

CATALOGUE

OF THE

SPECIMENS AND DRAWINGS

OF

MAMMALIA AND BIRDS

OF

NEPAL AND THIBET,

PRESENTED BY

B. H. HODGSON, Esq.

TO THE

BRITISH MUSEUM.

PRINTED BY ORDER OF THE TRUSTEES.

LONDON, 1846.

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P R E F A C E .

THE specimens, forming the following Catalogue, were collected by Mr. B. H. Hodgson during his residence in Nepal, and are the types of the specimens described in that gentleman's various scientific papers.

A series was selected from them for the British Museum collection, and the duplicates were distributed in series and sent to various British and Continental collections, in the following order.

1. Museum of the Hon. East India Company.
2. Museum of the University of Leyden.
3. Museum of the Garden of Plants, Paris.
4. Museum of the University of Berlin.
5. Museum of the Senckenbergen Society at Francfort.
6. Museum of the University of Edinburgh.
7. Museum of Trinity College, Dublin.
8. Museum of the Natural History Society, Newcastle-en-Tyne.

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9. Museum of the Canterbury Natural History Society.
10. Museum of the Manchester Natural History Society.
11. Museum of the Earl of Derby, Knowsley.
12. Museum of Hugh Strickland, Esq., Oxford.
13. Museum of the Zoological Society.

And the duplicates of the Osteological specimens were sent

1. To the Museum of the College of Surgeons.
2. To the Museum of the Royal Naval Hospital, Haslar.

Unfortunately, many of the specimens had been in the country several years, and from want of having been opened and examined, were not in a very good condition; but Mr. Hodgson has returned to the same country, and is continuing his exertions and his series of drawings.

The collections of drawings consist of a very extensive series of figures of the greater part of the species, taken from living or recently dead specimens, and executed with great fidelity by native artists in Mr. Hodgson's employ; a selection from them was to have been engraved, under the title of "Illustrations of the Zoology of Nepal," but from unforeseen circumstances, the publication of the work was obliged to be suspended, but it is to be hoped only for a limited period, and the new materials which Mr. Hodgson is now accumulating, will, when it does appear, render it more interesting and valuable to the scientific public.

Great care has been taken by Mr. G. R. Gray to compare the specimens of Birds received from Mr. Hodgson with specimens received from other habitats in the British Museum collection, and with the descriptions in the publica-

tions by the different authors, and thus to make the synonymys as perfect as possible, and also to refer to where they have been noticed or described by Mr. Hodgson in his numerous valuable contributions towards the Zoology of India.

The following is a list of the various papers which Mr. Hodgson has published, which have occurred to me in forming this Catalogue, but I make no doubt that there are others in different Indian periodicals which have escaped my research, and probably not reached this country.

Letters on various subjects of Zoology.—*P. Z. Soc.* 1833, p. 105.

Letter relative to a collection of living birds forwarded by him from Nepal for the Society's menagerie. — *P. Zool. Soc.*, 1834, p. 9.

Classical Terminology of Natural History.—*Journ. Asiat. Soc. Beng.* x. 1841, p. 26.

Notes on Zoological Nomenclature.—*J. A. S. B.* v. 1836, p. 751.

Proposals to publish by subscription an illustrated work on the Zoology of Nepal.—*J. A. S. B.* iv. p. 356-521.

A cursory notice of Nayatcote.—*J. A. S. B.* ix. p. 1114.

Translation of 'Naipalia Devuta Kalyana, with Notes.'—*J. A. S. B.* 1843, p. 400.

List of Contributions to the Transactions and Journal of the Asiatic Society.—*J. A. S. B.* 1844, xiv.

Characters and descriptions of new species of Mammalia and Birds of Nepal.—*P. C. S. Z. S.* 1832, p. 10.

Mammalia of Nepal.—*J. A. S. B.* i. 1832, p. 335.

