

Miscellaneous Publication

Occasional Paper No. 7

**Records of the
Zoological Survey of India**

CATALOGUE MAMMALIANA

By

H. KHAJURIA

Y. CHATURVEDI

And

D. K. GHOSHAL

**Issued by the Director
Zoological Survey of India, Calcutta**

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RECORDS
OF THE
ZOOLOGICAL SURVEY OF INDIA

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*An annotated catalogue of the type specimens of
mammals in the collections of the Zoological Survey of India*

By

H. KHAJURIA
Y. CHATURVEDI
and
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400P

PRICE : Inland : Rs. 12/-

Foreign : £ 0.71 or \$ 1.23

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Pages 1-44

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FOREWORD

Catalogues and check-lists on the fauna of a particular region or country and catalogues of collections in various museums and institutions are of great importance to taxonomists. Those catalogues, which give information on the types of the species, have a special significance since the types alone can help solve the intricate taxonomic problems.

The collection data, state of preservation and other relevant information about the types of mammals present in the National Zoological Collections at the Zoological Survey of India have been scattered and incomplete. These data are invaluable, and with a view that these be readily available to the workers in the field the authors started work on the preparation of the catalogues of types under the guidance of Dr. H. Khajuria, an authority on Indian Mammals and Wildlife.

Besides the facts and figures, the catalogue contains original reference and the current name of each of the 193 species and subspecies of which the types are present in the National Collections.

I am confident this publication will be useful to all mammalogists.

S. KHERA

*Joint Director-in-Charge,
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Calcutta.*

ANNOTATED CATALOGUE OF TYPE SPECIMENS OF MAMMALS IN ZOOLOGICAL SURVEY OF INDIA

By

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I. INTRODUCTION

The previous published information on the type specimens of mammals in the collection of the Zoological Survey of India is incomplete and scattered in works such as Anderson (1881), Sclater (1891), and Wroughton (1918). The collection has also been considerably added to and depleted after the publication of these works. It was, therefore, considered desirable to publish a fresh catalogue of the type specimens after a thorough examination of the collection. The study of the type material of Indian mammals presents special difficulties because the earlier workers such as Hodgson, Gray, Horsfield, Blyth, Anderson and even Blanford little realized the importance of the designation of types. The types of the forms described by such workers have, therefore, to be based on their original material.

The type of 193 species and subspecies are present in the collection of Zoological Survey of India. The account of each of these types is given under the following heads :—

- (1) *Original name*—The name given by the author.
- (2) *References*—The original references.
- (3) *Description of the Type specimens*—The particulars given under this caption are taken from the labels on the specimens checked with those given in published catalogues, original descriptions and in the Zoological Survey of India registers.
- (4) *Current name*—It is based on upto date standard works.

The systematic arrangement is mostly in accordance with Ellerman and Morrison-Scott (1951).

The following abbreviations have been used in the text:—I. M. No.=Indian Museum catalogue numbers; A. S. B. No.=Asiatic Society of Bengal numbers; Reg. No.=Zoological Survey of India numbers; B. M. No.=British Museum numbers; Juv. = Juvenile; ad.=adult; adol.=adolescent.

II. ACKNOWLEDGEMENTS

Sincere thanks are due to the Director, Zoological Survey of India, for providing facilities and to Dr. M. L. Roonwal, former Director, Zoological Survey of India, for his many suggestions and criticism. The authors are highly obliged to Dr. B. Biswas, Deputy Director, Zoological Survey of India, for his valuable guidance and also indebted to him for kindly going through the manuscript.

III. SYSTEMATIC ACCOUNT

Order INSECTIVORA

Family ERINACEIDAE

1. *Erinaceus megalotis* Blyth1845. *J. Asiat. Soc. Beng.*, Calcutta, 14 : 353.

Holotype : Reg. No. 15558 (=A. S.B. No. 234 A, =I. M. No. 216a); ad. ♂; dismantled, head without skull; Kandahar, Afghanistan; 1845; T. Hutton collector.

Blyth (1845) described only an adult male which was stated to be the type by Anderson (1881). Blyth (1863) also mentioned only a single specimen. Wroughton's (1918) statement that a lectotype was present in B.M., is evidently an error. The specimen listed above is no doubt the holotype of the species.

Current name : *Hemiechinus megalotis* (Blyth)

2. *Erinaceus (Hemiechinus) albulus* Stoliczka1872. *J. Asiat. Soc. Beng.*, Calcutta, 41 : 226.

Holotype : Reg. No. 15557 (=I. M. No. 215 b); unsexed ad.; dismantled skin and skull; Langar, nr. Sanji, c 6590 ft. (=c 2009 m.), Yarkand, China; 1870; Dr. G. Henderson collector. Presented by "the First Mission to Yarkand"

Current name : *Hemiechinus auritus albulus* (Stoliczka)

3. *Erinaceus blanfordi* Anderson1878. *J. Asiat. Soc. Beng.*, Calcutta, 47 (2): 208.

Syntype : Reg. No. 1556 (=I. M. No. 214); sub-ad. ♂; specimen in spirit, skull separate; Rohri, Sukkur District, Sind, Pakistan; 22 March 1877; W. T. Blanford collector.

In the original description, the number of specimens was not given. Anderson (1881) listed specimen No. 214 j as the type present in the

Indian Museum collection. Wroughton (1918), however, mentions another specimen (B. M. No. 87.4.22) present in the British Museum as one of the syntypes of the species.

Current name : *Paraechinus hypomelas blanfordi* (Anderson)

4. *Erinaceus macracanthus* Blanford

1875. *Ann. Mag. nat. Hist.*, London, 16 : 310.

Syntype : Reg. No. 15559 (=I. M. No. 217a); ad. ♀; study skin and skull; no date; Nahun, nr. Kerman, Iran; "Presented by the Persian Boundary Commission, 3 May, 1872"

In the original description, Blanford did not mention the number of type-specimens. Anderson (1881), however, listed the above mentioned specimen as one of the types, while Wroughton (1918) mentioned two examples, B. M. No. 74. 11. 21. 25 and I. M. No. 217a, as the types.

Current name : *Paraechinus hypomelas hypomelas* (Brandt)

5. *Paraechinus intermedius intermedius* Biswas & Ghose

1970. *Mammalia*, Paris, 34 (3) : 467-477.

Holotype : Reg. No. 16146, 1 ♀ in spirit; Jodhpur, Rajasthan; India; 15 Aug 1960, R. K. Bhatnagar collector.

Paratype : Reg. No. 18577, 1 ♂ in spirit; Guna, Madhya Pradesh; India, 18 Sept 1878; A. Barclay collector.

Current name : *Paraechinus intermedius intermedius* Biswas & Ghose

6. *Paraechinus intermedius kutchicus* Biswas & Ghose

1970. *Mammalia*, Paris, 34 (3) : 467-477.

Holotype : Reg. No. 16642, 1 ♂ in spirit; Bhuj (c 106 m.) Kutch, Gujarat, India; 23 Jul 1911; C. A. Crump collector.

Paratype: Reg. No. 16643, 9808, 2 ♂♂ in spirit; Bhuj and Nanda (c 15 m), Kutch; Gujarat, India; 30 Aug and 13 Sept 1911; C. A. Crump collector.

Current name : *Paraechinus intermedius kutchicus* Biswas & Ghose

Family TALPIDAE

7. *Talpa leucura* Blyth

1850. *J. Asiat. Soc. Beng.*, Calcutta, 19 : 215.

Syntype : Reg. No. 15555 (=A.S.B. No. 270D,=I.M.No. 227 d) ad. ♀; specimen in spirit; Cherrapunji, Meghalaya, India; 1851; R. W. G. Frith collector.

Blyth (*loc. cit.*) referred to two specimens, a mounted one and another in alcohol. This latter specimen which is given above, was listed as type by Anderson (1881). However, it should be reckoned as one of the two syntypes.

Current name : *Talpa micrura leucura* Blyth

8. *Talpa cryptura* Blyth

1843. *J. Asiat. Soc. Beng.*, Calcutta, 12 : 177.

Syntype : Reg. No. 15554 (=A. S. B. No. 269B,=I. M. No. 226b); ad. ♀; specimen in spirit (skull not traceable; *no date*; purchased; 1842.

Blyth's (*loc. cit.*) description was based on two specimens, a dry skin and another in spirit. The dry skin could not be traced. Anderson (1881) listed only an adult female as type.

Current name : *Talpa micrura micrura* Hodgson

Family SORICIDAE

9. *Soriculus gracilicauda* Anderson

1877. *J. Asiat. Soc. Beng.*, Calcutta, 46 (2) : 282.

Holotype : Reg. No. 15545 (=I. M. No. 250b); ad. ♂; specimen and skull in spirit; Sikkim; 2 Sept 1871; W. T. Blanford collector.

Current name : *Soriculus caudatus caudatus* Horsfield

10. *Sorex swinhoei* Blyth

1859. *J. Asiat. Soc. Beng.*, Calcutta, 28 : 285.

Holotype : Reg. No. 15548 (=A. S. B. 246C,=I. M. No 232a); ad. unsexed; Specimen and skull in spirit; Amoy, China; 1854; R. Swinhoe collector.

