection.

*j, k.* Skulls: ♂. } S. Germany. From Dr. A. Günther's Collection.

*l.* Skull: ♀. }

*m.* Skull. From the voyage of H.M.S. Herald.

*n.* Skull. W. Falkland. Presented by C. Darwin, Esq.

*o, p.* Skulls. N. America. Presented by Dr. Backman.

*q.* Skull: from a red variety. N. Africa. } From the Zoological So-

*r.* Skull: from a white variety. } ciety's Collection.

\**s.* Skull. "*Mus decumanoides.*" India. Presented by the East India Company.

\**t.* Skull: young. New Zealand. Presented by Sir G. Grey.

The ALEXANDRINE RAT. **Mus alexandrinus.**

\**a.* Skull. Port Natal, S. Africa. From the Stockholm Museum.

\**b.* Skull. Port Natal.

\**c.* Skull. Cape of Good Hope.

\**d.* Skull.

\**e.* Skull: young. Cape of Good Hope.

**Mus pilorides.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	32 or 33

\**a.* Skull. St. Lucia. } From the Zoological Society's Collection.

*b.* Skeleton. }

The WHITE-BELLIED RAT. The ROOF RAT. **Mus tectorum.**

*Baird*, Mamm. N. America, p. 441. pl. 52. fig. 6 (skull).

THE INDIAN RAT. *Mus indicus*.

- a, b, c.* Skulls. India. Presented by B. H. Hodgson, Esq.  
*d.* Skull. India. Purchased of Mr. Turner.  
*e.* Skull. India. Presented by the East India Company.  
*f.* Skeleton. Presented by General Hardwicke.  
*\*g.* Skull.  
*h.* Skull: adult. "Long-tailed Rat."  
*i.* Skull: adult. "House Rat."

THE CAPE RAT. *Mus verreauxii*.

- a.* Skull. South Africa. From the Stockholm Museum.

THE PENCILLED RAT. *Mus penicillatus*.

- \*a.* Skull. New Holland. From Mr. Gould's Collection.

THE BUFF-FOOTED RAT. *Mus cervinipes*.

- a.* Skeleton. } Shadbrook Island, Australia. From Mr. Gould's Col-  
*\*b.* Skull. } lection.

THE BROWN-FOOTED MOUSE. *Mus fuscipes*.

- \*a, \*b.* Skulls: var. S. Australia. Presented by Captain Sir G. Grey.  
*c.* Skull. Darling Downs. From Mr. Gould's Collection.

THE ALLIED RAT. *Mus assimilis*.

- \*a.* Skull. Swan River. Presented by Sir J. Richardson.  
*\*b.* Skull. W. Australia.  
*c, d.* Skulls. Australia. } From Mr. Gould's  
*\*e. ?* Skull. Victoria Plains, W. Australia. } Collection.

THE MOUSE. *Mus musculus*.

*Fischer*, Prodr. Cran. Comp. tab. 1. fig. 7 (skull), 1811.  
*Souris*, *Buff.*, Hist. Nat. vii. p. 309. pl. 39 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	28 or 29

- a.* Skeleton.  
*b.* Skull. London. Presented by Mr. J. Baker.  
*c.* Skull. Epping. Presented by John Ray, Esq.  
*d, e.* Skulls.  
*f.* Skeleton. England. Purchased of Mr. Warwick.  
*g.* Skeleton. England. Purchased of Mr. Daniel.  
*h.* Skull. S. Germany. From Dr. A. Günther's Collection.  
*\*i.* Skull. S. Australia. Presented by Captain Sir G. Grey.  
*j, k.* Skulls. From Mr. Yarrell's Collection.

The GREYISH-WHITE MOUSE. *Mus albo-cinereus*.

- \**a*, \**b*. Skulls. Perth, West Australia.  
 \**c*. Skull. Swan River. Presented by Dr. Richardson.  
*d-f*. Skulls. West Australia. From Mr. Gould's Collection.  
*g*. Skull. Lake Albert.

GOULD'S MOUSE. *Mus gouldii*.

- \**a*. Skull. Swan River. Presented by Dr. Richardson.  
 \**b*, \**c*. Skulls. Victoria Plains.  
*d-g*. Skulls. W. Australia. From Mr. Gould's Collection.

The LINEOLATED MOUSE. *Mus lineolatus*.

- a*. Skull. Darling Downs. From Mr. Gould's Collection.  
*b*. Skull. S. Australia. Presented by Captain Sir G. Grey.

The NEW-HOLLAND FIELD MOUSE. *Mus novæ hollandiæ*.

- a*. Skull. From Mr. Gould's Collection.

The FLAVESCENT MOUSE. *Mus flavescens*.

*Waterhouse*, Voy. of the Beagle, pt. ii. Mamm. pl. 34. fig. 5*a* (first and second molar teeth of lower jaw).

- \**a*. Skull. Bolivia.  
 \**b*, \**c*. Skulls. Bolivia. From Mr. Bridges' Collection.

The WOOD MOUSE. *Mus sylvaticus*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	31

- a*. Skull. England. Presented by J. Ray, Esq.  
 \**b*. Skull. St. Gothard.  
*c*. Skull. S. Germany. From Dr. A. Günther's Collection.  
*d*, *e*. Skulls. St. Gothard.  
*f*. Skeleton. England.  
*g*, *h*. Skulls. From Mr. Yarrell's Collection.

The WHITE-FOOTED MOUSE. *Mus albipes*.

- a*. Skull. Abyssinia. From Dr. Rüppell's Collection.

The ORIENTAL MOUSE. *Mus orientalis*.

- a*. Skull. Egypt. From the Stockholm Museum.

The MINUTE MOUSE. **Mus minutoides.**

*a.* Skull. S. Africa. From the Stockholm Museum.

The NATAL MOUSE. **Mus natalensis.**

*a.* Skull. Port Natal. From the Stockholm Museum.

**Mus limbatus.**

\**a.* Skull. Kordofan.

The DELICATE-COLOURED MOUSE. **Mus delicatulus.**

\**a.* Skull. Port Essington. From Mr. Gould's Collection.

The TAZAMACA. **Mus tazamaca.**

*a.* Skull. Coban, Tropical America.

**Mus nezumi.**

*Temm.*, Fauna Japonica, pl. 15. figs. 6, 7 (skull).

**Mus akanezumi.**

\**a.* Skull. Japan.

\**b.* Skull: young. Japan.

*c.* Skull. Japan.

**Mus speciosus.**

*Temm.*, Fauna Japonica, pl. 16. fig. 3 (skull).

\**a.* Skull. Japan.

**Mus bactrianus.**

\**a.* Skull. Candahar. Presented by Captain Hutton.

**Mus minimus.**

*Peters*, Naturw. Reise nach Mossambique, Säugth. p. 152. pl. 35. fig. 8 (skull).

**Mus arborarius.**

*Peters*, Naturw. Reise nach Mossambique, Säugth. p. 152. pl. 35. fig. 7 (skull).

**Mus microdon.**

*Peters*, Naturw. Reise nach Mossambique, Säugth. p. 149. pl. 35. figs. 5, 6 (skull).

**Mus rupestris.**

*Gervais*, Histoire de Chili, pl. 6. fig. 1 (skull), fig. 1 *a*, *b* (dentition).

**Mus lutescens.**

*Gervais*, Histoire de Chili, pl. 6. fig. 4 c (skull), a, b (dentition).

**Mus galapagoensis.**

a. Skull.

**HESPEROMYS.**

The GREAT-NAILED MOUSE. **Hesperomys megalonyx.**

\*a, \*b. Skulls. Chili. From Mr. Bridges' Collection.

**Hesperomys anguya.**

*Hesperomys anguya*, *Schreb.*, Säugth. iii. pl. 239. fig. (dentition).

The LONG-TAILED MOUSE. **Hesperomys boylii.**

*Hesperomys boylii*, *Baird*, Mamm. N. America, p. 471. pl. 52. fig. (skull).

The RICE-FIELD MOUSE. **Hesperomys palustris.**

*Hesperomys (Oryzomys) palustris*, *Baird*, Mamm. N. America, p. 482. pl. 52. fig. 4 (skull), 1859.

The HAMSTER MOUSE. **Hesperomys myoides.**

*Hesperomys myoides*, *Baird*, Mamm. N. America, p. 472, 1859.  
*Cricetus myoides*, *Gapp.*, Zool. Journ. v. p. 205. tab. 10 (skull).

**Hesperomys texanus.**

*Hesperomys texanus*, *Baird*, Mamm. N. America, p. 464. pl. 52. fig. 5 a, b (dentition).

**Hesperomys typus.**

\*a. Skull. Paraguay.—“*Mus longitarsus*,” Rengg.

The GREAT-EARED MOUSE. **Hesperomys californicus.**

\*a. Skull. California.

The CHILIAN MOUSE. **Hesperomys longicaudatus.**

*Mus longicaudatus*, *Waterhouse*, Voy. of the Beagle, Mamm. p. 39. pl. 34. fig. 1 (skull).

a-h. Skulls. Chili. From Mr. Bridges' Collection.

**Hesperomys macrourus.**

*Hesperomys macrourus*, *Castelnau*, Amérique du Sud, p. 111. pl. 16. fig. 1 d (teeth).

**ABROTHRIX.**

The LONG-HAIRED MOUSE. *Abrothrix longipilis*.

*Waterhouse*, Voy. of the Beagle, Mamm. p. 55. pl. 33. figs. 6 *a*, 6 *b*  
(molar teeth).

*a*, *b*, *c*. Skulls. Chili. From Mr. Bridges' Collection.

The SAND MOUSE. *Abrothrix arenicola*?

*a*, *b*, *c*. Skulls. From Mr. Bridges' Collection.

The DUSKY MOUSE. *Abrothrix obscurus*.

\**a*, \**b*. Skulls. Chili. From Mr. Bridges' Collection.

The OLIVACEOUS MOUSE. *Abrothrix olivaceus*.

*a-f*. Skulls. Chili. From Mr. Bridges' Collection.

**CALOMYS.**

The ELEGANT MOUSE. *Calomys elegans*.

\**a*. Skull.

The AMERICAN FIELD MOUSE. *Calomys leucopus*.

\**a*. Skull.

**PHYLLOTIS.**

DARWIN'S MOUSE. *Phyllotis darwini*.

*Waterhouse*, Voy. of the Beagle, Mamm. p. 64. pl. 23, pl. 34. figs. 17 &  
17 *a* (teeth of upper jaw).

\**a*, \**b*, \**c*, *e*. Skulls. Chili. From Mr. Bridges' Collection.

\**d*. Teeth. Chili. From Mr. Bridges' Collection.

The BOLIVIAN MOUSE. *Phyllotis boliviensis*.

\**a*. Skull. Bolivia. From Mr. Bridges' Collection.

*Phyllotis* — ?

\**a*, \**b*. Skulls. Bolivia. From Mr. Bridges' Collection.

**STEATOMYS.**

*Steatomys edulis*.

*Peters*, Naturw. Reise nach Mossambique, Säugth. i. p. 163. pl. 35.  
fig. 11 (skull).



**PELOMYS.*****Pelomys fallax.***

*Peters*, Naturw. Reise nach Mossambique, Säugth. i. p. 157. pl. 35.  
fig. 9 (skull).

**SACCOSTOMUS.*****Saccostomus lapidarius.***

*Peters*, Naturw. Reise nach Mossambique, Säugth. i. p. 166. pl. 35.  
fig. 12 (skull).

***Saccostomus fuscus.***

*Peters*, Naturw. Reise nach Mossambique, Säugth. i. p. 168. pl. 35.  
fig. 13 (skull).

**HOLOCHILUS.****THE SHARP-NOSED RAT. *Holochilus nasutus.***

\**a.* Skull (imperfect). Bahia, S. America.

**THE BRAZILIAN RAT. *Holochilus brasiliensis.***

\**a.*, \**b.* Skulls. Bahia.

***Holochilus cephalotis.***

*a.* Skull. From M. Verreaux's Collection.

*b.* Skull. Bahia. Presented by F. de Castelnau, Esq.

***Holochilus vulpinus.***

\**a.* Skull. Brazil.

***Holochilus physodes.***

\**a.* Skull. Brazil. From Mr. Brandt's Collection.

***Holochilus scalops.***

*Oxymycterus scalops*, *Gervais*, Histoire de Chili, pl. 6. fig. 3 *a*, *b* (dentition).

**GOLUNDA.****THE MELTADA. *Golunda meltada.***

*a-e.* Skulls. India. Presented by Walter Elliott, Esq.

*f*, *g.* Skulls: lower jaws wanting. India. Presented by Walter Elliott, Esq.

The SMALL-TOOTHED MOUSE. *Golunda microdonta*.

*a, b.* Skulls. India. Presented by Walter Elliott, Esq.

\**c.* Skull. Cape of Good Hope.

The GOLUNDA. *Golunda elliotti*.

*a, b.* Skulls. India. Presented by Walter Elliott, Esq.

The BARBARY MOUSE. *Golunda barbara*.

*Mus barbarus*, *Duvernoy*, Mém. de la Soc. d'Hist. Nat. de Strasbourg, ii. pl. 3. figs. 1-9 (skull).

\**a.* Skull. N. Africa.

## LEGGADA.

The BUDUGA. *Leggada booduga*.

*a, b.* Skulls. India. Presented by Walter Elliot, Esq.

The LEGGADE. *Leggada platythrix*.

*Gray*, Mag. Nat. Hist. 1836.

*a, b.* Skulls. } India. Presented by Walter Elliott,  
*c.* Skull. "*Mus manyelka*." } Esq.

## NESOKIA.

The КОК. *Nesokia kok*.

*a-c.* Skulls. Nepal. Presented by B. H. Hodgson, Esq.

\**d.* Skull. India.

\**e.* Skull. India. From Captain Boys's Collection.

*f-h.* Skulls. India.

The WATER NESOKIA. *Nesokia hydrophila*.

*a, b.* Skulls (imperfect). Presented by B. H. Hodgson, Esq.

HODGSON'S MOUSE. *Nesokia hodgsonii*.

\**a.* Skull: young. Nepal. Presented by B. H. Hodgson, Esq.

HARDWICKE'S NESOKIA. *Nesokia hardwickii*.

*a.* Lower jaw. India. Presented by General Hardwicke.

## CRICETOMYS.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.

**Cricetomys gambianus.**

Mus goliath, *Rüppell*, Mus. Senckenb. tab. 10. fig. 1 *a, b, c* (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	34 or 35

\**a.* Skull. W. Africa. From Mr. Fraser's Collection.

*b.* Skeleton. From the Zoological Society's Collection.

**DENDROMYS.**

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.

The TREE MOUSE. **Dendromys typicus.**

*Smith*, Illustr. Zool. S. Africa, Mamm. pl. 21. fig. 2 *a-c* (skull).

*a.* Skull. From Sir A. Smith's Collection.

**HAPALOTIS.**

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.

The LARGE-EARED HAPALOTIS. **Hapalotis macrotis.**

\**a.* Skull. Australia.

\**b.* Skull. Moore's River, W. Australia.

*c.* Skull. S. Australia. Presented by Captain Sir G. Grey.

The LONG-TAILED HAPALOTIS. **Hapalotis longicaudata.**

\**a.* Skull. Victoria Plains.

\**b.* Skull.

The RABBIT RAT. **Hapalotis albipes.**

*a.* Skull. Adelaide. Presented by C. D. E. Fortnum, Esq.

\**b.* Skull. S. Australia. Presented by Captain Sir G. Grey.

*c.* Skull. S. Australia. From Mr. Gould's Collection.

The WHITE-TIPPED HAPALOTIS. **Hapalotis apicalis.**

\**a.* Skull. From Mr. Gould's Collection.

RICHARDSON'S HAPALOTIS. **Hapalotis richardsonii.**

\**a.* Skull. Swan River. Presented by S. Richardson, M.D.

The MURINE HAPALOTIS. **Hapalotis murina.**

*a.* Skull. Lake Albert, S. Australia.

\**b.* Skull. Plains of Namoi, S. Australia. } From Mr. Gould's Col-  
 ? *c.* Skull. Australia. } lection.

*d.* Skull. Australia.

The FAWN-COLOURED HAPALOTIS. *Hapalotis cervina*.

\*a. Skull. Australia. From Mr. Gould's Collection.

b, c. Skulls.

GOULD'S RABBIT RAT. *Hapalotis gouldii*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	36 or 37

a. Skeleton. Port Essington. From Mr. Gould's Collection.

b. Skull.

## CRICETUS.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.The HAMSTER. *Cricetus frumentarius*.

*Cricetus vulgaris*, *Pander und D'Alton*, Vergleichende Osteologie, pl. 7 (skeleton), pl. 8 (skull).—*Cuv.*, Oss. Foss. v. pl. 1. fig. 5 (teeth, young).—*Blasius*, Faun. Wirb. Deutschl. p. 305. figs. 169, 170 (skull).—*F. Cuv.*, Dents des Mamm. p. 170. no. 61 (dentition).—*Fischer*, Prodr. Cran. Comp. tab. 2. fig. 9 (skull), 1811.

Hamster, *Buff.*, Hist. Nat. xiii. p. 134, pl. 17 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	16 or 17

\*a. Skull. Europe.

b. Skull. From the Zoological Society's Collection.

c. Skeleton. From Mr. Warwick's Collection.

d. Skull.

e. Skeleton. } From the Zoological Society's Collection.

f, g. Skulls: ♂ ♀. Silesia. From Dr. A. Günther's Collection.

h. Skull. From the Zoological Society's Collection.

The KATUGUNA. *Cricetus songarus*.

\*a. Skull. Siberia.

The GOLDEN HAMSTER. *Cricetus auratus*.

*Waterhouse*, Proc. Zool. Soc. 1839; Mag. Nat. Hist. 1839, p. 13. fig. e (skull).

\*a. Skull. Aleppo. From the Zoological Society's Collection.

*Cricetus cinereus*.

\*a. Skull. Erzerroom. From the Zoological Society's Collection.

**Cricetus arenarius.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	14

a. Skeleton. Crimea. Presented by E. J. Smith, Esq.

**SMINTHUS.****Sminthus vagus.**

*Blasius*, Faun. Wirb. Deutschl. p. 302. figs. 165-168 (dentition), 1857.  
—*Brandt*, Mém. Sci. Nat. de St. Pétersbourg, tab. 7. figs. 15-20  
(skull), 1854.

**Sminthus loriger.**

*Demidoff*, Voy. Russie Mérid. tab. 4. fig. 1 a, b, c (skull and dentition).

**EURYOTIS.**

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.

The VLEY MIRIS. **Euryotis irroratus.**

*Smith*, Illustr. Zool. S. Africa, Mamm. pl. 25. fig. 1 a-f (skull and dentition).

\*a. Skull. Caffraria, S. Africa.

\*b. Skull. From M. Sundevall's Collection.

\*c, \*d. Skulls. Port Natal. Purchased of Mr. Warwick.

e. Skull. S. Africa. Presented by Sir A. Smith.

**Euryotis unisulcatus.**

*Smith*, Illustr. Zool. S. Africa, Mamm. pl. 25. fig. 2 a-g (skull and dentition).—*Schreb.*, Säugth. iv. pl. 239 d. fig. 16 (dentition).

a. Skull. S. Africa. Presented by Sir A. Smith.

**Euryotis brantsii.**

*Smith*, Illustr. Zool. S. Africa, Mamm. pl. 24, pl. 25. fig. 3 a-g (skull and dentition).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	24

a. Skeleton. }  
b. Skull. } S. Africa. Presented by Sir A. Smith.

**SIGMODON.**

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.

The SIGMODON. *Sigmodon hispidum*.

*a.* Skull. From the Zoological Society's Collection.

\**b.* Skull.

The TEXAS COTTON RAT. *Sigmodon berlandieri*.

*Baird*, Mamm. N. America, p. 504. pl. 52. figs. 6, 7 (skull), pl. 84. fig. 3 (skull), 1859.

*Sigmodon* — ?

\**a.* Skull.

**LASIUROMYS.**

*Lasiuromys villosus*.

*E. Deville*, Rev. et Mag. de Zool. 1852, iv. p. 557. pl. 16. figs. 5 & 5 *a* (teeth).—*Castelnau*, Amérique du Sud, p. 109. pl. 17. figs. 2, 3, 4 (skull and dentition).

**PHLÆOMYS.**

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.

The PHLÆOMYS. *Phlæomys cumingii*.

*Vaillant*, Voy. de la Bonite, pl. figs. 3-5 (skull).

*a.* Skull. Manilla. From the Zoological Society's Collection.

**HETEROMYS.**

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

The SPINY-POUCHED RAT. *Heteromys anomalus*.

*a.* Skull. S. America. Presented by J. D. Sowerby, Esq.

**PEROGNATHUS.**

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

*Perognathus monticola*.

*Baird*, Mamm. N. America, p. 422. pl. 51. fig. 3 (skull), 1859.

\**a*, \**b.* Skulls. Honduras. From Mr. Dyson's Collection.

*Perognathus hispidus*.

*Baird*, Mamm. N. America, p. 421. pl. 51. fig. 3 (skull), 1859.

## DIPODOMYS.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

The POUCHED JERBOA MOUSE. *Dipodomys phillipsii*.

*Macrocolus altaicus*, *Wagner*, Phys. Abhandl. der K. B. Akad. zu München, v. pl. 7 (skeleton and skull), 1848.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	4
Caudal . . . . .	18

*a.* Skeleton. California. Presented by J. H. Gurney, Esq., M.P.

The KANGAROO RAT. *Dipodomys ordii*.

*Baird*, Mamm. N. America, p. 410. pl. 51. fig. 1, pl. 83. figs. 3, 4 (skull), 1859.

## MERIONES.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{3-3}$ ; = 18.

The KATSE. *Meriones labradorius*.

*F. Cuv.*, Dents des Mamm. p. 187. no. 75 (dentition), 1825.

*a.* Skull. North America.

*b, c.* Skulls. Albany. Presented by G. Barnston, Esq.

*Meriones rufrostris*.

\**a.* Skull. Kordofan.

*Meriones limbatus*.

\**a, b.* Skulls. Kordofan.

*Meriones leucogaster*.

*Peters*, Naturw. Reise nach Mossambique, Säugth. p. 145. taf. 33. fig. 1, taf. 35. fig. 4.

*Gerbillus brevicaudatus*, *Waterhouse*, Mag. Nat. Hist. 1839, p. 13. fig. *c* (skull).

*Meriones caffer*, *Licht. in Schreb.*, Säugth. iv. pl. 239 D. fig. 13 (dentition).

## NEOTOMA.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.

The NEOTOMA. **Neotoma floridana.**

*Geoffroy*, Voy. de la Vénus, pl. 13. *a, c* (skull).—*Baird*, Mamm. N. America, p. 487. pl. 53. fig. 2 (skull), pl. 54. no. 978 (teeth), 1859.

*a.* Teeth of right lower jaw.

\**b.* Skull. California.

The MEXICAN BUSH RAT. **Neotoma mexicana.**

*Baird*, Mamm. N. America, p. 490. pl. 54. no. 1674 (teeth), pl. 84 (skull), 1859.

The BROWN-FOOTED RAT. **Neotoma fuscipes.**

*Baird*, Mamm. N. America, p. 495. pl. 53. fig. 1 (skull), pl. 54. no. 939 (teeth), 1859.

The HAIRY-TAILED RAT. **Neotoma occidentalis.**

*Baird*, Mamm. N. America, p. 496. pl. 53. fig. 3 (skull), 1859.

## TEONOMA.

The TEONOMA. **Teonoma drummondii.**

*Neotoma cinerea*, *Baird*, Mamm. N. America, p. 499. pl. 53. fig. 5 (skull), pl. 54. no. 1694 (teeth), 1859.

## REITHRODON.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.

The RABBIT-LIKE REITHRODON. **Reithrodon cuniculoides.**

*a.* Skull. Santa Cruz. From the Zoological Society's Collection.

The CHINCHILLA-LIKE REITHRODON. **Reithrodon chinchilloides.**

*a.* Skull. Tierra del Fuego. From the Zoological Society's Collection.

The REITHRODON. **Reithrodon typicus.**

*a.* Right side of lower jaw. Maldonado. From the Zoological Society's Collection.

**Reithrodon montanus.**

*Baird*, Proc. Acad. Nat. Sc. Philad. vii. p. 335, 1855; Mamm. N. America, p. 449. pl. 54. no. 1306 (teeth), 1859.



## CTENODACTYLUS.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.

The GUNDI. *Ctenodactylus massonii*.

*Schreb.*, Säugth. iv. pl. 239. fig. 12 (dentition).—*Brandt*, Mém. Acad. St. Pétersb. vii. pl. 8. figs. 1-8 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	11 or 12

- a.* Skull. Mount Matamata. From Mr. Fraser's Collection.  
*b.* Skull. From the Zoological Society's Collection.  
*c.* Skeleton. Algiers. Purchased of M. Parzudaki.

## ARVICOLA.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.

The WATER RAT. *Arvicola amphibius*.

*Cuv.*, Oss. Foss. v. (teeth).—*Owen*, Odont. pl. 105. fig. 12 (teeth).—*Blasius*, Faun. Wirb. Deutschl. p. 344. figs. 183-189 (dentition).—*Brandt*, Mém. Acad. St. Pétersb. vii. tab. 3. figs. 1-8 (skull).  
 Rat d'eau, *Buff.*, Hist. Nat. vii. p. 348. pl. 43 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	23

- \**a.* Skull. Altai Mountains.  
*b-d.* Skulls.  
*e, f.* Skulls. Stockholm. Presented by Professor Sundevall.  
*g.* Skull. From the Zoological Society's Collection.  
*h-k.* Skulls. S. Germany. From Dr. A. Günther's Collection.  
*l.* Skull. Italy.—*Arvicola terrestris*.  
*m.* Skull. Pyrenees.—*Arvicola monticola*, De Selys.  
*n.* Skull.—*Arvicola destructor*, Savi.  
*o.* Skeleton. England. From Mr. E. Gerrard's, Jun., Collection.

*Arvicola savii*.

*Blasius*, Faun. Wirb. Deutschl. p. 394. figs. 220, 221 (dentition).  
 Var. *b.* *Arvicola incertus*, *De Selys*, Rev. et Mag. de Zool. 1854, vi. p. 360. pl. 11. fig. 1 *a, b* (skull and teeth).—*Blasius*, Faun. Wirb. Deutschl. p. 394. fig. 222 (dentition), 1857.

- \**a.* Skull. Milan.

THE ALPINE ARVICOLE. *Arvicola nivalis*.

*Martins*, Rev. Zool. 1842, p. 331.—*Blasius*, Faun. Wirb. Deutschl. p. 359. figs. 193, 194 (dentition).

Var. 1. *Arvicola leucurus*, *Gerbe*, Rev. Zool. ii. p. 260. pl. 14. figs. 5-7 (skull), 1852.—*Blasius*, l. c. p. 360. figs. 197, 198.

Var. 2. *Arvicola petrophilus*, *Wagner*, Münch. Gel. Anz. 1853, no. 38. p. 307.—*Blasius*, l. c. p. 360. figs. 195, 196 (dentition), 1857.

\**a*, *b*, *c*. Skulls. St. Gothard. From the Stockholm Museum.

*Arvicola ratticeps*.

*Keys. u. Blas.*, Mém. Acad. St. Pétersb. iv. p. 333, 1841.—*Blasius*, Faun. Wirb. Deutschl. p. 336. figs. 199-201 (dentition), 1857.

\**a*. Skull. Russia. From Mr. Brandt's Collection.

*b-e*. \*Skulls (*A. medius*). Sweden. Presented by Professor Sundevall.

*Arvicola lacepedii*.

*Blasius*, Faun. Wirb. Deutschl. p. 330. fig. 176 (skull), 1857.

THE BANK CAMPAGNOL. *Arvicola glareolus*.

*Blasius*, Faun. Wirb. Deutschl. p. 337. figs. 177-179 (dentition), figs. 181, 182 (teeth of *Arvicola nageri*), 1857.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	19

\**a*. Skull. Isle of Wight. Presented by the Rev. C. Bury.

*b*. Skull. Epping. Presented by John Ray, Esq.

*c*, *d*. Skulls. England. Presented by Mr. Edward Gerrard.

\**e*. Skull. Stockholm. Presented by Professor Sundevall.

*f*. Skeleton. England. Purchased of Mr. Warwick.

*g*. Skeleton. England. Presented by Mr. Edward Gerrard.

*h*. Skeleton. Berlin. From Dr. A. Günther's Collection.

*i*, \**j*, *k*. Skulls. St. Gothard.—*Arvicola rufescens*, De Selys, Campagnols de Liège.

\**l*, \**m*. Skulls: var. *A. rutilus*. Sweden. Presented by Professor Sundevall.

*n*. Skull. From Mr. Yarrell's Collection.

\**o*. Skull. Germany.—*Hypudæus hercynicus*, Mehlis, in Schreb. Säugth.

THE CAMPAGNOL. *Arvicola arvalis*.

*Blasius*, Faun. Wirb. Deutschl. p. 379. figs. 209, 210 (dentition), 1857.

*Arvicola arenicola*, *De Selys*, et *Arvicola rufescenti-fuseus*, *Schinz*, in *Blasius*, l. c. p. 380. figs. 211-214 (dentition).

Campagnol, *Buff.*, Hist. Nat. vii. p. 369. pl. 48 (skeleton).

*a*. Skeleton. England?

- b.* Skull. England?  
*c.* Skull. Epping. Presented by J. Ray, Esq.  
*d-f.* Skulls. England. Presented by Mr. Edward Gerrard.  
*g, h.* Skeletons. England. Purchased of Mr. Turner.  
*i-k.* Skulls. S. Germany. From Dr. A. Günther's Collection.  
*l.* Skeleton. England. From Mr. Warwick's Collection.  
*m, n.* Skulls. From the Zoological Society's Collection.

The SAXIN. *Arvicola saxatilis.*

*Schrenck*, Säugth. des Amur-Landes, p. 137. taf. 5. fig. 3 (dentition), 1858.

- \**a.* Skull. Siberia.  
 \**b.* Skull.

*Arvicola (Hypudæus) amurensis.*

*Schrenck*, Säugth. des Amur-Landes, p. 129. pl. 6. fig. 2 *a, b* (dentition), 1858.

*Arvicola maximowiczii.*

*Schrenck*, Säugth. des Amur-Landes, p. 141. pl. 6. fig. 5 *a, b* (dentition), 1858.

The REDDISH-GREY ARVICOLE. *Arvicola rufo-canus.*

- \**a.* Skull. Sweden. From the Stockholm Museum.

*Arvicola agrestis.*

*Blasius*, Faun. Wirb. Deutschl. p. 369. figs. 202-205 (dentition).  
*Arvicola britannicus*, *Selys*, in *Blasius*, Faun. Wirb. Deutschl. p. 369.  
 fig. 206 (dentition), 1857.

- \**a.* Skull: var. *A. neglecta*, Thomps. Pyrenees.  
*b, c.* Skulls. From Mr. Yarrell's Collection.

*Arvicola campestris.*

*Blasius*, Anz. der Baier. Akad. der Wiss. zu München, 1853, p. 107:  
 Faun. Wirb. Deutschl. p. 375. figs. 207, 208 (dentition), 1857.

*Arvicola gregalis.*

*Mus gregalis*, *Pallas*, Glires, i. tab. 27. fig. xvii. 20 (skull), 1778.

*Arvicola lagurus.*

- \**a.* Skull.

*Arvicola alliarius.*

*Mus alliarius*, *Pallas*, Glires, i. p. 252. tab. 27. fig. xvii. 22 (skull), 1778.

**Arvicola subterraneus.**

*Blasius*, Faun. Wirb. Deutschl. p. 388, figs. 215, 216 (dentition), 1857.

\*a. Skull. Var. *b. A. pyrenaicus*. Pyrenees.

**Arvicola cinnamoneus.**

*Baird*, Mamm. N. America, p. 541. pl. 54. no. 1714 (teeth), 1859.

THE OREGON GROUND MOUSE. **Arvicola townsendii.**

*Baird*, Mamm. N. America, p. 527. pl. 54. no. 1595 (teeth), 1859.

THE PRAIRIE MEADOW MOUSE. **Arvicola austerus.**

*Leconte*, Proc. Acad. Nat. Sc. Philad. vi. p. 405, 1854.—*Baird*, Mamm. N. America, p. 539. pl. 54. no. 1587 (teeth), 1859.

THE UPLAND MOUSE. **Arvicola pinetorum.**

*Baird*, Mamm. N. America, p. 544. pl. 54. no. 1719 (teeth).

a. Skull. From the Zoological Society's Collection.

THE RED-BACKED MOUSE. **Arvicola gapperii.**

*Vigors*, Zool. Journ. v. p. 204. tab. 9 (teeth).—*Baird*, Mamm. N. America, p. 518.

THE AWINNAK or NORTHERN MEADOW MOUSE. **Arvicola borealis.**

*Brachyurus blumenbachii*, *Fischer*, Prod. Cran. Comp. pl. 2. fig. 2 (skull), 1811.

**ELLOBIUS.**

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.

THE TALPINE RAT. **Ellobius talpinus.**

*Brandt*, Mém. Acad. St. Pétersb. vii. pl. 5. figs. 1-6 (skull).

*Chthonoërgus talpinus*, *Nordmann*, Voy. Dennidoff, iii.

*Spalax talpinus*, *Fischer*, Syn. Mamm. p. 302.

*Lemmus talpinus*, *Griffith*, Anim. Kingd. v. 555. 4.