- Synoptical descriptions of sundry new Animals enumerated in the Catalogue of Nepalese Mammalia. — *J. A. S. B.* v. 1836, p. 231.
- Classified Catalogue of the Mammals of Nepal, corrected to the end of 1841, first published in 1832. — *J. A. S. B.* x. p. 907. (*Calcutta J. N. H.* iv. p. 284.)
- On the Mammalia of Nepal.—*P. Z. S.* 1834, p. 95.
- Notice of the Mammalia of Thibet, with descriptions and plates of some New Species.—*J. A. S. B.* 1842, p. 275.
- Projected work on the Natural History of Nepal.—*Madras Journ. L. & S.* 1836. iii., p. 432.
- Illustrations of Zoology of Nepal.—*Calcutta J. N. H.* iv. p. 129.
- Classified Catalogue of Mammals of Nepal, corrected to the end of 1840, first printed in 1832.—*Calcutta J. N. H.* ii. p. 212.
- Letter of Mr. Hodgson to the Editor of the *Calcutta Journal of Natural History* containing list of Mammals.—*Calcutta J. N. H.* ii. p. 613.
- Three new species of Monkey, with remarks on the genera *Semnopethicus* and *Macacus*. — *J. A. S. B.* ix., p. 1212., *Ann. Nat. Hist.* viii. p. 314.
- Synopsis of the *Vespertilionidæ* of Nepal. — *J. A. S. B.* iv. 1835, p. 699, abstracted in *P. Z. S.* 1836, p. 46.
- Description and character of the Wild Dog of Nepal.—*P. Zool. Soc.* 1833, p. 111.
- Description of the Wild Dog of the Himalayah, *Asiatic Research.* xviii.
- European notices of Indian Canines, with further illustrations of the new genus *Cuon* vel *Chryseus*, *Calcutta, J. N. H.* p. 203.
- Note on the skeleton of the Buansu, the Pariah Dog and Jackall, taken from several specimens of each in Mr. Hodgson's collection, by Mr. A. Campbell.—*Calcutta Journ. Nat. Hist.* ii. p. 209.
- Appendix to an account of *Cuon primævus* the Wild Dog or Buansu.—*Calcutta J. N. H.* ii. p. 412.

- Indication of a new genus of the Carnivora, with descriptions of the species on which it is founded. — *Asiatic Regs.* xix. p. 60, t. 8.
- Description of the little Musteline Animal, denominated Kathial Nyul in the Catalogue of Nepalese Mammalia. — *J. A. S. B.* iv. p. 702.
- Postscript to the account of *Ursitaxus*, printed in the 18th vol. of the *Researches of the Asiatic Society.*—*J. A. S. B.* v. 1836, p. 671.
- On a new genus of the Plantigrades.—*J. A. S. B.* 1837, p. 560.
- Summary description of four new species of Otter.—*J. A. S. B.* 1839, p. 319.
- Description of three species of *Paradoxurus*, inhabiting the southern, central, and northern region of Nepal, respectively : with notices of the habits and structure of the genus.—*Asiatic Res.* xix. p. 72.
- On a new species of *Prionodon*, *P. Pardicolor* (*pardicolor*) nobis.—*Calcutta J. N. H.* ii. p. 57.
- On the Civet of the continent of India, *Viverra orientalis hodie melanurus.*—*Calcutta J. N. H.* ii. 1842, p. 47.
- Of a new species of *Lagomys* inhabiting Nepal, *Lagomys Nepalensis*, nob.—*J. A. S. B.* x. p. 854.
- Notice of the Marmot of the Himalayah and of Thibet.—*J. A. S. B.* x. p. 777.
- On the common Hare of the Gangetic provinces and the Sub-Himalayah, with a slight notice of a strictly Himalayan species.—*J. A. S. B.* ix. p. 1183.
- Notice of two Marmots, inhabiting respectively the plains of Thibet, and the Himalayan slopes near the snow, and also of a *Rhinolophus* of the central region of Nepal.—*J. A. S. B.* 1843, p. 409.
- On the Rats, Mice, and Shrews of the central region of Nepal.—*Ann. Nat. Hist.* 1845, p. 266.