Current name : *Suncus murinus murinus* (Linnaeus)

11. *Crocidura beddomei* Anderson

1881. *Catal. Mammals Indian Mus.*, Calcutta, p. 179.

Syntypes : Reg. Nos. 15539 (=I. M. No. 230a); ad. ♂; specimen in spirit, skull separate; 15540 (=I. M. No. 230b); subad. ♂; specimen and skull in spirit; 15541 (=I. M. No. 230d); ad. ♀; only skull;

Kollegal Hills, Coimbatore District, Madras [=Tamil Nadu], India; 25 Nov 1878; R. H. Beddome collector.

Another syntype, I. M. No. 230c, cannot be traced.

Current name : *Suncus murinus murinus* (Linnaeus)

12. *Crocidura (Pachyura) pealana* Anderson

1877. *J. Asiat. Soc. Beng.*, Calcutta, 46 : 267.

Syntypes : Reg. No. 15535, 15536 (=I. M. Nos. 231 w, x), ad. ♀, specimens in spirit, skull untraceable; Sibsagar, Assam, India, 20 Dec 1875; S. E. Peal donor.

Current name : *Suncus murinus murinus* (Linnaeus)

13. *Crocidura (Pachyura) rubicunda* Anderson

1877. *J. Asiat. Soc. Beng.*, Calcutta, 46 : 267.

Holotype : Reg. No. 15515 (=I. M. No. 237a); ad. ♂ specimen in spirit, skull separate; Parasnath Hills, Hazaribagh District, Bihar; 1874; F. Stoliczka collector.

Current name : *Suncus murinus murinus* (Linnaeus)

14. *Sorex albinus* Blyth

1960. *J. Asiat. Soc. Beng.*, Calcutta, 29 : 90.

Holotype : Reg. No. 15552 (=A. S. B. 245 A=I. M. No. 231v); ad. unexed; skin untraceable, only fragment of skull present, Amoy, China; 1859; R. Swinhoe donor.

Current name : *Suncus murinus murinus* (Linnaeus)

15. *Sorex kelaarti* Blyth

1855. *J. Asiat. Soc. Beng.*, Calcutta, 24 : 32.

Holotype : Reg. No. 15516 (=A. S. B. 252A,=I. M. No. 244a); young ♀; specimen in spirit, skull separate; Galle; Ceylon; 1854; E. F. Kelaart collector.

Current name : *Suncus murinus montanus* (Kelaart)

16. *Sorex viridescens* Blyth

1859. *J. Asiat. Soc. Beng.*, Calcutta, 28 : 285.

Type ? : Reg. No. 15546, 15547 (=A. S. B. 246 G,H,=I.M. No. 231 cc, dd); 2 ad. ♂; study skin and skulls; Malabar, Kerala, India; Jan 1859; H. Baker collector.

Blyth (1859) based the description of this species on a flat skin without tail and with only one hind foot, which bore A.S.B. No. 246 F (Blyth, 1863). Anderson (1881), however, listed two specimens, of which one a flat skin, as types of the species. At present, however, no imperfect nor any flat skin can be traced. The other specimen given by Anderson as type is obviously not any type specimen.

Current name : *Suncus murinus viridescens* (Blyth)

17. *Sorex kandianus* Kelaart

1852. *Prodr. Faun. Zeyl., Ceylon.* : 30.

Holotype : Reg. No. 15550 (=A. S. B. No. 248 A, =I. M. No. 231 ff); ad. ♂; skin and skull; Kandy, Ceylon; 1852; E. F. Kelaart collector.

Current name : *Suncus murinus kandianus* (Kelaart)

18. *Sorex niger* Horsfield

1851. *Cat. Mamm. Mus. E. I. Co.*, London, : 135.

Syntype : Reg. No. 15549 (=I. M. No. 231 bb); unsexed ad.; study skin without skull; no date; Madras [=Tamil Nadu], India, presented by Lt. Col. W. H. Sykes to the Museum of the East Indian Co. London; represented to the Indian Museum, Calcutta, by the India Museum, London, through the Trustees of the British Museum, London, on 13 April 1880.

Horsfield (1851) did not mention the number of specimens he had. However, Anderson (1881) listed the above mentioned specimen as one of the Syntypes.

Current name : *Suncus murinus niger* (Horsfield)

19. *Crocidura (Pachyura) sindensis* Anderson

1877. *J. Asiat. Soc. Beng., Calcutta*, 46 : 266.

Holotype : Reg. No. 15520 (=I. M. No. 229 vv); ad. ♀; specimen in spirit, skull not traceable; Karachi, Sind, Pakistan; received in exchange from Karachi Museum, 2 Apr 1877.

Current name : *Suncus murinus sindensis* (Anderson)

20. *Crocidura (Pachyura) fulvocinerea* Anderson

1877. *J. Asiat. Soc. Beng., Calcutta*, 46 : 263.

Syntypes : Reg. Nos. 6726, 15543 (=I. M. Nos. 229 tt, ss); 1 ad. ♀; specimen and skull; 1 ad. ♂; skin without skull; in spirit; Gauhati, Assam, India; Oct 1872; Museum collector.

No specimen is found mentioned as type either in the original description or in Anderson's catalogue. From the particulars given in the original description, however, these two specimens appear to be the ones on which the description was based and thus they seem to be syntypes.

Current name : *Suncus murinus fulvocrinereus* (Anderson)

21. *Crocidura (Pachyura) blanfordi* Anderson

1877. *J. Asiat. Soc. Beng.*, Calcutta, 46 : 269.

Holotype : Reg. No. 15551 (=I. M. No. 231 gg) ad. ♀; study skin, skull not traceable; Khandala, Gujarat, India; 1871; W. T. Blanford collector.

Current name : *Suncus murinus blanfordi* (Anderson)

22. *Sorex atratus* Blyth

1855. *J. Asiat. Soc. Beng.*, Calcutta, 24 : 34.

Holotype : Reg. No. 15519 (=A. S. B. No. 256A,=I.M. No. 240f); ad. unsexed; badly damaged headless specimen in spirit; Cherrapunji, Assam [=Meghalaya], India; 1851; R. A. G. Firth collector.

Current name : *Suncus etruscus nudipes* (Blyth)

23. *Sorex nudipes* Blyth

1855. *J. Asiat. soc. Beng.*, Calcutta, 24 : 34.

Holotype : Reg. No. 15553 (=A. S. B. No. 254A,=I.M. No. 234a); ad. ♂; only skull (damaged); Amherst, Tenasserim, Burma; 1847 E. O. Reilly collector.

Blyth (1885) did not mention the number of the type specimens. Anderson (1881) mentioned 5 type specimens. Blyth (1863) has mentioned 6 specimens, 5 specimens, from Amherst presented by E. O. Reilly 1847 and one skull from Tenasserim presented by Major Berdmore (1856). Therefore, it is one of the Syntypes.

Current name : *Suncus etruscus nudipes* (Blyth)

24. *Sorex micronyx* Blyth

1855. *J. Asiat. Soc. Beng.*, Calcutta, 24 : 33.

Syntype : Reg. No. 15518 (=ASB No. 258B,=I. M. No. 240b); young ♂; specimen in spirit, skull not traceable; Masuri, Dehra Dun, U. P., India; 1852; L. C. Stewart collector.

In original description two specimens were mentioned but only one

specimen can now be traced in the collection. Anderson (1881) mentioned this specimen as one of the types.

Current name : *Suncus etruscus micronvx* (Blyth)

25. Crocidura (Pachyura) travancorensis Anderson

1877. *J. Asiat. Soc. Beng.*, Calcutta, 46 (2) : 275.

Holotype : Reg. No. 15517 (=I. M. No. 236a); ad. ♂; specimen in spirit, skull separate; Travancore, Kerala, India; 25 Nov 1871; H. Baker collector.

Current name : *Suncus etruscus perrotteti* (Duvernoy)

26. Crocidura (Pachyura) bidiana Anderson

1877. *J. Asiat. Soc. Beng.*, Calcutta, 46 (2) : 276.

Holotype : Reg. No. 15514 (=I. M. No. 233a); ad. ♂; specimen in spirit, skull separate (damaged); Madras [=Tamil Nadu], India; 13 Dec 1876; received from the Central Museum, Madras, in exchange.

Current name : *Suncus stoliczkanus stoliczkanus* (Anderson)

27. Crocidura (Crocidura) kingiana Anderson

1877. *J. Asiat. Soc. Beng.*, Calcutta, 46 (2) : 281.

Syntypes : Reg. No. 15526, 15527, 15528 (=I. M. No. 241i, j, k) 3 ad. ♂; specimens with skulls in spirit, skull of Reg. No. 15528 is separate; Mungpu, Sikkim, 6 Mar 1877; G. king collector.

Current name : *Crocidura attenuata kingiana* Anderson

28. Crocidura (Crocidura) rubricosa Anderson

1877. *J. Asiat. Soc. Beng.*, Calcutta, 46 (2) : 280.

Syntypes : Reg. No. 15529, 15530, 15531 & 15532 (=I. M. Nos. 241 a, b, c, d); 1 ad. ♂, 2 adol. ♂♂ and 1 adol. ♀; specimens in spirit, skulls separate, that of no. 15531 untraceable; Sibsagar, Assam, India; 1887; S. E. Peal collector.