\*a. Skull. Ural. } From Mr. Brandt's Collection.  
\*b. Skull. }

**MYODES.**

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.

**Myodes obensis.**

*Brants*, Muiz. 55.—*Middendorff*, Bull. Acad. St. Pétersb. 1844.

a. Skull. Russia. } Purchased of Mr. Brandt.  
b. Skull. Siberia. }

**Myodes œconomus.**

Mus œconomus, *Pallas*, *Glires*, p. 225. pl. 17. fig. 19 (skull), 1778.

\**a.* Skull. Russia. From Mr. Brandt's Collection.

The LEMMING. **Myodes lemmus.**

Mus lemmus, *Pallas*, *Glires*, p. 204. tab. 27. fig. xvii. 9 A, B. (skulls), fig. xviii. 10 (fore-foot), 1778.

*a, b.* Skulls. From the Zoological Society's Collection.

*c.* Skull. Sweden.

The TAWNY LEMMING. **Myodes helvolus.**

\**a, \*b.* Skulls. Hudson's Bay. Presented by Dr. J. Rae.

BACK'S LEMMING. **Myodes trimucronatus.**

\**a.* Skull. Hudson's Bay. Presented by the Hudson's Bay Company.

**Myodes torquatus.**

\**a.* Skull.

\**b, \*c.* Skulls. Presented by Dr. J. Rae; collected during his expedition in 1847.

The OWINYAK or GREENLAND LEMMING. **Lemmus grœnlandicus.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	10

\**a, \*b, \*c.* Skulls. Presented by Dr. J. Rae.

\**d.* Skull. Hudson's Bay. Presented by the Hudson's Bay Company.

*e, f.* Skeletons. Wellington Channel. Presented by Captain Sir Edward Belcher.

**CTENOMYS.**

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

The BRAZILIAN CTENOMYS. **Ctenomys brasiliensis.**

*D'Orb.*, *Voy. Amér. Mérid.* pl. 17. figs. 2-5 (skull).—*Eydoux et Gervais*, *Voy. de la Favorite*, v. pl. 8. fig. 2 (skull).—*Waterhouse*, *Nat. Hist. Mamm.* ii. p. 282. pl. 8. fig. 6 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12

Lumbar vertebræ . . . . .	7
Sacral . . . . .	4
Caudal . . . . .	20

- \*a. Skull. Bolivia.—The specimen figured in }  
 Waterhouse, Nat. Hist. Mamm. }  
 \*b. Skull. Bolivia. } From Mr. Bridges'  
 \*c. Skull. Chili. } Collection.  
 d. Skeleton. }  
 e. Skull. From Mr. Stevens's sale-rooms.

The MAGELLANIC CTENOMYS. **Ctenomys magellanicus.**

*Waterhouse*, Nat. Hist. Mamm. ii. p. 283. pl. 8. fig. 5 (skull).

- a. Skull. Purchased of Mr. Bridges.

The BOLIVIAN CTENOMYS. **Ctenomys boliviensis.**

*Waterhouse*, Nat. Hist. Mamm. ii. p. 278.

- \*a. Skull. Santa Cruz. Purchased of Mr. Bridges.—The specimen described by Mr. Waterhouse.  
 \*b. Skull (smaller).

The WHITE-TOOTHED CTENOMYS. **Ctenomys leucodon.**

*Waterhouse*, Nat. Hist. Mamm. ii. p. 281.

- a, b. Skulls. Bolivia. Purchased of Mr. Bridges.—The specimens described by Mr. Waterhouse.  
 c. Skeleton. Bolivia. From Mr. Bridges' Collection.

CASTOR.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

The BEAVER. **Castor canadensis.**

*Baird*, Mamm. N. America, p. 355. pl. 47. fig. 1 (skull), 1859.—*Owen*, Catal. Osteol. Ser. Roy. Coll. Surg. 1855, ii. B. d. 45. p. 163.  
 Castor fiber canadensis, *Blair*, Ost. G. Castor, pl. 2 (skull).  
 Castor americanus, *Brandt*, Mém. Acad. St. Pétersb. vii. p. 64. taf. 1. fig. 2, taf. 2. figs. 6, 7 (skull), taf. 3, 4 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	4
Caudal . . . . .	25

- a. Lower jaw, right side.  
 b. Skull (from a black variety). Hudson's Bay. Presented by the Hudson's Bay Company.

- c. Skeleton (imperfect). From the Zoological Society's Collection.  
 d. Skeleton. Vancouver's Island. Presented by W. A. Mouat, Esq.  
 e, g. Skulls.  
 f. Skeleton.  
 h. Skull. From Mr. Stevens's sale-rooms.  
 i, j. Skeletons: male and female.

THE EUROPEAN BEAVER. *Castor fiber*.

*Pander und D'Alton*, Vergl. Osteol. pl. 2 (skeleton), pl. 8 g (skull).—*Cur.*, Oss. Foss. v. p. 10. pl. 1. fig. 12 (teeth), pl. 3. figs. 3-6 (young), pls. 8, 9 (adult skulls).—*Owen*, Odont. pl. 105. fig. 5 (teeth); Catal. Osteol. Ser. Roy. Coll. Surg. 1855.—*Blasius*, Faun. Wirb. Deutschl. p. 404. fig. 225 (dentition).—*Blainv.*, Ost. Atl. G. Castor, pl. 1 (skeleton), male.

*Castor galliæ*, *F. Cur.*, Dents des Mamm. p. 138. no. 71. p. 162. no. B, D. 43 (dentition).

*Castor europæus*, *Brandt*, Mém. Acad. St. Pétersb. vii. p. 63. taf. 1. fig. 1, taf. 2. fig. 1, taf. 3. figs. 1, 2 (skull).

*Castor*, *Buff.*, Hist. Nat. viii. p. 33. pl. 42 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	27

- \*a. Skull: young. Hungary. Purchased of Mr. L. Parreyss.  
 b. Skeleton. River Donau. Purchased of Mr. Brandt.  
 c. Skull (lower jaw wanting).

MYOPOTAMUS.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

THE COYPU. *Myopotamus coypus*.

*Waterhouse*, Nat. Hist. Mamm. ii. p. 297. pl. 14. fig. 2 (carpus and part of metacarpus), fig. 3 (tarsus and metatarsus), pl. 16. fig. 1 a, b, c (skull).—*F. Cur.*, Dents des Mamm. p. 183. no. 72 (dentition), 1825.—*Schreb.*, Säugth. pl. 239 E. fig. (dentition).—*Blainv.*, Ost. G. Myopotamus, pl. (skeleton).—*Brandt*, Mém. Acad. St. Pétersb. vii. taf. 8. figs. 9-14 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	3
Caudal . . . . .	26 or 27

- a. Skull: adult. North America?  
 \*b. Skull: half-grown. North America.  
 c. Bones of the body. Chili.

- d. Skeleton. } Chili. Purchased of Mr. Bridges.  
 e. Skull. }  
 f, g. Skulls. From Mr. Yarrell's Collection.  
 h. Skull. From the Zoological Society's Collection.

### CERCOMYS.

#### The CERCOMYS. *Cercomys cunicularius*.

*F. Cuv.*, Mamm. iii. pl. 60; *Nouv. Ann. du Mus.* i. p. 449. pl. 18. fig. 1 (molar teeth of upper jaw), pl. 19. figs. 1, 2 (skull).—*Waterhouse*, Nat. Hist. Mamm. ii. p. 305. pl. 16. figs. 2, 2 a (skull), copied from *F. Cuvier's* figure.

### FIBER.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.

#### The ONDATRA. *Fiber zibethicus*.

*Pander und D'Alton*, *Vergl. Osteol.* no. 6. pl. 8a, b (skull).—*Baird*, Mamm. N. America, pl. 54. fig. 626 b (teeth), 1859.

*Mus zibethicus*, *F. Cuv.*, *Dents des Mamm.* p. 157. no. 53 (dentition), 1825.

*Ondatra zibethica*, *Waterhouse*, *Mag. Nat. Hist.* 1839, p. 594. fig. 70. —*Brandt*, *Mém. Acad. St. Pétersb.* vii. figs. 9-14 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	3
Sacral . . . . .	27
Caudal . . . . .	6

- \*a. Skull (imperfect). North America.  
 b, c. Skulls. From the Zoological Society's Collection.  
 d. Skeleton. Purchased of Mr. Brandt.

### HYDROMYS.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{2-2}{2-2}$ ; = 12.

#### The HYDROMYS. *Hydromys chrysogaster*.

*Schreb.*, *Säugeth.* pl. 239 e. fig. (dentition).—*Brandt*, *Mém. Acad. St. Pétersb.* vii. tab. 11. figs. 1-6 (skull).

*Hydromys flaviventer*, *Owen*, *Odont.* pl. 105. fig. 18 (right ramus of lower jaw).

*Hydromys leucogaster*, *F. Cuv.*, *Dents des Mamm.* p. 172. no. 63 (dentition).

- a. Skull. Australia.



**HABROCOMA.**Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; =20.**BENNETT'S HABROCOMA. Habrocoma bennettii.**

*Molina*, Storia del Chile, pl. 6. fig. 5 (skull), fig. 5 *a, b, c* (dentition).  
 —*Waterhouse*, Nat. Hist. Mamm. ii. p. 248. pl. 8. fig. 1 (skull and lower jaw).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	17
Lumbar . . . . .	5
Sacral . . . . .	4
Caudal . . . . .	23

*a, b, c.* \*Skulls. Chili. From Mr. Bridges' Collection.

*d.* Skull: young. Chili. From the Zoological Society's Collection.

**OCTODON.**Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; =20.**BRIDGES' OCTODON. Octodon bridgesii.**

*Waterhouse*, Nat. Hist. Mamm. ii. p. 259. pl. 8. figs. 3 & 2 *b* (skull and lower jaw).

*a-c.* \*Skulls. Chili. From Mr. Bridges' Collection.

**THE CUCURRITO or DEGUS. Octodon degus.**

*Waterhouse*, Nat. Hist. Mamm. ii. p. 253. pl. 8. figs. 2 & 2 *a* (skull and lower jaw).

*Octodon cumingii*, *Molina*, Storia del Chile, pl. 6. fig. 7 (dentition).—

*Brandt*, Mém. Acad. St. Pétersb. iii. pl. 7. figs. 9-14 (skull).

*Dendrobis degus*, *Schreb.*, Säugth. iv. pl. 239 c, d. fig. 1 (dentition).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	26

*a.* Skeleton.

*b.* Skull.

\**c.* Skull (white var.).

\**d.* Skull.

*e, f.* Skeletons.

*g.* Skull (white var.).

Chili. From Mr. Bridges' Collection.

From the Zoological Society's Collection.

**THE DORMOUSE OCTODON. Octodon gliroides.**

*D'Orb.*, Voy. ix. pl. 16. fig. (skull).

## SCHIZODON.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

THE BROWN SCHIZODON. *Schizodon fuscus*.

*Waterhouse*, Nat. Hist. Mamm. ii. p. 265. pl. 8. fig. 4.—*Schreb.*, Säugth. iv. pl. 239 D. fig. 4 (dentition).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	21

- \**a.* Skull.  
 \**b.* Skull (imperfect).  
*c, d.* Skeletons.
- } Chili. From Mr. Bridges' Collection.

## SPALACOPUS.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

POEPPIG'S SPALACOPUS. *Spalacopus poeppigii*.

*Waterhouse*, Nat. Hist. Mamm. ii. p. 269. pl. 8. fig. 7 (skull and lower jaw).

- a.* Skull. Chili. From Mr. Bridges' Collection.  
*b.* Skull.

## AULACODUS.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

THE GROUND RAT. *Aulacodus swinderianus*.

*Temm.*, Mon. Mamm. i. p. 248. tab. 25, p. 245. tab. 25 (skeleton, young).—*Waterhouse*, Nat. Hist. Mamm. ii. p. 356. pl. 16. fig. 9 *b, c* (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	22

- \**a.* Skull. Port Natal. Purchased of Mr. Warwick.  
*b.* Skull. From the Zoological Society's Collection.  
*c.* Skeleton. W. Africa. Presented by Balfour Baikie, Esq.  
*d.* Skull and seven cervical vertebræ. Presented by Professor Owen.

## CAPROMYS.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; =20.The SHORT-TAILED CAPROMYS. *Capromys pilorides*.*Waterhouse*, Nat. Hist. Mamm. ii. p. 287. pl. 12. figs. 1-5 (skull, &c.), pl. 1 a (skeleton).*Capromys fourrieri*, *Desm.*, Mém. de la Soc. d'Hist. Nat. Paris, i. p. 43. —*Ramon de la Sagra*, Hist. Phys. de l'Île de Cuba, Mamm. p. 11, Atlas, pl. 6 (skeleton), pl. 7 (skull, &c.).—*Blainv.*, Ostéog. G. Capromys, pl. (skeleton and skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	17
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	24

- a. Skull. }  
 b, c. Skeletons. } From the Zoological Society's Collection.  
 d. Skull: young (upper jaw only).

The PREHENSILE-TAILED CAPROMYS. *Capromys prehensilis*.*Ramon de la Sagra*, Hist. Phys. de l'Île de Cuba, Mamm. p. 12, Atl. pl. 5, and pl. 8. figs. 2, 3 (skull), 1840.

- \*a. Skull, and bones of the body. }  
 \*b. Skull. } From the Zoological Society's  
 \*c. Skull, and bones of the body. } Collection.

The SHORT-TAILED UTIA. *Capromys brachyurus*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	16
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	14

- a. Skull. Jamaica. From Mr. Gosse's Collection.  
 \*b. Skull, and bones of the body. From the Zoological Society's Collection.  
 c. Skull and limbs. Jamaica. From Mr. Gosse's Collection.

## PLAGIODONTIA.

*Plagiodontia ædium*.*F. Cuv.*, Ann. des Sci. Nat. vi., new series, p. 347. pl. 17.—*Waterhouse*, Nat. Hist. Mamm. ii. p. 296. pl. 10. fig. 8 (skull, copied from *F. Cuvier's* figure).—*Blainv.*, Ostéog. G. Capromys, pl. (skull).

## ECHIMYS.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; =20.

The CAYENNE ECHIMYS. *Echimy*s *cayennensis*.

*Pictet*, Mém. de la Soc. de Phys. et d'Hist. Nat. de Genève, ix. p. 145. pls. 1-3, pl. 4 (skeleton), 1841-2.—*Waterhouse*, Nat. Hist. Mamm. ii. p. 334. pl. 16. figs. 6 & 6a (molar teeth).

\*a. Skull.

*Echimy*s *fuliginosus*.

\*a, \*b. Skulls. Bahia. Presented by F. de Castelnau, Esq.

The WHITE-SPINED ECHIMYS. *Echimy*s *albispinosus*.

*Is. Geoff.*, Guér. Mag. de Zool. 1840, pl. 29. figs. 1-3 (molar teeth).

The SPINELESS ECHIMYS. *Echimy*s *inermis*.

*Waterhouse*, Nat. Hist. Mamm. ii. pp. 349 & 498. pl. 16. fig. 5.

\*a. Skull. Bolivia. From Mr. Bridges' Collection.—The specimen figured by Mr. Waterhouse.

b. Skull: young.

The STRONG-SPINED ECHIMYS. *Echimy*s *hispidus*.

*Is. Geoff.*, Guér. Mag. de Zool. 1840, Mamm. pp. 9, 35 & 54. pl. 29. figs. 4, 5, 6 (molar teeth).

## DACTYLOMYS.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

The TYPICAL DACTYLOMYS. *Dactylomys typus*.

Guér., Mag. de Zool. 1840, Mamm. pp. 29 & 47. pl. 28. figs. 1-3 (molar teeth).—*Waterhouse*, Nat. Hist. Mamm. ii. p. 311. pl. 16. fig. 3 (skull, copied).—*Deville*, Rev. et Mag. de Zool. iv. p. 353. pl. 16. figs. 1, 2 (teeth), 1852.

*Echimy*s *dactylinus*, *F. Cuv.*, Nouv. Ann. du Mus. i. p. 450. pl. 18. fig. 3 (teeth), pl. 19. figs. 5, 6 (skull); *Dents des Mamm.* p. 186. no. 73 (dentition), 1825.

*Dactylomys*, *Schreb.*, Säugth. iv. pl. 239. fig. 10 (dentition).

## ACOMYS.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.

The EGYPTIAN ACOMYS. *Acomys dimidiatus*.

\*a. Skull. Egypt. From the Stockholm Museum.

*Acomys mexicanus*.

*Brandt*, Mém. Acad. St. Pétersb. vii. taf. 5 a. figs. 11, 12 (dentition).

**Acomys spinosissimus.**

*Peters*, Naturw. Reise nach Mossambique, Säugth. i. p. 160. pl. 35.  
fig. 10 (skull).

**LONCHERES.**

Teeth :—Ineisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

**The BICOLOURED LONCHERES. Loncheres picta.**

*Nelomys pictus*, *Pictet*, Notices sur les Animaux nouveaux ou peu connus du Musée de Genève, 2<sup>d</sup>e livr. p. 29. pl. 8 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	17
Lumbar . . . . .	8
Sacral . . . . .	3
Caudal . . . . .	35 or 36

\**a.* Skeleton. Purchased of Mr. Brandt.

**The STRONG-SPINED LONCHERES. Loncheres armata.**

*Schreb.*, Säugth. Suppl. iii. p. 335.

\**a.* Skull. Presented by the Earl of Derby.

**Loncheres didelphoides.**

*Waterhouse*, Nat. Hist. Mamm. ii. p. 322.

*Nelomys didelphoides*, *Is. Geoff.*, Mag. de Zool. 1840, pp. 41, 50. pl. 24.

\**a.* Skull.

\**b.* Lower jaw.

**Loncheres macrura.**

*Schreb.*, Säugth. iv. p. 239 D. fig. 7 (dentition).

**The WHITE-CRESTED LONCHERES. Loncheres cristata.**

*Waterhouse*, Mag. Nat. Hist. ii. p. 315. pl. 16. fig. 4 (skull).

**The BLACK-TAILED LONCHERES. Loncheres blainvillii.**

*Schreb.*, Säugth. Suppl. iii. p. 334, et iv. pl. 234 D. fig. 8 (dentition).

*Nelomys blainvillii*, *Is. Geoff.*, Mag. de Zool. 1840, pl. 28. figs. 9, 10 (dentition).—*Derville*, Rev. et Mag. de Zool. 1852, iv. p. 564. pl. 16. fig. 4 *a* (teeth).

*a.* Molar teeth, right side. From the Zoological Society's Collection.

**Loncheres semivillosa.**

*Is. Geoff.*, Mag. de Zool. 1840, Mamm. pp. 42, 50. pl. 28. figs. 7-9 (teeth).

## PETROMYS.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

The ROCK MOUSE. *Petromys typicus*.

*A. Smith*, S. African Quart. Journ. i. p. 146: Illustr. Zool. S. Africa, Mamm. pl. 21. fig. 1 *a-e* (skull).—*Waterhouse*, Nat. Hist. Mamm. ii. p. 309. pl. 16. fig. 8 (skull).—*Schreb.*, Säugth. iv. pl. 239 D. fig. 11 (dentition).

Cervical vertebræ.....	7
Dorsal .....	12
Lumbar .....	7
Sacral .....	4
Caudal .....	20 (imperfect).

- a.* Skull. S. Africa. From the South African Museum.  
*b.* Skull.  
*c.* Skeleton. S. Africa. Presented by Sir A. Smith.

## HYSTRIX.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

The PORCUPINE. *Hystrix cuvieri*.

*Schreb.*, Säugth. iv. p. 599. pl. 166 (skull), 1792.—*F. Cuv.*, Mém. du Mus. ix. pp. 424, 430. tab. 20 (skull).—*Brandt*, Mém. de l'Acad. de St. Pétersb. 1835, p. 371. tab. 8. figs. 1 & 2 (skull).—*Van der Hoevern*, Acad. Exp. tab. 19. figs. 1-4 (skull and dentition).—*Waterhouse*, Nat. Hist. Mamm. ii. p. 448. pl. 20. fig. 1 (skull).—*Owen*, Odont. fig. 1 (dentition).—*Cuv.*, Oss. Foss. v. p. 19. pl. 1. fig. 9.—*Spix*, Cephalog. pls. 7-11.—*Pander und D'Alton*, Vergl. Osteol. pl. 1 (skeleton), pl. 8. fig. *d* (skull), 1823.—*Blainv.*, Ostéog. G. Hystrix, pl. 1 (skeleton, ♂), pl. 2 (skulls).

Cervical vertebræ.....	7
Dorsal .....	14
Lumbar .....	5
Sacral .....	4
Caudal .....	11

- a.* Skull. From the Zoological Society's Collection.—The specimen described by Dr. Gray in Proc. Zool. Soc. 1847.  
*\*b.* Skull, and bones of the body. Gambia. Presented by the Earl of Derby.—The specimen described by Mr. Waterhouse in Nat. Hist. Mamm. ii. pl. 20. figs. 1 & 2.  
*c.* Skull. Tunis. From Mr. Fraser's Collection.  
*d.* Skull. Portugal.  
*\*e.* Skeleton: very much diseased. } From the Zoological Society's  
*f.* Skeleton. } Collection.  
*g.* Skeleton.

THE ASIATIC PORCUPINE. *Hystrix cristata*.

*Gray*, Proc. Zool. Soc. 1847.—*Blainv.*, Ostéog. G. *Hystrix*, pl. 11 (skull, from Syria).

*Hystrix hirsutirostris*, *Brandt*, Mamm. Exot. &c. p. 39. pl. 8. figs. 3-6 (skull and lower jaw).

*a.* Skull.

*b.* Skull. Xanthus. Presented by G. Scharf, jun., Esq.

\**c.* Skull. From the Zoological Society's Collection.

THE CRESTLESS NEPAL PORCUPINE. *Hystrix hodgsoni*.

*Waterhouse*, Nat. Hist. Mamm. ii. p. 461. pl. 20. fig. 3 (skull), 1848.

*Hystrix daubentonii*, *Blainv.*, Ostéog. G. *Hystrix*, pl. 2 (skull).

*a.* Skull. Nepal. Presented by B. H. Hodgson, Esq.—The specimen described by Dr. Gray and figured by Mr. Waterhouse.

*b, c.* Skulls. Nepal. Presented by B. H. Hodgson, Esq.

THE SAYAL. *Hystrix leucurus*.

*Sykes*, Proc. Zool. Soc. 1831, p. 103.—*Gray*, Proc. Zool. Soc. 1847.

*Hystrix cristata* F. of Bengal, *Blainv.*, Ostéog. G. *Hystrix*, p. 22. pl. 11 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	16
Lumbar . . . . .	4
Sacral . . . . .	4
Caudal . . . . .	(imperfect).

*a.* Skull.

*b.* Bones of the body.

*c.* Skull.—The specimen described in *Waterhouse's Nat. Hist. Mamm. ii. p. 460. pl. 20* (skull), 1848. } Nepal. Presented by B. H. Hodgson, Esq.

*d.* Skull: young.

?*e.* Skeleton. From Mr. Warwick's Collection.

*f, g.* Skulls. Nepal. Presented by B. H. Hodgson, Esq.—*H. nepalensis*, Hodgson.

## ACANTHION.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

THE JAVA PORCUPINE. *Acanthion javanicum*.

*F. Cuv.*, Mém. du Mus. ix. pp. 425 & 431. tab. 20. figs. 3 & 4 (skull), 1826.—*Van der Hoeven*, Act. Bonn. xix. p. 182. tab. 19. fig. 4 (lower jaw), 1839.

*Hystrix javanica*, *Waterhouse*, Nat. Hist. Mamm. ii. p. 465. pl. 20. fig. 4 (skull).—*Blainv.*, Ostéog. G. *Hystrix*, pl. 2 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14

Lumbar vertebræ.....	4
Sacral .....	4
Caudal .....	15 or 16

- a. Skeleton. From Mr. Bartlett's Collection.
- b. Skeleton. Since discovered to be a hybrid between the Common Porcupine and the Java species. Bred at the Surrey Gardens. From Mr. Bartlett's Collection.
- A. *flemingii*, Gray, Proc. Zool. Soc. 1847.
- c. Skeleton. Hybrid, from the same pair of Porcupines as (b). Bred at the Surrey Gardens. From Mr. Bartlett's Collection.
- d. Skeleton.
- \*e. Skull, and bones of body. From the Zoological Society's Collection.

### CERCOLABES.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

The COENDOO. *Cercolabes prehensilis*.

*Waterhouse*, Nat. Hist. Mamm. ii. p. 416. pl. 18. fig. 2 (skull), copied from Brandt's figure.

*Hystrix prehensilis*, *Pander und D'Alton*, Vergl. Osteol. no. 6. pl. 6 (skeleton).—*Blainv.*, Ostéog. G. *Hystrix*, pl. 3 (skeleton and skulls).

Cervical vertebræ.....	7
Dorsal .....	17
Lumbar .....	5
Sacral .....	3
Caudal .....	32

- a. Skeleton. Brazils.
- \*b. Skull: young.
- c. Skull. Purchased of Mr. Cross.
- d. Skeleton. From the Zoological Society's Collection.
- e. Skull.

The BOLIVIAN CERCOLABES. *Cercolabes boliviensis*.

- \*a. Skull. Bolivia. From Mr. Bridges' Collection.—The specimen described by Dr. Gray.

*Cercolabes spinosus*.

*F. Cuv.*, Mém. du Mus. ix. p. 433. pl. 20. figs. 5, 6 (skull), fig. 7 (feet).

*Cercolabes pallidus*.

*Waterhouse*, Nat. Hist. Mamm. ii. p. 434. pl. 18. fig. 3 a (upper molars).

The TRICOLOURED TREE PORCUPINE. *Cercolabes villosus*.

*Brandt*, Mamm. Exot. p. 71. pl. 10. figs. 5-7 (skull), 1835.—*Waterhouse*, Nat. Hist. Mamm. ii. p. 427. pl. 18. fig. 3 (skull).

- a. Skull. Brazils. From M. Parzudaki's Collection.



THE MEXICAN TREE PORCUPINE. *Cercolabes novæ-hispaniæ*.

*Waterhouse*, Nat. Hist. Mamm. ii. p. 422. pl. 18. fig. 4 (bones of right fore-foot).

\*a. Skull.

THE PERUVIAN TREE PORCUPINE. *Cercolabes nycthemera*.

*Waterhouse*, Nat. Hist. Mamm. ii. p. 417, 1848.

\*a. Skull.

## ERETHIZON.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

THE CAWQUAW or URSON. *Erethizon dorsatus*.

*F. Cuv.*, Mém. du Mus. ix. p. 432. tab. 20. figs. 1, 2 (skull), 1822.—

*Baird*, Mamm. N. America, p. 569. pl. 55. no. 3066 (teeth).—

*Brandt*, Mém. Acad. St. Pétersb. vii. tab. 9. figs. 1-7 (skull).

*Hystrix dorsata*, *Blainv.*, Ostéog. G. *Hystrix*, pl. 3 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	17

- \*a. Skull. Central America. } From the Zoological Society's Col-  
 b. Skeleton. } lection.  
 c. Skull: young. From Mr. Yarrell's Collection.

*Erethizon epixanthus*.

*Brandt*, Mamm. Exot. p. 55. pl. 9. figs. 1-3 (skull).—*Baird*, Mamm. N. America, p. 569. pl. 55. no. 1263 (teeth), 1859.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	17

- a. Skeleton. California. From Mr. Brandt's Collection.

## SPIGGURUS.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

THE ORICO. *Spiggurus insidiosus*.

*Hystrix insidiosa*, *Blainv.*, Ostéog. G. *Hystrix*, pl. 3 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	16

Lumbar vertebræ . . . . .	5
Sacral . . . . .	4
Caudal . . . . .	27 or 28

- \**a.* Skull: young. Brazils. From Mr. Brandt's Collection.  
*b.* Skull: young. Brazils.  
*c.* Skeleton: ♂. Brazils. Purchased of Mr. Becker.  
*d.* Skeleton. Brazils. Purchased of Mr. Brandt.  
 \**e.* Skull, and bones of the body.  
*f.* Skeleton.

### CHÆTOMYS.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

#### The QUILLED RAT. *Chætomys subspinosus.*

*Gray*, in *Voy. of H.M.S. Sulphur*, pl. 18, figs. 1-6 (skull).—*Waterhouse*, *Nat. Hist. Mamm.* ii. p. 401. pl. 18, fig. 1 *a, b* (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	15
Lumbar . . . . .	7
Sacral . . . . .	4
Caudal . . . . .	28

- \**a.* Skull. Brazils. From Mr. Brandt's Collection.—The specimen described in the 'Proc. Zool. Soc.' for 1843, p. 21, and figured in the 'Voyage of the Sulphur,' pl. 18, figs. 1-6.  
 \**b.* Skull. Brazils. From Mr. Brandt's Collection.  
*c.* Skeleton.

### ATHERURA.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

#### *Atherura macroura.*

*Waterhouse*, *Nat. Hist. Mamm.* ii. p. 472. pl. 18, fig. 5.

*Hystrix macroura*?, *Gervais*, *Voy. de la Bonite* (skull).—*Blainv.*, *Ostéog. G. Hystrix*, pl. 2 (skull, ♂).

- \**a.* Skull.—The specimen figured by Mr. Waterhouse.

#### The INDIAN BRUSH-TAILED PORCUPINE. *Atherura fasciculata.*

*Waterhouse*, *Nat. Hist. Mamm.* ii. p. 470. pl. 18, fig. 6 (skull), figs. 6, 6 *b* (palate and teeth).

*Hystrix macroura*, *Gervais*, *Voy. de la Bonite* (skull).—*Blainv.*, *Ostéog. G. Hystrix*, pl. 2 (skull, ♂).

- \**a.* Skull.

#### The TUFTED-TAILED PORCUPINE. *Atherura africana.*

*Waterhouse*, *Nat. Hist. Mamm.* ii. p. 476. pl. 18, figs. 5, 5 *a* (skull).

*Hystrix fasciculata*. *Blainv.*, *Ostéog. G. Hystrix*, pl. 11 (skull, ♂).

## DOLICHOTIS.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

The MARA. *Dolichotis patagonicus*.

*Waterhouse*, Nat. Hist. Mamm. ii. p. 161, pl. 4, fig. 1 (skull).—*Owen*, Odont. figs. 2, 3 (dentition): Odontology, Art. in Encycl. Brit. p. 453, fig. 88 (section of skull).

*Cavia patagonica*, *Blainv.*, Ostéog. G. *Cavia*, pl. 2 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	4
Caudal . . . . .	15

\**a.* Skull and imperfect skeleton. S. America. Presented by the Earl of Derby.

\**b.* Skull: young. Chili. From Mr. Bridges' Collection.

*c.* Skeleton. Chili. Purchased of Mr. Brandt.

## DASYPROCTA.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

The AGOUTI. *Dasyprocta aguti*.

*Waterhouse*, Nat. Hist. Mamm. ii. pp. 375, 378 (skull), 1848.—*Pander und D'Alton*, Vergl. Osteol. no. 6, pl. 1 (skeleton).—*Cuv.*, Oss. Foss. v. pl. 1, fig. 10 (teeth).—*Owen*, Odont. pl. 105, fig. 14 (teeth).—

*Blainv.*, Ostéog. G. *Cavia*, pl. 2 (parts of skeleton), pl. 4 (skull, &c.).

—*Brandt*, Mém. Acad. St. Pétersb. vii. pl. 10, figs. 1-8 (skull).

*Agouti*, *Buff.*, Hist. Nat. viii. p. 390, pl. 54 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	11

*a.* Skeleton.—The specimen described by Mr. Waterhouse.

\**b.*, *d.*, *e.* Skulls.

*c.* Skeleton.

*Dasyprocta prymnolopa*.

*a.* Skull.—The specimen described by Mr. Waterhouse in Nat. Hist. Mamm. ii. p. 381, 1848.

*b.* Skull.

AZARA'S AGOUTI. *Dasyprocta azaræ*.

*a-c.* Skulls. Bolivia. From Mr. Bridges' Collection.

*d.* Skull. From the Zoological Society's Collection.

The CRESTED AGOUTI. *Dasyprocta cristata*.\**a.* Skull. S. America. Purchased of Mr. Bartlett.*b, c.* Skulls. From the Zoological Society's Collection.The ACOUCHY or OLIVE AGOUTI. *Dasyprocta acouchy*.\**a.* Skull, and bones of the body.—The specimen described by Mr. Waterhouse in Nat. Hist. Mamm. ii. p. 394. col. 1.*b, c.* Skulls. From the Zoological Society's Collection.

## CŒLOGENYS.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.The PACA. *Cœlogenys paca*.*Waterhouse*, Nat. Hist. Mamm. ii. p. 364. pl. 18. fig. 8 (skull).*Cœlogenys fulvus*, *F. Cuv.*, Ann. du Mus. x. p. 206. pl. 9. figs. 1 & 2 (skull).*Cœlogenys subniger*, *F. Cuv.*, Ann. du Mus. x. p. 206. pl. 9. figs. 3 & 4.*Cœlogenys fusca*, *Owen*, Odont. pl. 105. fig. 15 (teeth).—*Cuv.*, Oss. Foss. v. pl. 1 (teeth).*Cavia paca*, *Blainv.*, Ostéog. G. *Cavia*, pl. 2 (skeleton, ♂), pl. 4 (skull, from Guiana and Columbia).*Paca*, *Buff.*, Hist. Nat. Supp. iii. p. 278. pl. 44 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	5 (imperfect).