- Memorandums as to the manner of *Rhizomys badius*.—*Calcutta J. N. H.* p. 410.
- New species of *Rhizomys*, discovered in Nepal, *R. badius* nob. the Bay Bamboo Rat of Nepal.—*Calcutta, J. N. H.* ii. 60.
- On a new species of *Mustela*? known to the Nepalese commerce as the Chuakhal *Mustela*? *Calotus*.—*Calcutta J. N. H.* ii. 221, t. 9.
- Summary description of two new species of Flying Squirrel.—*J. A. S. B.* 1843.
- Illustrations of the genera of *Bovidæ*. Part 1, Skeletons of *Bos*, *Bibos*, and *Bison*; the individuals examined being the common Bull of Nepal, the Gauri Gau of Nepal and the Yac.—*J. A. S. B.* x. 1841, p. 449.
- On the *Bibos*, Gauri Gau or Gaurika Gau of the Indian forests.—*J. A. S. B.* 1837, p. 745.
- On the Gauri Gau of Nepal forests.—*J. A. S. B.* 1837, p. 499.
- On the two Wild Sheep inhabiting the Himalayan region, with some brief remarks on the craniological character of *Ovis* and its allies.—*J. A. S. B.* x. 1841, p. 230.
- On the Wild Goat and Wild Sheep of the Himalaya, with remarks on the genera *Capra* and *Ovis*.—*J. A. S. B.* iv. 1835, p. 49. *P. Z. S.* 1834, p. 107.
- The Wild Goat and the Wild Sheep of Nepal.—*Asiatic Res.* xviii. p. 129.
- Description and character of the Chiru Antelope, *A. Hodgsonii*, Abel.—*P. C. S. J. S.* 1830, p. 74.
- Further Illustrations of the Antelope *Hodgsonii*.—*J. A. S. B.* i. 1837, p. 59. *P. Z. S.* 1833, p. 110. *P. Z. S.* 1835,
- Letter on various Zoological Subjects, with additional observations on the Chiru Antelope (*Antelope Hodgsonii*, Abel).—*P. Z. S.* 1834, p. 80.
- Notes on the Chiru Antelope.—*J. A. S. B.* iii. 1834, p. 134.
- Synopsis of the Thar and Ghoral Antelopes.—*J. A. S. B.* iv. 1835, p. 487.

- Letter on the distinction between the Ghoral (Antelope Goral, *Hardw.*) and Thar, *Hodgs.*—*P. Z. S.* 1834, p. 85.
- On the characters of the Jharal (Capra Jharal, *Hodgs.*) and of the Nahoor (Ovis) Cervus, C. Bahraiya, *Hodgs.*—*P. Z. S.* 1836, p. 46.
- Postscript to the account of the Wild Goat of Nepal.—*J. A. S. B.* v. 1836, p. 254.
- On the Lacrymal Sinus in Antelope Thar and Cervus Aristotelis.—*P. Z. S.* 1836, p. 39.
- Of a new organ in the genus Moschus.—*J. A. S. B.* x. p. 795.
- On three new species of Musk (Moschus) inhabiting the Himalayan district.—*J. A. S. B.* 1839, p. 202.
- Note on the Cervus Duvaucelii of Cuvier or C. Elaphoides and Bahraiya of Hodgson.—*J. A. S. B.* v. 1836, p. 240.
- Notes relative to the account of the Cervus Jarai, published in the Gleanings, No. 34.—*J. A. S. B.* 1832, p. 66.
- Specific Names and Characters of a new species of Cervus, discovered in 1825, and indicated by the local name of Bahraiya.—*J. A. S. B.* iv. 1835, p. 648. *P. Z. S.* 1836, p. 46.
- Note on Cervus Elaphus? of the Sal forest of Nepal hodie, C. affinis, nob.—*J. A. S. B.* x. p. 721.
- On a new species of Cervus, C. Dimorphe.—*J. A. S. B.* 1843, p. 897.
- On the Ratva Deer of Nepal.—*Asiatic Res.* xviii, p. 139
- Notices on the Ornithology of Nepal.—*Asiatic Res.* xix. p. 143.
- Catalogue of Nepalese Birds presented to the Asiatic Society, duly named and classified by the donor, and revised by the Society's curator.—*J. A. S. B.* 1843, p. 301.
- Additions to the Catalogue of Nepal Birds.—*J. A. S. B.* 1843, p. 447.
- Indications of a new genus of Falconidæ.—*J. A. S. B.* v. 1836, p. 777.
- Description of a new genus of Falconidæ.—*J. A. S. B.* 1843, p. 129, t.