Current name : *Crocidura attenuata rubricosa* Anderson

29. Sorex fuliginosus Blyth

1855. *J. Asiat. Soc. Beng.*, Calcutta, 24 : 362.

Syntypes : Reg. No. 15533, 15534 (=ASB No. 253A, B, =I. M. No. 242 a, b); 1 ad. ♀, 1 adol. ♂; specimens in spirit, skulls separate; Tenasserim Province, Burma; 1855; Major Berdmore, donor.

Current name : *Crocidura fuliginosa* (Blyth)

30. Anourosorex assamensis Anderson

1875. *Ann. Mag. nat. Hist.*, London, **16** : 282.

Holotype : Reg. No. 15544 (=I.M. No. 228a); ad. ♀; study skin and complete skeleton; between Sibsagar and Jaipur, Assam, India: Sept 1871; S. E. Peal collector.

Four newly born young of the holotype are kept in a separate bottle.

Current name : *Anourosorex assamensis* Anderson

Order CHIROPTERA

Family PTEROPIDAE

31. Pteropus hypomelanus maris Allen

1936. *Rec. Indian Mus.*, Calcutta, **38** : 343.

Holotype : Reg. No. 10932; ad. unsexed, specimen in spirit; skull separate; Heratara, Addu Atoll, Maldive Archipelago, Ceylon. 1922; Marine Survey collector.

Current name : *Pteropus hypomelanus maris* Allen

32. Pteropus melanotus Blyth

1863. *Cat. Mamm. Mus. Asiat. Soc. Beng.*, Calcutta, p. 20.

Syntypes : Reg. No. 15643, 15644 (=A. S. B. No. 52A, B, =I. M. No. 92 b, c); 1 ad. ♀, 1 juv. ♀; study skins, skull of 15643 present but that of 15644 untraceable; Nicobar Islands, India; 1846; Capt. H. Lewis collector.

Current name : *Pteropus melanotus melanotus* Blyth

33. Cynopterus brachysoma Dobson

1871. *J. Asiat. soc. Beng.* Calcutta, **40** : 260.

Holotype : Reg. No. 15637 (=I. M. No. 99a); ad. ♀, specimen in spirit, skull separate; Andaman Islands, India; 1871; F. Stoliczka collector.

Current name : *Cynopterus brachyotis brachysoma* Dobson

34. Cynopterus marginatus var. **andamanensis** Dobson

1873. *Proc. Asiat. Soc. Beng.*, Calcutta, p. 148.

Syntypes : Reg. No. 15638, 15639, 15640, 15641, 15642 (=I. M. No. 92x, w, z, bb', dd); 4 ad. ♂♂ and 1 ad. ♀; specimens with skulls in

spirit; Andaman Islands, India 1864; R. C. Tytler (No. x, w, z); 1872; J. Wood Mason (No. bb); 1872; J. Homfray (No. dd) collectors.

Although Dobson (*loc. cit.*) did not record the number of specimens on which he based his description, Anderson (1881) listed eight examples as types. Of these, the above mentioned five specimens can now be traced.

Current name : *Cynopterus brachyotis brachyosoma* Dobson

35. *Macroglossus spelaea* Dobson

1871. *Proc. Asiat. Soc. Beng.*, Calcutta, p. 105.

Holotype : Reg. No. 15618 (=I. M. No. 100a); ad. ♀; specimen with skull in spirit; Farm Caves, Moulmein Burma; 1872; W. Theobald collector.

Current name : *Eyonycteris spelaea* (Dobson)

Family EMBALLONURIDAE

36. *Taphozous theobaldi* Dobson

1872. *Proc. Asiat. Soc. Beng.*, Calcutta, p. 152.

Syntype : Reg. No. 15612 (=I. M. No. 187 b); ad. ♀; specimen with skull in spirit; Tenasserim, Burma; 1855; W. Theobald collector.

The other specimen collected by Theobald from the same locality in 1855, as mentioned by Dobson (*loc. cit.*) and Anderson (1881), cannot now be traced.

Current name : *Taphozous theobaldi theobaldi* Dobson

37. *Taphozous kachhensis* Dobson

1872. *J. Asiat. Soc. Beng.*, Calcutta, 42 (2) : 221.

Holotype : Reg. No. 15607 (=I. M. No. 1891 on the bottle and on the metallic label No. 1899, is given which seems to be a mistake because in I. M. Cat. there is no such number); =♂; specimen in spirit; skull separate; Kachha(=Kutch), Gujarat, India; 1872; F. Stoliczka donor.

Current name : *Taphozous kachhensis kachhensis* Dobson

Family MEGADERMATIDAE

38. *Megaderma horsfieldi* Blyth

1863. *Cat Mamm. Mus. Asiat. Soc. Beng.*, Calcutta, p. 23.

Syntypes : Reg. No. 15601, 15602 (=A. S. B. No. 60A, B, =I. M. No. 134 d, e); 1 ad. ♂, 71 ad. ♀♀; specimens with skulls in spirit; Tenasserim, Burma; Jun 1855; W. Theobald collector.

Current name : *Megaderma spasma horsfieldi* Blyth

Family RHINOLOPHIDAE

39. *Rhinolophus brevitorsus* Blyth

1863. *Cat. Mamm. Mus. Asiat. Beng.*, Calcutta, p. 24

Holotype : Reg. No. 15647 (=A. S. B. No. 65A, =I. M. No. 116 e); unsexed; study skin with skull (damaged); Darjeeling, West Bengal, India; 1875; W. T. Blanford donor.

Current name : *Rhinolophus ferrumequinum tragatus* Hodgson

40. *Rhinolophus garoensis* Dobson

1872. *J. Asiat. Soc. Beng.*, Calcutta, 41 : 337.

Holotype : Reg. No. 15567 (=I. M. No. 113a); ad. ♀; specimen in spirit, skull separate; Garo Hills, Assam; [=Meghalaya], 1871; H. H. Godwin-Austen collector.

Current name : *Rhinolophus subbadius* Blyth

41. *Rhinolophus macrotis* Blyth

1844. *J. Asiat. Soc. Beng.*, Calcutta, 13 : 485.

Holotype : Reg. No. 15568 (=A. S. B. No. 70A, =I. M. No. 108a); ad. ♀; specimen with skull in spirit; Nepal; 1842; B. H. Hodgson collector.

Current name : *Rhinolophus macrotis macrotis* Blyth

42. *Rhinolophus andamanensis* Dobson

1872. *J. Asiat. Soc. Beng.*, Calcutta, 41 : 337.

Holotype : Reg. No. 15561 (=I. M. No. 110a); ad. ♂; specimen in spirit, skull separate; South Andaman Islands, India; 1872; J. Homfray collector.

Current name : *Rhinolophus andamanensis* Dobson

43. *Rhinolophus petersii* Dobson

1872. *J. Asiat. Soc. Beng.*, Calcutta, 41 : 337.

Syntype : Reg. No. 15562, 15563 (=I. M. No. 111a, b); 2 ad. ♂♂; specimens and skulls in spirit; no history.

Current name : *Rhinolophus petersii* Dobson

Subfamily Hipposiderinae

44. **Hipposideros larvatus grandis** Allen

1936. *Rec. Indian Mus.*, Delhi, **38** : 345.

Holotype : Reg. No. 10666; ad. ♂; only study skin, skull not found; Hkamti, Upper Chindwin River, Burma; Jun 1914; G. C. Shortridge collector.

Current name : *Hipposideros larvatus grandis* Allen

45. **Phyllorhina leptophylla** Dobson

1874. *J. Asiat. Soc. Beng. Calcutta*, **43** : 234.

Holotype : Reg. No. 15613 (=I. M. No. 125 a); ad. ♂, specimen in spirit, skull separate; Khasi Hills, Assam, [=Meghalaya], India; 1870; H. H. Godwin-Austain collector.

Current name : *Hipposideros larvatus leptophyllus* (Dobson)

46. **Phyllorhina masoni** Dobson

1872. *J. Asiat. Soc. Beng.*, Calcutta, **41** : 338.

Holotype : Reg. No. 15606 (=I. M. No. 1261); ad. ♂, specimen in spirit, skull separate; Moulmein, Burma; 1872; Capt. I. H. Hood collector.

Current name : *Hipposideros diadema masoni* (Dobson)

47. **Phyllorhina nicobarensis** Dobson

1871. *J. Asiat. Soc. Beng.*, Calcutta, **40** : 262.

Holotype : Reg. No. 15617 (=I. M. No. 127 a); ad. ♀, specimen in spirit, skull not found; Nicobar Islands; India; 1871, F. Stoliczka collector.

Current name : *Hipposideros nicobarensis* (Dobson)

48. **Asellia stoliczkana** Dobson

1871. *Proc. Asiat. Soc. Beng.*, Calcutta, p. 106.

Holotype : Reg. No. 8946 (=I. M. No. 123 a); ad. ♂; specimen in spirit, skull separate; Penang, Malay Peninsula; Malaysia; 1871; F. Stoliczka donor.

Current name : *Asellia stoliczkana* Dobson

49. *Triaenops persicus* Dobson

1871. *J. Asiat. Soc. Beng.*, Calcutta, 40 : 455.

Syntypes : Reg. No. 15589, 15590 (=I. M. No. 120 a, b); 2 ad ♀♀; specimens with skulls in spirit; Shiraj, Persia [=Iran]; 1890; Lt. Col. St. John donor.