*a.* Skull. Trinidad. Presented by J. Wright, Esq.*b, c.* Skulls. S. America.\**d.* Skull: young. S. America.*e.* Skeleton. S. America. From Mr. Brandt's Collection.*f.* Skeleton. S. America. From Mr. Stevens's sale-rooms.*g.* Skull. S. America. From Mr. Argent's Collection.*h, i.* Skulls. } S. America From the Zoological Society's Collection.*j.* Skeleton. }

## HYDROCHÆRUS.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.The CAPYBARA. *Hydrochærus capybara*.*Pander und D'Alton*, Vergl. Osteol. no. 6. pl. 1 (skeleton), pl. 8 *a, b, c* (skull), 1821.—*Cuv.*, Oss. Foss. v. (dentition), 1823.—*F. Cuv.*, Dents des Mamm. p. 148. no. 46 (dentition), 1825.—*Owen*, Odont. pl. 105. fig. 17 (dentition), 1840–45.—*Waterhouse*, Nat. Hist. Mamm. ii. pl. 4. fig. 3 (skull), 1843.—*Brandt*, Mém. Acad. St. Pétersb. vii. pl. 10. fig. 9 (lower jaw).

*Cavia capybara*, *Blainv.*, *Ostéog. G. Cavia*, pl. 1 (skeleton), pl. 2 (skull and dentition).

*Cabiai*, *Buff.*, *Hist. Nat.* xii. p. 434. pl. 50 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	6

- a. Skull: imperfect. } Tropical America.  
 \*b. Skull: adult. }  
 c. Teeth }  
 d. Skeleton: bones separate. } From the Zoological Society's Col-  
 e. Skeleton: mounted. } lection.

## CAVIA.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; =20.

The CAVY or GUINEA PIG. *Cavia aperea*.

*Waterhouse*, *Nat. Hist. Mamm.* ii. pp. 161, 184, 185. pls. 4, 16 (teeth).

*Cavia cobaya*, *Pauder und D. Alton*, *Vergl. Osteol.* pl. 8m (skull).—

*Blainv.*, *Ostéog. G. Cavia*, pl. 11 (skulls, adult and young).

*Cavia porcellus*, *Owen*, *Odont.* pl. 104. fig. 4 (dentition).

*Cochon d'Inde*, *Buff.*, *Hist. Nat.* viii. pl. 5 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	6

a. Skull: female. London. Presented by Mr. J. Baker.

\*b. Skull.

c, d. Skulls: male. }  
 e. Skull: female. } S. Germany. From Dr. A. Günther's Collection.  
 f. Skull: male. }  
 g. Skull: female. }

h. Skull. S. America. Presented by Charles Darwin, Esq.

i. Skull. Peru?—*Cavia cutleri*, King. The specimen described by Mr. Waterhouse in *Nat. Hist. Mamm.* ii. pp. 192–196. pl. 10. fig. 7.

j. ? Skull. Presented by Charles Darwin, Esq.

k. Skeleton: male. England.

l. Skeleton: female. England.

m. Skull. Presented by Sir A. Smith.

n. Skull.

o. Skull. Bahia. From the Zoological Society's Collection.—*Cavia flaviventer*, *Waterh.* MSS.

p. Skull. St. Catherine, Brazils. From M. Parzudaki's Collection.

THE RUFIOUS-BROWN CAVY. ? *Cavia flavidens*.

*Waterhouse*, Nat. Hist. Mamm. ii. pp. 168, 171. pl. 16. fig. 10 (skull).

- a. Skeleton. From Mr. Brandt's Collection.—“*Cavia aperca*.” The specimen figured and referred to by Mr. Waterhouse.

SPIX'S CAVY. *Cavia (Cerodon) spixii*.

*Waterhouse*, Nat. Hist. Mamm. ii. p. 173. pl. 16. figs. 11, 11a (skulls).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	4
Caudal . . . . .	5

- a. Skull. Bahia. *C. leucogaster*, } From the Zoological Society's Col-  
 Waterh. MSS. } lection.  
 b. Skeleton.

THE BOLIVIAN CAVY. *Cavia boliviensis*.

*Waterhouse*, Nat. Hist. Mamm. ii. p. 175. pl. 10. fig. 4c (skull), pl. 16. fig. 13 (skull).

- a-c. \*Skulls. Bolivia. From Mr. Bridges' Collection.—The specimens described by Mr. Waterhouse.

THE SOUTHERN CAVY. *Cavia (Cerodon) australis*.

*Waterhouse*, Nat. Hist. Mamm. ii. p. 180. pl. 16. fig. 13 (skull).—

*Is. Geoff. et D'Orb.*, Voy. Amér. Mérid. ix. pl. 18. figs. 2-5 (skull).

*Cavia aperca*, *Blainv.*, Ostéog. G. *Cavia*, pl. 11 (skull).

- \*a. Skull. Patagonia? From Mr. Bridges' Collection.  
 b, c. Skulls. From the Zoological Society's Collection.  
 d. Skull.—The specimen figured by Mr. Waterhouse.  
 e. Skull. From the Zoological Society's Collection.

THE ROCK CAVY. *Cavia (Cerodon) rupestris*.

*Waterhouse*, Nat. Hist. Mamm. ii. pp. 164, 183. pl. 4. fig. 2 (skull), pl. 10. fig. 1 (skull), pl. 16. fig. 1 (teeth).

*Kerodon moco*, *F. Cur.*, Dents des Mamm. p. 151 (teeth), 1825.

*Cavia moco*, *Blainv.*, Ostéog. G. *Cavia*, pl. 2 (skull).

- \*a. Skull. From Mr. Hultse's Collection.  
 b. Skull. Bahia. From the Zoological Society's Collection.—The specimen described and figured by Mr. Waterhouse.

## LEPUS.

Teeth :—Incisors  $\frac{2-2}{1-1}$ ; Molars  $\frac{6-6}{5-5}$ ; = 28.

The RABBIT. *Lepus cuniculus*.

*Owen*, Odont. pl. 104. fig. 5, pl. 105. fig. 16 (dentition).—*Blasius*, Faun. Wirb. Deutschl. p. 426. fig. 230 (dentition), 1857.  
*Lapin*, *Buff*, Hist. Nat. vi. p. 340. pl. 57 (skeleton).

Cervical vertebrae . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	4
Caudal . . . . .	15

- a, b*. Two skulls (tame var.); nearly double the size of the wild ones. London. Presented by Mr. George.  
*c*. Skull (wild). England. Presented by Mr. J. Baker.  
*d, e*. Skulls.  
*f*. Skull (Angora var.). Presented by Miss Inglis.  
*g*. Skull (incisor teeth very much elongated). Purchased of Mr. Warwick.  
*h*. Skull. Tunis. Purchased of Mr. Fraser.  
*i*. Skeleton.  
*j*. Skull. Falkland Islands. Presented by Charles Darwin, Esq.  
*k*. Skull.  
*l-u*. Skulls. From the Zoological Society's Collection.  
*o-q*. Skulls.  
*r*. Skull: female.  
*s*. Skull (ears dependent).  
*t*. Skeleton.  
*u*. Skull (incisor teeth very much elongated). From the Zoological Society's Collection.

The BLACK-FOOTED RABBIT. *Lepus nigripes*.

- a*. Skull. Presented by Mr. Edward Gerrard, jun.

The HARE. *Lepus timidus*.

*Fischer*, Prod. Cran. Comp. pl. 2. fig. 4 (skull).—*Pander und D'Alton*, Vergl. Osteol. pl. 3 (skeleton), pl. 8 (skull), 1821-31.—*Waterhouse*, Nat. Hist. Mamm. ii. pl. 2. figs. 2, 2*a, b, c* (skull).—*F. Cuv.*, Dents des Mamm. p. 152. no. 50 (dentition), 1825.—*Blasius*, Faun. Wirb. Deutschl. p. 410. fig. 227 (skull), fig. 228 (dentition), 1857.  
*Lièvre*, *Buff*, Hist. Nat. vi. p. 298. pl. 48 (skeleton).

Cervical vertebrae . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	4
Caudal . . . . .	15

- a*. Skull.  
*b-d*. Skulls. Purchased at Mr. Stevens's sale.  
*c*. Skeleton.  
*f*. Skull.

*g.* Skeleton. Purchased of Mr. Warwick.

*h.* Skull.

*i, j.* Skulls: male. S. Germany. }

*k.* Skull: young. }

*l, m.* Skulls. Silesia. }

From Dr. A. Günther's Collection.

*n.* Skeleton (black variety). From the Zoological Society's Collection.

The IRISH HARE. **Lepus hibernicus.**

Yarrell, Proc. Zool. Soc. 1838, p. 88.

\**a.* Skull. Ireland. Presented by the Earl of Derby.

*b, c.* Skeletons. Ireland. Presented by W. Thompson, Esq.

*d.* Skull. From the Zoological Society's Collection.

*e.* Skull. From Mr. Yarrell's Collection.

The SCOTCH HARE. **Lepus variabilis.**

Blasius, Faun. Wirb. Deutschl. p. 420. fig. 229 (dentition), 1857.

*a.* Skull. Scotland.

The ASHY-GREY HARE. **Lepus canescens.**

\**a.* Skull. Sweden. From M. Sundevall's Collection.

*b, d.* Skulls.

*c.* Skull. Sweden. Purchased of Mr. Bartlett.

The NORTHERN HARE. **Lepus borealis.**

*a.* Skull: female. Sweden. From M. Sundevall's Collection.

The BLACK HARE. **Lepus altaicus?**

*a.* Skull. Russia. From Mr. Brandt's Collection.

*b.* Skull.

The REKALEK or POLAR HARE. **Lepus arcticus.**

*Lepus glacialis*, Baird, Mamm. N. America, p. 577. pl. 56. fig. 1 (skull), 1859.

*a.* Skull. Greenland.

*b.* Skull. Greenland.—The specimen described by Mr. Waterhouse in Nat. Hist. Mamm. ii. p. 107.

\**c.* Skull. Kotzebue. Presented by Capt. Kellett and Lieut. Wood.

*d, e.* Skeletons. Arctic Expedition. From Dr. Rae's Collection.

The INDIAN HARE. **Lepus macrotus.**

*a-c, e-l.* Skulls. }

*d.* Bones of the trunk. }

India. Presented by B. H. Hodgson, Esq.

The TOLAI. **Lepus tolai.**

\**a.* Skull. Siberia. From Mr. Brandt's Collection.



THE JAPAN HARE. *Lepus brachyurus*.

*Temm.*, Faun. Japon. pl. 2. figs. 2, 3 (skull).

\**a.* Skull. Japan.

*Lepus sinensis*.

\**a.* Skull. China. Presented by J. R. Reeves, Esq.

THE ROCK HARE. *Lepus saxatilis*.

\**a.* Skull. Cape of Good Hope. Presented by the Earl of Derby.

THE SARDINIAN HARE. *Lepus mediterraneus*.

*a.* Skull. Tunis. From Mr. Fraser's Collection.—The specimen described in Mr. Waterhouse's Nat. Hist. Mamm. ii. 1848, p. 43.

THE SASSA or KHARGOSH. *Lepus kurgosa*.

*a.* Skull. Punjaub. Presented by Professor Oldham.

AUDUBON'S HARE. *Lepus audubonii*.

*Baird*, Mamm. N. America, p. 608. pl. 57. fig. 2 (skull), 1859.

THE MARSH RABBIT. *Lepus palustris*.

*Baird*, Mamm. N. America, p. 615. pl. 59. fig. 2 (skull), 1859.

THE WORMWOOD HARE. *Lepus artemisiæ*.

*Baird*, Mamm. N. America, p. 602. pl. 85. fig. 2 (skull).

\**a.* Skull. California.

BENNETT'S HARE. *Lepus bennettii*.

\**a.* Skull. California. Presented by Captain Sir E. Belcher.

THE CALIFORNIAN HARE. *Lepus californicus*.

*Baird*, Mamm. N. America, p. 594. pl. 57. fig. 2 (skull), 1859.

THE JACKASS RABBIT or TEXAS HARE. *Lepus callotis*.

*Baird*, Mamm. N. America, p. 590. pl. 57. fig. 1, and pl. 85. fig. 1 (skull), 1859.

*Lepus sylvaticus*.

*Baird*, Mamm. N. America, p. 597. pl. 58. fig. 1 (skull), 1859.

*a.* Skull. From the Zoological Society's Collection.

The WATER RABBIT. **Lepus aquaticus.**

*Baird*, Mamm. N. America, p. 612. pl. 59. fig. 1 (skull), 1859.

*a.* Skull. N. America. From the Zoological Society's Collection.

The WAMPOOR or AMERICAN HARE. **Lepus americanus.**

Cervical vertebrae . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	12

*a, b.* Skulls (imperfect). Hudson's Bay. Presented by the Hudson's Bay Company.

*c.* Skull. California. From Mr. Brandt's Collection.

The TAPETI. **Lepus brasiliensis.**

\**a.* Skull. Para, South America. Presented by R. Graham, Esq.

\**b.* Skull. Bolivia. From Mr. Bridges' Collection.

**Lepus (Carpolagus) hispidus.**

\**a, b.* Skulls. Nepal. Presented by B. H. Hodgson, Esq.

**Lepus isabellinus.**

\**a.* Skull. Sennaar.

The EGYPTIAN HARE. **Lepus ægyptius.**

*a.* Skull. Egypt.

## LAGOMYS.

Teeth:—Incisors  $\frac{2-2}{1-1}$ ; Molars  $\frac{5-5}{5-5}$ ; = 26.

The OGOTONA. **Lagomys ogotona.**

*Pallas*, Nov. Spec. Glir. p. 64. pl. 3. tab. 4A. fig. 16*a, b* (skull), 1778.  
—*F. Cuv.*, Dents des Mamm. p. 154. no. 51 (dentition), 1825.

\**a.* Skull. Russia. From Mr. Brandt's Collection.

The SADAJAC. **Lagomys alpinus.**

*Waterhouse*, Nat. Hist. Mamm. ii. pl. 2. fig. 2 (skull).—*Pallas*, Nov. Spec. Glir. p. 58. tab. 4A. fig. 13*a, b* (skull), 1778.—*Brandt*, Mém. Acad. St. Pétersb. vii. pl. 11. figs. 11-20 (skull and dentition).

\**a.* Skull. Siberia. From Mr. Brandt's Collection.

*b.* Skull. Siberia. From the Zoological Society's Collection.

The CALLING HARE. *Lagomys pusillus*.

*Lepus pusillus*, *Pallas*, Nov. Spec. Glir. p. 37. tab. 4A. fig. 4 (skull),  
fig. 5 (skeleton), 1778.

\**a*. Skull. Siberia. From Mr. Brandt's Collection.

The REDDISH SULGAN. *Lagomys rufescens*.

*a*, *b*. \*Skulls. India, Rocky Hills, Cabul. Presented by the Hon.  
East India Company.

The INDIAN SULGAN. *Lagomys nipalensis*.

*a*. Skull (in a bad state). } Nepal. Presented by B. H. Hodgson,  
*b*. Skull. } Esq.

## LAGIDIUM.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

CUVIER'S LAGOTIS. *Lagidium peruvianum*.

*Lagotis cuvieri*, *Bennett*, Trans. Zool. Soc. i. p. 35. pl. 4 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	24 (imperfect).

\**a*. Skull. Chili. From Mr. Bridges' Collection.

\**b*. Skull (imperfect). Chili. From Mr. Bridges' Collection.

*c*. Skeleton. From the Zoological Society's Collection.—The original  
specimen figured by Mr. Bennett.

The PALE-FOOTED CHINCHILLA. *Lagidium pallipes*.

\**a*. Skull.

## CHINCHILLA.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

The CHINCHILLA. *Chinchilla laniger*.

*Gray*, Spicil. Zool. iv. tab. 2.—*Waterhouse*, Nat. Hist. Mamm. ii.  
p. 236. pl. 10\*. fig. 1 *a* (first and second upper molars).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6

Sacral vertebræ . . . . .	3
Caudal . . . . .	26

- a.* Skull. Peru. Presented by W. Watson, Esq.  
*b.* Skull. Peru.  
*c.* Skeleton. Chili. From Mr. Bridges' Collection.  
*d, e.* Skeletons. Chili. Presented by H. Cuning, Esq.  
*f, g, h.* Skeletons. From the Zoological Society's Collection.

### LAGOSTOMUS.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

The VISCACHA. *Lagostomus trichodactylus*.

*Waterhouse*, Nat. Hist. Mamm. ii. p. 212. pl. 10\*. fig. 3 (skull).—  
*Brooks*, Linn. Trans. xvi. p. 95. tab. 9, cop.—*Iris*, 1830, p. 906,  
 taf. 9. fig. *b* (skeleton), figs. *c, d* (skull and lower jaw).

- \**a.* Skull. Chili. From Mr. Bridges' Collection.

### HELAMYS.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

The SPRING HAAS. *Helamys capensis*.

*Cuv.*, Oss. Foss. v. pl. 1. fig. 21 (teeth).—*F. Cuv.*, Dents des Mamm.  
 p. 152. no. 49 (teeth).  
*Pedetes caffer*, *Brandt*, Mém. Acad. St. Pétersb. vii. pl. 6. figs. 1, 8  
 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	29

- a.* Teeth. Cape of Good Hope.  
*b.* Skull: young. Cape of Good Hope. From the Zoological Society's  
 Collection.  
*c.* Skeleton. Cape of Good Hope. Presented by Sir A. Smith.

### DIPUS.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.

The ROUGH-FOOTED GERBOA. *Dipus hirtipes*.

*Waterhouse*, Charlesw. Mag. Nat. Hist. 1839, p. 9. figs. *a, b* (skull),  
 p. 186. figs. *a, b* (skull).—*Schreb.*, Säugth. iv. pl. 239 E. fig. (dentition).

- a.* Skull. Sennaar. From the Stockholm Collection.

The GERBOA. *Dipus ægyptius*.

*Duvernoy*, Mém. de la Soc. d'Hist. Nat. de Strasbourg, ii. pl. 3. figs. 1-5 (skeleton and skulls).—*Waterhouse*, Charlesworth's Mag. Nat. Hist. 1839, p. 9. figs. c, d (skull).

*Dipodes jerboæ*, *Fischer*, Prod. Cran. Comp. tab. 2. fig. 1 (skull), 1811.

*Dipus bipes*, *Pander u. D'Alton*, Vergl. Osteol. taf. 7 (skeleton).

a. Skull. Egypt.

b. Skull. From the Zoological Society's Collection.

*Dipus telum*.

\*a. Skull. Wolga. From Mr. Brandt's Collection.

*Dipus sagitta*.

*Schreb.*, Säugth. iv. p. 849.—*Owen*, Odont. pl. 105. fig. 7 (dentition).

*Mus sagittæ*, *Pallas*, Nov. Spec. Glir. p. 311. pl. 26. fig. xxv. 5 (skeleton), 1778.

## ALACTAGA.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.

The ALACTAGA. *Alactaga vexillaris*.

*Dipus jaculus*, *Brandt*, Mém. Acad. St. Pétersb. vii. taf. 11. figs. 1-7 (skull).

a, b. Skulls. Siberia.

The ACONTIUM. *Alactaga acontium*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	4
Caudal . . . . .	25 or 26

a. Skeleton. Siberia.

## GERBILLUS.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.

The MOUNTAIN GERBILLE. *Gerbillus montanus*.

a. Skull. Caffraria, S. Africa.

b. Skull. S. Africa. Presented by Sir A. Smith.

The SLENDER GERBILLE. *Gerbillus tenuis*.

a. Skull. S. Africa. Presented by Sir A. Smith.

The DUN RAT. *Gerbillus afer*.

Cervical vertebræ.....	7
Dorsal .....	17
Lumbar .....	7
Sacral .....	3
Caudal .....	27

*a.* Skeleton: male. Cape of Good Hope. From M. Verreaux's Collection.

*Gerbillus shawii*.

*Duvernoy*, Mém. de la Soc. d'Hist. Nat. de Strasbourg, ii. pl. 2. figs. 11-13 (skeleton and skulls).

The BLACK-TAILED GERBILLE. *Gerbillus melanurus*.

*Meriones libycus*, *Pander und D'Alton*, Vergl. Osteol. no. 6. pl. 11 c (skeleton), *d* (skull).

*a.* Skull. Abyssinia.

The INDIAN GERBILLE. *Gerbillus indicus*.

*Meriones indicus*, *Owen*, Odont. pl. 105. fig. 8 (dentition).

*Dipus indicus*, *F. Cuv.*, Dents des Mamm. p. 172. ? no. 62 (dentition).  
—*Waterhouse*, Charlesworth's Mag. Nat. Hist. 1839, p. 13. fig. *d* (skull).

*a, b, c.* Skulls. India. Presented by Walter Elliott, Esq.

*d.* Skull. Kashmir. Presented by Professor Oldham.

*Gerbillus campestris*.

*a.* Skull. Algiers. From M. Parzudaki's Collection.

The KAMIESBERG GERBILLE. *Gerbillus auricularis*.

*Gerbillus brevicaudatus*, *Waterhouse*, Charlesworth's Mag. Nat. Hist. 1839, p. 276. fig. 35 c (skull).

*a.* Skull. From the Zoological Society's Collection.

## PSAMMOMYS.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.

The TAMARISK RAT. *Psammomys tamariscus*.

\**a.* Skull. Songaria, Russia.

The FARR. *Psammomys obesus*.

*Rüppell*, Atlas, tab. 22, 23. *a-d* (skull and skeleton).—*Waterhouse*, Nat. Hist. Mamm. p. 13. *a, b* (skull); Charlesworth's Mag. Nat.

Hist. 1839, p. 276. fig. 35 *a, b* (skull).—*Schreb.*, Säugth. iv. pl. 239 d. fig. 14 (dentition).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	4
Caudal . . . . .	26

*a.* Skull. Egypt.

*b.* Skeleton: female. From Dr. A. Günther's Collection.

*c.* Skeleton: male. From the Zoological Society's Collection.

### PLATYCANTHOMYS.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.

The SPINY DORMOUSE. *Platycanthomys lasiurus.*

\**a.* Skull. Malabar Coast. Presented by Dr. P. L. Selater, being the original type.

### MYOXUS.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

The LOIR. *Myoxus glis.*

*Pander und D'Alton*, Vergl. Osteol. pl. 1 (skull).—*Blasius*, Faun. Wirb. Deutschl. p. 287. figs. 161, 162 (skull), 1857.—*F. Cuv.*, Dents des Mamm. p. 255. no. 57 (dentition), 1825.—*Blainv.*, Ostéog. G. Sciurus, pl. 2 (skeleton and skull).—*Brandt*, Mém. Acad. de St. Pétersb. vii. pl. 1. figs. 8-12 (skulls).

*a, b.* \*Skulls. Franco.

*c.* Skull. S. Germany. From Dr. A. Günther's Collection.

*Myoxus elegans.*

*Temm.*, Fauna Japonica, pl. 16. figs. 5, 6 (skull).

The LÉROT. *Myoxus quercinus.*

*Myoxus nitela*, *Blainv.*, Ostéog. G. Sciurus, pl. 2. (skeleton & skull).  
*Lérot*, *Buff.*, Hist. Nat. viii. p. 192. pl. 25 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	5
Sacral . . . . .	3
Caudal . . . . .	28

*a, b.* Skulls of male and female.

*c.* Skeleton. From Dr. A. Günther's Collection.

**Myoxus murinus.**

*Peters*, Naturw. Reise nach Mossambique, Säugth. i. p. 136. pl. 35.  
fig. 1 (skull).

\**a.* Skull. Port Natal.

**GRAPHIURUS.**

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

The CAPE GRAPHIURUS. **Graphiurus capensis.**

*Waterhouse*, Charlesworth's Mag. Nat. Hist. 1839, p. 185. figs. *a, b, c, d*  
(skull).—*Blainv.*, Ostéog. G. Seiurus, pl. 2 (skull).

**MUSCARDINUS.**

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

The DORMOUSE. **Muscardinus avellanarius.**

*Myoxus avellanus*, *Cuv.*, Oss. Foss. v. pl. — *Owen*, Odont. pl. 105. fig. 6  
(teeth).

*Myoxus avellanarius*, *Waterhouse*, Mag. Nat. Hist. 1839, p. 8. figs. *a,*  
*b, c, d* (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	2
Caudal . . . . .	24

*a, b.* Skulls.

*c.* Skeleton. England. Purchased of Mr. Daniels.

*d.* Skull. England.

*e.* Skeleton. England. Purchased of Mr. Warwick.

*f.* Skull. From Mr. Yarrell's Collection.

*g.* Skull. Presented by Sir A. Smith.

**ANOMALURUS.**

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

The SPINY-TAILED SQUIRREL. **Anomalurus derbianus.**

*a.* Skull. Fernando Po. Presented by T. Thomson, Esq., R.N.

*b, c.* Skulls. Fernando Po. Purchased of Mr. Fraser.



**Anomalurus pelii.***Blainv.*, Ostéog. G. Sciurus, pl. 1 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	15
Lumbar . . . . .	10
Sacral . . . . .	4
Caudal . . . . .	30

\*a. Skull. }  
 b. Skeleton. } Coast of Guinea. From Mr. Frank's Collection.

**Anomalurus beecroftii.**

\*a. Skull. Fernando Po. Purchased of Mr. Fraser.

**PTEROMYS.**Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{5-5}{4-4}$ ; = 22.The JAPAN FLYING SQUIRREL. **Pteromys leucogenys.***Temm.*, Faun. Japon. pl. 13. figs. 3 & 4 (skull).

\*a. Skull. Japan.

The TAGUAN. **Pteromys petaurista.***F. Cuv.*, Dents des Mamm. p. 163. no. 57 (dentition).—*Blainv.*, Ostéog. G. Sciurus, pl. 2 (skeleton).*Pteromys taguan*, *F. Cuv.*, Mém. du Mus. Hist. Nat. x. p. 126. pl. 10. fig. 6 a, b (skull).

a. Skull. From the Zoological Society's Collection.

**Pteromys momoga.***Temm.*, Faun. Japon. pl. 14. figs. 3 & 4 (skull).**Pteromys melanotis.**

\*a. Skull. Singapore. Presented by H. Low, Esq.

The KOVIAL or ORANGE-SHOULDERED TAGUAN. **Pteromys magnificus.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	31

a-c. Skulls: adult. Presented by B. H. Hodgson, Esq.  
 d. Skull.

- e. Skeleton. India. Purchased of Mr. Warwick.  
 f. Skull. From the Zoological Society's Collection.  
 g. Skeleton (imperfect). } Nepal. Presented by B. H. Hodgson, Esq.  
 h. Bones of the body. }

The GOLDEN-STREAKED TAGUAN. **Pteromys nobilis.**

- a, b. \*Skulls: adult. Nepal. Presented by B. H. Hodgson, Esq.

The GREY-HEADED FLYING SQUIRREL. **Pteromys caniceps.**

- \*a. Skull. Nepal. Presented by B. H. Hodgson, Esq.

**Pteromys nitidus.**

*Schreb.*, Säugth. iv. pl. 239 f. fig. (dentition).—*Brandt*, Mém. Acad. St. Pétersb. vii. tab. I. figs. 1-7 (skulls).

- a. Skull. From Mr. Cuming's Collection.  
 b, c. Skulls. Sumatra. From Sir Stamford Raffles's Collection.  
 d. Skull. From the Zoological Society's Collection.

**Pteromys punctatus.**

*Gray*, Ann. & Mag. Nat. Hist. i. p. 211, 1846.

- \*a. Skull. Malacca. Presented by Andrew Charlton, Esq.

**Pteromys elegans.**

*Müller*, S. Verh. Nat. Gesch. tab. 16. figs. 2, 3 (skull).

**SCIUROPTERUS.**

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{5-5}{4-4}$ ; = 22.

TURNBULL'S FLYING SQUIRREL. **Sciuropterus albo-niger.**

- a, b. Skulls. India. Presented by B. H. Hodgson, Esq.  
 c. Skull.

**Sciuropterus layardii.**

- a. Skull. Ceylon. Presented by Dr. Kelaart.

The ASSAPAN. **Sciuropterus volucella.**

*Blainv.*, Ostéog. G. Sciurus, pl. 2 (skull).

- \*a. Skull. N. America.  
 b. Skeleton. N. America. Purchased of Mr. Warwick.

The POLATOUCHE. *Sciuropterus volans*.

*Pteromys volans*, *Pander und D'Alton*, Vergl. Osteol. no. 6. pl. 8 (skull).—*Blasius*, Faun. Wirb. Deutschl. p. 268. fig. 152 (skull), 1857.

*Sciurus volans*, *F. Cuv.*, Mém. du Mus. Hist. Nat. x. p. 126. pl. 10. fig. 5 *a, b* (skull).

Polatouche, *Buff.*, Hist. Nat. x. p. 114. pl. 21 (skull).

- \**a.* Skull. Siberia.  
 \**b.* Skull. Altai Mountains, Russia.  
 \**c.* Skull.

## SCIURUS.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$  or  $\frac{5-5}{4-4}$ ; = 20 or 22.

The JELLERANG or JAVAN SQUIRREL. *Sciurus javensis*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	31 or 32

- a.* Skeleton. Java. From Mr. Warwick's Collection.—*S. bicolor*.  
 \**b, c.* Skulls.

The RASOO or RATUFA. *Sciurus purpureus*.

*Sciurus maximus*, *Blainv.*, Ostéog. G. *Sciurus*, pl. 1 (skull).

- a.* Skull. India. From Mr. Stevens's sale.  
*b.* Skull. From the Zoological Society's Collection.  
*c-e.* Skulls.

The LONG-TAILED SQUIRREL. *Sciurus ehippium*.

*Müller*, S. Verh. Nat. Gesch. tab. 13. figs. 2, 3 (skull).

*Sciurus aureiventer*, *Is. Geoff.*, Mag. de Zool. 1839, pl. 34. figs. 1-3 (skull).

- \**a, b, c.* Skulls. Borneo.

The SQUIRREL. *Sciurus europæus*.

*Sciurus vulgaris*, *Linn.*, S. N. xii. p. 96. no. 1.—*Fischer*, Prod. Cran. Comp. tab. 11. fig. 5 (skull), 1811.—*Pander und D'Alton*, Vergl. Osteol. pl. 4 (skull), 1821-31.—*Waterhouse*, Mag. Nat. Hist. 1839, fig. 5 *a, b, c, d, e* (skull).—*Owen*, Odont. pl. 105. fig. 1 (dentition), 1840-45.—*Blasius*, Faun. Wirb. Deutschl. p. 27. fig. 153 (skull), 1857.—*Blainv.*, Ostéog. G. *Sciurus*, pl. 2 (skull, skull, &c.).

Écureuil, *Buff.*, Hist. Nat. vii. p. 253. pl. 35 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12

Lumbar vertebræ.....	7
Sacral .....	3
Caudal .....	23

\**a.* Skull. Siberia.—Var. *S. altaicus*.

*b, c.* Skulls. England. Presented by Mr. E. Gerrard.

*d.* Skull (variety). Pyrenees.

*e, f.* Skeletons. England.

*g.* Skull. From Mr. Yarrell's Collection.

*h, i.* Skulls: male.

*j, k.* Skulls: female. } S. Germany. From Dr. A. Günther's Col-  
*l.* Skull: young. } lection.

*m.* Skeleton.

DR. STANGER'S SQUIRREL. **Sciurus stangerii.**

\**a.* Skull. Fernando Po. Presented by T. Thompson, Esq.

*b.* Skull.

*c.* Skull: young. } Fernando Po. From Mr. Fraser's Collection.

THE MASKED SQUIRREL. **Sciurus capistratus.**

*a, b.* Skulls. From the Zoological Society's Collection.

**Sciurus variegatoides.**

\**a.* Skull. Guatemala.

THE GREY-TAILED SQUIRREL. **Sciurus griseocaudatus.**

*Gray*, in *Voy. of H.M.S. Sulphur*, pl. 18. figs. 7-12 (skull).

\**a.* Skull. America. Presented by Captain Sir E. Belcher, R.N.

THE VULPINE SQUIRREL. **Sciurus ludovicianus.**

\**a.* Skull. Louisiana. From the Zoological Society's Collection.—  
 From the original specimen, described as the *Sciurus subauratus*,  
*Bachman*, *Proc. Zool. Soc.* vi. p. 87, 1838.

THE TEXIAN SQUIRREL. **Sciurus texianus.**

\**a.* Skull. Missouri, N. America.

THE WOOLLY SQUIRREL. **Sciurus lanigerus.**

\**a.* Skull. From Mr. Bartlett's Collection.

**Sciurus aureogaster.**

*Is. Geoff.*, *Voy. de la Vénus*, pl. 11. figs. 2-4 (skull), 1846.

\**a.* Skull.