- Summary descriptions of some new species of Falconidæ.—*J. A. S. B.* v. 1836, p. 227.
- On the structure and habits of *Elanus Melanopterus*.—*Madras Journ. L. & S.* vi. 1837, p. 75.
- Description of the Bearded Vulture of the Himalaya.—*J. A. S. B.* iv. 1835.
- On some new genera of Raptores, with remarks on the old genera.—*J. A. S. B.* 1837, p. 361.
- On a species of *Aquila*, *Cricæetus*, and *Dicrurus*.—*Asiatic Res.* xviii. p. 13.
- On a new piscatory genus of the Strigine family.—*J. A. S. B.* v. 1836, p. 362.
- Indication of a new genus belonging to the Strigine family, with a description of the new species and type.—*Madras J. L. & S.* v. 1837, p. 23.
- Two new species of Meruline Birds.—*J. A. S. B.* viii. 1839, p. 37.
- Description of two new species belonging to a new family of the Meruline group of Birds, with indications of their generic characters.—*J. A. S. B.* v. 1836, p. 358.
- On three new genera or sub-genera of Long-legged Thrushes, with a description of their species.—*J. A. S. B.* vi. 1837, p. 101.
- Notice of a new form of *Glaucopinæ* or Rasorial Crows, inhabiting the northern region of Nepal, *Conostomia Æmodius nobis* type.—*J. A. S. B.* x. 1841, p. 856.
- Indications of a new genus of *Picidæ*, with descriptions of the type of a new species, also of two new species of the genus *Sitta*.—*J. A. S. B.* 1836, p. 778.
- Description of three new species of Woodpecker.—*J. A. S. B.* vi. 1837, p. 104.
- Indications of some new families belonging to the *Parianæ*.—*Indian Review*, ii. 1838, p. 30, 87.
- On *Cuculus*.—*J. A. S. B.* 1839, p. 130.
- On a new species of *Buceros*.—*Asiatic Res.* xviii. p. 178.

- Description of the *Buceros Homrai* of the Himalaya.—*Asiatic Res.* xviii. p. 169. *J. A. S. B.* 1832, p. 251.
- Additions to the Ornithology of Nepal. Indications of a new genus of Incessorial Birds.—*J. A. S. B.* v. 1836, p. 770.
- Indications of a new genus of Incessorial Birds.—*J. A. S. B.* vi. 1837, p. 110.
- New genus of the Fissirostral tribe.—*J. A. S. B.* viii. 1839 p. 35.
- New species of *Hirundinidæ*.—*J. A. S. B.* 1836, p. 779.
- On a new genus of the *Meropidæ*.—*J. A. S. B.* v. 1836, p. 360.
- On a new genus of *Sylviadæ*, with descriptions of three new species.—*J. A. S. B.* 1837, p. 230.
- Description of a new species of *Columbidæ*.—*J. A. S. B.* v. 1836, p. 122.
- Character of a new species of *Perdix*.—*P. Z. S.* 1833, p. 107.
- On a new species of Pheasant from Thibet.—*J. A. S. B.* 1838.
- On two new genera of Rasorial Birds.—*Madras J. L. & S.* v. 1837, p. 300.
- On the migration of the *Natatores* and *Grallatores*, as observed at Kathmandu.—*Asiatic Res.* xviii. p. 122.
- Indications of a new genus of Waders belonging to the *Charadriatic* family.—*J. A. S. B.* v. 1836, p. 775.
- Red-billed *Erolia*.—*J. A. S. B.* iv. 1835, p. 458, 701.
- Scolopacidæ* of Nepal.—*Madras J. L. & S.* v. 1837, p. 411.
- Some of the *Scolopacidæ* of Nepal.—*Gleanings of Science*, Aug. 1831. *Proc. Zool. Soc.* 1836-7. (corrected) *Indian Review*, ii. 1838, p. 117.
- New species of *Scolopacidæ*, Indian Snipes.—*J. A. S. B.* vi. 1837, p. 489.
- Abstract of a paper on Nepalese Birds.—*Proc. Zool. Soc.* 1845, p. 22.

JOHN EDWARD GRAY.

December 10th, 1846.

British Museum.

CATALOGUE

OF

MR. HODGSON'S COLLECTION.

Order I. PRIMATES.

Fam. I. HOMINIDÆ.