Dobson's (*loc. cit.*) original description was based on more than one specimens. Anderson (1881) mentions three specimens, *viz.*, I. M. Nos. 120a, b, c, as types. The specimen bearing the No. 120 c, cannot be traced now.

Current name : *Triaenops persicus* Dobson

Family MOLOSSIDAE

50. *Nyctinomus insignis* Blyth

1861. *J. Asiat. Soc. Beng.*, Calcutta, 30 : 90.

Holotype : Reg. No. 15604 (=A. S. B. No. 87 A, =I. M. No. 195 a); ad. ♂; specimen with skull in spirit; Amoy, China; 1860; R. Swinhoe donor.

Current name : *Tadarida teniotis insignis* (Blyth)

51. *Nyctinomus tragatus* Dobson

1874. *J. Asiat. Soc. Beng.*, Calcutta, 43 : 143.

Holotype : Reg. No. 15461 (=A. S. B. No. 88F, =I. M. No. 196a); ad. ♂; specimen and skull in spirit; Calcutta, West Bengal, India; other particulars not known.

Current name : *Tadarida aegyptiaca* (Geoffroy)

52. *Molossus* (*Nyctinomus*) *johorensis* Dobson

1873. *Proc. Asiat. Soc. Beng.*, Calcutta, p. 22.

Holotype : Reg. No. 15603 (=I. M. No. 198a); ad. ♂; specimen in spirit, skull separate; Johore, Malay Peninsula; Malaysia, 1872; J. Wood-Mason donor.

Current name : *Nyctinomus johorensis* (Dobson)

Family VESPERTILIONIDAE

53. *Vespertilio blanfordi* Dobson

1871. *Proc. Asiat. Soc. Beng.*, Calcutta, p. 214.

Syntypes : Reg. No. 15584, 15585 (=I. M. No. 179c, d), 1 ad. ♂ and 1 ad. ♀; specimens with skull in spirit; Laching, Sikkim; 1872; W.T. Blanford donor.

Current name : *Myotis mystacinus caliginosus* (Tomes)

54. *Vespertilio nipalensis* Dobson

1871. *Proc. Asiat Soc. Beng.*, Calcutta, p. 214.

Holotype : Reg. No. 155573 (=I. M. No. 172a); ad. ♀; specimen in spirit, skull separate; Kathmandu, Nepal; 1871; Museum collector.

Current name : *Myotis mystacinus nipalensis* (Dobson)

55. *Vespertilio montivagus* Dobson

1874. *J. Asiat. Soc. Beng.*, Calcutta, 43 : 237.

Syntypes : Reg. No. 155579, 15580, 15581 (=I. M. No. 178 a, b, c); 1 ad. ♂ and 2 ad. ♀♀; specimens with skulls in spirit; Hotha, Yunnan, China; 1868; J. Anderson collector. (Presented by 1st Expedition to Yunnan).

Anderson (1891) listed one adult male and four adult female specimens as types, out of them, only the three above mentioned specimens can now be traced.

Current name : *Myotis mystacinus montivagus* (Dobson)

56. *Vespertilio desertorum* Dobson

1875. *Ann. Mag. nat. Hist.*, London, 16 : 309.

Syntypes : Reg. Nos. 155574-15578 (=I. M. No. 173a, b, c, d, e); 5 ad. ♀♀; specimens and skulls in spirit; Jalk, Baluchistan, Pakistan; 1872; W. T. Blanford collector (Persian Boundry commission).

Dobson (*loc. cit.*) did not designate any type for this species. Since these five specimens were all available to him at the time of describing the bat, as listed by Anderson (1881) although not as types, they are accepted as syntypes.

Current name : *Myotis emarginatus desertorum* (Dobson)

57. *Vespertilio murinoides* Dobson

1873. *J. Asiat. Soc. Beng.*, Calcutta, 42 : 205.

Holotype : Reg. No. 15586 (=I. M. No. 176a); ad. ♀; specimen and skull in spirit; Chamba, Himanchal Pradesh (=N. W. Kashmir), India; 1873; H. M. L. Hutchinson collector.

Current name : *Myotis ? blythi dobsoni* (Trouessart)

58. Vespertilio auratus Dobson

1871. *J. Asiat. Soc. Beng.*, Calcutta, 40 : 180.

Holotype : Reg. No. 15587 (=I. M. No. 177d); ad. unsexed; specimen with skull (damaged, in spirit; Darjeeling, W. Bengal, India; 1871; Dr. F. Stoliczka collector.

Current name : *Myotis formosus formosus* (Hodgson)

59. Vespertilio dobsoni Anderson

1881. *Cat. Mamm. Ind. Mus.*, Calcutta, p. 143.

Syntypes : Reg. No. 15582, 15583 (=I. M. No. 180a, b); 1 ad. ♀ and 1 young ♀; specimens and skulls in spirit; Purneah, Bihar, India; 20 May 1875; S. J. Shillingford collector.

Current name : *Myotis ? formosus andersoni* (Trouessart)

60. Vespertilio longipes Dobson

1873. *Proc. Asiat. Soc. Beng.*, Calcutta, p. 110.

Syntype : Reg. No. 15588 (=I. M. No. 169a); ad. ♂; specimen in spirit, skull separate; Caves of Bhim Devi, Kashmir, India; 1872; Capt. W. G. Murray collector.

Anderson (1881) mentioned two specimens as types but one of them; I. M. No. 169-d is not found.

Current name : *Myotis longipes* (Dobson)

61. Kerivoula pallida Blyth

1863. *Cat. Mamm. Mus. Asiat. Soc. Beng.*, Calcutta, p. 34.

Syntypes : Reg. No. 15654–15657 (=A. S. B. No. 108A. B, C, D, =I. M. No. 177e, f, g, h); 4 ads. unsexed; study skins with skulls except No. 15656 of which skull is not traceable; Chaibasa, Bihar, India; 1842; S. R. Tickell collector.

Current name : *Myotis formosus formosus* (Hodgson)

62. Vesperugo nasutus Dobson

1877. *J. Asiat. Soc. Beng.*, Calcutta, 46 : 311.

Holotype : Reg. No. 15659 (=I. M. No. 142a); ad. ♂; specimen in spirit, skull separate; little east of Rohri, Sind, West Pakistan; 9 Aug 1878; W. T. Blanford donor.

Current name : *Eptesicus nasutus nasutus* (Dobson)

63. **Vesperugo (Vesperus) pachyotis** Dobson1871. *Proc. Asiat. Soc. Beng.*, Calcutta, p. 211.

Syntypes : Reg. No. 16446, 16447 (=I. M. No. 145a, b); 1 ad. ♂ and 1 ad. ♀; specimens with skulls in spirit; Khasi Hills, Assam, [= Meghalaya] India; 1872; J. H. Bourne donor.

Current name : *Eptesicus pachyotis* (Dobson)

64. **Vesperus shiraziensis** Dobson1871. *J. Asiat. Soc. Beng.*, Calcutta, 40 : 459.

Syntypes : Reg. No. 15645, 15646 (=I. M. No. 140a, b); 2 ad. ♀♀; study skins and skulls; Shiraz, Persia; [Iran]; 1869; Museum collector.

Current name : *Eptesicus serotinus shiraziensis* (Dobson)

65. **Vesperus andersoni** Dobson1871. *Proc. Asiat. Soc. Beng.*, Calcutta, p. 211.

Syntype : Reg. No. 15658 (=I. M. No. 141a) ad. ♂; study skin and skull; Teng-yue-chow, Momein, Yunnan, China; 1868; J. Anderson collector (Presented by Ist Expedition to Western Yunnan).

Current name : *Eptesicus serotinus andersoni* (Dobson)

66. **Nycticejus atratus** Blyth1863. *Cat. Mamm. Mus. Asiat. Soc. Beng.*, Calcutta, p. 31.

Syntypes : Reg. No. 16444, 16445, (=A. S. B. No. 96A, B, =I. M. No. 143a, b); 2 ad. ♀♀; specimens with skulls (damaged) in spirit; Darjeeling, West Bengal, India; 1853; W. S. Sherwill collector.

Out of the three syntypes of Blyth, only the above mentioned two specimens can now be traced. Anderson (1881) and Wroughton (1918) had both listed these two specimens as types.

Current name : *Eptesicus tatei* (Ellerman & Morrison-Scott)

67. **Pipistrellus affinis** Dobson1871. *Proc. Asiat. Soc. Beng.*, Calcutta, p. 213.

Holotype : Reg. No. 15592 (=I. M. No. 151a); ad. ♀; specimen in spirit; skull not found; Bhamo, Burma; 1868; J. Anderson collector

Current name : *Pipistrellus affinis* Dobson

68. **Nycticeius canus** Blyth

1863. *Cat. Mamm. Mus. Asiat. Soc. Beng.*, Calcutta, p. 32.

Syntypes : Reg. No. 15648, 15649 (=A. S. B. No. 99A, B, =I. M. No. 154a, b); 2 ad. unsexed; study skins with skulls inside (badly damaged); no history.

Blyth (*loc. cit.*) did not indicate exact number of types but there is mention of "a series of stuffed specimens" but Anderson (1881) and Wroughton (1918) considered these specimens as types.