The SOUTHERN FOX SQUIRREL. *Sciurus vulpinus*.\**a*. Skull (from a dark variety). N. America.The RED-BELLIED SQUIRREL. *Sciurus ferrugineiventris*.\**a*. Skull. Mexico. From M. Parzudaki's Collection.\**b*. Skull. Venezuela. From Mr. Cunning's Collection.The HONDURAS SQUIRREL. *Sciurus boothiæ*.\**a*, \**b*. Skulls. Honduras.COLLIE'S SQUIRREL. *Sciurus colliaei*.\**a*, \**b*. Skulls. Mexico.*Sciurus* — ?\**a*. Skull. N. America.The GREY SQUIRREL. *Sciurus cinereus*.*Baird*, Mamm. N. America, p. 249. pl. 47. fig. 2 (skull), 1859.*a*, *b*. ? Skulls. From the Zoological Society's Collection.GAPPER'S SQUIRREL. *Sciurus leucotis*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	20 or 21

*a*. Skeleton. N. America. Purchased of Mr. Warwick.*b*. Skull. From the Zoological Society's Collection.*c*. Skull. N. America. From Dr. A. Günther's Collection.*d*. Skull (black variety).*e*, *f*. Skulls (black variety). From the Zoological Society's Collection.The CAROLINA SQUIRREL. *Sciurus carolinensis*.*Baird*, Mamm. N. America, p. 35. pl. 45. fig. 2 (skull), 1859.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	25 or 26

\**a*. Skull. Wellington, Delaware, N. America. Presented by Henry Doubleday, Esq.

\**b.* Skull. Missouri, N. America.

*c.* Skeleton. N. America. From Mr. Brandt's Collection.—*S. niger*.

LANGSDORFF'S SQUIRREL. **Sciurus langsdorffii.**

*Brandt*, Mém. Acad. St. Pétersb. 1835, p. 425. tab. 11. figs. 1, 2 (skull).

*a, b.* Skulls: ♂, ♀. Rio Negro.

\**c.* Skull. Bolivia. } From Mr. Bridges' Collection.  
*d, e.* Skulls. Chili? }

GERRARD'S SQUIRREL. **Sciurus gerrardii.**

\**a.* Skull. New Granada.

**Sciurus dorsalis.**

\**a, b.* Skulls. Caraccas. From M. Sallé's Collection.

**Sciurus bivittatus.**

*a-c.* Skulls. From the Zoological Society's Collection.

THE CHICKAREE SQUIRREL. **Sciurus hudsonius.**

*Baird*, Mamm. N. America, p. 269. pl. 46. fig. 1 *a-e* (skull).—*Blainv.*,  
Ostéog. G. Sciurus, pl. 2 (skull).

\**a.* Skull. N. America. } From the Zoological Society's Collection.  
*b, c.* Skulls. }

THE CHESTNUT-BELLIED SQUIRREL. **Sciurus castaneiventris.**

\**a, b.* Skulls: adult and young. China. From Mr. Cuming's Collection.

**Sciurus leschenaultii.**

*a.* Skull. From the Zoological Society's Collection.

**Sciurus lis.**

*Temm.*, Faun. Japon. pl. 12. figs. 2, 3 (skull).

**Sciurus cepai.**

*Peters*, Naturw. Reise nach Mossambique, Säugth. i. p. 136. pl. 33.  
fig. 4 (skull).

*a.* Skull. S. Africa. Presented by Sir A. Smith.

**Sciurus palliatus.**

*Peters*, Naturw. Reise nach Mossambique, Säugth. i. p. 134. pl. 33.  
fig. 3 (skull).

**Sciurus mutabilis.**

*Peters*, Naturw. Reise nach Mossambique, Säugth. i. p. 131. pl. 32.  
fig. 2 (skull).

**Sciurus flavivittus.**

*Peters*, Naturw. Reise nach Mossambique, Säugth. i. p. 128. pl. 32.  
fig. 1 (skull).

**Sciurus hippurus.**

\**a.* Skull.

THE RUDDY SQUIRREL. **Sciurus erythræus.**

\**a.*, \**b.* Skulls. India. Presented by the Earl of Derby.

**Sciurus syriacus.**

\**a.* Skull. Brussa.

**Sciurus leucomus.**

\**a.* Skull. Celebes. From Mr. Frank's Collection.

**Sciurus trivirgatus.**

\**a.* Skull. Purchased of Mr. Frank.

KUHL'S SQUIRREL. **Sciurus pusillus?**

\**a.* Skull. Cayenne.

\**b.* Skull. New Guinea.

*c.* Skull.

**Sciurus insignis.**

*F. Cuv.*, Mag. de Zool. 1842, pl. 32. figs. 5-8 (skull and dentition).

THE RED-ARMED SQUIRREL. **Sciurus rufobrachium.**

\**a.*, \**b.* Skulls. Fernando Po. Presented by T. Thompson, Esq.

THE RED-FORKED SQUIRREL. **Sciurus poensis.**

\**a.* Skull. Fernando Po. Presented by T. Thompson, Esq.

*b.* Skull. Fernando Po. Presented by the Earl of Derby.

**Sciurus erythrocpus.**

*Blainv.*, Ostéog. G. Sciurus, pl. 2 (skull).

*a.* Skull. From the Zoological Society's Collection.

**Sciurus pyrrhopus.**

\**a.* Skull. W. Africa. Presented by the Earl of Derby.

The CEPATE. **Sciurus multicolor.**

\**a.* Skull. S. Africa. From the Stockholm Museum.

*b.* Skull.

The GAMBIAN SQUIRREL. **Sciurus annulatus.**

*a, b.* Skulls.

The BAYING. **Sciurus platani.**

\**a.* Skull. Java.

The BRAZILIAN SQUIRREL. **Sciurus æstuans.**

*Blainv.*, Ostéog. G. Sciurus, pl. 2 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	23

\**a.* Skull.

*b.* Skeleton. Brazils.

The OREGON RED SQUIRREL. **Sciurus douglasii.**

*Baird*, Mamm. N. America, p. 275. pl. 45. fig. 3 (skull).

The BLACK-EARED SQUIRREL. **Sciurus melanotus.**

*Müller*, Verh. Nat. Gesch. tab. 14. figs. 6, 7 (skull).

\**a.* Skull. New Guinea. From Mr. Frank's Collection.

**Sciurus modestus.**

*Müller*, Verh. Nat. Gesch. tab. 14. figs. 2, 3 (skull).

\**a.* Skull. Sumatra. From Mr. Frank's Collection.

**Sciurus exilis.**

*Müller*, Verh. Nat. Gesch. tab. 15. figs. 5, 6 (skull).

**Sciurus laticaudatus.**

*Müller*, Verh. Nat. Gesch. tab. 15. figs. 2, 3 (skull).



**Sciurus getulus.**

*a, b.* Skulls. From the Zoological Society's Collection.

RAFFLES'S SQUIRREL. **Sciurus rafflesii.**

*Delessert*, Voy. dans l'Inde, 1834-1839, pl. 5 (skull).—*Is. Geoff.*, Mag. de Zool. 1842, pl. 33. figs. 1-4 (skull).

- a.* Skull. India.  
*b.* Skull: young. India.  
*c.* Skull. From the Zoological Society's Collection.

THE TUPAI. **Sciurus vittatus.**

*a.* Skull. India?

**Sciurus neboxii.**

*Is. Geoff.*, Voy. de la Vénus, pl. 12 *a-d* (skull), 1846.

**Sciurus affinis.**

*Raffles*, Trans. Linn. Soc. xiii. p. 259.

\**a.* Skull. Sumatra. From Mr. Frank's Collection.

THE PALM SQUIRREL. **Sciurus palmarum.**

*F. Cuv.*, Mém. du Mus. x. p. 128. pl. 10. fig. 2 *a, b* (skull).

- a.* Skull. India. Presented by Walter Elliott, Esq.  
*b, c.* Skeletons. } From the Zoological Society's Collection.  
*d, e.* Skulls. }

THE KHURREE. **Sciurus penicillatus.**

- \**a.* Skull. India.  
*b, c.* Skulls. From the Zoological Society's Collection.—*S. tristriatus.*

**Sciurus barbei.**

*a.* Skull. Ceylon. From Mr. Cuming's Collection.

THE WHITE-EARED SQUIRREL. **Sciurus maclellandii.**

\**a.* Skull. Bhotan.

DELESSERT'S SQUIRREL. **Sciurus sublineatus.**

*Sciurus delessertii*, *Gervais*, in *Delessert's Voy. dans l'Inde*, pl. 4. figs. 1-4 (skull), 1834-39.—*Is. Geoff.*, Mag. de Zool. 1842, p. 6. pl. 31. figs. 1-4 (skull and dentition).

**XERUS.**

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$  or  $\frac{5-5}{4-4}$ ; = 20 or 22.

The AGIUMP. **Xerus setosus.**

\**a.* Skull. W. Africa.

*b.* Skull.

*c.* Skull. W. Africa. From the Zoological Society's Collection.

**Xerus erythropus.**

*a.* Skull. From the Zoological Society's Collection.

**TAMIAS.**

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

The HACKEE. **Tamias lysteri.**

*a, b.* Skulls. N. America.

*c.* Skeleton. } From the Zoological Society's Collection.

*d.* Skull. }

The SWISS. **Tamias striatus.**

*Gray*, Cat. Mamm. Brit. Mus. p. 145, 1843.—*Baird*, Mamm. N. America, p. 292. pl. 46. fig. 2 (skull), 1859.

*Sciurus striatus*, *F. Cuv.*, Mém. du Mus. x. p. 120. pl. 10. fig. 1 *a, b* (skull).

\**a.* Skull. Altai Mountains. From Mr. Brandt's Collection.

*b.* Skull. Russia.

TOWNSEND'S STRIPED SQUIRREL. **Tamias townsendii.**

*Bach*, Journ. Acad. Nat. Sci. Philad. viii. 1, 1839, p. 68.—*Baird*, Mamm. N. America, p. 300. pl. 45. fig. 4 (skull), 1859.

**SPERMOPHILUS.**

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{5-5}{4-4}$ ; = 22.

The RED-CHEEKED SOUSLIK. **Spermophilus erythrogenys.**

\**a.* Skull. Siberia.

**Spermophilus mugosaricus.**

\**a.* Skull. Altai Mountains.

*b.* Skull. Russia.

SAY'S MARMOT. **Spermophilus lateralis.**

*Baird*, Mamm. N. America, p. 312. pl. 45. fig. 5 (skull), 1859.

The COLUMBIAN GROUND SQUIRREL. **Spermophilus douglasii.**

*Baird*, Mamm. N. America, p. 309. pl. 45. fig. 1 (skull), 1859.

HARRIS'S SQUIRREL. **Spermophilus harrisii.**

*Baird*, Mamm. N. America, p. 313. pl. 47. fig. 3 (skull), 1859.

The SOUSLIK. **Spermophilus concolor.**

*Cuv.*, Oss. Foss. v. p. 29. pl. 1, fig. 25 (teeth).—*Owen*, Odont. pl. 105. fig. 3 (*a*, young—*b*, old molars).—*Blasius*, Faun. Wirb. Deutschl. p. 275. fig. 155 (skull), 1857.

*Mus citillus*, *F. Cuv.*, Dents des Mamm. p. 160. no. 55 (dentition), 1825.—*Pallas*, Nov. Spec. Glires, tab. 26. fig. 9 *a, b* (ossium penis), tab. 27. fig. ix. 11\* (skull), 1778.

*Arctomys citillus*, *Blainv.*, Ostéog. G. *Arctomys*, pl. (skull).

*Arctomys citillus*, *F. Cuv.*, Mém. du Mus. ix. p. 293. pl. 15. figs. 1, 2 (skull).

*a, b.* \*Skulls. Moldavia.

**Spermophilus eversmanni.**

*a, b.* \*Skulls. Altai Mountains.

The SEEK-SEEK. **Spermophilus parryii.**

\**a.* Skull. N. America. Presented by J. Rae, Esq.

\**b.* Skull. N. America. Presented by Sir G. Back.

*c, d.* Skeletons (imperfect). N. America. Presented by J. Rae, Esq.

FRANKLIN'S MARMOT. **Spermophilus franklinii.**

\**a.* Skull.

## CYNOMYS.

The MISSOURI PRAIRIE DOG. **Cynomys ludovicianus.**

*Baird*, Mamm. N. America, p. 331. pl. 47. fig. 2 (skull), 1859.

The SHORT-TAILED PRAIRIE DOG. **Cynomys gunnisonii.**

*Baird*, Mamm. N. America, p. 335. pl. 47. fig. 4 (skull).

## ARCTOMYS.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{5-5}{4-4}$ ; = 22.

The QUEBEC MARMOT or WEENUSK. **Arctomys empetra.**

*Arctomys monax*, *Gmel.*, Syst. Nat. i. p. 142, 1788.—*Baird*, Mamm. N. America, p. 339. pl. 49. fig. 1 (skull), 1859.

Cervical vertebræ . . . . . 7  
Dorsal . . . . . 12

Lumbar vertebræ . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	19

\*a. Skull. Missouri, N. America.

b. Skull. Presented by — Simcon, Esq.

c. Skull. Presented by Mr. Edward Gerrard.

d. Skeleton. From the Zoological Society's Collection.

The YELLOW-FOOTED MARMOT. *Arctomys flaviventris*.

*Baird*, Mamm. N. America, p. 343. pl. 47. fig. 1 (skull), 1859.

The WHISTLER. *Arctomys pruinosus*.

a. Skull (imperfect). Hudson's Bay. Presented by the Hudson's Bay Company.

b. Skull. From the Zoological Society's Collection.

The SHUPI or CHUPI. *Arctomys bobac*.

*Blasius*, Faun. Wirb. Deutschl. pp. 278, 283. figs. 157, 159 (skull), 1857.

a. An imperfect skull of adult.

b. Skull without lower jaw.

c. The bones of the trunk and skull.

d, e. \*Skulls: adult. Russia.

\*f. Skull: young. Russia.

} Thibet. Presented by B. H. Hodgson, Esq.

The THIBET MARMOT. *Arctomys tibetanus*.

\*a. Skull. Thibet. Presented by B. H. Hodgson, Esq.

The MARMOT. *Arctomys marmotta*.

*D'Alton*, Vergl. Osteol. pl. 6 (skeleton), pl. 7 (skull).—*Blainv.*, Ostéog. G. *Arctomys*, pl. (skull).

*Arctomys marmotta*, *F. Cur.*, Mém. du Mus. ix. p. 293. pl. 14 (skull).

*Arctomys alpinus*, *F. Cur.*, Dents des Mamm. p. 160. no. 54 (dentition), 1825.—*Cur.*, Oss. Foss. v. pl. 1. fig. 2 (teeth).—*Owen*, Odont. pl. 105 (teeth).

*Arctomys marmota*, *Schreb.*, Säugth. iii. p. 722. no. 1.—*Blasius*, Faun. Wirb. Deutschl. p. 278. figs. 156, 158 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	3
Caudal . . . . .	18 or 19

a. Skeleton. Alps. From Mr. Brandt's Collection.

b. Skull. From the Zoological Society's Collection.

c. Skull. Switzerland. From Dr. A. Günther's Collection.

## SIPHENUS.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.The ZOKER. *Siphenus aspalax*.*Mus aspalax*, *Pallas*, Nov. Spec. Glires, p. 76. tab. 27. fig. ix. 16 (fore-foot), 1778.—*Schreb.*, Säugth. pl. 239 E (dentition).

a-c. \*Skulls. Altai Mountains. From Mr. Brandt's Collection.

## SPALAX.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.The SLEPEZ. *Spalax typhlus*.*Blasius*, Faun. Wirb. Deutschl. p. 399. fig. 223 (skull), 1857.—*F. Cuv.*, Dents des Mamm. p. 176. no. 66 (dentition), 1825.—*Pallas*, Nov. Spec. Glires, p. 163. pl. 26. fig. xvii. 14 (skeleton), fig. xvii. 15 (skull), 1778.—*Schreb.*, Säugth. pl. 239 E. fig. (dentition).—*Fischer*, Prodr. Cran. Comp. tab. 2. fig. 6 (skull), 1811.—*Waterhouse*, Charlesworth's Mag. Nat. Hist. 1839, p. 596. fig. 72.—*Brandt*, Mém. Acad. St. Pétersb. vii. pl. 4. fig. (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	7

a. Skeleton. Europe. From Mr. Brandt's Collection.

## BATHYERGUS.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.The COAST RAT or SAND MOLE. *Bathyergus maritimus*.*Pander und D'Alton*, Vergl. Osteol. no. 6. pl. 11 (skeleton).—*Cuv.*, Oss. Foss. v. pl. 1. fig. 16 (teeth).—*Owen*, Odont. pl. 105. fig. 11 (teeth), 1840-45.—*F. Cuv.*, Dents des Mamm. p. 174. no. 64 (dentition), 1825.—*Schreb.*, Säugth. pl. 239 E. fig. (dentition).*Orycterus maritimus*, *Waterhouse*, Ann. & Mag. Nat. Hist. viii. p. 84. pl. 11. fig. 1 (skull), 1842.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	14

a, b. Skulls. S. Africa.

c. Skull (upper jaw). S. Africa.

- d.* Lower jaw only. } From the Zoological Society's Collection.  
*e, f.* Skulls. }  
*g.* Skull (very large). India? Presented by T. E. J. Boileau, Esq.  
*h.* Skeleton. Cape of Good Hope.  
*\*i.* Skull: young. Cape of Good Hope. Collected during the voyage  
of H.M.S. Rattlesnake.

### GEORYCHUS.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

The SILKY GROUND RAT. *Georychus holosericeus*.

*\*a.* Skull. S. Africa.

*Georychus damarensis*.

*\*a.* Teeth.

The BLIND SAND MOLE. *Georychus cæcutiens*.

*Bathyergus cæcutiens*, *Peters*, Naturw. Reise nach Mossambique, Säugth. i. pl. 35. fig. 3 (skull).

*\*a.* Skull. Port Natal. From Mr. Warwiek's Collection.

*Georychus capensis*.

*Brandt*, Mém. Acad. St. Pétersb. vii. pl. 5a. figs. 13-19 (skull).

*Bathyergus capensis*, *Waterhouse*, Ann. & Mag. Nat. Hist. viii. p. 84. pl. 2. fig. 2 (skull), 1842.

*a.* Skull. From the Zoological Society's Collection.

*b.* Skull: young. From Mr. Stevens's sale.

### HELIOPHOBIUS.

*Heliophobius argenteo-cinereus*.

*Peters*, Naturw. Reise nach Mossambique, Säugth. i. p. 140. pl. 32. fig. 5 (brain), pl. 35. fig. 2 (skull).

### GEOMYS.

Teeth :—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{4-4}$ ; = 20.

The COLUMBIAN SAND RAT. *Geomys douglasii*.

*Richards.*, Faun. Bor.-Amer. p. 200. pl. 18c. figs. 1-6 (skull), 1829.

The PECOS GOPHER. *Geomys clarkii*.

*Baird*, Mamm. N. America, p. 383. pl. 50. fig. 1 (skull), pl. 83. fig. 1 (skull), 1859.

The POUCHED GOPHER. *Geomys bursarius*.

*Baird*, Mamm. N. America, p. 372. pl. 50. fig. 2 (skull), 1859.  
*Ascomys canadensis*, *Schreb.*, Säugth. iii. p. 383, 1843; *Abh. K. Baier.*  
*Acad. München*, xxii. p. 327 (skeleton), 1846.

The SHORT-HEADED GOPHER. *Geomys breviceps*.

*Baird*, Mamm. N. America, p. 37. pl. 52. fig. 2 (skull), 1859.

## THOMOMYS.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.

The CALIFORNIAN GOPHER. *Thomomys bulbivorus*.

*Baird*, Mamm. N. America, p. 389. pl. 50. fig. 3 (skull), pl. 52. fig. 1 (skull).—*Brandt*, *Mém. Acad. St. Pétersb.* vii. pl. 5a. figs. 1-9 (skull and dentition).

\*a. Skull. California.

The SONORA GOPHER. *Thomomys umbrinus*.

*Baird*, Mamm. N. America, p. 399. pl. 83. fig. 5 (skull), 1859.  
*Geomys umbrinus*, *Richardson*, *Charlesworth's Mag. Nat. Hist.* 1839,  
 p. 596. fig. 71 (skull).

## SACCOPHORUS.

Teeth:—Incisors  $\frac{1-1}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 16.

The TUGAN. *Saccophorus mexicanus*.

*Ascomys mexicanus*, *Schreb.*, Säugth. pl. 239 B (dentition).—*Brandt*,  
*Mém. Acad. St. Pétersb.* vii. pl. 5a. figs. 10-12 (dentition).

a. Skull. Mexico.

The QUACHIL. *Saccophorus quachil*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	5
Caudal . . . . .	16

a. Skeleton. Mexico. From M. Sallé's Collection.

## CHRYSOMYS.

The GOLDEN MOLE RAT. *Chrysomys splendens*.

*Bathyergus splendens*, *Rüppell*, *Faun. Abyss.* taf. 12 (skull), 1835-40.  
 —*Waterhouse*, *Mag. Nat. Hist.* viii. p. 84. pl. 2. fig. 3 (skull), 1842.

## APLODONTIA.

Teeth :—Incisors  $\frac{1-1}{1-1}$  ; Molars  $\frac{5-5}{4-4}$  ; = 22.

The SEWELLEL. *Aplodontia leporina*.

*Richardson*, Faun. Bor.-Amer. p. 211. pl. 18 c. figs. 7-14 (skull), 1829.  
—*Baird*, Mamm. N. America, p. 353. pl. 49. fig. 2 (skull), 1859.

\*a. Skull. Chilakiveyak River, British Columbia. Presented by Lord J. Russell.

## RHIZOMYS.

Teeth :—Incisors  $\frac{1-1}{1-1}$  ; Molars  $\frac{3-3}{3-3}$  ; = 16.

The MALACCA PIG RAT. *Rhizomys sumatrensis*.

\*a. Skull. Deccan.

\*b. Skull: young. Deccan.

\*c. Skull. Malacca. Presented by Andrew Charlton, Esq.

d. Skull. Mergui. Presented by Professor Oldham.

The CHINESE BAMBOO RAT. *Rhizomys sinensis*.

\*a. Skull. Malacca. From the Zoological Society's Collection.

The BAY BAMBOO RAT. *Rhizomys badius*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	16

\*a. Skull. Darjeeling. Presented by Andrew Charlton, Esq.

b. India.

c. Skeleton. Pachebore. From M. Mouhot's Collection.

The ABYSSINIAN BAMBOO RAT. *Rhizomys macrocephalus*.

*Rüppell*, Mus. Senckenberg, iii. taf. 10. figs. a, b, c (skull).

a. Part of the upper jaw. Schoa, Abyssinia.



## Order V. UNGULATA.

## Fam. 1. BOVIDÆ.

## BOS.

Teeth :—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The Ox. *Bos taurus*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 17. tab. 1. fig. 1 (skull, male).

—*Pander und D'Alton*, Vergl. Osteol. pl. 7 (skeleton).—*Blasius*,

Faun. Wirb. Deutschl. p. 497. fig. 271 (skull), 1857.

Bœuf sans cornes, *Cuv.*, Oss. Foss. iv. tab. 9. figs. 3, 4 (skull).

Bœuf de la Romagne à grandes cornes, *Cuv.*, Oss. Foss. iv. p. 109. tab. 9. figs. 7, 8 (skull).

Petit Bœuf d'Ecosse à cornes descendantes, *Cuv.*, Oss. Foss. iv. p. 109. tab. 9. figs. 9, 10 (skull).

Boves, *Spix*, Cephalog. tab. 8. fig. 1 (skull, adult), fig. 2 (young).

Taureau, *Buff.*, Hist. Nat. iv. p. 530. pl. 23 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	16

- a. Horns (very thick and light). Central Africa. Presented by Captain Clapperton, R.N., and Major Denham.—Figured as the "Bornou Hunched Ox," *H. Smith*, in Griffith, A. K. Mamm. tab. 201. fig. 4.
- b. Two separate horns (very large; used as powder-flasks). S. Africa.
- c. Horns (very large).
- d. Head and horns of larger Zebu. Presented by Jacob Bell, Esq.
- e. Skull (lower jaw wanting): young.
- f, g. Skulls of domesticated cattle of Nepal: male and female. Presented by B. H. Hodgson, Esq.
- h. Bones of body. Nepal. Presented by B. H. Hodgson, Esq.
- i. Skeleton (imperfect). Purchased at Mr. Stevens's sale.
- j. Skull. England.—The specimen figured in Cat. Mamm. Brit. Mus. pt. iii. 1852.
- k. Skull. England.—*Bœuf sans cornes*, *Cuv.*, Oss. Foss. iv. tab. 9. figs. 3, 4.
- l. Skull. "Sikkim domestic cattle." Presented by B. H. Hodgson Esq.
- m. Skull. "Lowland domestic bull." Presented by B. H. Hodgson, Esq.
- n, o. Horns.
- p. Horns. Sanga or Galla Oxen.—The specimen described in Salt's Travels in Abyssinia, p. 258, and figured in Griffith, A. K. tab. 201. fig. 3, as "Salia Hunched Ox," *H. Smith*.

The DANTE. *Bos dante*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	20

- a, b.* Skulls. Gambia. Presented by the Earl of Derby.  
*c.* Skull. From the Zoological Society's Collection.

The ZEBU. *Bos indicus*.

Zebu à cornes, *Cuv.*, Oss. Foss. iv. p. 109. tab. 9. figs. 5, 6.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	20

- a, b.* Skulls of domesticated cattle. Nepal. Presented by B. H. Hodgson, Esq.  
*c.* Skeleton.  
*d.* Skull: male. }  
*e.* Skull. } From the Zoological Society's Collection.  
*f.* Skull: calf. }

## BUBALUS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The BUFFALO. *Bubalus buffelus*.

*Gray*, Proc. Zool. Soc. 1855, p. 16. pl. 11. Mamm. (skull with horns).  
*Bos bubalis*, *Cuv.*, Oss. Foss. iv. p. 122. tab. 9. figs. 11-13, tab. 10. figs. 7-10 (skulls and horns).—*Daub. in Buffon*, Hist. Nat. xi. tab. 28, tab. 41. figs. 1, 2 (skull).—*Blumenb.*, Abbild. tab. 63.—*Blasius*, Faun. Wirb. Deutschl. p. 496. fig. 270 (skull), 1857.  
*Bos bubalis* (domest., ins. Sonda), *S. Muller*, Verhand. tab. 41. figs. 1-3 (skull).  
 Buffle, *Buff.*, Hist. Nat. xi. p. 350. pl. 28.

- a.* Horns (separate, thick, 48 inches long). India.  
*b.* Skull and horns. India.  
*c.* Horns (separate, 78 inches long).  
*d.* Skull and horns.—Figured in *Griffith*, A. K. tab. 201. figs. 1-3.  
*e.* Skull and horns.  
*f.* Horns (separate, slender). India.  
*g.* Skull and horns.  
*h.* Frontal bone and horns (short).  
*i.* Skull, with horns (polished). Neilgherries. Presented by General Hardwicke.

- j.* Skull, with horns: domestic variety. India. }  
*k, l.* Skulls, with horns: wild variety. India. } Presented by  
*m.* A pair of broad elongated horns. } B. H. Hodg-  
*n.* A pair of horns (very slender). } son, Esq.  
*o.* Skull, with horns: tame variety. India. }  
*p.* Horns. From the Zoological Society's Collection.  
*q.* Skull, with horns. Assam, E. Indies. Presented by Colonel  
 J. Mathie.—The specimen described and figured by Dr. Gray in  
 Proc. Zool. Soc. 1855, p. 16. pl. 11. Mamm.:—

	ft.	in.
Length of the skull from occiput to nose . . . . .	2	4
Length of the horns round the outside across the forehead . . . . .	12	2
Length of line from tip to tip of the horns . . . . .	6	8
Circumference of right horn at base . . . . .	1	8½
Circumference of left horn at base . . . . .	1	8
Width across the forehead . . . . .	0	11

#### The ZAMOUSE. *Bubalus brachycerus*.

*Bos brachycerus*, Gray, Cat. Mamm. Brit. Mus. pt. iii. p. 24. tab. 1. fig. 2 (skull, female), 1852.—Bydragen tot de Dierkunde, p. 33. pl. (front and side view of the skull), 1848.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	19 or 20

- a.* Skull and horns. Central Africa. Presented by Captain Clapperton, R.N., and Major Denham.  
*b.* Skull and horns. Presented by Captain Clapperton, R.N., and Major Denham.  
*c.* Skeleton. Gambia. Presented by the Earl of Derby.—The specimen figured by Dr. Falconer.  
*d.* Skull. Presented by Dr. W. B. Baikie.

#### The CAPE BUFFALO. *Bubalus caffer*.

Gray, Cat. Mamm. Brit. Mus. pt. iii. p. 28. tab. 2. figs. 1, 2 (skull, adult), fig. 3 (horns of young), 1852.

Buffle du Cap, *Daub. in Buffon*, Hist. Nat. xi. p. 416. tab. 41.—*Cuv.*, Oss. Foss. iv. p. 132. tab. 9. figs. 14, 15 (skull).—*Volborth*, De Bobus, &c., 1826, tab. 3.

*Bos caffer*, *Pander und D'Alton*, Vergl. Osteol. pl. 8 *b* (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	19 or 20

- a.* Frontal bone and horns: young. } The specimens figured in Cat.  
*b.* Skull and horns. S. Africa. } Mamm. Brit. Mus. pt. iii. 1852.

- c. Skull and horns. S. Africa.  
 d. Skull and horns. Purchased at Mr. Stevens's sale-rooms.  
 e. Skeleton: male. S. Africa. } From the Zoological Society's Col-  
 f. Horns. } lection.

### ANOA.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

#### The ANOA. *Anoa depressicornis*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 29. tab. 3. figs. 1, 2 (skull), 1852.

- a. Skull and horns. Celebes. Presented by General Hardwicke.—  
 The specimen figured in Cat. Mamm. Brit. Mus. pt. iii. tab. 3.  
 fig. 1 (skull), 1852.  
 b, c. Skulls and horns. Mauritius?  
 d. Skull. From the Zoological Society's Collection.  
 e. Skull: adult female. Celebes.  
 f. Skull: young female. Mindanao. } From Mr. Wallace's Collection.  
 g. Single horn: male.

### BIBOS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

#### The GAYAL. *Bibos frontalis*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 31. tab. 3. fig. 3 (skull), 1852.  
*Gayal* of Sylhet (*Bos gaurus*), *Hodgson*, Journ. Asiat. Soc. Beng. 1841.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	5
Caudal . . . . .	(tail wanting).

- a. Skull: adult male. The Tarai.  
 b. Skull: half-grown male. The Tarai. } Presented by B. H.  
 c. Skull and some bones of foetal specimen. } Hodgson, Esq.  
 d. Skeleton (imperfect).

#### The GOUR. *Bibos gaurus*.

Gouri Gau of Nepal (*Bibos caviformis*), *Hodgson*, J. A. S. Bengal, vi. pt. 1. p. 22. pl. 16 (skulls), 1836; *ibid.* pt. 2. p. 748. pl. 39 (trunk), 1837; *ibid.* x. p. 470. tab. 1. fig. 2, tab. 2, 3 (skulls), 1841.—*Elliot*, Madras Journ. Lit. and Sci. 1840, pl. 6 (skulls of male and female).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13

Lumbar vertebræ . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	(imperfect).

- a. Skull and horns of male. } Nepal. Presented by B. H. Hodg-  
 b. Skull and horns of female. } son, Esq.  
 c. Skull and horns.  
 d. Skull and horns, with skin on face. India. Presented by General  
 Hardwicke.  
 e. Horns (separate, polished).  
 f. Horns (separate).  
 g. Horns (separate): young.  
 h, i. Horns (single).  
 j. Single horn.  
 k. Skeleton (imperfect). } Nepal. Presented by B. H. Hodgson, Esq.  
 l, m. Skeletons: male and female. Nepal.  
 n. Skull. "Old bull." Sahyadri. }  
 o. Skull. "Young bull." W. Ghauts. } From the Zoological So-  
 p. Skull. "Cow." W. Ghauts. } ciety's Collection.

#### The BANTING. *Bibos banting*.

*Bos sondaicus*, Müller, Nederl. Verhand. i. p. 45. tab. 35, tabs. 37-39  
 (skulls of adult and young).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	18

- a. Skeleton: male } Java. From the Leyden Museum.  
 b. Skeleton: female. }

### BISON.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

#### The AUROCHS or LITHUANIAN BISON. *Bison bonassus*.

*Bos urus*, *Bojanus*, Nov. Act. Acad. Nat. Cur. xiii. p. 414. tab. 20-23.—  
*Cuv.*, Oss. Foss. iv. p. 109. tab. 9. figs. 1, 2 (skull), tab. 10. figs. 1,  
 2 (skull), tab. 12. figs. 6, 7 (skull, fossil).—*Volkman*, Anat. Anim.  
 i. tab. 8 (skull); Nouv. Mém. Soc. Imp. Nat. Moscou, vii. 1842,  
 tab. 2 (bones of face).—*Owen*, Proc. Zool. Soc. 1848, p. 132 (bones  
 of fore and hind feet).

*Buffalus*, *Pallas*, Nov. Comm. Petrop. xiii. tab. 11, 12.

Aurochs (foss.), *Cuv.*, Oss. Foss. iv. p. 140. tab. 12 (skull).—*Richard-  
 son*, Voy. of H.M.S. Herald, pl. 6 (occipital view of skull), pl. 7  
 (front view), 1852.

*Bos bison*, *Blasius*, Faun. Wirb. Deutschl. p. 492. fig. 268 (skull).

*Bos europæus*, *Owen*, Proc. Zool. Soc. 1848, p. 126 (bones of fore and

hind feet); Ann. & Mag. Nat. Hist. iv. 1849, p. 295 (bones of fore and hind feet).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	4
Caudal . . . . .	17

a. Skeleton. Lithuania. Presented by the Emperor of Russia (through Sir R. I. Murchison).

#### The AMERICAN BISON. *Bison americanus*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 38. tab. 4. figs. 1, 2 (skull), 1852.