MAN. *Homo sapiens*, *Linn. S. N. i. 28.*

- a—d.* Skulls of Hillmen, probably Cishe Malayan or Thibetan, procured at Symbunath, in the valley of Nepal.
- e—h.* Skulls of Hillmen, probably of the Newar tribe, procured at Sankhmol, in the valley of Nepal.
- i, j.* Skull of a man and woman of the tribe of Newars, called Jyapoo, from Nepal proper.
- k, l.* Skulls of men of the tribe of Newar called Bandy, 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.

Fam. II. SIMIADÆ.

The LANGUR. *Presbytes Entellus*, *Cat. Mam. B. M. 4.* *Semnopithecus Nipalensis*, *Hodgson, MSS. Sc. J. As. Soc. Beng. x. 907.* *Langur*, *Hodgson, J. A. S. B. v. 339.* *S. petrophilus*, *Hodgson, MSS.* *S. entellus*, *Hodgs. P. Z. S. 1834, 94.* *S. schistaceus*, *Hodgson, Jour. As. Soc. Beng. ix. 1211, x. 907. Ann. N. H. viii. 314. Calcutta M. N. H. iv. 285.* *S. hypoleucos*, *Blyth, J. A. S. B. x. 839, xii. 170.* *S. Anchises*, *Elliott?*

Inhab. Tarai forest and Lower Hill, rarely also in the Kachar.

Var. 1. Slate-grey, head white; fur moderate.

- a, b.* Specimens of different ages.

- a. A large pair of horns, cylindrical, and with 2 small snags near the tip.
- b. A smaller pair of horns, rather compressed, and with 1 large and 2 short snags near the tip.

Fam. EQUIDÆ.

The HORSE. *Equus caballus*, *Linn.* *Hodgs. J. A. S. B.* x. 914. Horse, *Hodgs. J. A. S. B.* i. 348, 349.

Inhab. Northern hilly regions and Thibet.

- a. A skull of an English horse.
- b. Drawing of Chinese Tangham, t. 212, f. 1.
- c. Drawing of Lhassa Tangham, t. 212, f. 2, and t. 213.
- d. Drawing of Gyanchê Tangham, t. 212, f. 3.
- e. Drawing of Hubstee of Deo Dharma, t. 214.

Fam. ELEPHANTIDÆ.

The ELEPHANT. *Elephas Indicus*, *Hodgs. Calc. J. N. H.* iv. 288. Indian Elephant, *Hodgs. J. A. S. B.* i. 345. Var. *tridactylus*, *Hodgs. J. A. S. B.* x. 911.

a. Drawing of Tarayan variety, t. 215.

Var. *heterodactylus*, *Hodgs. J. A. S. B.* x. 911.

The INDIAN WILD BOAR. *Sus Indicus*, *Gray, Cat. Mam.* 185. Wild Hog, *Hodgs. J. A. S. B.* i. 245. *Sus Aper*, *Hodgs. J. A. S. B.* v. 911. *Sus Scropha*, *Hodgs. J. A. S. B.* xi. 282. *Calc. J. N. H.* iv. 288. Var. 1. *Aipomus*, *Hodgs. J. A. S. B.* i. 245. x. 911. Tusks large, fore quarters high. Var. 2. *Isonotus*, *Hodgs. J. A. S. B.* i. 345. x. 911. Tusks small, back nearly horizontal.

a. A flat skin of young, no skull.

b, c. Two skulls of the wild boar of the plain, or Taray.

d, e. Two skulls of the adult.

f--h. A half-grown skull and three young specimens of the wild boar of the hills.

i. Drawing of wild hog, t. 216.

The RHINOCEROS. *Rhinoceros unicornis*, *Linn.* *Gray, Cat. Mam.* 186. *R. indicus*, *Cuv. Oss. Foss.* ii. 5, t. 1—5. *Hodgs. J. A. S. B.* x. 911. *Calc. J. N. H.* iv. 288. *R. asiaticus*, *Blumb.* *R. inermis*, *Lesson.* One-horned Rhinoceros, *Hodgs. J. A. S. B.* i. 344.

a. Skin of fœtus.

b. Skull of a just-born specimen.

c. The left side of a lower jaw.

d. Drawing of a male, nine years old, t. 217.

e. Drawing of lower jaw, t. 218.