Current name : *Pipistrellus kuhli kuhli* (Kuhl)

69. *Vespertilio* (*Pipistrellus*) *leucotis* Dobson

1872. *J. Asiat. Soc. Beng.*, Calcutta, 41 : 222.

Holotype : Reg. No. 15616 (=I. M. No. 154 p); ad. ♂; specimen and skull in spirit; Rajanpur, Punjab; India; 1871; W. F. Murray collector.

Current name : *Pipistrellus kuhli kuhli* (Kuhl)

70. *Pipistrellus austenianus* Dobson

1871. *Proc. Asiat. Soc. Beng.*, Calcutta, p. 213.

Holotype : Reg. No. 15594 (=I. M. No. 150 b); ad. ♀; specimen and skull in spirit; Cherrapunjee, Assam [=Meghalaya], India 1871; H. H. Godwin-Austien collector.

Current name : *Pipistrellus ? savii austenianus* Dobson

71. *Pipistrellus annectens* Dobson

1871. *Proc. Asiat. Soc. Beng.*, Calcutta, p. 213.

Holotype Reg. No. 15595 (=I. M. No. 155. a); ad. ♀; specimen with skull in spirit; Samagooting, Naga Hills [=Nagaland], Assam, India 1871; J. Butler collector.

Current name : *Pipistrellus annectans* Dobson

72. *Nicticejus tickelli* Blyth

1851. *J. Asiat. Soc. Beng.*, Calcutta, 20 : 157.

Syntypes : Reg. No. 15650–15652 (=A. S. B. No. 95 A, B, C=I. M. No. 156 a, b, c); 3 ad. unsexed; study skins and skulls, skull of No. 15650 not found; Chaibasa, Bihar, India; 1842; S. R. Tickell collector.

Current name : *Hesperoptenus tickelli* (Blyth)

73. *Vesperugo* (*Hesperoptenus*) *blanfordi* Dobson

1877. *J. Asiat. Soc. Beng.*, Calcutta, 46 : 312.

Holotype : Reg. No. 15593 (=I. M. No. 157 a); ad. ♂; specimen in spirit, skull not found; east of Moulmein, Tenasserim, Burma; 1872; Limborg collector.

Current name : *Hesperoptenus blanfordi* (Dobson)

74. *Scotophilus fulvidus* Blyth

1859. *J. Asiat. Soc. Beng.*, Calcutta, 28 : 293.

Syntypes : Reg. No. 15619, 15620, 15621 (=A. S. B. No. 130 A, B, C, =I.M. No. 146 a, b, c); 3 ad. ♀♀; specimens and skulls in spirit; Shwe Gayen, Tenasserim Province, Burma; 1858, Major Berdmore collector.

At the time of describing the species, Blyth (1859) had access to the only three specimens listed above. Anderson (1881), however, mentioned five specimens as 'types'.

Current name : *Tylonycteris pachypus fulvida* (Blyth)

75. *Scotophilus pallidus* Dobson

1876. *Monograph of Asiatic Chiroptera, I. M.*, Calcutta, P. 186.

Holotype : Reg. No. 15615 (=I. M. No. 161 a), ad. ♀; specimen with separate skull in spirit; Mian Mir, Lahore, Pakistan; 1875; J. S. Gunn collector.

Current name : *Nycticeius pallidus* (Dobson)

76. *Nycticejus emarginatus* Dobson

1871. *Proc. Asiat. Soc. Beng.*, Calcutta, p. 211.

Holotype : Reg. No. 15614 (=I. M. No. 160 a); ad. ♀; specimen and skull in spirit; no history.

Current name: *Nycticeius emarginatus* (Dobson)

77. *Nycticejus ornatus* Blyth

1851. *J. Asiat. Soc. Beng.*, Calcutta, 20 : 517

Type ? : Reg. No. 15653 (=A. S. B. No. 90b, =I. M. No. 162a); ad. unsexed; study skin (in bad condition), skull not found; Darjeeling, West Bengal, India; 1858; purchased.

According to Blyth (*loc. cit.*), the type locality is Cherrapunjee, Assam. Blyth (1863) mentioned two specimens, one from Cherrapunjee and other from Darjeeling. Anderson (1881) mentioned only the specimen from Darjeeling as type, no specimen from Cherrapunjee was mentioned. Wroughton (1918) also mentioned the Darjeeling specimen as type. As there is no specimen from Cherrapunjee in Z. S. I. collection. It is difficult to ascertain whether this specimen is actually 'type' or not.

Current name : *Scotomanes ornatus ornatus* (Blyth)

78. *Miniopterus pusillus* Dobson

1876. *Monogr. Asiat. Chiroptera, I. M.*, Calcutta, p. 162.

Holotype : Reg. No. 15591 (=I. M. No. 185dd); ad. ♀; specimen and skull in spirit, Nicobar Islands, India; 1871; F. Stoliczka collector.

Current name : *Miniopterus australis pusillus* Dobson

79. *Murina cyclotis* Dobson

1872. *Proc. Asiat. Soc. Beng.*, Calcutta, p. 210.

Holotype : Reg. No. 15605 (=I. M. No. 166a); ad. ♀; specimen in spirit; skull separate; Darjeeling, West Bengal, India; no date, no name of collector.

Current name : *Murina cyclotis cyclotis* Dobson

80. *Pipistrellus peguensis* Sinha

1969. *Proc. zool. Soc. Calcutta*, 22 : 83.

Holotype : Reg. No. 19256; ad. ♂; specimen with skull in spirit; Pegu, Burma; 13 Nov 1915; J. M. D. Mackenzie collector.

Paratypes : 3 ♀♀, 2 ♂♂; Reg. No. 15257-15261; other particulars as for the holotype.

Current name : *Pipistrellus peguensis* Sinha

Order PRIMATES

Family CERCOPITHECIDAE

81. *Inuus leoninus* Blyth

1863. *Cat. Mamm. Mus. Asiat. Soc. Beng.*, Calcutta; p. 7.

Syntype : Reg. No. 11823 (=A. S. B. No. 14A, = I. M. No. 43a); ad. ♂, study skin, skull not found; Arakan, Burma; 1844; A. P. Phayre collector.

Blyth (*loc. cit.*) had an adult male and a young specimen at the time of describing the species. Of these two syntypes only the adult male listed above can now be traced. This specimen has also been mentioned as type by Anderson (1881) and Wroughton (1918, p. 155).

Current name : *Macaca nemestrina leonina* (Blyth)

82. *Semnopithecus hypoleucos* Blyth

1841. *J. Asiat. Soc. Beng.*, Calcutta, 10 : 839.

Holotype : Reg. No. 11844 (=A. S. B. No. 299, =I. M. No. 13a):

ad. ♂; study skin and skull; Travancore, Kerala, India; 1841; W. Coles collector.

Current name : *Presbytis entellus hypoleucos* (Blyth)

83. *Presbytis priamus* Blyth

1847. *J. Asiat. Soc. Beng.*, Calcutta, 16 : 732.

Holotype : Reg. No. 11948 (=A. S. B. No. 30A,=I. M. No. 12a); ad. ♀; study skin, skull not found; Coromandal Coast, Tamil Nadu, India; 1847; Sir Walter Elliot donor.

On the label of the specimen it is written a Paratype, obviously an error.

Current name : *Presbytis entellus priam* Blyth

84. *Presbytis thersites* Blyth

1847. *J. Asiat. Soc. Beng.*, Calcutta, 16 : 1271.

Holotype : Reg. No. 11837 (=A. S. B. No. 30C,=I. M. No. 12c); ad. unsexed; study skin, skull not found; Trincomalee, Ceylon; 1845; Sir Walter Elliot donor.

Current name : *Presbytis entellus thersites* Blyth

85. *Presbytis ursinus* Blyth

1851. *J. Asiat. Soc. Beng.*, Calcutta, 20 : 155.

Syntype : Reg. No. 11891 (=A. S. B. No. 33A,=I. M. No. 15p); ad. ♂; study skin with skull inside; Nuwara, Eliya, Ceylon; 1847. E. F. Kelaart collector.

Blyth (1851) in original description did not mention the number of specimens but in his cat. (1863) he listed 1 ad. ♂ and 2 young ones and above specimen is one of them.

Current name : *Presbytis senex monticola* Kelaart

86. *Semnopithecus pyrrhus* Horsfield

1823. *Zool. Res. Java*, p. 7, pl. 3.

Syntype : Reg. No. 12189 (=I. M. No. 181); ad. ♀; study skin and skull (damaged); Java; (=Indonesia), presented through the Trustees of B. M., London; 13 Jan. 1880.

Current name : *Presbytis cristatus cristatus* (Raffles)

87. *Presbytis barbei* Blyth

1847. *J. Asiat. Soc. Beng.*, Calcutta, 16 : 734.

Syntypes : Reg. No. 11837, 11876 (=A. S. B. No. 36 A, B,=I. M. No. 19 a, b); 1 ad. ♂ and 1 ad. ♀; study skins and skull of ♂; Ye Tenasserim, Burma [=corrected to Tipperah Hills, Tripura, India]; 1845; J. Barbe collector.

Blyth (*loc. cit.*) described Ye, Tenasserim, Burma as the type locality but later (1863) he pointed out that actually specimens were collected from Tipperah Hills.