*Bos americanus*, *Cur.*, Oss. Foss. iv. p. 117. tab. 10. figs. 3, 6 (skull).—*Richardson*, Voy. of H.M.S. Herald, pl. 6. figs. 3, 4 (occipital view of skull), pl. 7 (front view), pl. 8 (atlas and axis), 1852.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	5
Caudal . . . . .	13

a. Skeleton. N. America. Presented by the Earl of Derby.

b. Skeleton. N. America. From the Zoological Society's Collection.

#### POËPHAGUS.

Teeth:—Incisors  $\frac{4-4}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

#### The YAK. *Poëphagus grunniens*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 40. tab. 4. figs. 3, 4 (skull), 1852.

*Bos grunniens*, *Cur.*, Oss. Foss. iv. p. 129. tab. 10. figs. 13, 14.

Yac of Thibet, *Hodgson*, Journ. Asiat. Soc. Bengal, x. p. 470. tab. 2. fig. 3 (skull).

a. Skull and horns.

b. Skeleton of small domesticated specimen (very imperfect). Nepal.

c, d. Skulls of male. Thibet.

e. Skull of the female, with the horns bent forward at the tip. Thibet.

f. Skull of the female. Thibet.

g. Pair of horns of the male, of large size. Thibet.

h. Pair of horns of the female (slender, and bent horizontally). Thibet.

i. Skull: young.

j. Single horn.

k. Skull: female.

l. Skull.

m. Horns. Nepal. Presented by B. H. Hodgson, Esq.

} Presented by  
B. H. Hodgson,  
Esq.

## OVIBOS.

Teeth :—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The MUSK Ox. *Ovibos moschatus*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 43. tab. 5. figs. 1, 2 (skull), 1852.—*Richardson*, Voy. of H.M.S. Herald, p. 66. pl. 2. fig. 1 (skeleton), fig. 2 (skull), pls. 3 & 4 (skulls of female and young), pl. 5 (atlas), 1852.

*Bos moschatus*, *Cur.*, Oss. Foss. iv. p. 150. tab. 10. figs. 15-17, tab. 11. figs. 1, 4, 6, 7, tab. 13. figs. 3, 8 (skulls).—*Pallas*, Nov. Comm. Petrop. xvii. tab. 17.—*Ezechetskowsky*, Mém. Acad. St. Pétersb. iii. p. 215. tab. 6.

Bœuf Musque, *Buff.*, Hist. Nat. Suppl. vi. tab. 3.

*Var.* Subfossil :—

*Bos pallasii*, *Dekay*, Ann. Lyc. New York, ii. p. 6.—*Siebel*, Faun. der Vorwelt, i. p. 154.

*Bos canaliculatus*, *Fischer*, Nouv. Mém. Acad. Nat. Moscou, 1834, iii. p. 287; *Oryct.* Moscou, p. 116.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	5
Caudal . . . . .	(?)

a. Skull and horns.—The specimen figured in Cat. Mamm. Brit. Mus. pt. iii. 1852.

b. Skull and horns (imperfect).

c-f. Skeletons. N. America. Presented by J. Rae, Esq.

## BUDORCAS.

The TAKIN. *Budorcas taxicola*.

*Hodgson*, Journ. Asiat. Soc. Bengal, 1850, p. 65. tab. 2 (skull).—*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 44. tab. 5. figs. 3, 4 (skull, copied), 1852.

## SAÏGA.

The COLUS or SAÏGA. *Saïga tartarica*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 51. tab. 6. figs. 1, 2 (skull), 1852.

Antilope saïga, *Pallas*, Spicil. Zool. xii. p. 41. tab. 3. figs. 9, 10 (skull).

a. Horns (separate). Russia.

b. Two horns (separate).

**PANTHOLOPS.**

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

The CHIRU. **Pantholops hodgsonii.**

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 52. tab. 6. figs. 3, 4 (horns), 1852.

- a.* Horns (separate). Himalaya. Presented by Major Honeywood.  
*b.* Skull of male, with horns. } Presented by B. H. Hodgson, Esq.  
*c.* A single slender horn. }  
*d.* Skull.  
*e.* Skeleton. India. From Lieut. Abbott's Collection.

**PROCAPRA.**

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

The GUTTUROSE ANTELOPE. **Procapra gutturosa.**

*Antilope gutturosa*, *Pallas*, Spicil. Zool. xii. p. 52. tab. 3. fig. 13 (horns).

- \**a.* Skull: female. Siberia. From Mr. Brandt's Collection.—The specimen figured in Cat. Mamm. Brit. Mus. pt. iii. 1852.

The RAGOA or GOA. **Procapra picticauda.**

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 55. tab. 7. fig. 2 (skull), 1852.

- a, b, c.* Skulls: male. Thibet. Presented by B. H. Hodgson, Esq.  
*d.* Skull. Thibet. From Mr. Stevens's Collection.  
*e, f.* Skulls: male and female.  
*g.* Single horn.

**GAZELLA.**

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

The GAZELLE. **Gazella dorcas.**

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 55. tab. 6. fig. 5 (skull), 1852.  
*Gazelle*, *Buff.*, Hist. Nat. xii. p. 256. pl. 25 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	(?)

- a-d.* Horns of male.  
*e, f.* Single horns of male.



*g, h.* Horns of female.

*i.* Skull of female. Presented by Sir John Gardner Wilkinson.—  
The specimen figured in Cat. Mamm. Brit. Mus. pt. iii. 1852.

*j.* Horns of female.

\**k.* Bones of the body.

*l.* Skull. India.

*m.* Skull.

*n.* Skeleton.

*o.* Skeleton: female. *Gazella dorcas*, var. *cuvieri*. From the Zoological Society's Collection.

The ISABELLA GAZELLE. *Gazella isabella*.

*a.* Skull. Abyssinia.

The MOHR. *Gazella mohr*.

Nangeur, *Buff.*, Hist. Nat. xii. tab. 32. fig. 3.

\**a.* Skull. Gambia. Presented by the Earl of Derby.

The KORIN. *Gazella rufifrons*.

*a.* Skull: female.

*b.* Skull: young.

TRAGOPS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The CHIKARA or RAVINE DEER. *Tragops bennettii*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 62. tab. 7. fig. 1 (head), 1852.

*a.* Horns of male. Presented by Dr. Turnbull Christie.

*b, c.* Skulls: male. } Salt range. Presented by Professor Oldham.

*d-f.* Skulls: female. }

*g.* Horns: male. Nepal. Presented by Maharajah Dhuleep Singh.

ANTIDORCAS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The SPRING BOC or TSEBE. *Antidorcas euchore*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	15

*a, b.* Horns. S. Africa.

*c.* Skull and horns. S. Africa. Presented by Dr. Burchell.

*d.* Horns on frontal bone.

\**e.* Skull: female.

*f.* Skeleton. From the Zoological Society's Collection.

*g.* Skeleton: young male.

*h.* Horns.

*i.* Horns: young. From Mr. Argent's Collection.

### ÆPYCEROS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

The PALLAH or BETJUAN. *Æpyceros melampus.*

*Gray*, Cat. Mamm. Brit. Mus. p. 65. tab. 7. fig. 3 (skull), 1852.—*Turner*, Proc. Zool. Soc. 1849 (skull).

*a.* Horns. S. Africa. Presented by Dr. Burchell.

*b, c.* Horns. S. Africa. From Mr. Warwick's Collection.

*d, e.* Horns. S. Africa. From Mr. Argent's Collection.

*f.* Horns: young. Presented by — Hora, Esq.

*g.* Horns.

### CERVICAPRA.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

The SASIN or INDIAN ANTELOPE. *Cervicapra bezoartica.*

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 66. tab. 8. figs. 1-3 (skull).

*a, b, c.* Three bases of skulls and horns. India.

*d-f.* Skulls and horns. India.

*g.* Skull, with horns, of adult male. India. } Presented by B. H.  
*h.* A pair of horns. } Hodgson, Esq.  
*i.* One odd deformed horn. }

*j-l.* Horns. From Mr. Argent's Collection.

*m.* Skull: young female. Mergui. Presented by Professor Oldham.

*n.* Horns on frontal bone. From Mr. Argent's Collection.

*o, p.* Skulls.

*q.* Skull: young male. } From the Zoological Society's Collection.

### TETRACERUS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

The CHOUKA or CHOUSINGHA. *Tetracerus quadricornis.*

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 68. tab. 9. fig. 1 (skull), 1852.

*a.* Horns. N. India.

*b.* Frontal bone, with horns.

- c. Skull, with lower jaw. India. Presented by B. H. Hodgson, Esq.  
 d. Skull.  
 e. Skull. India. From Lieut. Abbott's Collection.  
 f. Skull. India. From the Zoological Society's Collection.  
 g. Skull. India. Presented by B. H. Hodgson, Esq.  
 h. Skeleton. From the Zoological Society's Collection.

The RUSTY-RED CHOUSINGHA. *Tetracerus iodes*.

*Hodgson*, Calcutta J. N. H. 1847, tab. 4, fig. 3 (skull).

The FULL-HORNED CHOUSINGHA. *Tetracerus paccervis*.

*Hodgson*, Calcutta J. N. H. 1847, tab. 4, figs. 1, 2 (skull).

The JUNGLIBURKA. *Tetracerus subquadricornutus*.

- \*a. Skull: female. Madras. Presented by T. C. Jerdon, Esq.

CALOTRAGUS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The STEINBOC. *Calotragus campestris*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 71. tab. 8, figs. 4, 5 (skull), 1852.

- |                     |              |
|---------------------|--------------|
| a. Skull: young.    | } S. Africa. |
| *b. Skull: female.  |              |
| c, d. Skulls: male. |              |
| *e. Skull: young.   |              |

The GRYS BOC. *Calotragus melanotis*.

- a. Skull. S. Africa. From Mr. Argent's Collection.

SCOPOPHORUS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The OUREBI. *Scopophorus ourebi*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 71. tab. 8, figs. 1-3 (skull), 1852.

- a, b. Skulls. S. Africa.  
 c. Skeleton (very much diseased). From the Zoological Society's Collection.

OREOTRAGUS.

The KLIPPSPRINGER. *Oreotragus saltatrix*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 74. tab. 9, fig. 2 (skull).

- \*a. Skull. Cape of Good Hope.

## NEOTRAGUS.

The MADOKA. *Neotragus saltianus*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 76. tab. 9. fig. 3 (head), 1852.

*a.* Base of skull, with horns. Abyssinia.

## CEPHALOPHUS.

Teeth :—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The COQUETOON. *Cephalophus rufilatus*.

\**a.* Skull. W. Africa. Presented by the Earl of Derby.

*b.* Skull. Gambia. Presented by the Earl of Derby.

\**c.* Skull. From Mr. Cross's Collection.

The RED-CROWNED BUSH BUCK. *Cephalophus coronatus*.

*a-e.* \*Skulls. W. Africa. Presented by the Earl of Derby.

The WHITE-FOOTED GUEVEI. *Cephalophus whitfieldii*.

*a.* Skull: young. Gambia. Presented by the Earl of Derby.

The BAY BUSH BUCK. *Cephalophus badius*.

\**a.* Skull. Sierra Leone. Presented by the Earl of Derby.

The BLACK BUSH BUCK. *Cephalophus niger*.

\**a.* Leg-bones (imperfect).

The BLACK-STRIPED BUSH BUCK. *Cephalophus ogilbii*.

*a.* Skull. From the Zoological Society's Collection.

The NATAL BUSH BUCK or RHOODE BOK. *Cephalophus natalensis*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 85. tab. 10. fig. 1 (skull), 1852.

*a.* Skull.—The specimen figured in Cat. Mamm. Brit. Mus. pt. iii. 1852.

The WHITE-BACKED BUSH BUCK. *Cephalophus sylvicultrix*.

*a.* Skull. Sierra Leone. From the Zoological Society's Collection.

BURCHELL'S BUSH BUCK. *Cephalophus burchellii*.

\**a.* Skull: female. S. Africa.

The BLACK-FACED PHILANTOMBA. *Cephalophus campbelliæ*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	4
Caudal . . . . .	14

\*a. Skull. S. Africa. From the Stockholm Museum.

b. Skull. S. Africa. From Mr. Argent's Collection.

c. Skeleton. From the Zoological Society's Collection.

d. Skull.

The IMPOON or DUYKER. *Cephalophus grimmia*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	4
Caudal . . . . .	14

a. Skull: young female.

b-f. Skulls: male and female.

g, h. Skeletons: male.

i. Skeleton: young male. } From the Zoological Society's Collection.

*Cephalophus altifrons*.

Antilope altifrons, *Peters*, Mitth. der Gesellschaft naturf. Freunde zu Berlin, 1852; Naturw. Reise nach Mossambique, Säugth. i. p. 184. pl. 38.

*Cephalophus ocularis*.

Antilope ocularis, *Peters*, Naturw. Reise nach Mossambique, Säugth. i. p. 186. pl. 41. fig. 1 (skull), pl. 42. fig. 1 (skull).

*Cephalophus hastatus*.

*Peters*, Naturw. Reise nach Mossambique, Säugth. i. p. 188. pl. 41. fig. 2 (skull), pl. 42. fig. 2 (skull).

The NOUMETZI or CAPE GUEVEI. *Cephalophus pygmæus*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	4
Caudal . . . . .	(?)

a. Skeleton. From the Zoological Society's Collection.

The GUEVEI. *Cephalophus maxwellii*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14

Lumbar vertebræ . . . . .	5
Sacral . . . . .	4
Caudal . . . . .	12

- a-d.* Skulls. From Mr. Argent's Collection.  
*e.* Skeleton. From the Zoological Society's Collection.  
*f, g.* Skulls.

### PELEA.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

#### The REHBOCK or PEELE. *Pelea capreola.*

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	12

- a.* Head and horns. S. Africa. Presented by Dr. Burchell.  
*b.* Skull: female. S. Africa.—The specimen figured in Cat. Mamm. Brit. Mus. pt. iii. tab. 36. fig. 4 (lower jaw), (*Pelea* —?).  
*c.* Skeleton: female. S. Africa. From the Zoological Society's Collection.

### ELEOTRAGUS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

#### The RIET BOCK. *Eleotragus arundinaceus.*

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 91. tab. 10. fig. 3 (skull, male), p. 130. fig. 1 (skull of female), 1852.

- \**a.* Skull: female. S. Africa.  
*b.* Horns. S. Africa.  
*c, d.* Skulls. S. Africa. Presented by Dr. Burchell.—The specimens figured in Cat. Mamm. Brit. Mus. pt. iii. 1852.  
*e.* Horns. S. Africa.  
*f.* Skull: male. Orange River.  
*g.* Skull: female. Orange River.  
*h.* Skull: adult male. Orange River. } From Mr. Argent's Collection.

### ADENOTA.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

#### The ÆQUITOON. *Adenota kob.*

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 96. tab. 11. figs. 1, 2 (skull), 1852.

- a, b.* Skulls of male and young. Gambia. Presented by the Earl of Derby.

The LECHÈE. *Adenota lechèe*.

- a. Skull: young male. } Banks of the "Bahr il Gazâl." From Mr.  
 b. Skull: adult female. } Petherick's Collection.

## KOBUS.

Teeth :—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The SING-SING. *Kobus sing-sing*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	18

- a. Skeleton: female.  
 b. Skull: female, adult.  
 c. Skull: female, young. } Gambia. Presented by the Earl of Derby.

The PHOTOMOK or WATER BUCK. *Kobus ellipsiprymnus*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 99. tab. 11. figs. 3, 4 (skull).

- a. Skull and horns: male. From Mr. Argent's Collection.  
 b. Horns.  
 c, d. Skulls: female. From Mr. Stevens's sale.  
 e. Skull. From the Zoological Society's Collection.  
 f. Skull: male. Banks of the "Bahr il Gazâl." From Mr. Petherick's Collection.

*Kobus maria*.

*Gray*, Ann. & Mag. Nat. Hist. 1860, pl. (head, with horns).

- a. Stuffed head of male. } Banks of the "Bahr il Gazâl." From  
 b. Stuffed head of female. } Mr. Petherick's Collection.

*Kobus leucotis*.

Antelope leucotis, *Licht.*, Mem. Acad. Berol. p. 99. tab. 3 (head and horns), 1854.

- a. Skull. Central Africa. From Mr. Petherick's Collection.

## ÆGOCERUS.

Teeth :—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The BLAU BOCK. *Ægocerus leucophæus*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 103. tab. 12. figs. 1, 2 (skull), 1852.

- a. Horns. S. Africa.

- b.* Skull and horns (of female?) (horns slender).  
*c.* Base of skull and horns. S. Africa.  
*d.* Horns (separate; short, thick). S. Africa.  
*e, f.* Horns. Gambia. Presented by the Earl of Derby.  
*g.* Horns (separate). S. Africa. From Mr. Argent's Collection.

The SABLE ANTELOPE. *Ægocerus niger*.

- a.* Skull. S. Africa. From Mr. Gordon Cumming's Collection.

ORYX.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

The PASAN or GEMSBOK. *Oryx gazella*.

- a.* Single horn.  
*b-d.* Horns on head. S. Africa.  
*e.* Skull and horns. S. Africa. From Mr. Stevens's sale.  
*f.* Single horn.

The ORYX. *Oryx leucoryx*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 107. tab. 12. figs. 3, 4 (skull), 1852.  
*Algazel*, *Buff.*, Hist. Nat. xii. tab. 32. figs. 1, 2.

- a.* Skull and horns. N. Africa.  
*b.* Single horn of young. N. Africa.  
*c.* Single horn. N. Africa.  
*d.* Skull: young. Sennaar.

ADDAX.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

The ADDAX. *Addax nasomaculatus*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 109. tab. 12. fig. 5 (skull), 1852.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	16

- a.* Horns (not united). N. Africa. Presented by Captain Claperton, R.N., and Major Denham.  
 \**b.* Skeleton (imperfect). Presented by the Earl of Derby.  
*c.* Skeleton: male. N. Africa. From the Zoological Society's Collection.



**CAPRICORNIS.**

Teeth :—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The THAKAR or THAR. **Capricornis bubalina.**

Gray, Cat. Mamm. Brit. Mus. pt. iii. p. 111. tab. 13. fig. 1 (skull), 1852.

a, b. Frontal bones and horns. Nepal.

c. Skull: male. } Nepal. Presented by B. H. Hodgson, Esq.

d. Skull: female. }

e. Horns. India. From Mr. Argent's Collection.

f-h. Skulls. Nepal. Presented by B. H. Hodgson, Esq.

The CAMBING OUTAN. **Capricornis sumatrensis.**

a. Frontal bone, with horns.

b. Skull. Presented by Professor Oldham.

The JAPANESE GOAT ANTELOPE. **Capricornis? crispa.**

Antelope crispa, Temm., Faun. Japon. tab. 19, 1819.

**NEMORHEDUS.**

Teeth :—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The GORAL. **Nemorhedus goral.**

Gray, Cat. Mamm. Brit. Mus. pt. iii. p. 112. tab. 13. fig. 2 (skull), 1852.

a. Horns (of female?) (very thin, far apart at the base).

b, c. Skulls of male. India.

d-f. Skulls of females (imperfect). } Presented by B. H. Hodgson, Esq.

g. Skeleton (imperfect).

h. Skull. Kashmir.

i. Skull: young. Kashmir. } Presented by Professor Oldham.

j. Skull. From the Zoological Society's Collection.

k. Skull: young.

l. Skull. Nepal. Presented by B. H. Hodgson, Esq.

m. Horns. India. Presented by Professor Oldham.

**MAZAMA.**The MAZAME or SPRING-BUCK. **Mazama americana.**

Gray, Cat. Mamm. Brit. Mus. pt. iii. p. 114. tab. 14. fig. 1 (head), 1852.

Rupicapra americana, Richardson, Voy. of H.M.S. Herald, pls. 16, 17 (skulls), pl. 18 (cervical vertebræ), pl. 19 (radius and ulna), 3, 4, 5 (metacarpus), 1852.

Capella rupicapra, Baird, Mamm. N. Amer. pl. 25 (horns).

## RUPICAPRA.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The CHAMOIS or GEMS. *Rupicapra tragus*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 116. tab. 14. figs. 2-4 (skull), 1852.

Antilope rupicapra, *Pander und D'Alton*, Vergl. Osteol. pl. 81 (skull).

Capella rupicapra, *Blasius*, Faun. Wirb. Deutschl. p. 488. fig. 267 (skull with horns), 1857.

Chamois, *Buff*, Hist. Nat. xii. p. 196. pl. 17 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	5
Caudal . . . . .	8

*a, b*. Skulls and horns. Alps. Presented by General Hardwicke.

*c, d, e*. Three horns. Alps.

*f*. Skull, with horns. Alps. Presented by John Gould, Esq.

*g*. Skeleton. Alps. From Mr. Brandt's Collection.

*h, i, j*. Three pairs of horns.

*k*. Skull: female, young. Alps. From M. Parzndaki's Collection.

*l*. Skull: male. Switzerland. From Dr. A. Günther's Collection.

*m*. Horns.

## ANTILOCAPRA.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The CABRIT or PRONG-HORN. *Antilocapra americana*.

*Baird*, Mamm. N. Amer. pl. 25 (horns).—*Gray*, Ann. & Mag. Nat. Hist. xvii. p. 425. fig. 1 (horns), 1855.

Antilope furcifer, *H. Smith*, Trans. Linn. Soc. xiii. tab. 2 (head).

Antilope palmata, *H. Smith*, Trans. Linn. Soc. xiii. tab. 3 (horns).

\**a*. Skull: female. Hudson's Bay. Presented by the Hudson's Bay Company.

*b, c*. Skulls: male. Hudson's Bay.

*Antilocapra antilexa*.

*Gray*, Ann. & Mag. Nat. Hist. xvii. p. 425. fig. 2 (horns), 1855.

## CONNOCHETES.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The GNU or KOKOON. *Connochetes gnu*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 119. tab. 14. figs. 4, 5 (skull), 1852.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	13 (imperfect).

- a.* Frontal bone and horns. S. Africa. Presented by J. Hillier, Esq.  
*b.* Skull. S. Africa. From Mr. Stevens's Collection.  
*c.* Skull. S. Africa. From Mr. Argent's Collection.  
*d.* Skeleton. S. Africa. From the Zoological Society's Collection.  
*e, f.* Skulls. S. Africa. From Mr. Argent's Collection.  
*g.* Skull. S. Africa. Presented by T. Butler, Esq.

The GORGON or BEINDLED GNU. *Connochetes gorgon*.

- a.* Skull and horns. S. Africa. From Mr. Stevens's Collection.

## ALCELAPHUS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The LICAMA or HARTEBEEST. *Alcelaphus caama*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 124. tab. 16. figs. 1, 3 (skull), 1852.

Antelope caama, *Pander und D'Alton*, Vergl. Osteol. pl. 8 E (skull).

- a.* Frontal bone and horns. S. Africa.  
*b.* Frontal bone and horns (wide apart, very rough). S. Africa.  
*c.* Horns, with the head stuffed. S. Africa.  
*d.* Frontal bone, with the skin on. S. Africa.  
*e.* Horns. S. Africa.  
*f, g.* Two pairs of horns. From Mr. Warwick's Collection.  
*h.* Skull.  
*i-g.* Nine pairs of horns. From Mr. Argent's Collection.  
*r.* Horns.

*Alcelaphus lichtensteinii*.

Antelope lichtensteinii, *Peters*, Naturw. Reise nach Mossambique, Säugth. i. p. 190. pl. 43. figs. 1-3 (skull).

- a.* Skull. From Mr. Argent's Collection.

The BUBALE. *Alcelaphus bubale*.

Bubale, *Buff*, Hist. Nat. xii. p. 340. pl. 37 (skeleton), pl. 38 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13

Lumbar vertebræ . . . . .	5
Sacral . . . . .	4
Caudal . . . . .	15 or 16

- a.* Skull and horns (one deformed). N. Africa?  
*b.* Frontal bone and horns. N. Africa?  
*c.* Skeleton. N. Africa. From the Zoological Society's Collection.  
*d.* Skull. Central Africa. From Mr. Petherick's Collection.

### DAMALIS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

#### The SASSAYBI. *Damalis lunatus.*

- a.* Horns. S. Africa. Presented by Dr. Burchell.  
*b.* Horns. S. Africa. From Mr. Warwick's Collection.  
*c, d.* Horns. S. Africa. From Mr. Argent's Collection.

#### The KORRIGUM. *Damalis senegalensis.*

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 126. tab. 16. figs. 4, 5 (skull), 1852.

- a, b.* Skulls and horns. Bornou. Presented by Captain Claperton, R.N., and Major Denham.  
*c, d.* Skulls and horns. Gambia. Presented by the Earl of Derby.  
*e, f.* Skulls and horns. "Bahr il Gazâl." From Mr. Petherick's Collection.

#### The NUNNI or BONTE BOCK. *Damalis pygarga.*

- a.* Skull. Cape of Good Hope. Presented by Dr. Burchell.  
*b.* Horns. S. Africa.  
*c, d.* Two pairs of horns. S. Africa. From Mr. Warwick's Collection.  
*e.* Horns.  
*f.* Horns (long and slender).  
*g-n.* Eight pairs of horns. S. Africa. From Mr. Argent's Collection.  
*o, p.* Horns. S. Africa. From Mr. Argent's Collection.  
*q.* Skeleton. From the Zoological Society's Collection.  
*r, s.* Skulls. S. Africa. From Mr. Argent's Collection.  
*t.* Skeleton: female. S. Africa. From the Zoological Society's Collection.

### OREAS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

#### The IMPOPHOO or ELAND. *Oreas canna.*

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 134. tab. 17. figs. 3, 4 (skull), 1852.

Antelope oreas, *Pander und D'Alton*, Vergl. Osteol. pl. 8. fig. (skull).  
Coudou, *Buff.*, Hist. Nat. xii. p. 378. pl. 46 (horns).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	16

- a, b, c.* Three pairs of horns (separate). S. Africa.  
*d.* Frontal bone and horns. S. Africa.  
*e.* Skeleton. S. Africa. Presented by the Earl of Derby.  
*f.* Skull: young.  
*g.* Skull: very young.  
*h.* Frontal bone and horns. From the Zoological Society's Collection.  
*i.* Skeleton: adult male. S. Africa.  
*j.* Horns. Algoa Bay. Presented by — Wemys, Esq.

The GINGI JONGA. *Oreas derbianus*.

- a, b.* Horns. Gambia. Presented by the Earl of Derby.

**STREPSICEROS.**

Teeth:—Incisors  $\frac{0-0}{1-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The KUDU or COUDU. *Strepsiceros kudu*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 133. tab. 17. figs. 1, 2 (skull), 1852.

Coudou, *Buff.*, Hist. Nat. xii. p. 340. pl. 37 (skull with horns).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	4
Caudal . . . . .	15

- a, b, c.* Three pairs of horns. S. Africa.  
*d.* Frontal bone and horns. S. Africa.  
*e, f.* Two skulls and horns. S. Africa.  
*g.* Head and horns. Presented by the Trustees of the Hunterian Collection.  
*h.* Single horn of young. *Damalis canna*, Smith. S. Africa.  
*i.* Skull: female. S. Africa. From Mr. Warwick's Collection.  
*j.* Skull and horns. S. Africa. From Mr. Argent's Collection.  
*k.* Skull: young male. S. Africa.  
*l.* Skull: female. From Mr. Stevens's sale.  
*m.* Skeleton: female. S. Africa. From the Zoological Society's Collection.

## TRAGELAPHUS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The BROAD-HORNED ANTELOPE. *Tragelaphus eurycerus*.

*a, b, c.* Skulls, with horns. W. Africa. Presented by Captain Allen.  
*d, e, f.* Separate horns. Gaboon. From M. Parzudaki's Collection.

The INYALA. *Tragelaphus angasii*.

*a.* Horns. Lake Ngami. Presented by J. A. Green, Esq.

The BOSCH BOC. *Tragelaphus sylvatica*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	4
Caudal . . . . .	17

*a.* Base of skull, with horns.

*b.* Skull and horns.

*c.* Single horn (rather compressed).

*d.* Horns. S. Africa. From Mr. Warwick's Collection.

*e, f.* Skulls: female. } Orange River. From Mr. Argent's Col-  
*g.* Skull: male. } lection.

*h.* Skull. S. Africa. From Mr. Gordon Cumming's Collection.

*i.* Skeleton: male. S. Africa. From the Zoological Society's Col-  
lection.

The GUIB or BONTEBOCK. *Tragelaphus scripta*.

(Guib, *Buff.*, Hist. Nat. xii. tab. 41. fig. 1 (horn).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	16

*a, b.* Skulls. Gambia. Presented by the Earl of Derby.

*c.* Skeleton: female. From Mr. Cross's Collection.

*d.* Skull: young. Senegal. Presented by the Earl of Derby.

*e.* Skeleton: male. S. Africa. From the Zoological Society's Col-  
lection.

## PORTAX.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The NYLGHAU. **Portax tragocamelus.**

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 141. fig. 2 (skull), 1852.  
*Antilope pieta*, *D'Alton*, *Vergl. Osteol.* pl. 8 H (skull), pl. 6 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	17

- a.* Skull. India.  
*b.* Skeleton: female. India.  
*c.* Skull. India.  
*d.* Skull: adult male. India. From Lieut. Abbott's Collection.

**HEMITRAGUS.**

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The JHARAL or TEHR. **Hemitragus jemlaicus.**

*Capra jemlaica*, *H. Smith*, Griffith's, A. K. i. tab. 183. fig.  
*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 144. tab. 18. figs. 3, 4 (skull),  
 1852.

- a.* Head and horns. Nepal.  
*b.* Base of skull, with horns. Nepal.  
*c.* Skull and horns. Nepal.  
*d.* Base of skull, with horns, of female. Nepal.  
*e.* Skull of a young female.  
*f.* Broken skull of a young male. } Nepal. Presented by B. H.  
*g, h.* Bones of the body. } Hodgson, Esq.  
*i.* Skull and horns (imperfect).  
*j.* Horns on base of skull.  
*k, l, m.* Three pairs of horns: adult and young. Nepal. Presented  
 by B. H. Hodgson, Esq.  
*n.* Skull. Cashmere. Presented by Professor Oldham.  
*o.* Horns. From Mr. Argent's Collection.

**KEMAS.**

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The WARRYATO or JUNGLE KEMAS. **Kemas worryato.**

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 146. tab. 19. figs. 1, 2 (skull),  
 1852.

- a, b.* Skulls and horns of male and female. Neilgherries. Presented  
 by R. Partridge, Esq.  
*c, d.* Heads of female, without the sheath to the horns. Nepal.

## CAPRA.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The IBEX or STEINBOCK. *Capra ibex*.

*Schinz*, Nouv. Mém. Soc. Helv. new ser. ii. tab. 2 (horns), 1838.—  
*Blasius*, Faun. Wirb. Deutschl. p. 475. fig. 253 (horns), 1857.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Candal . . . . .	12

- a.* Base of skull and horns (very large).  
*b.* Skull and horns.  
*c.* Single horn (rather compressed).  
*d.* Skull and horns.  
*e.* Skeleton.  
*f.* Skull. } Alps. From Mr. Warwick's Collection.  
*g.* Skull: young. }  
*h.* Skull and horns.

The JÆELA. *Capra nubiana*.

*F. Cur.*, Mamm. Lithog. 1825.

*Capra* beden, *Blasius*, Faun. Wirb. Deutschl. p. 152. figs. 261, 262 (head with horns), 1857.

- a-e.* Horns. Egypt. Presented by J. Burton, jun., Esq.  
*f.* Pair of horns (separate). N. Africa.  
*g.* Pair of horns (half-grown).  
*h.* Skull and horns. Mount Sinai.  
*i.* Skull. N. Africa. Presented by Major M'Donald.—The specimens figured in the Cat. Mamm. Brit. Mus. pt. iii. 1852.  
*j.* Skull. N. Africa. From Mr. Stevens's sale.

The TEK or TAKIGA. *Capra sibirica*.

*Schinz*, Nouv. Mém. Soc. Helv. ii. tab. 2 (horns), 1838.—*Blasius*, Faun. Wirb. Deutschl. p. 481. fig. 259 (head with horns), 1857.

- a.* Skull, with horns. "*C. altaica*." From Mr. Brandt's Collection.  
*b.* Skull, with horns. India. } From Lieut. Abbott's Collection.  
*c.* Horns. India. }  
*d.* Skull, with horns. Ladakh, India. Presented by Capt. Strachey.

## ÆGOCEROS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.



The TUR or ZACK. *Ægoceros caucasica*.

*Capra caucasica*, *Blasius*, Faun. Wirb. Deutschl. p. 479. figs. 255, 256 (head with horns), 1857.

The PYRENEAN TUR. *Ægoceros pyrenaica*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 147. tab. 20. figs. 4, 6 (skull, female). 1852.

*Capra pyrenaica*, *Schinz*, Nouv. Mém. Soc. Helv. ii. p. 24. tab. 1 & 3 (skulls), tab. 2 (horns), 1838.—*Blasius*, Faun. Wirb. Deutschl. p. 480. figs. 257, 258 (horns), 1857.

a. Skull: female. Pyrenees.

## HIRCUS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The GOAT. *Hircus ægagrus*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 153. tab. 20. figs. 1-3 (skull), 1852.

*Capra hircus*, *Blasius*, Faun. Wirb. Deutschl. p. 484 (skull with horns), 1857.—*Schinz*, Nouv. Mém. Soc. Helv. ii. tab. 1 (skull), 1838.