Current name : *Presbytis cristatus atrior* Pocock

88. *Semnopithecus pileatus* Blyth

1843. *J. Asiat. Soc. Beng.*, Calcutta, 12 : 174.

Holotype : Reg. No. 15389 (=A. S. B. No. 31D,=I. M. No. 14d); ad. ♀; study skin, skull not found; ? Malaya, Malayasia, presented by Barrackpore Managerie, 1843.

The specimen was presented by Barrackpore Managerie but originally it was brought from Malaya and so it becomes the type locality.

Current name : *Presbytis pileatus pileatus* (Blyth)

89. *Semnopithecus phayrei* Blyth

1847. *J. Asiat. Soc. Beng.*, Calcutta, 16 : 733.

Holotype : Reg. No. 11845 (=A. S. B. No. 38A,=I. M. No. 20a); ad. ♂; study skin and skull; Arakan, Burma; 1844; A. P. Phayre collector.

Current name : *Presbytis phayrei phayrei* (Blyth)

90. *Semnopithecus holotephreus* Anderson

1878. *Anat. Zool. Res. Yunnan*, London, P. 27.

Holotype : Reg. No. 12230 (=I. M. No. 21a); ad. ♂; only skull; locality unknown; 29 Oct 1872; W. Rutledge collector.

Description based only on the skull.

Current name : *Presbytis holotephreus* (Anderson)

91. *Semnopithecus rutledgei* Anderson

1878. *Anat. Zool. Res. Yunnan*, London, P. 38.

Holotype : Reg. No. 11846 (=I. M. No. 22b); ad. ♀; study skin and skull without lower jaw; locality unknown; 18 Sept 1871; W. Rutledge Collector.

Current name : *Presbytis cristatus rutledgei* (Anderson)

92. *Presbytis geei* Khajuria

1956. *Ann. Mag. nat. Hist.*, London, 124: 86.

Holotype : Reg. No. 12407; ad. ♀; study skin and skull without lower jaw; Jamduar, Goalpara district; Assam; India, 4 April 1955; H. Khajuria collector.

Paratypes : Reg. Nos. 12408, 12409; 2 ♀♀, study skins and skulls; other particulars as for the holotype; 4 Apr 1955.

Current name : *Presbytis geei* Khajuria

Order PHOLIDOTA

Family MANIDAE

93. *Manis leucura* Blyth

1847. *J. Asiat. Soc. Beng.*, Calcutta, 16 : 1274.

Syntype : Reg. No. 15390 (=A. S. B. No. 555C); unsexed. study skin, skull not found; Arakan, Burma; 1844; A. Phayre collector.

Current name : *Manis javanica* Desmarest

Order CARNIVORA

Family CANIDAE

94. *Vulpes pusillus* Blyth

1854. *J. Asiat. Soc. Beng.*, Calcutta, 23 : 729.

Syntype : Reg. No. 16541 (=A. S. B. No. 133A, =I. M. No. 1); unsexed, only skull (damaged), skin not found; Salt Range, Punjab, Pakistan; 1853; W. Theobald collector.

Current name : *Vulpes vulpes pusilla* Blyth

95. *Vulpes canus* Blanford

1877. *J. Asiat. Soc. Beng.*, Calcutta, 42 : 321.

Syntype : Reg. No. 7287; ad. unsexed; flat skin, skull not found; Gwadar, Baluchistan, Pakistan; 1877; Major Mockler collector.

Blanford (*loc. cit.*) mentioned three examples only one of which can now be traced.

Current name : *Vulpes cana* Blanford

Family MUSTELIDAE

96. *Martes leucolachnaea* Blanford

1879. *Second Yarkand Mission, Mamm.*, Calcutta, p. 26.

Holotype : Reg. No. 16540 (I. M. No. C); unsexed; only skull (mandible damaged), skin not found; Yarkand, China; 1874; F. Stoliczka collector.

Current name : *Martes foina intermedia* Severtzov

97. *Meles canescens* Blanford

1875. *Ann. Mag. nat. Hist.* London, 16 : 310.

Holotype : Reg. No. 16538 (=I. M. K.); ad. unsexed; study skin and skull (mandible incomplete); Abadah, between Shiraz and Isfahan, Persia [=Iran]; 1872; O. B. C. St. John collector. (Persian Boundary Commission 1870-1872).

Current name : *Meles canescens* Blanford

98. *Lutra ellioti* Anderson

1879. *Anat. Zool. Res. Yunnan*, London, p. 212.

Holotype : Reg. No. 16542 (=A. S. B. No. 214 G,=I. M. No. m), ad. ♂; flat skin, skull not found; Madras [=Tamil Nadu], India; no date; W. Elliot donor.

Current name : *Lutra perspicillata perspicillata* Geoffrey

Family VIVERRIDAE

99. *Viverra civettina* Blyth

1862. *J. Asiat. Soc. Beng.*, Calcutta, 31 : 332.

Holotype : Reg. No. 10393 (=A. S. B. No. 140A,=I. M. No. b) unsexed; study skin and skull (one ramus of lower jaw damaged); South Malabar, Kerala, India; 1845; Lord A. Hay collector.

Current name : *Viverra megaspilla civettina* Blyth

100. *Herpestes ferrugineus* Blanford

1874. *Proc. zool. Soc.*, London, p. 661.

Holotype : Reg. No. 16537 (=I. M. No. a); unsexed; flat skin (damaged) and skull; Larkhana, Sind, Pakistan; 1876; F. Day collector.

Current name : *Herpestes edwardsi ferrugineus* Blanford

Family FELIDAE

101. *Felis shawiana* Blanford

1876. *J. Asiat Soc. Beng.*, Calcutta, 45 : 49.

Syntype : Reg. No. 16539 (=I. M. No. a); unsexed; study skin; Yarkand, Turkestan, China; W. B. Shaw collector.

This specimen, listed by Sclater (1891) as "type" is one of the three available to Blanford (*loc. cit.*) while describing the species.

Current name : *Felis chaus chaus* Guldenstaedt

Order LAGOMORPHA

Family LEPORIDAE

102. *Lepus stoliczkanus* Blanford

1875. *J. Asiat. Soc. Beng.*, Calcutta, 44 : 110.

Syntypes : Reg. No. 15675, 15689 (=I. M. No. a, b); 2 unsexed; 10675 study skin with skull inside and 15689 only skin; Jigda, Altum Artash, Chinese Turkestan, China; 1874; F. Stoliczka collector.

Although Blanford (*loc. cit.*) did not specify the number of type specimens, the two above-mentioned were available to him while describing the species. Sclater (1891) also listed them as types.

Current name : *Lepus ? capensis stoliczkanus* Blanford

103. *Lepus peguensis* Blyth

1855. *J. Asiat. Soc. Beng.*, Calcutta, 24 : 471.

Holotype : Reg. No. 15660 (=A. S. B. No. 435A, =I. M. No. a); ad. unsexed; study skin and skull; Pegu, Burma; 1855; A. Phayre collector.

Current name : *Lepus peguensis peguensis* Blyth

104. *Lepus craspedotis* Blanford

1875. *Ann. Mag. nat. Hist.*, London, 16 : 313.

Holotype : Reg. No. 15672 (=I. M. No. a); ad. ♀; study skin and skull; Pishin, Baluchistan, Pakistan; 1872; W. T. Blanford collector.

Current name : *Lepus arabicus craspedotis* Blanford

105. *Lepus dayanus connori* Robinson

1918. *Rec. Indian Mus.*, Calcutta, 15 : 49.

Syntypes : Reg. No. 10278, 10279, 1 ♂ and 1 unsexed; 10278 only study skin and 10279 only skull; Karun River, between Ahwag and Mahammerah, [=Persia], Iran; 30 Oct 1917; F. P. Connor collector.

Current name : *Lepus europaeus connori* Robinson

106. *Lepus cutchensis* Kloss

1918. *Rec. Indian Mus.*, Calcutta, 15 : 91.

Holotype : Reg. No. 9827, ♂, study skin and skull; Bhuj, Kutch, Gujarat, India; 17 Aug 1911; the Bombay Natural History Society donor.

Current name : *Lepus (?) nigricollis cutchensis* Kloss

107. *Lepus hypsibius* Blanford

1875. *J. Asiat. Soc. Beng.*, Calcutta, 44 : 214.

Syntypes : Reg. No. 15673, 15674 (=I. M. No. a, b); 2 unsexed; study skins (bad condition) only, skulls not found; Kium, Changchemno Valley, Laddak, Kashmir, India; 1873; F. Stoliczka.

Current name : *Lepus oistolus hypsibius* Blanford

108. *Lepus sadiya* Kloss

1918. *Rec. Indian Mus.*, Calcutta, 15 : 95.

Holotype : Reg. No. 9165; unsexed; study skin and skull; Kobo, Sadiya, Div. NEFA, [=Arunachal], India; no date; S. W. Kemp collector.

The specimen label bears the collector's name as S. W. Kemp but in Z. S. I. Register it is given as Capt. R. L. Bigrell.

Current name : *Lepus sadiya* Kloss

Family OCHOTONIDAE

109. *Lagomys griseus* Blanford

1875. *J. Asiat. Soc. Beng.*, Calcutta, 44 : 111.

Syntypes : Reg. No. 15694, 15695 (=I. M. No. c, d); 2 unsexed; 15694 study skin with skull inside and 15695 head portion separated; Kuenlin mt., Tibet, China; 22 Oct 1873; E. Stoliczka collector.

Current name : *Ochotona macrotis macrotis* (Gunther)

110. *Lagomys auritus* Blanford

1875. *J. Asiat. Soc. Beng.*, Calcutta, 44 : 111

Holotype : Reg. No. 15696 (=I. M. No. a); unsexed; study skin and skull; Lukung, Pangong Lake, Laddak, Kashmir, India; 19 Sept 1973; F. Stoliczka collector.

Current name : *Ochotona macrotis macrotis* (Gunther)

111. ***Ochotona angadawai*** Biswas and Khajuria

1955. *Proc. zool. Soc.*, Calcutta, 8 : 26

Holotype : Reg. No. 12391; specimen in spirit, skull taken out and kept with the specimen; Khumbu glacier, ca 18000, West of Mt. Everest, Khumbu, Nepal; 22 Feb 1954; B. Biswas collector.

Current name : *Ochotona angadawai* Biswas and Khajuria

112. ***Ochotona mitchelli*** Agrawal & Chakravarty

1971. *Proc. zool. Soc.*, Calcutta, 24 : 41-46.

Holotype : Reg. No. 18492; 1 ad. ♀, study skin and skull; Gosain Kund (c 4750 M.), Nawakot, Nepal; 13 Sept 1968; R. M. Mitchell collector.

Current name : *Ochotona mitchelli* Agrawal & Chakravarty

Order RODENTIA

Family SCIURIDAE

113. ***Sciuropterus villosus*** Blyth

1847. *J. Asiat. Soc. Beng.*, Calcutta, 16 : 866.

Holotypes : Reg. No. 9488, 9489 (=I. M. No. e, f); 2 unsexed; 9488 study skin only, 9489 study skin and skull; North Assam [=Arunachal], India; 1845; F. Bonynge collector.

Current name : *Belomys pearsoni pearsoni* (Gray)

114. ***Pteromys petaurista*** var. ***cineraceus*** Blyth

1847. *J. Assiat. Soc. Beng.*, Calcutta, 16 : 865.

Syntype : Reg. No. 9485 (=A. S. B. No. 292A,=I. M. No. a); ♂; study skin and skull; Arakan, Burma; 1844; A. Phayre collector.

Blyth (*loc. cit.*) was having three type specimens, two adults and a young one; the above specimen is one of them.

Current name : *Petaurista petaurista cineraceus* (Blyth)

115. ***Petaurista nitida*** ***cicur*** Robinson & Kloss

1914. *Ann. Mag. nat. Hist.*, London, (8) 13 : 223.

Paratype : Reg. No. 10168; 1 ♂, skull only, Bangkok, Klap, Bandon,

N. E. Malaya Peninsula; 2 Jul 1913; H. C. Robinson & E. Scimund collectors. (Presented by Fed. Malaya State Museum).

Current name : *Petaurista nitida cicur* Robinson & Kloss

116. *Pteromys yunnanensis* Anderson

1875. *Ann. Mag. nat. Hist.*, London, 16 : 282.

Syntypes : Reg. No. 9486, 972 (=I. M. No. a, b); unsexed; only study skins; Momein, Yunnan, China; 1868; J. Anderson collector.

Anderson (*loc. cit.*) did not mention the number of type specimens. Sclater (1891) however, listed four examples (skins only) as types, of which the above two specimens can now be traced.

Current name : *Petaurista petaurista yunnanensis* (Anderson)

117. *Pteromys alborufus* Milne-Edwards

1870. *C. R. Acad. Sci. Paris*, Paris, 70 : 342.

Syntype : Reg. No. 15688 (=A. S. B. No. 292b,=I. M. No. j); unsexed; study skin only; Moupin, Szechnan, China; 1844; A. Phayre collector.

Original reference could not be seen due to nonavailability. Sclater (1891) also did not mention this as type. However, on its label "type" is marked. According to Robinson & Kloss (1918) type is preserved in the Natural History Museum of Paris.

Current name : *Petaurista alborufus alborufus* (Milne-Edwards)

118. *Sciuropterus magnificus* Hodgson

1836. *J. Asiat. Soc. Beng.*, Calcutta, 5 : 231.

Syntype : Reg. No. 9728 (=I. M. No. a); unsexed, study skin and skull; Nepal; no date; B. H. Hodgson collector (presented by Indian Museum, London).

It appears from the original reference that the description of the species is based on more than one specimen. Sclater (1891) mentioned only one specimen from Nepal collected by Hodgson, but not as type. Robinson & Kloss mention two specimens, one in British Museum and other in Indian Museum. As such the above specimen is a syntype.

Current name : *Petaurista magnificus* (Hodgson)

119. *Sciuropterus spadiceus* Blyth

1847. *J. Asiat. Soc. Beng.*, Calcutta, 16 : 867.

Syntype : Reg. No. 9765 (=A. S. B. No. 305B,= I. M. No. b);

1, unsexed; study skin and skull; Arakan, Burma; 1844; A. Phayre collector.

Blyth (*loc. cit.*) and Sclater (1891) mention three type specimens but only the above specimen is traceable at present.

Current name : *Hylopetes spadiceus* (Blyth)

120. *Sciuropterus phayrei* Blyth

1859. *J. Asiat. Soc. Beng.*, Calcutta, 28 : 278.

Syntype : Reg. No. 9490, 9491 (=I. M. No. d, e); 2 ad. unsexed; study skins and skulls, Rangoon, Burma, 1857 and 1855; A. Phayre and Major Berdmore collectors.

In original description Blyth (*loc. cit.*) did not give the number of types but the subsequent authors, *viz.*, Sclater (1891), Robinson and Kloss (1918) and Wroughton (1919) considered the above two specimens as types. Blyth (1863) listed 4 specimens.

Current name : *Hylopetes phayrei* (Blyth)

121. *Eupetaurus cinereus* Thomas

1888. *J. Asiat. Soc. Beng.*, Calcutta, 57 : 258.

Syntype : Reg. No. 9492 (=I. M. No. a); 1 unsexed; study skin and skull; Gilgit valley, Kashmir, India; 1887; G. M. Giles collector.

Thomas (*loc. cit.*) had three types at the time of describing the species and the present one is one of them. However, according to Wroughton (1919) and Robinson & Kloss (1918) the lectotype is in the British Museum, London.

Current name : *Eupetaurus cinereus* Thomas

122. *Sciurus fulvus* Blanford

1875. *Ann. Mag. nat. Hist.*, London, 16 : 311.

Holotype : Reg. No. 9484 (=I. M. No. a); 1 ♂, study skin and skull; Shiraz, Persia [=Iran]; 1870; Major Oliver St. John collector (Persian Boundry Commission).

Current name : *Sciurus anomalus pallescens* Gray

123. *Sciurus erythrogaster* Blyth

1842, *J. Asiat. Soc. Beng.*, Calcutta, 11 : 970.

Holotype : Reg. No. 9262 (=A. S. B. No. 320A, =I. M. No. a²); 1 unsexed; study skin and skull; Manipur, India; 1842; C. S. Guthrie collector.

Current name : *Callosciurus erythraeus erythrogaster* (Blyth)

124. *Sciurus hyperythrus* Blyth

1855. *J. Asiat. Soc. Beng.*, Calcutta, 24 : 474.

Holotype : Reg. No. 9478 (=I. M. No. o²); 1 unsexed; study skin only, skull not found; Moulmein, Tenasserim, Burma; 1852; Major Berdmore collector.

Current name : *Callosciurus erythraeus hyperythrus* Blyth

125. *Sciurus gordonii* Anderson

1871. *Proc. zool. Soc.*, London, p. 140.

Syntypes : Reg. No. 9257, 9268 (=I. M. No. j², k²); 2 unsexed; former only study skin and later study skin and skull; Bhamo; Burma; Feb 1868; J. Anderson collector.

Anderson (*loc. cit.*), Wroughton (1919) and Robinson and Kloss (1918, p. 198) all listed the above mentioned specimens as "types" Sclater's (1891, p. 17) list, which mentioned four examples as "types", including one from a different locality need not, therefore, be taken seriously.

Current name : *Callosciurus erythraeus gordonii* (Anderson)

126. *Sciurus griseopectus* Blyth

1847. *J. Asiat. Soc. Beng.*, Calcutta, 16 : 873.

Holotype : Reg. No. 9359 (=I. M. No. a), 1 unsexed; study skin only; skull not found; China; 1847; Raja R. Mullick donor.

Current name : *Callosciurus erythraeus gordonii* (Anderson)

127. *Sciurus gordonii* var. *intermedia* Anderson

1879. *Anat. Zool. Res. Ynnan*, London, p. 241.

Holotype : Reg. No. 9260 (=I. M. No. c²); 1 ♂; study skin only, skull not found; Dikrang, NEFA Division, [=Arunachal], India; no date; H. H. Godwin-Austen collector.

Current name : *Callosciurus erythraeus intermedius* (Anderson)

128. *Sciurus phayrei* Blyth

1885. *J. Asiat. Soc. Beng.*, Calcutta, 24 : 472.