*Capra ægagrus*, *Blasius*, Faun. Wirb. Deutschl. p. 485. figs. 264, 265 (head with horns), 1857.

*Capricorne*, *Buff.*, Hist. Nat. xii. p. 146. tab. 15 (skeleton).

a, b. Horns.

c. Horns (elongate, erect).

d. Horns (expanded on the side).

e, f, g. Three skulls (var. Sinal), with the horns regularly bent back. Nepal.

h. Skull, with horns. Var. Shangra, or Shawl Goat. Thibet.

i. Skull and horns of adult. Var. Chappoo (*Capra chungra*). Thibet.

j. Skull and horns of adult.

k. A young skull of "Chappoo." Thibet.

l. Pair of separate horns. Thibet.

m. Skull. England.

n. Skull and horns. India. From Mr. Argent's Collection.

o-r. Skulls and horns.

s. Skull. From the Zoological Society's Collection.

t. Skeleton.

u. Skull.

v. Skull. "Scinde Goat." Scinde. From the Zoological Society's Collection.

w, x. Skulls. Alps. From Dr. A. Günther's Collection.

y, z. Skulls, with horns.—The specimens described (*Capra caucasica*) by Col. H. Smith.

} Presented by  
B. H. Hodg-  
son, Esq.

- a*<sup>2</sup>. Horns. "*Capra megaceros*." Cashmere. Presented by Professor Oldham.
- b*<sup>2</sup>. Horns.
- c*<sup>2</sup>. Skull, with horns (var. *Capra fulconeri*). India. Presented by the East India Company.
- d*<sup>2</sup>. Single horn. India. Presented by H. Falconer, M.D.
- e*<sup>2</sup>. Horns. Pagure. } From Lieut. Abbott's
- f*<sup>2</sup>. Horns (half-grown). Pashewar Hills. } Collection.
- g*<sup>2</sup>. Horns: variety. Cashmere.
- h*<sup>2</sup>. Skull, with horns. *Capra megaceros*, Hutton, Calcutta Journ. Nat. Hist. ii. p. 521. tab. 20. Cashmere. Presented by Professor Oldham.
- i*<sup>2</sup>. Single horn. Himalaya Mountains.

The **WALIE**. *Capra walie*.

*Rüppell*, Fauna Abyssinica, tab. 6 (skull).

**CAPROVIS.**

Teeth :—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

The **ARGALI**. *Caprovis (Argali) argali*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 174. tab. 21. fig. 4 (skull), 1852.  
*Ovis argali*, *Blasius*, Faun. Wirb. Deutschl. p. 468. figs. 241, 242 (skull), 1857.

- a, b*. Two pairs of horns of adult. }  
*c*. Pair of horns of young ram. }  
*d*. Skull and horn of a half-grown ram. } Nepal. Presented by  
 Var. *Ovis bairwál*:— } B. H. Hodgson, Esq.  
*e*. Skull (imperfect), with half-grown horns. }  
*f, g*. Two pairs of horns, of different ages. }  
*h*. Skull, with horns. }  
*i, j*. Skulls, with horns. Ladakh. Presented by the E. I. Company.  
*k*. Skull: female. } India. From Lieut. Abbott's Collection.  
*l*. Skeleton. }

**Caprovis (Argali) arkal.**

*Ovis arkal*, *Blasius*, Faun. Wirb. Deutschl. p. 469. fig. 243 (skull with horns), 1857.

The **TAYE or BIG HORN**. *Caprovis (Argali) canadensis*.

*Ovis canadensis*, *Richardson*, Voy. of the Herald, pl. 1 (skeleton), pls. 2, 3 (skulls).

*Ovis montana*, *Blasius*, Faun. Wirb. Deutschl. p. 470. figs. 245, 246 (skull with horns), 1857.

Cervical vertebrae . . . . . 7  
 Dorsal . . . . . 13

Lumbar vertebræ.....	6
Sacral .....	4
Caudal .....	10

- a. Skull, with horns. From the Zoological Society's Collection.
- b. Horns.—The specimen referred to by Sir J. Richardson in his observations in Zool. Journ. iv. p. 332, under the name of *Ovis californicus*.
- c. Skeleton: seven-year-old male.
- d. Skeleton: three-year-old male.
- e. Skeleton: two-year-old male.
- f. Skull, pelvis, and limbs of an old female.
- } Presented by Capt. Palisser.  
} Collected by the Exploring  
} Expedition to Vancouver's  
} Island, 1848-9.

The ARMENIAN SHEEP. *Caprovis (Musimon) orientalis*.

*Ovis orientalis*, *Pallas*, Spic. Zool. xii. p. 15. tab. 5. fig. 1 (horns).—*Blasius*, Faun. Wirb. Deutschl. p. 472. figs. 249, 250 (skull with horns), 1857.

*Ovis gmelini*, *Blyth*, Proc. Zool. Soc. 1840, p. 69; Ann. & Mag. Nat. Hist. vii. p. 250. tab. 5. fig. 8 (horns).

- a. Skull. Tunis. From Mr. Fraser's Collection.

The SHAPOO. *Caprovis (Musimon) vignei*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 172. tab. 21. figs. 1, 3 (skull), 1852.

*Ovis vignei*, *Blyth*, Proc. Zool. Soc. 1840; Ann. & Mag. Nat. Hist. vii. p. 251. tab. 5. fig. 9 (horns).—*Slater*, Proc. Zool. Soc. 1860, p. 126 (fig. of skull and horns).

- a. Skull and horns.
- b. Horns (separate).
- c. Horn (single).
- d, e. Skulls and horns.
- f. Horns. Ladakh. Presented by Capt. R. Strachey.
- g. Horns (separate).
- h. Horns. India.
- } N. India. Presented by the E. I. Company.

The OORIAL. *Caprovis (Musimon) cycloceros*.

*Ovis cycloceros*, *Hutton*, Calcutta Journ. Nat. Hist. ii. p. 514. pl. 19, 1842.—*Slater*, Proc. Zool. Soc. 1860, p. 128 (fig. of skull and horns).

- a. Skull and horns. Presented by W. B. Barker, Esq.
- b. Skull and horns. Attock's Hills, India. Presented by Capt. R. Strachey.

The MOUFFLON. *Caprovis musimon*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 173, 1852.

*Ovis musimon*, *Blasius*, Faun. Wirb. Deutschl. p. 471. figs. 247, 248 (skull with horns), 1857.

Mouflon, *Buff.*, Hist. Nat. xi. p. 386. pl. 30 (skeleton).

Cervical vertebræ.....	7
Dorsal .....	13

Lumbar vertebræ . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	10

- a. Skull. India. Presented by W. Ewer, Esq.  
 b. Skeleton: male. From the Zoological Society's Collection.

### PSEUDOIS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The NAHOOR, or NERVATE, or SNA. **Pseudois nahoor.**

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 177. tab. 22. figs. 1, 2 (skull).  
 Nepal Ram or Nervate, *Hardw.*, Icon. ined. Brit. Mus. 10,975. tab. 194  
 (horns).

*Ovis burrhel*, *Ogilby*, Proc. Zool. Soc. 1840, p. 79; Ann. & Mag. Nat.  
 Hist. vii. p. 248. tab. 5. fig. 7 (horns), 1841.

*Ovis cyprus*?, *Blasius*, Faun. Wirb. Deutschl. 1857, p. 473. figs. 251,  
 252 (skull with horns).

- a. Base of skull of male, with horns. Nepal.  
 b. Skull of a young male. } Nepal. Presented by  
 c. Various separate bones of body and limbs. } B. H. Hodgson, Esq.  
 d-f. Skulls.  
 g. Horns. } From Mr. Argent's Collection.  
 h. Single horn. }  
 i, j. Horns on base of skull.  
 k. Horns.  
 l, m. Skulls: male and female. From the Zoological Society's Col-  
 lection.  
 n. Skull: young female. "*Ovis burrhell*." India. From Lieut.  
 Abbott's Collection.  
 o. Skull. India. Presented by Professor Oldham.  
 p. Single horn. From Mr. Argent's Collection.  
 q. Horns: young. Nepal. Presented by B. H. Hodgson, Esq.

### AMMOTRAGUS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The Aoudad. **Ammotragus tragelaphus.**

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 179. fig. 3 (skull), 1852.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	5
Caudal . . . . .	13

- a-d. Horns. N. Africa.

- e. Bones of the body. }  
 f. Skeleton: female. } N. Africa. From the Zoological Society's  
 g. Skeleton: male. } Collection.

## OVIS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The SHEEP. *Ovis (Aries) aries*.

*Ovis aries*, *Blasius*, Faun. Wirb. Deutschl. p. 467. fig. 240 (skull), 1857.—*Cuv.*, Anat. Comp. v. pl. 13. fig. 2 (bones of fore-arm), 1805. *Brebis*, *Buff.*, Hist. Nat. v. p. 52. pl. 7 (skeleton).

- a, b. Horns of many-horned variety.  
 c. Horns (small).  
 d, e. Skulls and horns of spiral-horned variety.  
 f, g. Horns of spiral-horned variety.  
 h. Skull, with the horns united together at the base.  
 Var. Huniah Sheep:—  
 i. Skull of adult male, with horns. Nepal. Presented by B. H. Hodgson, Esq.  
 j, k. Skulls of young, without the cases of the horns. Nepal. Presented by B. H. Hodgson, Esq.  
 l, m. Two skulls of many-horned variety: horns of each side arising from the same base, showing that they are produced by the division of the core. Nepal. Presented by B. H. Hodgson, Esq.  
 n, o. Two skulls of four-horned variety, with horns separate from one another at the base (each wanting one sheath). Nepal. Presented by B. H. Hodgson, Esq.  
 p. Var. Dumba. Skull of a "Cabul Dumba Sheep." Presented by B. H. Hodgson, Esq.  
 q. Var. Cago. Skull of adult, without the sheath of the horns (imperfect). Presented by B. H. Hodgson, Esq.  
 r. Skull of the young (hornless).  
 s. Var. horns united at the base. Skull, with the horns cut off near the base. Presented by B. H. Hodgson, Esq.  
 t. Skull. From Mr. Argent's Collection.  
 u. Skull of spiral-horned variety.  
 v. Skull: female. England.  
 w. Skull.  
 x. Skull. England.  
 y. Skull.  
 z. Skull: many-horned variety. }  
 a<sup>2</sup>. Skull: female. }  
 b<sup>2</sup>. Skull. } From the Zoological Society's  
 c<sup>2</sup>. Skull. "Abyssinian Sheep." } Collection.  
 d<sup>2</sup>. Skull. }  
 e<sup>2</sup>. Skull. }  
 f<sup>2</sup>. Skull, with large spiral horns. Domestic Sheep. Nepal. Presented by B. H. Hodgson, Esq.

- g*<sup>2</sup>. Skull, with large spiral horns. India.  
*h*<sup>2</sup>. Skull, with large spiral horns.  
*i*<sup>2</sup>. Skull, without the sheath to the horns. Dumba Sheep (*Ovis scatophagus*). North-west India. Presented by Professor Oldham.  
*j*<sup>2</sup>. Skull: small variety. India. }  
*k*<sup>2</sup>. Skull: small variety. } From the Zoological Society's  
*l*<sup>2</sup>. Skull: small variety: female. } Collection.  
*m*<sup>2</sup>. Skull: small variety. Nepal. }  
*n*<sup>2</sup>. Skull: spiral-horned variety. Alps. From Dr. A. Günther's Collection.  
*o*<sup>2</sup>. Skull. From Mr. Argent's Collection.  
*p*<sup>2</sup>. Skull. Demerara Sheep. From the Zoological Society's Collection.  
*q*<sup>2</sup>. Skeleton. Shanghai or Earless Ram. Shanghai. From the Zoological Society's Collection.

The PAMIR SHEEP. *Ovis polii*.

*Blyth*, Ann. & Mag. Nat. Hist. vii. p. 248. pl. 5. fig. 1 (horns), 1841.

- a*. Horns (separate). Bokhara. Presented by the East India Company.

GIRAFFA.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

The GIRAFFE or CAMELOPARD. *Giraffa camelopardalis*.

- Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 181. tab. 23. figs. 1, 2 (skulls).  
 —*Spix*, Cephalog. tab. 8. fig. 6 (skull).  
*Camelopardalis giraffa*, *Alton*, Act. Acad. Nat. Cur. xii. p. 332. tab. 36.  
 —*Owen*, Trans. Zool. Soc. ii. tab. 40.—*Geoff.*, Ann. Sci. Nat. x. p. 210.—*Salze*, Mém. du Mus. xiv. p. 68.—*Rüppell*, Atlas, tab. 9. fig. *a, b* (skulls, male and female).—*Pander u. D'Alton*, Vergl. Osteol. pl. 1 (skeleton), pl. 11 (skull).—*Blainv.*, Ostéog. G. Camelopardalis, pl. 1 (skeleton), pl. 11 (skulls of adult and young; dentition of specimens from the Cape, Abyssinia, and Senegal).—*Orr's Circle of the Sciences*, i. p. 236. fig. 30 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	4
Caudal . . . . .	19 or 20

- a, b*. Skulls of male and female. S. Africa. Presented by Dr. Burchell.  
*c*. Skeleton. N. Africa. }  
*d*. Skeleton (imperfect). } From the Zoological Society's Collection.

## ALCES.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

The ELK. *Alces malchis*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 187. tab. 27. fig. 1 (skull), 1852.

Elan, *Buff.*, Hist. Nat. xii. tab. 8, 9.—*Cur.*, Oss. Foss. iv. p. 64. tab. 4. figs. 22-29 (horns), tab. 5. fig. 49, tab. 6. fig. 8,  $\frac{1}{4}$ th.

Moose Deer, *Dale*, Phil. Trans. no. 444, 384. fig.

*Cervus alces*, *Schreb.*, Säugth. tab. 246. fig. *b*.—*Richardson*, Voy. of the Herald, pls. 20, 21 (cervical vertebræ), pl. 22 (skull, with horns), pl. 24 (parts of the fore-legs).—*D'Alton*, Vergl. Osteol. pl. 5A (skull).

*Alces palmatus*, *Blasius*, Faun. Wirb. Deutschl. p. 434. fig. 231 (horns, adult), fig. 232 (horns, young and adult), 1857.

*Alces americanus*, *Baird*, Mamm. N. America, p. 631. figs. 1, 2 (horns), 1859.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	(imperfect).

*a*. Several pairs of horns.

*b*. Two single horns of young.

*c*. Horns, with the head stuffed. Russia. Presented by Edward Caley, Esq.

*d*. Single horn. Udoholm, Sweden. Presented by the Earl of Selkirk.

*e*. Horns. Sweden. From the Leverian Museum.

*f*. Skeleton: male.

*g*. Skeleton: female. } From the Zoological Society's Collection.

*h, i*. Skulls. }

*j-l*. Horns. St. John's. From Mr. Argent's Collection.

*m*. Skull. Russia. From the Zoological Society's Collection.

*n*. Skull: female.

*o*. Horns (deformed). Presented by the Earl of Enniskillen.

## TARANDUS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

The REIN DEER. *Tarandus rangifer*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 189. tab. 26. figs. 2 & 3, tab. 27. fig. 2 (skull and horns), 1852.

*Cervus tarandus*, *Schreb.*, Säugth. tab. 248*a, c, d*.

Renne, *Buff.*, Hist. Nat. xii. tab. 10, 11 (horns), 12 (skeleton).—*Cur.*, Oss. Foss. iv. p. 61. tab. 4. figs. 1-18, tab. 5. fig. 47 (skull,  $\frac{1}{4}$ th).—

*Richardson*, Faun. Bor.-Amer. p. 241. pl. (horns), 1829.

*Cervus rangifer*, *Klein*, Quad. tab. 1 (horns).—*Richardson*, Voy. of

- the Herald, pl. 22 (feet), pl. 23 (skull, with horns).—*D'Alton*, *Vergl. Osteol.* pl. 4 (skeleton).  
*Rangifer groenlandicus*, *Baird*, *Mamm. N. America*, p. 635. figs. 7, 8 (horns).  
*Rangifer caribou*, *Baird*, *Mamm. N. America*, p. 633. figs. 3-6 (horns), 1859.

Cervical vertebræ.....	7
Dorsal .....	14
Lumbar .....	5
Sacral .....	4
Caudal .....	(imperfect).

- a.* Skeleton. Presented by Sir T. M. Wilson, Bart.  
*b.* Skull (large): horns (small); slender branches small subulate, middle branch largest.  
*c.* Skull and horns (large, long, slender) (*Cuv.*, *Oss. Foss.* iv. tab. 4. fig. 20); no basal branch to right horn.  
*d.* Skull and horns: horns large, long, slender, apex broad, branched behind; no basal branch to right horn.  
*e.* Horns (middle-sized): the lower branch of left elongate, forked; of right horn very broad, palmated. N. America. Presented by Captain Sir John Franklin, R.N.  
*f.* Horns (small); the lower and middle branch of right horn confluent, palmated. N. America. Presented by Captain Sir John Franklin, R.N.  
*g.* Horns (large) (*Cuv.*, *Oss. Foss.* iv. tab. 4. fig. 17): basal branch of left horn large, palmated; of right smaller, lobed.  
*h.* Horns (large) (*Cuv.*, *Oss. Foss.* iv. tab. 4. fig. 9): basal branch of left horn very large, palmated; of right simple, subulate. Siberia?  
*i.* Horns (long, elongated, slender, erect; lower branches elongate lobed, top broad-lobed).  
*j.* Horn (middle-sized) (*Cuv.*, *Oss. Foss.* iv. tab. 4. fig. 8): lower branch of left horn simple; of right broad, palmated. N. America. Presented by Captain Sir John Franklin, R.N.  
*k.* Horns (large, long, slender; upper back branches recurved). N. America. Presented by Captain Sir John Franklin, R.N.  
*l.* Horns (large, long, slender) (*Cuv.*, *Oss. Foss.* iv. tab. 4. fig. 13). Presented by Captain Sir John Franklin, R.N.  
*m.* Horns (very small); basal branch subulate, upper and medial branch bifid.  
*n.* Horns (large), with the basal branch of each horn dilated, palmated (*Cuv.*, *Oss. Foss.* iv. tab. 4. fig. 17). From Mr. Brookes's Museum.  
*o.* Horns of the year (*Cuv.*, *Oss. Foss.* iv. tab. 4. fig. 1). Knowsley. Presented by the Earl of Derby.  
*p.* Horns of the year.  
*q.* Horns (very large), with the head stuffed. Newfoundland.  
*r-v.* Horns. N.W. coast of America. Presented by Lieut. Wood and Captain Kellett.  
*w.* Skeleton. From Dr. J. Rae's Collection.



## CERVUS.

Teeth :—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{1-1}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =34.

The WAPITI. *Cervus canadensis*.

*Baird*, Mamm. N. America, p. 641. fig. 11 (horns), 1859.

Cerf du Canada, *Buff.*, Hist. Nat. v. tab. 26.—*Cuv.*, Oss. Foss. iv. tab. 3. figs. 13, 17-20, 22.

Cerf, *Perrault*, Anim. ii. 65. 45.

*Cervus stronglyloceros*, *Schreb.*, Säugth. tab. 247g.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	(imperfect).

- a. Horns (large). San Diego, California. Presented by C. Pentland, Esq.
- b. Horns (long); two lower branches near together. N. America.
- c. Horns (small); two lower branches rather near. N. America.
- d. Horns (large); beams without the upper frontal branches; the tip of right horn subpalmate (perhaps a different species).
- e. Skeleton. From the Zoological Society's Collection.

THE STAG or RED DEER. *Cervus elaphus*.

*Linn.*, Syst. Nat. i. p. 93.—*Pander und D'Alton*, Vergl. Osteol. pl. 5E (skull).

Cerf, *Buff.*, Hist. Nat. vi. tab. 13, 14, 18-25.—*Cuv.*, Oss. Foss. iv. tab. 2. figs. 11-20, tab. 3. figs. 1-12 (horns).—*Blasius*, Faun. Wirb. Deutschl. p. 439. fig. 233 (horns, adult), figs. 234, 235 (horns, young and adult), 1857.

*Var.*? Hungarian Stag, *Blyth*, Journ. Asiat. Soc. Bengal, 1841, p. 750. tab. fig. 11 (horns).

*Var.*? Half-fed specimens:—

Cerf de Corse, *Buff.*, Hist. Nat. vi. p. 138. pl. 18 (skeleton), pls. 20-25 (horns).—*Cuv.*, Oss. Foss. iv. p. 53.

*Cervus elaphus corsicanus*, *Erxl.*, from *Buffon*.

*Elaphus corsicanus*, *J. Brookes*, Cat. Mus. p. 61.

*Cervus mediterraneus*, "*Blainv.*," *Pucheran*, Comptes Rendus, 1849, p. 779.

*Cervus corsicus*, *Bonaparte*, *Gervais*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	(imperfect).

- a. Horns, with two frontal antlers. England.
- b. Horns: left divided into four long cylindrical branches; right with two frontal antlers, tip subpalmate (perhaps of *C. canadensis*?).

- c, d.* Horns (deformed). Germany.  
*e.* Horns, with a third horn on the right side. Germany.  
*f.* Single horn; apex much branched. Germany.  
*g, h.* Single horns: adult. Germany.  
*i.* Single horn (deformed), with only three branches. Germany.  
*j.* Single horn; simple, compressed, notched at the tip. Germany.  
*k.* Single deformed stunted horn. Germany.  
*l.* Skull and horns. Presented by the Earl of Derby.  
*m.* Skull. England.  
*n.* Skeleton. From the Zoological Society's Collection.  
*o.* Skull: female. S. Germany. From Dr. A. Günther's Collection.  
*p.* Horns.  
*q.* Horns (partly fossil). England. Presented by Jabez Allies, Esq.  
*r.* Single antler. Asia Minor. Presented by Lord Arthur Hay.  
*s.* Single antler (very large). Crimea.

THE BARBARY DEER. *Cervus barbarus.*

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	11

- a.* Skeleton: female. N. Africa. From the Zoological Society's Collection.  
*b.* Horns. Tunis. From an animal that died in the Zoological Gardens.

THE BARA SINGA or MORL. *Cervus wallichii.*

*Cuv., Oss. Foss. iv. p. 50.—Gray, Cat. Mamm. Brit. Mus. pt. iii. p. 198. tab. 27. fig. 3 (horns), tab. 28. fig. 1 (skull), 1852.*

- a, b.* Skulls of male and female. Cashmere. Presented by H. Falconer, M.D.—*Cervus casperianus*, Falconer, MSS.; Gray, Ost. Cat. Brit. Mus. p. 147.

THE SAUL FOREST STAG. *Cervus affinis.*

*Hodgson, Journ. Asiat. Soc. Bengal, 1841, x. p. 721. tab. fig. 1. 914.*

- a.* Pair of horns (very large size). Nepal. Presented by B. H. Hodgson, Esq.  
*b.* Pair of horns. India. Presented by Dr. Campbell.  
*c.* Skull: female. From the Zoological Society's Collection.

THE SIKKA. *Cervus sika.*

*Schlegel, Fauna Japonica, tab. 17 (skull).*

## PANOLIA.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{1-1}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 34.

The ROUND-HORNED PANOLIA or SUNGNAL. *Panolia eldii*.

Gray, Cat. Mamm. Brit. Mus. pt. iii. p. 202. pl. 29. figs. 1, 2 (skull), pl. 30. fig. 2 (horns), 1852.

- a. Horns. India.
- b. A large pair of horns; cylindrical, and with two small snags near the tip.
- c. A smaller pair of horns; rather compressed, and with one large and two short snags near the tip.
- d. Skull and horns, with one large and one small snag near the tip. India.
- e. Skull and horns, with one large and two small snags near the tip. India.
- f. Skull and horns, with one small snag near the tip. India.
- g. Horns. India. From Mr. Warwick's Collection.
- h. Horn.—*Panolia platyceros*, Gray, Ost. Cat. Brit. Mus. p. 66, 1847
- i. Horns (very fine). India. From Mr. Stevens's sale.
- j. Horns.
- k, l. Single horns. } Nepal. Presented by B. H. Hodgson, Esq.

## RECERVUS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{1-1}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 34.

The BAIHRAINOA. *Recervus duvaucellii*.

Gray, Cat. Mamm. Brit. Mus. pt. iii. p. 204. pl. 29. figs. 3, 4 (skull), pl. 30. fig. 3 (horns), 1852.

*Cervus duvaucellii*, *Cuv.*, Oss. Foss. iv. p. 505. tab. 39. figs. 6-8 (horns).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	11 or 12

- a, b. Skulls, with horns.
- c. Skull: female.
- d. Skull. Presented by the Earl of Derby.
- e. Skull and horns.
- f, g. Separate horns. Presented by B. H. Hodgson, Esq.
- h. Skeleton. From the Zoological Society's Collection.

## RUSA.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{1-1}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 34.

The SAMBUR DEER. *Rusa aristotelis*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 205. pl. 31. figs. 1, 2 (skull), pl. 30. fig. 4 (horns), 1852.

*Cervus aristotelis*, *Cuv.*, Oss. Foss. iv. p. 509. tab. 39. fig. 10 (horns).

- a. Single horn. India. Exeter Change Menagerie. Presented by Edward Cross, Esq.
- b. Horns on frontal bone. India.
- c. Two single horns; upper branches more equal. India.
- d. Horns on frontal bone; like the last, but thicker, heavier, and more granular.
- e. Horns on frontal bone; like the last, but the left horn has a large posterior branch at the fork.
- f. Horns on frontal bone; like the last, but rather smaller, hinder branch of fork longest, the left one with a posterior branch in the middle. India. Presented by Mrs. Wright.
- g. Horns of frontal bone; like the last, but larger and without posterior branch.
- h. Horns of frontal bone, one-third smaller.
- i. Single horn, simple. From a castrated animal?
- j. Head and horns, with skin. India. Presented by Edward Cross, Esq.
- k. Head of female. Himalaya.
- l. Skull of young male.
- m. Skull of adult female.
- n. Skull of young female.
- o. Brocket horns on frontal.
- p, q, r. Three pairs of horns, second year.
- s. Single horn of the first year.
- t. Horns on frontal bone; hinder upper branch turned back.
- u. Horns; very long, thick, with very short thick frontal and sub-medial branch on one.
- v. Horns; apex forked. Himalaya. Presented by the Rev. R. Everest.
- w. Horns on frontal bone; apex simple. India.
- x. A pair of horns.
- y. A pair of very large thick horns, with rather long frontal snag; the left with a large posterior process.
- z. A pair of very large thick horns, with rather long frontal snag.
- a<sup>2</sup>-c<sup>2</sup>. Three pairs of large horns, with moderate frontal, small; the hinder upper snag rather the longest.
- d<sup>2</sup>. A pair of similar but rather slenderer and more elongate horns.
- e<sup>2</sup>. A pair of large horns, rather close together, with rather elongated frontal snag; the front upper snag rather the longest.
- f<sup>2</sup>. A pair of large horns, with very long frontal snags; the upper snag rather the longest.
- g<sup>2</sup>. A pair of horns: the right like the former; the left quite simple, subulate.

Nepal. Presented by  
B. H. Hodgson, Esq.

India.  
Presented  
by B. H.  
Hodgson,  
Esq.

- $h^2$ . A pair of horns; one with a moderate and the other } India.  
 with a long frontal snag, the upper snag nearly } Presented  
 equal. } by B. H.  
 $i^2$ . A pair of rather slender more elongate horns, with } Hodgson,  
 moderate frontal and short upper snags. } Esq.  
 $j^2$ . A pair of horns; the beam not branched.

Var. Kâlo Jarai (*Cervus heterocerus*):—

- $h^2$ . A pair of horns. India. Presented by B. H. Hodgson, Esq.  
 $l^2$ . Skeleton.  
 $m^2$ . Skeleton: male.  
 $n^2$ . Skull: adult.  
 $o^2, p^2$ . Skulls: female.  
 $*q^2$ . Skull: male. Ceylon. From the Zoological Society's Collection.  
 $r^2$ . Skull, with horns. India. Presented by B. H. Hodgson, Esq.  
 $s^2$ . Horns (very fine). } Himalaya Mountains. Collected by  
 $t^2$ . Horns. } the author of "Hunting in the  
 $u^2$ . Single horn (very large). } Himalaya."  
 $v^2$ . Horns. Nepal. Presented by B. H. Hodgson, Esq.

#### The MIJANGAN BANJOE. *Rusa hippelaphus*.

- Cervus hippelaphus*, *Cuv.*, Oss. Foss. iv. tab. 5. figs. 31, 34, 42.  
*Cervus leschenaultii*, *Cuv.*, Oss. Foss. iv. p. 508. tab. 39. fig. 9 (from  
 horns only).  
*Rusa timorensis*, *S. Müller*, Verh. tab. 45. fig. 6 (horns).  
*Rusa moluccensis*, *S. Müller*, Verh. tab. 45. fig. 5 (horns).

#### The SAMBOE. *Rusa equinus*.

- Cervus equinus*, *Cuv.*, Oss. Foss. iv. tab. 5. figs. 30, 42.—*S. Müller*,  
 Verh. tab. 45. figs. 7-11 (skull and horns).

#### The SMALLER RUSA. *Rusa peronii*.

- Cervus peronii*, *Cuv.*, Oss. Foss. iv. p. 46. tab. 5. fig. 41 (horns), fig. 45  
 (skull).  
*Cervus kuhlii*, *S. Müller*, Verh. tab. 45. figs. 12-14 (skull and horns).

*a*. Femur and tibia. Timor.

#### The PHILIPPINE RUSA. *Rusa philippinus*.

- Cerf de Manille, *Cuv.*, Oss. Foss. iv. p. 46.  
*Cervus marianus*, *Cuv.*, Oss. Foss. iv. p. 45. tab. 5. figs. 30, 37, 38, 46  
 (skull).

*a*. Horns. Philippines. Presented by Captain Sir Edward Belcher,  
 K.C.B. &c.

#### AXIS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{1-1}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 34.

The AXIS, CHITTRA, or CHAATUL. *Axis maculata*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 212. tab. 31. figs. 3, 4 (skull), 1852.

*Axis*, *Buff.*, Hist. Nat. xi. tab. 40.—*Cuv.*, Oss. Foss. iv. p. 38. tab. 5. figs. 24-29.

Cerv cochon, *Buff.*, Hist. Nat. Suppl. iii. tab. 18.—*Cuv.*, Oss. Foss. iv. tab. 5. fig. 29.

*Axis*, *Buff.*, Hist. Nat. xi. p. 414. pl. 40 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	13 or 14

*a, b.* Horns on frontal bone, slender, elongate, warty. India.

*c.* Horns on frontal bone, slender, elongate, simple. India.

*d.* Skull and horns of the normal state.

*e.* Horns of the usual form, with two snags near the base of the right and one on the left side.

*f.* Horns, with three small snags near the base and a short terminal beam.

*g.* Horns on frontal bone, elongate and very warty.

*h.* Skull and horns. India.

*i-k.* Horns on frontal bone. India.

*l.* Horns on frontal bone, smooth. India.

*m.* Horns on frontal bone, very warty. India.

*n.* Horns on frontal bone, with two snags near the base of the left and one on the right side. Nepal. Presented by B. H. Hodgson, Esq.

*o.* Horns on frontal bone.

*p.* Horns on frontal bone. Nepal. Presented by B. H. Hodgson, Esq.

*q.* Skeleton.

*r.* Skull.

*s.* Skeleton: male.

*t.* Skull: male. S. Germany (introduced). From Dr. A. Günther's Collection.

Nepal.  
Presented by  
B. H. Hodgson,  
Esq.

From the Zoological Society's Collection.

## HYELAPHUS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{1-1}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =34.

The LUGNA, PARR, or SHGARIAR. *Hyelaphus porcinus*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 215. tab. 32. fig. 1 (skull), 1852.

Porcine Deer, *Pennant*, Hist. Quad. tab. 19. no. 59.

*Cervus niger*, *Blainv.*, Bull. Soc. Phil. 1816, p. 76. fig.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13

Lumbar vertebræ . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	

- a.* Skull of the female. }  
*b.* Skull, with horns. } Nepal. Presented by B. H. Hodgson, Esq.  
*c.* Horns (separate). }  
*d, e.* Skulls, with horns. India.  
*f.* Horns on frontal bone. India.  
*g-i.* Horns (separate). India. Presented by General Hardwicke.  
*j.* Two horns (single), not forked at the tip.  
*k.* Skull and horns: var. frontal snag elongated and thick.  
*l-o.* Four pairs of horns. India. From Mr. Argent's Collection.  
*p.* Skull.  
*q.* Skull: female. Darjeeling. Presented by Professor Oldham.  
*r.* Skull. }  
*s.* Skeleton: old female. Ceylon. } From the Zoological Society's Collection.

### CERVULUS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{1-1}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 34.

The KIJANG or MUNTJAC, KAKER or BARKING DEER.

#### Cervulus vaginalis.

- Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 217.  
 Muntjacus vaginalis, *Horsfield*, Zool. Researches in Java, *a, b* (skull).  
 Muntjack of Sumatra, *H. Smith* in Griff. A. K. iv. tab. 164. fig. 7  
 (jun.), tab. 175 (adult ♂).  
 Muntjack of Java, *H. Smith* in Griff. A. K. iv. tab. 164. fig. 9 (male).

The KEKAN or KAKER. **Cervulus moschatus.**

- Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 217. tab. 32. fig. 2.  
 Chevreuil des Indes, *Buff.*, Supp. iii. tab. 36.—*Cuv.*, Oss. Foss. iv.  
 tab. 3. figs. 49-53, tab. 5. fig. 48.  
 Cervus moschatus, *Blainv.*, Bull. Soc. Phil. 1816, p. 77.—*Schreb.*,  
 Mamm. tab. 254B. fig. 1.  
 Cervus muntjac, *Pander und D'Alton*, Vergl. Osteol. pl. 8 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	12 or 13

- a.* Head and horns of male. Northern Circars.  
*b.* Head and horns of male. Deccan. Presented by Colonel Sykes,  
 F.R.S.  
*c.* Skull and horns. Nepal. Northern Circars.  
*d.* Skull and horns. Nepal. Presented by B. H. Hodgson, Esq.  
*e.* Base of skull and horns. Nepal.  
*f.* Skull.





## CAPREOLUS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The ROEBUCK. *Capreolus capræa*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 221. tab. 34. fig. 5 (skull), 1852.

*Cervus capreolus*, *Pander u. D'Alton*, Vergl. Osteol. pl. 5 F (skull).—*Spir*, Cephalog. tab. 8. fig. 3 (skull).

*Chevreuil*, *Buff.*, Hist. Nat. vi. tab. 35 (skeleton), tab. 36, 37 (horns).

—*Cuv.*, Oss. Foss. iv. p. 47. tab. 3. figs. 37, 40 (horns).—*Gay & Gervais*, Ann. Sci. Nat. 1846, p. 93.

*Capreolus capreolus*, *Blasius*, Faun. Wirb. Deutschl. p. 457. fig. 238 (horns, adult), fig. 239 (horns, young and adult), 1857.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	5
Caudal . . . . .	(imperfect).

a. Horns: adult. Scotland.

b. Horns: second year. Scotland.

c. Single horns. Scotland.

d. Base of skull of adult, with horns. Scotland. Presented by General Hardwicke.

e. Horns on skull (diseased), very warty. Scotland. Presented by Lord Willoughby d'Eresby.

f. Skull: female.

g. Skull. From Mr. Argent's Collection.

h. Horns.

i. Horns: young.

j. Skeleton. From the Zoological Society's Collection.

k. Skull: male.

l, m. Skulls: female. } S. Germany. From Dr. A. Günther's Col-  
n. Skull: young male. } lection.

o. Skull, with horns, which are very much developed and warty. From the Zoological Society's Collection.

p. Skull: half-grown.

## BLASTOCERUS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The MAZAME or GUAZUTI. *Blastocerus campestris*.

*Cervus campestris*, *F. Cuv.* in D'Orb., Voy. pl. 20. fig. 2 (horns).—*Darwin*, Voy. of the Beagle, p. 29. figs. 1-4 (horns, young and adult).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6

Sacral vertebrae . . . . .	4
Caudal . . . . .	13

- a.* Frontal bone and horns. Northern Patagonia. From the Haslar Hospital Museum (Captain Fitzroy's Expedition).  
*b.* Skull, with horns. Columbia. From M. Parzudaki's Collection.  
*c.* Skeleton (imperfect).  
*d, e.* Skulls. } La Plata. From M. Bravard's Col-  
*f-i.* Horns: adult and young. } lection.  
*j.* Skeleton: female. S. America. From the Zoological Society's Collection.

The **GUAZUPUCO**. *Blastocerus paludosus*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 224, 1852.

- a.* Horns. S. America?

**FURCIFER.**

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

The **TARUSH** or **TARUGA**. *Furcifer antisiensis*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 226, 1852.

*Cervus antisiensis*, *D'Orb.*, Voy. Amér. Mérid. tab. 20. fig. 1.

- a.* Skull. From the Zoological Society's Collection.

The **GUEMUL**. *Furcifer huamel*.

*Gay & Gervais*, Ann. Sci. Nat. 1846, p. 91 (skull).

*Furcifer* — ?

- a, b.* Skulls. From the Zoological Society's Collection.

**CARIACUS.**

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

The **AMERICAN DEER**. *Cariacus virginianus*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. tab. 33. figs. 2, 3 (skull), tab. 34. fig. 4 (horns).

Chevreuil d'Amérique, *Buff.*, Hist. Nat. vi. tab. 37.—*Cuv.*, Oss. Foss. iv. tab. 5. figs. 19-22.

Cariacou, *Buff.*, Hist. Nat. xii. p. 356. tab. 45 (skeleton).

Cerf de la Louisiane, *Cuv.*, Oss. Foss. iv. p. 33. tab. 5. figs. 1-16.—

*Dale*, Phil. Trans. 1735, no. 444. fig.

Virginian Deer, *Penn.*, Hist. Quad. tab. 20. fig. 2.

*Cervus virginianus*, *Licht.*, Akad. Wissenschaft. Berlin, 1857, pl. figs. 1-11 (horns).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	

- a.* Horns of young, simple. N. America.  
*b.* Horns of adult, moderate-sized, with two branches on upper edge of beam. N. America.  
*c.* Horns of adult, large, with three branches on upper edge of beam;  
*d.* Horns, larger and thicker, with five branches on upper edge of beam; inner basal branch very long and forked.  
*e.* Horns, very large, with many branches on upper edge of beam; inner basal branch thick and forked. Mexico. From the Royal Society's Museum.—*Cervus mexicanus*.  
*f.* Single horn, like the preceding one, but the anterior basal branch very long, produced, and an additional elongate branch from the lower edge of the middle of the beam.—*Cervus mexicanus* (Mexican Deer, *Penn.*, Syn. 110. tab. 9. fig. 1; H. Smith, in Griff. Anim. Kingd. iv. tab. 163. fig. 3).  
*g.* Single horn, with the upper branches on the beam rather irregular, and three produced and elongate forked branches from the lower edge of the upper part of the beam.—*Cervus clavatus*, H. Smith, in Griff. Anim. Kingd. iv. tab. 163. fig. 4?  
*h.* Skeleton. Knowsley. Presented by the Earl of Derby.  
*i.* Horns. Hudson's Bay. Presented by the Hudson's Bay Company.  
*j-p.* Seven pairs of horns.  
*q.* Skeletons.  
*r.* Skeleton: male. From the Zoological Society's Collection.  
*\*s.* Skull: young. S. America. Presented by the Earl of Derby.  
*t, u.* Skulls.

#### The BLACK-TAILED DEER. *Cariacus lewisii*.

*Cervus richardsonii*, *Licht.*, Akad. Wissenschaft. Berlin, 1856, p. 286 pl. fig. 12 (horns).

- a, b.* Skulls: male and female. Columbia River. Presented by the Hudson's Bay Company.

#### *Cariacus gymnotus*.

*Cervus gymnotus*, *Pucheran*, Monog. of Cervus, Archives du Muséum, vi. p. 363. pl. 23. figs. 2-10 (horns), pl. 25 (animal), 1852.

- a, b.* Horns of adult. Vera Cruz. From M. Sallé's Collection.  
*c.* Skull.  
*d.* Horns of adult.  
*e-g.* A series of horns.  
*h-j.* Horns of the young. } Oaxaca, S. Mexico, "11,000 feet high."

The LONG-TAILED DEER. *Cariacus leucurus*.

*a, b.* Skulls. Hudson's Bay. Presented by the Hudson's Bay Company.

## COASSUS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

The CUGUACU-ETE. *Coassus rufus*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 238. tab. 35. fig. 4 (skull), 1852.  
*Cervus rufus*, *Cuv.*, Oss. Foss. iv. tab. 3. figs. 41, 42 (horns), tab. 5. fig. 44 (skull).

Cervical vertebræ.....	7
Dorsal .....	13
Lumbar .....	6
Sacral .....	3
Caudal .....	10 (imperfect).

*a.* Skeleton: male. From Mr. Brandt's Collection.

*b.* Skull: female. Para, S. America. Presented by R. Graham, Esq.

*c.* Skull of young female. S. America.

*d.* Horns on frontal bone. Presented by Manuel Velez, Esq.

The CUGUACU-APARA. *Coassus nemorivagus*.

*Cervus nemorivagus*, *Cuv.*, Oss. Foss. iv. p. 54. tab. 5. fig. 50.

*a.* Skull. Brazils.

*Coassus simplicicornis*.

*a.* Skull. Bahia.

*b.* Skull: young. Surinam. From Dr. A. Günther's Collection.

## PUDU.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =32.

The VENADA. *Pudu humilis*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 240. tab. 36. fig. 1 (skull), 1852.  
*Cervus chilensis*, *Gay*, Hist. de Chili, pl. 10. fig. 2 (skull), fig. 3 (dentition).

\**a.* Skull: female. From the specimen described by Mr. Bennett under the name of *Cervus humilis* (Proc. Zool. Soc. 1831, p. 27).

## MOSCHUS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{1-1}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =34.

The MUSK. *Moschus moschiferus*.

- a.* Skull of male. Nepal.  
*b.* Skull of female. Nepal.  
*c-e.* Skeleton, wanting bones of feet.  
*f.* Skull. Nepal.  
*g.* Skull.  
*h.* Skull. Karhui. Presented by Professor Oldham.
- } Presented by B. H. Hodgson,  
Esq.

The KUBARGA or SIBERIAN MUSK. *Moschus sibiricus*.

- a, b.* Skulls of male and female. Siberia. From the Museum of the Imperial Academy of Natural Sciences of St. Petersburg.

The GOLDEN-EYED MUSK. *Moschus chrysogaster*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 245. tab. 25. fig. 1 (skull), 1852.

- a, b.* Skulls. Presented by B. H. Hodgson, Esq.

## MEMINNA.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{1-1}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 34.

The MEMINNA or PISSAY. *Meminna indica*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 246. tab. 24. fig. 3 (skull), 1852.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	

\**a.* Skull of adult. India.—The specimen figured in Cat. Mamm. Brit. Mus. pt. iii. 1852.

\**b.* Bones of the body.

*c.* Skeleton. From the Zoological Society's Collection.

## HYEMOSCHUS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{1-1}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 34.

The BOOMORAH. *Hyemoschus aquaticus*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 248. tab. 25. fig. 2 (skull), 1852.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13

Lumbar vertebræ . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	(imperfect).

- \**a.* Skull. Sierra Leone. Presented by the Earl of Derby.—The specimen described in Ann. & Mag. Nat. Hist. xvi. p. 350, 1845.
- \**b.* Skull and scapular. Sierra Leone. Presented by the Earl of Derby.
- c.* Skeleton. Sierra Leone. From Mr. Whitfield's Collection.
- d.* Skull, and the limbs. Gambia. Presented by the Earl of Derby.
- e.* Skeleton, mounted. } Gambia. From the Zoological Society's Col-  
*f.* Skull. } lection.

### TRAGULUS.

Teeth:—Incisors  $\frac{0-0}{4-4}$ ; Canines  $\frac{1-1}{0-0}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; =34.

#### The STANLEY MUSK. *Tragulus stanleyanus*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 249. tab. 25, fig. 3 (skull), 1852.

- \**a.* Skull. Presented by the Earl of Derby.—The specimen figured.

#### The NAPU. *Tragulus javanicus*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	13

- a.* Skeleton. From Mr. Warwick's Collection.

#### The KANCHIL. *Tragulus pygmæus*.

*a-d.* Skulls.

- e.* Skull. India. Presented by Professor Oldham.

### CAMELUS.

Teeth:—Incisors  $\frac{1-1}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; =34.

#### The DROMEDARY. *Camelus arabicus*.

*Camelus dromedarius*, *Pander und D'Alton*, Vergl. Osteol., Riesenfaulth. pl. 3 (skeleton).—*Orr's Circle of the Sciences*, iii. p. 376 (skeleton).—*Blainv.*, Ostéog. G. Camelus, pl. 1 (skeleton), pl. 3 (skull), pl. 4 (parts of skeleton).

Dromadaire, *Buff.*, Hist. Nat. xi. p. 276. pl. 21 (skeleton).

Cervical vertebræ.....	7
Dorsal .....	12
Lumbar .....	7
Sacral .....	4
Caudal .....	(imperfect).

*a.* Skull. From Dr. Mantell's Collection.

\**b.* Skull.

*c.* Skeleton. N. Africa. From Mr. Fraser's Collection.

#### THE CAMEL. *Camelus bactrianus.*

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 253. tab. 23. figs. 3, 4 (skull), 1852.

*Chameau*, *Buff.*, Hist. Nat. xi. p. 276. pl. 24 (skeleton).—*D'Alton*, Vergl. Osteol. pl. 8 *a* (skull).—*Blainv.*, Ostéog. G. Camelus, pl. 3 (skull), pls. 4, 5 (parts of skeleton).—*F. Cur.*, Dents des Mamm. p. 227 (dentition).

Cervical vertebræ.....	7
Dorsal .....	12
Lumbar .....	7
Sacral .....	4
Caudal .....	16 or 17

*a.* Skeleton. Persia.

#### LLAMA.

Teeth :—Incisors  $\frac{1-1}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{1-1}$ ; Molars  $\frac{3-3}{3-3}$ ; = 30.

#### THE GUANACO. *Llama guanacus.*

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 257. tab. 24. fig. 1 (skull), 1852.  
*Auchenia lama*, *Brandt*, Mém. Acad. St. Pétersb. 1845, iv. p. 1. pl. 1. figs. 1, 2 (skull).

*a.* Skeleton. Chili.

*b.* Skull. Chili. From Mr. Bridges' Collection.

*c, d.* Skulls. Chili.

*e.* Skull: young. From the Zoological Society's Collection.

#### THE ALPACA. *Llama pacos.*

Cervical vertebræ.....	7
Dorsal .....	12
Lumbar .....	7
Sacral .....	4
Caudal .....	16

\**a.* Skull. S. America. Presented by W. Danston, Esq.

- b. Skull : very young (from a black variety). From Mr. Bartlett's Collection.  
 c. Skeleton : male (black). }  
 d. Skull. } From the Zoological Society's Collection.

The LLAMA or YAMMA. **Llama glama.**

Camelus lama ♂, *Blainv.*, Ostéog. G. Camelus, pl. 2 (skeleton), pl. 3 (skulls).

The VICUGNA. **Llama vicugna.**

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 256. tab. 24. fig. 2 (skull), 1852.  
 Camelus vicugna, *Blainv.*, Ostéog. pl. 3 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	7
Sacral . . . . .	4
Caudal . . . . .	18

- a. Skull : male. }  
 b. Skull : female. } Bolivia. From Mr. Bridges' Collection.  
 c. Skeleton : male. } From the Zoological Society's Collection.

Fam. 2. EQUIDÆ.

EQUUS.

Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 40.

The HORSE. **Equus caballus.**

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 266. tab. 37. fig. 1 (skull), 1852.—*Spix*, Cephalog. tab. 8. fig. 7 (skull).—*Blasius*, Faun. Wirb. Deutschl. p. 502. fig. 273 (skull), 1857.—*Orr's Circle of the Sciences*, i. p. 232. fig. 28 (skeleton), p. 243. fig. 35 (foot), 1854.—*Blainv.*, Ostéog. G. Equus, pl. 1 (skeleton, male), pl. 2 (skull).—*Cuv.*, Anat. Comp. v. pl. 13. fig. 3 (bones of the fore-arm), 1805.  
*Cheval, Buff.*, Hist. Nat. iv. p. 366. pl. 10 (skeleton).

- a. Skull.  
 b. Skull, larger.  
 c. Skull of an English Horse. Presented by B. H. Hodgson, Esq.  
 d. Pelvis. From Dr. Mantell's Collection.  
 e. Skull : young.  
 f. Skeleton.  
 g. Skeleton. }  
 h. Skeleton. "Pony." } Purchased at Mr. Stevens's sale.



**ASINUS.**The DOMESTIC ASS. **Asinus vulgaris.**

*Equus asinus*, *Blainv.*, Ostéog. G. *Equus*, pl. 2 (skull).  
*Asne*, *Buff.*, Hist. Nat. iv. p. 432. pl. 13 (skeleton).

- a. Skull.  
 b. Skeleton.  
 c. Skull. "Russian Ass." From the Zoological Society's Collection.  
 d. Skull. From Mr. Argent's Collection.  
 ? e. Skull: probably an hybrid. From the Zoological Society's Collection.

The ZEBRA. **Asinus zebra.**

*Equus zebra*, *Blainv.*, Ostéog. G. *Equus*, pl. 3. (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	18
Lumbar . . . . .	5
Sacral . . . . .	5
Caudal . . . . .	17

- \*a. Skeleton. S. Africa.  
 b. Skull. S. Africa.  
 c. Skull of male. Between Zebra and Ass.  
 \*d. Skull. S. Africa. Presented by the Earl of Derby.  
 \*e. Skull. Between Zebra and common Donkey. From the Zoological Society's Collection.  
 f. Skull. From Mr. Argent's Collection.

The QUAGGA. **Asinus quagga.**

*Equus quagga*, *Blainv.*, Ostéog. G. *Equus*, pl. 3 (skull).

BURCHELL'S ZEBRA. **Asinus burchellii.**

*Equus burchellii*, *Blainv.*, Ostéog. G. *Equus*, pl. 3 (skeleton, female), pl. 4 (parts of skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	16
Lumbar . . . . .	6
Sacral . . . . .	5
Caudal . . . . .	11 (imperfect).

- a. Skull: female. Caffraria. From M. Sundevall's Collection.  
 b. Skeleton.  
 c. Skull: male.

The KOULAN or WILD ASS. **Asinus onager.**

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 269, 1852.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	18

Lumbar vertebræ . . . . .	5
Sacral . . . . .	5
Caudal . . . . .	

\**a.* Skull and bones of body. Asia. Presented by the Earl of Derby.

#### The KIANG. *Asinus hemionus*.

*Gray*, Cat. Mamm. Brit. Mus. pt. iii. p. 272. tab. 37. fig. 2 (skull), 1852.  
*Equus hemionus*, *Blainv.*, Ostéog. G. Equus, pl. 2 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	18
Lumbar . . . . .	5
Sacral . . . . .	4
Caudal . . . . .	(imperfect).

*a.* Skull. Thibet. Presented by B. H. Hodgson, Esq.

*b, c.* Skulls. Thibet. Presented by B. H. Hodgson, Esq.—The specimens referred to by Dr. Gray in P. Z. S. 1839.

\**d.* Skull. Thibet, N. of Ladakh. Presented by the Earl of Gifford.

*e.* Skeleton. From Mr. Brandt's Collection.

*f.* Skull. Ladakh. Collected by Capt. R. Strachey. Presented by the East India Company.

*g, h.* Skulls. Nepal. Presented by B. H. Hodgson, Esq.

### Fam. 3. ELEPHANTIDÆ.

#### ELEPHAS.

Teeth :—Incisors  $\frac{2-2}{0-0}$ ; Molars  $\frac{6-6}{6-6}$ ; = 28.

#### The ELEPHANT. *Elephas indicus*.

*Cuv.*, Oss. Foss. i. pl. 1. fig. 1 (skeleton), pls. 2–10 (skulls, &c.).—*Corse's* Memoir, Phil. Trans. 1799, p. 211 (deciduous tusk).—*Blainv.*, Ostéog. G. Elephas, p. 9. pl. 1 (skeleton), pl. 2 (skull), pl. 7 (dentition), pl. 9 (dentition of young).—*Home's* Lect. Comp. Anat. ii. tab. 33. figs. 1–6 (dentition).—*Owen*, Odont. p. 625. pl. 146. figs. 1–6 (dentition); Odontology, Article in Encycl. Brit. p. 475. fig. 141 (last lower grinder), fig. 143 (upper molar).—*Schreb.*, Säugth. vi. pl. 317 c (skull).—*Griffith*, A. K. pl. 148. fig. 1 (teeth).  
*Éléphant*, *Buff.*, Hist. Nat. xi. p. 142. pl. 4 (skeleton), pls. 5 & 6 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	20
Lumbar . . . . .	3
Sacral . . . . .	4
Caudal . . . . .	24

*a, b.* Skulls of Dauntelah and Mooknah varieties. Presented by J. Corse Scott, Esq.—The specimens described by Mr. Corse, Phil. Trans. 1799, ii. p. 205.

- c. Skeleton. India. Presented by Sir Jasper Nichols and General Thomas Hardwicke.  
 d. Tusks. Ceylon. Presented by H.R.H. the Duke of Sussex.  
 e. The base of two tusks. India.  
 f. Skull: half-grown.  
 g, h. Skulls.  
 i. Skull. Meerut, India. Presented by Lieut. G. Campbell.  
 j. Skeleton (disarticulated). From the Zoological Society's Collection.  
 k. Skull: very young.  
 l, m. Teeth.  
 n, o. Teeth. Ceylon. Presented by Dr. J. Davy.  
 p-s. Teeth. India. Presented by H. Lacon, Esq.  
 t, u. Teeth. From Mr. Stevens's sale.  
 v-z. Teeth in various stages of growth.  
 a<sup>2</sup>. Tooth: lower molar, right side.  
 b<sup>2</sup>. Tooth. } India. Presented by J. E. Boileau,  
 c<sup>2</sup>. Section of an upper molar. } Esq.  
 d<sup>2</sup>, e<sup>2</sup>. Sections of teeth.  
 f<sup>2</sup>. Femur of young. Presented by R. Weeks, Esq.

## LOXODONTA.

Teeth:—Incisors  $\frac{2-2}{0-0}$ ; Molars  $\frac{6-6}{6-6}$ ; = 28.

THE AFRICAN ELEPHANT. *Loxodonta africana*.

*Cuv.*, Oss. Foss. i. tab. 2-8.—*Pander und D'Alton*, Vergl. Osteol. tab. 1 (skeleton), tab. 2 (skull and teeth).—*Blainv.*, Ostéog. pl. 3 (skull, female), pl. 7. figs. 1-5 (dentition), pl. 9 (dentition of young).—*Schreb.*, Säugth. vi. pl. 317 c (skull).—*Owen*, Odont. p. 629. pl. 146. fig. 7 (section of a tooth); Odontology, Article in Encycl. Brit. p. 475. fig. 144 (upper molar); *Lect. Comp. Anat.* ii. tab. 36. fig. 7 (teeth).—*Griffith*, A. K. pl. 148. fig. 2 (teeth).

- a. Tooth. S. Africa. Presented by John Lee, LL.D.  
 \*b. Skull: young.—The specimen figured by Dr. Falconer.  
 c. Skull: half-grown (the lower jaw wanting).  
 d. Two tusks.  
 e-g. Teeth.  
 h. Skeleton. S. Africa. Purchased of Mr. Stevens.  
 i. Skull: young. From Mr. Jamrach's Collection.  
 j. Skull (fœtus).  
 k. A deformed tusk. Mozambique. Presented by S. O. Soares, Esq.

## TAPIRUS.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 42.

THE MBOREBI or TAPIRUS. *Tapirus terrestris*.

Tapirs, *Pander und D'Alton*, Vergl. Osteol. pl. 12 h (skull).  
 Tapir d'Amérique, *Cuv.*, Oss. Foss. ii. p. 145. pl. 1 (skeleton), pl. 2,  
 T 2

figs. 1-8 (skull and dentition).—*Wiedemann*, Archiv Zool. ii. pl. 1. fig. 4 (skull).—*Spir*, Cephalog. pl. 7. fig. 20 (skull).

*Tapirus americanus*, *Blainv.*, Ostéog. G. Tapirus, pl. 3 (skull), pl. 4 (parts of skeleton).

*a, b.* Skulls. S. America.

*c.* Skull. S. America. Presented by J. Miers, Esq.

*d.* Skeleton. Brazil. From Mr. Becker's Collection.

*e.* Skull. Demerara. Presented by Sir Robert Schomburgk.

*f.* Skull: half-grown.

*g.* Skull.

#### THE KUDA, AYER, or TENNU. *Tapirus malayanus*.

*Tapirs*, *Pander und D'Alton*, Vergl. Osteol. pl. 10 (skeleton).

*Tapirus indicus*, *Blainv.*, Ostéog. G. Tapirus, pl. 1 (skeleton), pl. 2 (skulls).—*Cuv.*, Oss. Foss. ii. p. 162. pl. 4 (skeleton), pl. 5 (skull).—

*F. Cuv.*, Dents des Mamm. p. 216. no. 88. figs. 1-3 (dentition).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	18
Lumbar . . . . .	5
Sacral . . . . .	5
Caudal . . . . .	12

*a.* Skeleton. Sumatra. From the Zoological Society's Collection.

*b, c.* Skulls.

#### SUS.

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{3-3}{3-3}$ ; = 44.

#### THE BOAR. *Sus scrofa*.

*Cuv.*, Oss. Foss. ii. p. 116. pl. 1, Cochons (skull).—*Blainv.*, Ostéog. G. Sus, pl. 1 (skeleton, male); *Sus scrofa ferus*, S. domesticus, pl. 4 (skulls, male and female); *Sus sinensis*, pl. 5 (skull).—*Owen*, Odont. p. 544. pl. 140. figs. 1, 2 (dentition).

Wild Boar, *Home's* Lect. Comp. Anat. ii. tab. 27. figs. 1-3 (lower jaw, representing the process of shedding the teeth).—*Cuv.*, Anat. Comp. v. pl. 13. fig. 1 (bones of fore-arm), 1805.

Cochon, *Buff.*, Hist. Nat. v. p. 176. pl. 23 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	17 or 18

*a.* Skull. Wild. Xanthus. Presented by Sir Charles Fellows.

*b.* Skull. Domestic var. England.

*c.* Skeleton. From the Zoological Society's Collection.

*d.* Skeleton.

*e.* Skull: young. From Mr. Williams's Collection.

- f, g.* Skulls. From the Zoological Society's Collection.  
*h.* Skull. Africa.  
*i.* Skull. "Wild Sow." From the Zoological Society's Collection.  
*j.* Skull. S. Germany. From Dr. A. Günther's Collection.  
*k.* Skull: young. From the Zoological Society's Collection.  
*l.* Skull (imperfect). Ireland.  
*m.* Skeleton: male. Germany. From the Zoological Society's Collection.

The GAMBIAN HOG. *Sus gambianus.*

- a.* Skull. Gambia.

The CAPE BOAR. *Sus capensis.*

- a.* Skull. S. Africa. From Captain Alexander's Expedition.

The INDIAN WILD BOAR. *Sus indicus.*

*Blainv.*, Ostéog. G. Sus, pl. 5 (skull).

- a.* Skull. India.  
*b.* Skull. Presented by General Hardwicke.  
*c, d.* Skulls of the Wild Boar of the plain, or Taray.  
*e, f.* Skulls of adult.  
*g-j.* A half-grown skull and three young specimens } Presented by  
of the Wild Boar of the hills. } B. H. Hodgson,  
Esq.  
*k.* Skull of adult. Malabar.  
*l-n.* Skulls. India. Presented by Professor Oldham.  
*o.* Skull. India. Presented by T. E. J. Boileau, Esq.  
*p.* Skull.  
*q, r.* Skulls. India. From the Zoological Society's Collection.  
*s-u.* Skulls. Nepal. Presented by B. H. Hodgson, Esq.  
*v.* Skull. Neilgherries. From Mr. Turner's Collection.—*Sus affinis*,  
Gray, Ost. Cat. p. 71, 1847.  
*w.* Skull: young. Presented by B. H. Hodgson, Esq.  
*x.* Skull. From the Zoological Society's Collection.  
*y.* Skull. India. Presented by G. H. Money, Esq.

*Sus vittatus.*

*Müller*, S. Verh. Nat. Gesch. p. 175. pl. 32. figs. 5, 6 (skull).—*Blainv.*,  
Ostéog. G. Sus, pl. 5 (skull).

- a.* Skull. Borneo.  
*b.* Skull. Java.  
*c, d.* Skulls. Amboyna.  
*e.* Skull: young. Macassar. } From Mr. Wallace's Collection.

**Sus verrucosus.**

*Müller*, S. Verh. Nat. Gesch. p. 175. pl. 32. figs. 1-4 (skulls).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	4
Caudal . . . . .	20

- a.* Skull: adult. Borneo. Collected by J. Brooke, Esq.  
*b.* Skull: young. Borneo. Presented by Captain Sir E. Belcher, K.C.B.  
*c.* Skull. Java.  
*d.* Skull. Ceram. From Mr. Wallace's Collection.  
*e.* Skeleton: male. From the Zoological Society's Collection.

**Sus timorensis.**

*Müller*, S. Verh. Nat. Gesch. p. 178. pl. 31. figs. 2, 3 (skull).

**Sus barbatus.**

*Müller*, S. Verh. Nat. Gesch. p. 179. pl. 31. figs. 4, 5 (skull).

**Sus celebensis.**

*Müller*, S. Verh. Nat. Gesch. p. 177. pl. 28. figs. 2, 3 (skull).

The JAPANESE MASKED PIG. **Sus (Gyrosus) pliciceps.**

*Bartlett*, Proc. Zool. Soc. 1861, p. 263 (head).—*Gray*, Proc. Zool. Soc. Jan. 1862 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	23

- a.* Skeleton. Japan. Purchased of Mr. Bartlett.

**PORCULA.**

Teeth:—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{3-3}{3-3}$ ; = 44.

The PIGMY HOG. **Porcula salvania.**

- a.* Skull. Saul Forest, India. } Presented by B. H. Hodgson, Esq.  
*b.* Skull (imperfect). }

**BABIRUSSA.**

Teeth:—Incisors  $\frac{2-2}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 34.

The BABIRUSSA. *Babirussa alfurus*.

*Sus babirussa*, *Blainv.*, Ostéog. G. Sus, pl. 2 (skeleton, male), pl. 5 (skull), pl. 6 (parts of skeleton).—*Owen*, Odont. p. 547. pl. 140. fig. 3 (skull), fig. 4 (molar series).—*Griffith*, A. K. pl. 151 (skull).  
—*F. Cuv.*, Dents des Mamm. p. 212. no. 86 (dentition).  
*Babiroussa*, *Buff.*, Hist. Nat. xii. p. 434. pl. 48 (skull).

*a, b.* Skulls. Malacca.

*c.* Skull. Malacca. Presented by General Hardwicke.

*d.* Skull. Tusks very much developed.

*e, f.* Skulls. From Mr. Stevens's sale.

*g.* Skull. Presented by — Daniels, Esq.

*h.* Skull.

*i.* Skeleton (imperfect). } From the Zoological Society's Collection.

*j.* Skull.

*k.* Skull. Borneo.

*l-n.* Skulls: adult and young. } From Mr. Wallace's Collection.

## POTAMOCHÆRUS.

Teeth :—Incisors  $\frac{3-3}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 40.

The RED-RIVER HOG. *Potamochoerus penicillatus*.

*Gray*, Proc. Zool. Soc. 1852, p. 131. fig.—*Selater*, Proc. Zool. Soc. 1860, p. 301 (skull).

Cervical vertebrae . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	4
Caudal . . . . .	25

\**a.* Skeleton: female. Cameroons River. From the Zoological Society's Collection—The skull figured by Dr. P. L. Selater.

*b.* Skeleton: male.

The BOSCH VARK. *Potamochoerus africanus*.

*Sus larvatus*, *F. Cuv.*, Mém. du Mus. viii. p. 453. pl. 22. fig. *c, d* (skull).

—*Blainv.*, Ostéog. G. Sus, pl. 5 (skull), pl. 8 (dentition).

*Sus africanus*, *Laurent et Bazin*, Anat. Phys. pl. 11. ix. (dentition).

*a.* Skull. S. Africa. From Mr. Argent's Collection.

*b.* Skeleton: male. S. Africa. From the Zoological Society's Collection.

## PHACOCHÆRUS.

Teeth :—Incisors  $\frac{1-1}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{2-2}{2-2}$ ; Molars  $\frac{3-3}{3-3}$ ; = 32.

The VALKE VARK or EMGALLO. *Phacochoerus æthiopicus*.

*F. Cuv.*, Mém. du Mus. viii. pp. 450, 452. pl. 23 (skull).

*Phacochoerus pallasii*, *Vau der Hoeven*, Acad. Exp. 19 (skull), 1837.—

*F. Cuv.*, Dents des Mamm. pl. 87 (dentition).—*Owen*, Odont. pl. 140. fig. 4 (dentition); *Phil. Trans.* pl. 33. figs. 1-6 (skull and dentition of young), pl. 34. figs. 8-11 (dentition).—*Blainv.*, Ostéog. pl. 5 (skull), pl. 8 (dentition).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	6
Sacral . . . . .	4
Caudal . . . . .	13 or 14

*With two incisors in the upper jaw.*

- a.* Skull. S. Africa. Presented by J. C. Taunton, Esq.  
*b.* Skull (very large). Cape de Verde. Presented by T. Tatum, Esq.  
*c.* Skull.  
*f, g, i, j, m.* Upper jaws. S. Africa. Purchased of Mr. Argent.

*Without incisors in the upper jaw.*

- d.* Skull.  
*e, h, k, l.* Upper jaws. } S. Africa. Purchased of Mr. Argent.  
*n.* Skeleton: female. From the Zoological Society's Collection.

THE HARUJA or HALLUF. *Phacochærus æliani*.

*Rippell*, Zool. Atlas, 61. tab. 25, 26. fig. *a-g* (skull).

*Phacochærus æthiopicus*, *Horne's Lect. Comp. Anat.* ii. pls. 38, 39 (skull and dentition).

*With two incisors in the upper jaw.*

- a.* Skull. Caffraria. From M. Sundevall's Collection.  
*b.* Skeleton: female. From the Zoological Society's Collection.

DICOTYLES.

Teeth:—Incisors  $\frac{2-2}{3-3}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{3-3}{3-3}$ ; Molars  $\frac{3-3}{3-3}$ ; = 38.

THE PECARI or TAJACU. *Dicotyles tajacu*.

*Sus torquatus*, *Blainv.*, Ostéog. G. Sus. pl. 3 (skeleton, female), pl. 5 (skull), pl. 6 (parts of skeleton).—*Baird*, Mamm. N. America, pl. 87 (skull).

Dicotyles, *Owen*, Odont. p. 559.

Pecari, *Buff.*, Hist. Nat. x. p. 50. pl. 13 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	4
Caudal . . . . .	6

- a.* Skull of adult. Brazils.  
*b.* Skull of adult. Organ Mountains, Brazils.  
*c, d, f.* Skulls. } From the Zoological Society's Collection.  
*c, g.* Skeletons. }



THE TAGNICOTE. *Dicotyles labiatus*.

Cervical vertebræ.....	7
Dorsal .....	14
Lumbar .....	5
Sacral .....	4
Caudal .....	9

\**a.* Skull. Brazils.

*b.* Skull: young.

*c, d.* Skeletons: male and female. Brazils. From Mr. Becker's Collection.

*e.* Skull (very large).

*f.* Skeleton. From the Zoological Society's Collection.

## RHINOCEROS.

Teeth:—Incisors  $\frac{1-1}{2-2}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{3-3}{3-3}$ ; = 34.

THE RHINOCEROS. *Rhinoceros unicornis*.

*Spir*, Cephalog. tab. 7. fig. 21 (skull).—*Pander und D'Alton*, Vergl. Osteol. pl. 8 (skeleton), pl. 11 (skull and limbs).—*Cuv.*, Oss. Foss. ii. p. 5. pl. 1 (skeleton), pl. 2. figs. 3, 4 (dentition).—*Blainv.*, Ostéog. G. Rhinoceros, pl. 2 (skull).—*Schreb.*, Säugth. i.-iii. pl. 77 B (skull).—*Parsons*, Phil. Trans. 1742-43, p. 525. tab. 1, 2.

Cervical vertebræ.....	7
Dorsal .....	19
Lumbar .....	4
Sacral .....	5
Caudal .....	

*a.* Skull. India. Presented by C. Gascoïn, Esq.

*b.* Skull of a just-born specimen. } Nepal. Presented by B.H. Hodg-

*c.* Left side of a lower jaw. } son, Esq.

*d.* Skull. India?

*e.* Skull.

*\*f.* Skeleton. } From the Zoological Society's Collection.

*g.* Skull.

*h, i.* Horns.

*j.* Horn: young.

THE JAVA RHINOCEROS. *Rhinoceros javanicus*.

*Rhinoceros unicornis* de Java, *Cuv.*, Oss. Foss. ii. pl. 17. fig. 1 (skeleton), fig. 2 (pelvis), pl. 4. fig. 2 (skull).

*Rhinoceros javanicus*, *Blainv.*, Ostéog. G. Rhinoceros, p. 72. pl. 1 (skeleton), pl. 2 (skull), pl. 8 (dentition), pls. 5-7 (parts of skeleton).—*Schreb.*, Säugth. vii. pl. 317 u (skull).

Cervical vertebræ.....	7
Dorsal .....	19

Lumbar vertebræ . . . . .	3
Sacral . . . . .	5
Caudal . . . . .	22 or 23

*a, b.* Skulls.

*c.* Skull. Borneo. From Mr. Wright's Collection.

*d.* Skeleton. Java. From Professor Schlegel's Collection.

### Rhinoceros sumatranus.

*Bell*, Phil. Trans. 1793, p. 6. tab. 3, 4 (skull, with horns).—*Cuv.*, Oss. Foss. ii. tab. 4. fig. 8 (skull), iii. p. 385. pl. 78 (skeleton), pl. 79. fig. 3 (skull).—*Blainv.*, Ostéog. G. Rhinoceros, p. 70. pl. 2 (skull, female), pls. 5-7 (parts of skeleton).—*Schreb.*, Säugth. vii. pl. 117 II (skull).

### CROSS'S RHINOCEROS. *Rhinoceros crossii.*

*Gray*, Proc. Zool. Soc. 1854, p. 250 (fig. of horn).

*a.* Horn. Presented by Edward Cross, Esq.

### RHINASTER.

Teeth:—Incisors  $\frac{0}{0}$ ; Canines  $\frac{0}{0}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{3-3}{3-3}$ ; =28.

### THE GARGATAN or RHINASTER. *Rhinaster bicornis.*

*Rhinoceros bicornis*, *Cuv.*, Oss. Foss. ii. pl. 2. figs. 1, 2 (dentition), pl. 4. figs. 6, 7 (skulls, adult and young), pl. 16 (skeleton).—*Blainv.*, Ostéog. p. 66. pl. 3 (skull, male), pls. 5, 6 (parts of skeleton), pl. 8 (dentition).—*Owen*, Odont. pl. 138. fig. 2 (skull).

*Rhinoceros africanus*, *Duvernoy*, Archives du Mus. vii. pl. 8 (skull, jun.).—*Schreb.*, Säugth. vii. pl. 317. fig. 4 (skull).—*Parsons*, Phil. Trans. 1742-43, tab. 3. figs. 4, 5 (horns).

*a.* Skull. Sennaar (12°-13° N. lat.). From Mr. Petheriek's Collection.

*b.* Horns: half-grown. From Mr. Argent's Collection.

*c, d.* Adult (front horns).

*e.* Adult (front and back horn).

*f.* Young (front and back horn).

### BURCHELL'S RHINOCEROS. *Rhinaster simus.*

*Rhinoceros simus*, *Burchell*, Journ. Phys. lxxx. p. 163; Travels, ii. p. 75. —*Blainv.*, Ostéog. G. Rhinoceros, pl. 4 (skull, atlas, &c.).—*Duvernoy*, Archives du Mus. vii. pls. 2, 3 (skulls), pl. 8 (skull, jun.).

*a, b.* Skulls: adult. S. Africa.

*c, d.* Skulls: young. S. Africa.

*e-l.* Adult horns.

*m-o.* Half-grown.

*p.* Young.

The WHITE RHINOCEROS. *Rhinaster ketloa*.

*Rhinoceros ketloa*, *Smith*, Illustr. Zool. S. Africa, Mamm. tab. 1.—*Parsons*, Phil. Trans. 1742-43, p. 540. tab. 3. figs. 8, 9 (horns).

- a, b.* Adult front horns.
- c.* Adult back horn.
- d.* Half-grown (front and back horn).
- e.* Young back horn.
- f.* Very young back horn.

The KOBABA. *Rhinaster oswellii*.

*Rhinoceros oswellii*, *Gray*, Proc. Zool. Soc. 1853, p. 46. fig. (horns).—*Anderson's* Lake Ngami or Explorations in S. Africa, p. 388. fig. (horns).

- a.* The front and back horn. Interior of S. Africa. Presented by Colonel Thomas Steele.—The specimen figured by Dr. Gray.
- b.* Front horn (4 feet 9 inches long). Interior of S. Africa.
- c.* Front horn.
- d.* Front horn. From Sir Hans Sloane's Collection.—The specimen figured by Parsons, Phil. Trans. 1742-43, tab. 3. fig. 6 (horn).

## HYRAX.

Teeth:—Incisors  $\frac{1-1}{2-2}$ ; Canines  $\frac{0-0}{0-0}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{3-3}{3-3}$ ; =34.

The KLIP-DAS. *Hyrax capensis*.

*Pallas*, Spicil. Zool. ii. p. 16.—*Cuv.*, Oss. Foss. ii. p. 127. pl. 2. figs. 1-6 (skull).—*Spix*, Cephalog. pl. 7. fig. 8.—*Blainv.*, Ostéog. G. Hyrax, pl. 2 (skull and dentition).—*G. Fischer*, Anat. des Makis, p. 163. pl. 18. fig. 2 (skull), 1804.—*F. Cuv.*, Dents des Mamm. p. 218. no. 89. figs. 1-3 (dentition).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	21
Lumbar . . . . .	8
Sacral . . . . .	5
Caudal . . . . .	6 or 7

- a.* Skeleton. Cape of Good Hope. From the Zoological Society's Collection.—This specimen has twenty-two pairs of ribs, the first of which are articulated to the last cervical vertebræ, and five sternal bones.
- b.* Skeleton. Cape of Good Hope. From the Zoological Society's Collection.—This specimen has only twenty-one pairs of ribs, but has more sternal bones than *a*, the number being seven.
- c-c.* Skulls. From the Zoological Society's Collection.
- f.* Skull: young.

The ASHKOKO. **Hyrax abyssinicus.**

*Hyrax habessinicus*, *Ehrenberg und Hemprich*, *Symb. Phys. Mamm.*  
dec. i.—*Blainv.*, *Ostéog.* p. 10.

- a. Skull. Abyssinia. Presented by J. Reid, Esq.  
b. Skull. Abyssinia. Presented by J. Burton, Esq.  
c. Skull. Abyssinia.

**Hyrax ruficeps.**

*Blainv.*, *Ostéog. G. Hyrax*, p. 10. pl. 2 (skull).

The DAMAN. **Hyrax syriacus.**

*Blainv.*, *Ostéog. G. Hyrax*, pl. 1 (skeleton, female), pl. 2 (skull and dentition).

**Hyrax arboreus.**

*Blainv.*, *Ostéog. G. Hyrax*, p. 10. pl. 2 (skull and teeth).

**Hyrax dorsalis.**

- \*a. Skull. Fernando Po. From the Zoological Society's Collection.

## HIPPOPOTAMUS.

Teeth:—Incisors  $\frac{2-2}{2-2}$ ; Canines  $\frac{1-1}{1-1}$ ; Premolars  $\frac{4-4}{4-4}$ ; Molars  $\frac{3-3}{3-3}$ ; = 40.

The ZEEKOE or RIVER HORSE. **Hippopotamus amphibius.**

*Grew*, *Mus. Reg. Soc.* p. 14. tab. 1 (skull).—*Spir*, *Cephalog.* tab. 7. fig. 22 (skull).—*Cuv.*, *Oss. Foss.* i. p. 270. pl. 1. fig. 1 (skeleton), figs. 2-11 (vert.), pl. 2. figs. 1-4 (skull), figs. 1-20 (parts of skeleton).—*Pander und D'Alton*, *Vergl. Osteol.* pl. 5 (skeleton), pl. 6 (skull), pl. 7 (feet and limbs).—*Blainv.*, *Ostéog. G. Hippopotamus*, pl. 1 (skeleton, male), pl. 2 (skull).—*Schreb.*, *Säugeth.* vi. pl. 308 (skull). *Hippopotamus*, *F. Cuv.*, *Dents des Mamm.* p. 206. no. 84. figs. 1-3 (dentition).

*Hippopotame*, *Buff.*, *Hist. Nat.* xii. p. 68. pl. 6 (skull).

- a. Skull: adult. S. Africa.  
b. The front of the lower jaw.  
c. Tusk, very much elongated.  
d. Skull. Gambia. Presented by the Earl of Derby.  
e. Tusk. From Dr. Mantell's Collection.  
f. Skull. From the Zoological Society's Collection.  
g. Skull: very young. From Mr. Stevens's sale.

## The LITTLE or LIBERIAN HIPPOPOTAMUS.

**Hippopotamus (Tetraprotodon) liberianus.**

*Morton*, *Journ. Acad. Nat. Sci. Philad.* i., new series, 1849; *Proc. Acad. Philad.* 1844, pl. 32 (skull), pl. 33. figs. , pl. 34. figs. 3-9 (dentition).

- a. Plaster cast of skull. Presented by S. G. Morton, Esq.

## Fam. 4. DASYPIDÆ.

## MANIS.

*Without teeth.*The MANY-SHIELDED PHATAGIN. **Manis multiscutata.***Gray*, Proc. Zool. Soc. 1843.\**a.* Skull. W. Africa.The BADGERIT or BAJJERKEIT. **Manis pentadactyla.***Cuv.*, Oss. Foss. v. pl. 8. fig. 1 (skeleton), figs. 2-22 (skull and parts of skeleton).—*Schreb.*, Säugth. i.-iii. pl. 69 (skull), 1826.

- a.* Some bones of half-grown animal. Nepal. Presented by B. H. Hodgson, Esq.  
*b.* Skull. Purchased of Mr. Williams.  
*c.* Skull. Darjeeling. Presented by Professor Oldham.  
*d, e.* Skeletons. } Nepal. Presented by B. H. Hodgson,  
*f-i.* Skeletons (imperfect). } Esq.

The TANGILIN. **Manis javanica.***Rapp*, Edentaten, taf. 6. figs. 1, 2 (skull).**Manis temminckii.***Peters*, Naturw. Reise nach Mossambique, Säugth. i. p. 174. pl. 32. fig. 8 (os hyoides).

## XENURUS.

Teeth :—Incisors  $\frac{0-0}{0-0}$ ; Molars  $\frac{9-9}{8-8}$ ; = 34.The TATOUAY. **Xenurus uncinatus.***Le Caboussa*, *Cuv.*, Oss. Foss. v. p. 123. pl. 11. figs. 7-9 (skulls).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	5
Sacral . . . . .	10
Caudal . . . . .	18

*a, b, c.* \*Skulls. S. America.*d, e, f.* Skeletons: male and female. From Mr. Brandt's Collection.

## DASYPUS.

Teeth :—Incisors  $\frac{0-0}{0-0}$ ; Molars  $\frac{9-9}{10-10}$ ; = 38.

The ARMADILLO. *Dasypus sexcinctus*.

*Rapp*, Edentaten, pl. 3. fig. 4 (skull).—*Owen*, Odont. pl. 85. fig. 3 (dentition).

*L'Encombart*, *Cur.*, Oss. Foss. v. p. 122. pl. 11. figs. 4-6 (skull).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	3
Sacral . . . . .	8
Caudal . . . . .	17

*a, b.* \*Skulls. S. America.

*c.* Skeleton. Purchased of Mr. Bartlett.

*d.* Skeleton. From the Zoological Society's Collection.

*e.* Skull. From Mr. Stevens's sale.

The HAIRY ARMADILLO. *Dasypus villosus*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	11
Lumbar . . . . .	3
Sacral . . . . .	8
Caudal . . . . .	17

*a.* Skeleton.

## TATUSIA.

Teeth :—Incisors  $\frac{0-0}{0-0}$  ; Molars  $\frac{8-8}{8-8}$  ; = 32.

The APARA. *Tatusia tricincta*.

*a.* Skull. Bolivia. From Mr. Bridges' Collection.

*b.* Skull, and bones of the body.

The PITCHAY. *Tatusia minuta*.

\**a.* Skull. From Mr. Bridges' Collection.

The PEBA. *Tatusia septemcincta*.

Tatou noir, *Cur.*, Oss. Foss. v. pl. 10. fig. 1 (skeleton), figs. 2, 3 (skulls), figs. 4-22 (parts of skeleton).

*Dasypus novemcinctus*, *Spix*, Cephalog. tab. 7. fig. 13 (skull).—*Baird*, Mamm. N. America, pl. 86.

*Tatusia peba*, *Owen*, Odont. pl. 85. fig. 2 (dentition).

Cachicame, *Buff.*, Hist. Nat. x. pl. 37 (skeleton).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	10
Lumbar . . . . .	5

Sacral vertebræ . . . . .	9
Caudal . . . . .	26 or 27

- a.* Skeleton. From Mr. Brandt's Collection.  
*b.* Skeleton. S. America.  
*c.* Skeleton: adult. S. America.  
*d, e.* Skulls. Bolivia. From Mr. Bridges' Collection.  
*f.* Skull, without the lower jaw. From Mr. Yarrell's Collection.

### PRIODONTES.

The number of the teeth varies from 24 to 26 in each upper jaw, and from 22 to 24 on each side of the lower jaw, amounting to from 94 to 100 in total number.—*Owen*.

#### The TATOU. *Prionontes gigas*.

*Rapp*, Edentaten, tab. 4 (skeleton), 1852.—*Owen*, Odont. pl. 85. fig. 1 (teeth); Odontology, Article in Encycl. Brit. p. 441 (teeth).  
 Tatou géant, *Cuv.*, Oss. Foss. v. pl. 11. figs. 1-3 (skulls), fig. 10 (feet).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	3
Sacral . . . . .	10
Caudal . . . . .	24

- a, b.* Skeletons. S. America. From Mr. Brandt's Collection.

### ORYCTEROPUS.

Teeth:—Molars  $\frac{7-7}{6-6}=26$ .

#### The AARD-VARK. *Orycteropus capensis*.

*Cuv.*, Oss. Foss. v. pl. 12. fig. 1 (skeleton), figs. 2-25 (skulls and parts of skeletons).—*Rapp*, Edentaten, p. 13. tab. 4 (skull), 1852.—*Owen*, Odont. p. 317. pl. 76. fig. 8 (upper and lower molars), pl. 78. fig. 11 (sections of teeth); Odontology, Article in Encycl. Brit., new edit., p. 440. fig. 49 (teeth).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	13
Lumbar . . . . .	8
Sacral . . . . .	6
Caudal . . . . .	25

- a.* Skull. Cape of Good Hope. From Mr. Stevens's sale.  
*b.* Skeleton. S. Africa.

## MYRMECOPHAGA.

*Without teeth.*THE GREAT ANT-EATER. *Myrmecophaga jubata*.

*Cuv.*, Oss. Foss. v. pl. 9. fig. 1 (skeleton), figs. 2-23 (skull and parts of skeleton).—*Rapp*, Edentaten, p. 14. pl. 4 (skeleton, female), 1852.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	16
Lumbar . . . . .	2
Sacral . . . . .	6
Caudal . . . . .	31

*a.* Skeleton. S. America.

*b.* Skull. La Plata. From M. Bravard's Collection.

## TAMANDUA.

*Without teeth.*THE TAMANDUA. *Tamandua tetradactyla*.

*Myrmecophaga tamandua*, *Blainv.*, Ostéog. G. *Myrmecophaga*, pl. (skeleton).—*Rapp*, Edentaten, tab. 4. figs. 1, 2 (skull), 1852.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	18
Lumbar . . . . .	3
Sacral . . . . .	4
Caudal . . . . .	35

*a.* Skeleton. From Mr. Brandt's Collection.

*b.* Skull.

## PLATYPUS.

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

THE MÜLLINGANG. *Platypus anatinus*.

*Ornithorhynchus paradoxus*, *Spix*, Cephalog. tab. 7, 14 (skull).—*Owen*, Odont. pl. 76. figs. 1-3 (dentition).—*Home's* Lect. Comp. Anat. ii. pls. 58, 59 (skull).

*L'Ornithorhynque*, *Cuv.*, Oss. Foss. v. p. 143. pl. 14. fig. 1 (skeleton), figs. 2-26 (skull and parts of skeleton).

*Ornithorhynchus rufus*, *Schreb.*, Säugth. i.-iii. pl. 63. fig. 1 (skull), 1826.—*Waterhouse*, Nat. Hist. Mamm. i. p. 25. pl. 2 (head, feet, chest, bones, pelvis, &c.).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	16
Lumbar . . . . .	2
Sacral . . . . .	3
Caudal . . . . .	20

*a.* Skeleton. From Dr. Mantell's Collection.



- b.* Skull: male. Shoalaven, Australia. Presented by J. Macgillivray, Esq.  
*c.* Skull.  
*d.* Skeleton (imperfect). From the Zoological Society's Collection.  
*e.* Skull. From Mr. Yarrell's Collection.  
*f.* Skeleton: young. Presented by Professor Owen.

### ECHIDNA.

#### The BROWN ECHIDNA. *Echidna setosa*.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	16
Lumbar . . . . .	3
Sacral . . . . .	3
Caudal . . . . .	12

- a.* Skeleton. Van Diemen's Land. Presented by Capt. Mangles.  
*b.* Skeleton (imperfect). From the Zoological Society's Collection.

#### The ECHIDNA. *Echidna hystrix*.

- Echidna hystrix*, *Spix*, Cephalog. tab. 7. fig. 15 (skull).  
*L'Echidné*, *Cuv.*, Oss. Foss. v. p. 143. pl. 13. fig. 1 (skeleton), figs. 2-21 (skulls and parts of skeleton).  
*Ornithorhynchus paradoxus*, *Owen*, Odontology, Article in Enceyl. Brit., new series, p. 440. fig. 48 (jaws and teeth).—*Waterhouse*, Nat. Hist. Mamm. i. pp. 41, 42 (skeleton and skull), p. 23 (sternum).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	16
Lumbar . . . . .	3
Sacral . . . . .	3
Caudal . . . . .	12

- a.* Skeleton. W. Australia. From Mr. Warwick's Collection.  
*b.* Skeleton, without a skull. From the Zoological Society's Collection.

### CHOLÆPUS.

Teeth:—Incisors  $\frac{0-0}{0-0}$ ; Canines  $\frac{1-1}{1-1}$ ; Molars  $\frac{4-4}{3-3}$ ; = 18.

#### The UNA. *Cholæpus didactylus*.

- Owen*, Odont. pl. 81. figs. 3-5 (dentition).  
*Bradypus didactylus*, *Cuv.*, Oss. Foss. v. p. 73. tab. 6, tab. 7. figs. 3, 5 (skull), cop. *Cuv.*, Règ. An. Illust. tab. 70. fig. 2.—*Blainv.*, Ostéog. G. *Bradypus*, tab. 1. fig. 1 (skeleton), tab. 3 (skull).—*Rapp*, Edentaten, taf. 3. fig. 2 (skull).—*Guérin*, Icon. R. A. tab. 33. fig. 2, 2 a (skull).

Fourmilier, *Buff.*, Hist. Nat. x. p. 178. pl. 30 (skeleton), pl. 33 (limbs).

- \*a. Skull: adult. Columbia.
- \*b. Skull: half-grown.
- \*c. Teeth: young.
- d. Skull: adult.

### CYCLOTHURUS.

The ANT-EATER. *Cyclothurus didactylus*.

*Myrmecophaga didactyla*, *Blainv.*, Ostéog. G. Myrmecophaga, pl. (skeleton).—*Rapp*, Edentaten, pl. 4. figs. 3-5 (skull), 1852.

Cervical vertebræ . . . . .	7
Dorsal . . . . .	15
Lumbar . . . . .	2
Sacral . . . . .	4
Caudal . . . . .	40

- a. Skeleton (imperfect). Pernambuco. Presented by J. P. G. Smith, Esq.
- \*b. Skull. S. America. From Mr. Bates's Collection.
- c. Skeleton. S. America. Presented by A. Cuming, Esq.

### BRADYPUS.

Teeth:—Incisors  $\frac{0-0}{0-0}$ ; Canines  $\frac{0-0}{0-0}$ ; Molars  $\frac{5-5}{4-4}$ ; = 18.

The GIΡAKEIOU. *Bradypus affinis*.

*Gray*, Proc. Zool. Soc. 1849, p. 68. pl. 10. fig. 2 a, b, c (skull).

- a. Skeleton. Brazils. From Mr. Brandt's Collection.
- \*b. Skull. S. America.

The SLOTH or AI. *Bradypus problematicus*.

*Gray*, Proc. Zool. Soc. 1849, p. 73. pl. 11. fig. 5 (lower jaw).

- a. Skull and imperfect skeleton. Presented by J. P. G. Smith, Esq.

### *Bradypus crinitus*.

*Gray*, Proc. Zool. Soc. 1849, p. 67. pl. 10. fig. 1 a, b, c (skull).

Cervical vertebræ . . . . .	9
Dorsal . . . . .	15
Lumbar . . . . .	5
Sacral . . . . .	6
Caudal . . . . .	11

- a. Skeleton. Brazils. From Mr. Becker's Collection.

## ARCTOPITHECUS.

Teeth :—Incisors  $\frac{0-0}{0-0}$ ; Canines  $\frac{0-0}{0-0}$ ; Molars  $\frac{5-5}{4-4}$ ; = 18.

## Arctopithecus gularis.

Gray, Proc. Zool. Soc. 1849, p. 70. pl. 11. fig. 6 (lower jaw).

Bradypus tridactylus, var., *Cuv.*, Oss. Foss. v. tab. 5. figs. 1-3, cop. *Cuv.*,  
Rég. An. Illust. tab. 70. fig. 1 a.—*Owen*, Odont. pl. 81. fig. 3 (dou-  
tion).

Cervical vertebræ.....	9
Dorsal .....	15
Lumbar .....	3
Sacral .....	7
Caudal .....	8 or 9

\*a. Skull. Bolivia. From Mr. Bridges' Collection.

b. Skeleton: young.

## Arctopithecus marmoratus.

Gray, Proc. Zool. Soc. 1849, p. 71. pl. 11. fig. 3 (lower jaw, adult),  
fig. 4 (half-grown).

Bradypus tridactylus guianensis, *Blainv.*, Ostéog. G. Bradypus, tab. 3  
(skull).—*Spix*, Cephalog. tab. 7. fig. 12 (skull).

Bradypus cuculliger, *Rapp*, Edentaten, taf. 3. fig. 1 (skull).

a. Skull: adult.

b. Skull: half-grown. } S. America. From Mr. Stevens's sale.

## Arctopithecus flaccidus.

Gray, Proc. Zool. Soc. 1849, p. 72. pl. 11. fig. 1 (adult), fig. 1 a (young  
skull).

\*a. Skull. Venezuela. From Mr. Dyson's Collection.

b. Skull. Para. Presented by J. P. G. Smith, Esq.

## Arctopithecus blainvillii.

Gray, Proc. Zool. Soc. 1849, p. 71. pl. 11. fig. 2 (skull).

Bradypus tridactylus, *Cuv.*, Oss. Foss. v. pl. 4 (skeleton), pl. 5 (skull).

Bradypus tridactylus brasiliensis, *Blainv.*, Ostéog. tab. 2 (skeleton),  
tab. 3 (skull).

Cervical vertebræ.....	9
Dorsal .....	16
Lumbar .....	4
Sacral .....	6
Caudal .....	11

a. Skeleton. Brazils. From Mr. Becker's Collection.

b, c. Skulls. S. America. Presented by the Zoological Society.

d. Skeleton. Guiana. From Mr. Brandt's Collection.

? e. Skeleton: very young. From the Zoological Society's Col-  
lection.

## CHLAMYPHORUS.

Teeth :—Incisors  $\frac{0-0}{0-0}$ ; Canines  $\frac{0-0}{0-0}$ ; Molars  $\frac{8-8}{8-8}$ ; =32.

The CHLAMYPHORUS. *Chlamyphorus truncatus*.

*Harlan*, Annals of the Lyceum of New York, ii. pt. 2, 1825.—Zool. Journ. iii. p. 544.—*Hyrtl*, Akademie der Wissenschaften, 1855, tab. 3. fig. 1 (skeleton), figs. 2-5 (feet), fig. 6 (sternum), fig. 7 (caudal vertebræ), tab. 4. figs. 1-3 *a, b* (skull), fig. 4 (lower jaw), figs. 5, 6 (cervical vertebræ), figs. 7, 8 (lumbar vertebræ), figs. 10-13 (pelvis).—*Isis*, 1830, tab. 8. fig. 1 (skeleton), figs. 2, 3 (skulls), fig. 4 (lower jaw).—*Gray*, Proc. Zool. Soc. 1857, p. 9. figs. 1-3 (pelvis and posterior disk).

Cervical vertebræ . . . . .	7
Dorsal . . . . .	11
Lumbar . . . . .	3
Sacral . . . . .	
Caudal . . . . .	14

\**a*. Skeleton.

*b*. Skeleton.

# ADDENDA.

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## Page 3. *Homo sapiens*.

- n*<sup>s</sup>. Skull and parts of the skeleton of an adult, native of the Andaman Islands. Presented by Dr. J. Mouat, Inspector-General of Gaols in India.
- o*<sup>s</sup>. Three skulls from a tomb at Cyrene. Obtained by Lieut. Smith, R.E., and Lieut. Porcher, R.N. Presented by Charles Newton, Esq.
- p*<sup>s</sup>, *q*<sup>s</sup>. Two skulls of Australian natives. Sharks' Bay, W. Australia. Presented by F. M. Rayner, Esq., R.N.
- r*<sup>s</sup>. Calvarium of a convict who was murdered by a fellow-convict on Norfolk Island with an axe. Presented by F. M. Rayner, Esq., R.N.

## Page 3. *Troglodytes gorilla*.

*Pithecia gesilla*, *Blainv.*, *Ostéog. Primates*, pl. 1 (skeleton), pl. 5 (skull and teeth).

- \**h*. Skeleton: adult male.
  - i*. Skeleton: adult female.
  - j*. Skeleton: young male.
  - k*. Skull: young female.
  - l*. Skeleton.
- } W. Africa. Purchased of Mr. DuChaillu.

## Page 4. *Troglodytes niger*.

- i*. Skeleton: adult male. Var. *Kooloo Camba*, DuCh. } W. Africa.
- j*. Skeleton: male. Var. *Troglodytes calvus*, DuCh. } Purchased of
- k*. Skeleton: female. Var. *Troglodytes calvus*, DuCh. } Mr. DuChaillu.

## Page 8. *Presbytes cinereus*.

- d*. Skeleton. Pachebore. From M. Mouhot's Collection.

## Page 9. THE WHITE-THIGHED COLOBUS. *Colobus vellerosus*.

Cervical vertebrae . . . . .	7
Dorsal . . . . .	12
Lumbar . . . . .	6
Sacral . . . . .	3
Caudal . . . . .	27

- a-c*. Skeletons of male and female. W. Africa.

Page 33. THE BLACK GALAGO. **Galago alleni.**

\*c. Skull. Gaboon, W. Africa. From M. Verreaux's Collection.

Page 43. **Nyctophilus australis.**

*Peters*, Akademie der Wissenschaften zu Berlin, 1860, pl. . figs. 4-10 (skeleton, skull, and dentition).

Page 57. **Pteropus macklotii.**

*Temm.*, Wilkes's Exploring Expedition, 1858, viii. p. 11 (skull).

**Pteropus samoensis.**

*Peale*, Wilkes's Exploring Expedition, 1858, viii. p. 10 (skull).

Page 78. **Cynogale bennettii.**

*Viverra carcharias*, *Blainv.*, Ann. des Sci. Nat. 2 sér. Zool. xii. p. 281. pl. 8. fig. a (skull).

Page 84. **Canis occidentalis.**

*Lupus occidentalis*, *Cassin*, Wilkes's Exploring Expedition, 1858, viii. p. 18 (skull).

**Canis gigas.**

*Lupus gigas*, *Cassin*, Wilkes's Exploring Expedition, 1858, viii. p. 18 (skull).

**Canis ochropus.**

*Lupus ochropus*, *Cassin*, Wilkes's Exploring Expedition, 1858, viii. p. 21 (skull).

Page 116. THE FRENCH DAESMAN. **Galemys pyrenaica.**

Cervical vertebræ . . . . .	7
Dorsal . . . . .	14
Lumbar . . . . .	5
Sacral . . . . .	5
Caudal . . . . .	30

b. Skeleton. Pyrenees. Presented by F. Maxwell Lyte, Esq.

Page 141. **Lobodon carcinophaga.**

*Cassin*, Wilkes's Exploring Expedition, 1858, viii. p. 26 (skull).

Page 149. *Balæna mysticetus*.

*Eschricht & Reinhardt*, Kong. Danske Vidensk. Selsk. Skrifter, v. p. 437. tab. 2 (skull).

Page 150. *Balænoptera musculus*.

*Eschricht & Reinhardt*, Kong. Danske Vidensk. Selsk. Skrifter, v. tab. 3. fig. 3 (skull).

Page 150. *Physalus (Rorqualus) boops*.

Megapteron boops, *Eschricht & Reinhardt*, Kong. Danske Vidensk. Selsk. Skrifter, v. tab. 3. fig. 2 (skull).

## NECTOMYS.

*Nectomys apicalis*.

*Peters*, Akademie der Wissenschaften zu Berlin, 1860, taf. 2. fig. 3 a-c (skull).

*Nectomys squamipes*.

*Brandt*, Akademie der Wissenschaften zu Berlin, 1860, taf. 2. fig. 4 (skull).

## SPALACOMYS.

*Spalacomys indicus*.

*Peters*, Akademie der Wissenschaften zu Berlin, 1860, taf. 2. fig. 1 a-e (skull).

## SCAPTEROMYS.

*Scapteromys tomentosus*.

*Licht.*, Akademie der Wissenschaften zu Berlin, 1860, taf. 2. fig. 2 a-c (teeth).

Page 174. *Sigmodon berlandieri*.

*Burd.* Mamm. N. America, p. 506. pl. 53. fig. 7 (teeth), pl. 84. fig. 3 (skull).

\*a. Skull. East side of the Andes, province of Mendoza.

Page 204. *Helamys caffer*.

*Bianconi*, Specim. Zool. Mossamb. 1850, tab. 3. fig. 1 (skeleton), figs. 3, 4 (skull), tab. 4. fig. 5 a (skull).

**SACCOMYS.**

Teeth :—Incisors  $\frac{1-1}{1-1}$  ; Molars  $\frac{4-4}{4-4}$  ; = 20.

**Sacomys anthophilus.**

*F. Cuv.*, Mém. du Mus. x. p. 419. pl. 26. figs. 8, 9 (dentition), 1823 ;  
Dents des Mamm. p. 187. no. 74 (dentition), 1825.

**Page 224. Aplodontia leporina.**

Wilkes's Exploring Expedition, 1858, viii. p. 37 (skull).

THE END.



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