Syntypes : Reg. No. 9300, 9301, 9473 (=I. M. No. a, b, c); 3 unsexed; study skins and skull; Martaban, Burma, 1861; E. Blyth collector.

Blyth (*loc. cit.*) did not mention the actual number of specimens but Wroughton (1919) and Robinson & Kloss (1918) give the number as 5 and 4 respectively of which three are present in the Z. S. I.

Current name : *Callosciurus flavimanus phayrei* (Blyth)

129. **Sciurus blanfordi** Blyth

1862. *J. Asiat. Soc. Beng. Calcutta*, 31 : 333.

Syntype : Reg. No. 9298 (=I. M. No. a); 1 unsexed; study skin and skull; Ava, Burma; 1862; W. T. Blanford collector.

From Blyth's (*loc. cit.*) description it appears that there were more than one specimen at the time of original description. Wroughton (1919) too states that there were two types one of which is in B. M. Sclater (1891) and Robinson & Kloss (1918) consider the above one as type.

Current name : *Callosciurus flavimanus blanfordi* (Blyth)

130. **Sciurus sladeni** Anderson

1871. *Proc. zool. Soc.*, London, p. 139.

Syntype Reg. No. 9371 (=I. M. No. a); 1 unsexed; study skin and skull; Thizyaim; Burma, 8 Jan 1868; J. Anderson collector.

Anderson (*loc. cit.*) mentioned six types out of which only one is available in the Z. S. I. collection.

Current name : *Callosciurus flavimanus sladeni* (Anderson)

131. **Sciurus vittatus scotti** Kloss

1911. *Ann. Mag. nat. Hist. London*, (8) 7 : 117.

Paratype : Reg. No. 10110; 1 ♂, study skin and skull; Redang Island (Pulau Bedung), south of Great Redang Island, East coast of the Malay Peninsula, Malaysia, Aug 1910.

Current name : *Callosciurus vittatus scottii* (Kloss)

132. **Sciurus quinquestriatus** Anderson

1871. *Proc. zool. Soc. London*. p. 142,

Holotype : Reg. No. 9463 (=I. M. No. d), 1 ad. unsexed; study skin and skull; Pensee, Kakhyen Hills, Burma; 1868 J. Anderson collector.

Anderson (*loc. cit.*) did not give the number of types but Sclater and Robinson & Kloss mentioned the above specimen as type. There are three more specimens, I. M. No. a, b, c, marked type on labels but collected on different dates.

Current name : *Callosciurus quinquestriatus quinquestriatus* (Anderson)

133. *Sciurus vittatus plasticus* Kloss

1911. *Ann. Mag. nat. Hist.* London, (8) 7 : 117.

Paratypes : Reg. Nos. 10112, 10113, 1 ♀ & 1 ♂; study skins and skulls; Great Redang Islands, off Trengganu, East coast of the Malay Peninsula; Malaysia.

Current name : *Callosciurus vittatus plasticus* (Kloss)

134. *Sciurus barbei* Blyth

1847. *J. Asiat. Soc. Beng.* Calcutta, 16 : 875.

Syntypes : Reg. No. 9482, 9483 (=I. M. No. c², d²); 2 unsexed; study skins and skulls; Ye, Tenasserim, Burma; 1843; J. Barbe collector.

Blyth (*loc. cit.*) described three type specimens of which only above two are traceable.

Current name : *Callosciurus macclellandi barbei* (Blyth)

135. *Sciurus vittatus perhentiani* Kloss

1911. *Ann. Mag. nat. Hist.*, London, (8) 7 : 118.

Paratypes : Reg. Nos. 10116, 10135, 1 ♀ & 1 ♂, study skins and skulls; West Perhentian Island, near Trengganu, East coast of the Malay Peninsula, Malaysia, Sept 1910; C. B. Kloss collector (presented by Fed. Malay State Museum).

Current name : *Callosciurus vittatus perhentiani* (Kloss)

136. *Sciurus alstoni* Anderson

1878. *Anat. Zool. Res. Yunan*, London, p. 252.

Holotype : Reg. No. 9456 (=I. M. No. a); 1 ad. unsexed; study skin and skull (damaged); Borneo [=Kalimantan], Indonesia, Purchased.

Current name : *Callosciurus alstoni* (Anderson)

137. *Sciurus lokriah* Hodgson

1836. *J. Asiat. Soc. Beng.*, Calcutta, 5 : 232.

Syntype : Reg. No. 9447 (=I. M. No. e); 1 unsexed; only study skin, skull not found; Nepal; no date, B. H. Hodgson collector (Indian Museum, London).

Current name : *Dremomys lokriah lokriah* (Hodgson)

138. *Sciurus brodiei* Blyth

1849. *J. Asiat. Soc. Beng.*, Calcutta, **18** : 602.

Holotype : Reg. No. 9480 (=I. M. No. s); 1 unsexed; study skin and skull; Ceylon; no date; E. L. Layard collector.

Current name : *Funambulus palmarum brodiei* (Blyth)

139. *Sciurus kelaarti* Layard

1851. *J. Asiat. Soc. Beng.*, Calcutta, **20** : 166.

Holotype : Reg. No. 9479 (=I. M. No. k); 1 unsexed; study skin and skull (damaged); Ceylon; 1945; E. L. Layard collector.

Layard (*loc. cit.*) did not indicate the number of types in his description but Robinson & Kloss (1919) and Wroughton (1918) mention only above one as type. Sclater (1891) listed another specimen collected by Templeton as type.

Current name : *Funambulus palmarum kelaarti* (Layard)

140. *Funambulus tristriatus annandalei* Robinson

1917. *Rec. Indian Mus.* Calcutta, **13** : 41.

Holotype : Reg. No. 8498, 1 ad. ♀; study skin and skull; Sasthancotta, Travancore, Kerala, India; 8 Nov 1908; N. Annandale collector.

Current name : *Funambulus tristriatus tristriatus* Waterhouse

141. *Sciurus layardi* Blyth

1849. *J. Asiat. Soc. Beng.*, Calcutta, **18** : 602.

Holotype : Reg. No. 9481 (=A. S. B. No. 341 A, =I. M. No. a); 1 ad. unsexed; study skin and skull (damaged); Ambegamoa Hills, Ceylon; 1843; E. L. Layard collector.

Current name : *Funambulus layardi* (Blyth)

142. *Funambulus layardi dravidianus* Robinson

1917. *Rec. Indian Mus.*, Calcutta, **13** : 42.

Holotype : Reg. No. 9773, 1 juv. unsexed; only skull, skin not found; Travancore, Kerala, India; 1908; N. Annandale collector.

Current name : *Funambulus layardi dravidianus* Robinson

143. *Arctomys aureus* Blanford

1875. *J. Asiat. Soc. Beng.*, Calcutta, **44** : 106.

Holotype : Reg. No. 15686 (=I. M. No. a); 1 unsexed; study skin

and skull; Kaskasu Pass, between Yark and Surikol, Chinese Turkestan; China, 15 May 1874; F. Stoliczka collector.

Current name : *Marmota caudata aurea* (Blanford)

144. Rhinosciurus tupaoides Gray

1843. *List. Mamm. B. M.*, London, p. 195.

Holotype : Reg. No. 9664 (=A. S. B. No. 345A, = I. M. No. a); 1 unsexed; only study skin, skull not found; Singapore, Malaysia, 1851; G. Moxon collector.

Gray (*loc. cit.*) has clearly mentioned one type from Singapore but Robinson and Kloss (1919) mention Malacca as its type locality which is an error.

Current name : *Rhinosciurus laticaudatus tupaoides* Gray

Family HYSTRICIDAE

145. Hystrix yunnanensis Anderson

1878. *Anat. Zool. Res. Ynnan*, London p. 332.

Holotype : Reg. No. 15687 (=I. M. No. a); 1 unsexed; flat skin and skull; Kakhyen Hills, Yunnan, China; 1875; J. Anderson collector.

Current name : *Hystrix ? brachyura yunnanensis* Anderson

Family MUSCARDINIDAE

146. Myoxus pictus Blanford

1875. *Ann. Mag. nat. Hist.* London, 16 : 311.

Syntype : Reg. No. 3077 (=I. M. No. a); 1 ♂, study skin and skull; Khorud, N. Ispahan, [=Persia], Iran; 1872; W. T. Blanford collector.

Current name : *Dryomys nitedula pictus* Blanford

147. Platacanthomys lasiurus Blyth

1859. *J. Asiat. Soc. Beng.*, Calcutta, 28 : 289.

Syntypes : Reg. No. 16481, 16482 (=I. M. No. n, o); 2 unsexed; study skins with skulls; South Malabar, Kerala, India; 1859; H. Baker collector.

Blyth (*loc. cit.*) was having thirteen type specimens out of which only above two are present in the Z. S. I.

Current name : *Platacanthomys lasiurus* Blyth

Family RHIZOMYIDAE

148. **Rhizomys erthrogenys** Anderson1877. *Proc. Asiat. Soc. Beng.*, Calcutta, p. 148.

Syntype : Reg. No. 15691 (=I. M. No. a), 1 ♀; flat skin (damaged), skull not found; Salween Hills, Burma, (Zool. Garden, Alipur, Calcutta); no date, A. H. Hilderbrand donor.

Anderson (*loc. cit.*) did not give the number of types but the subsequent authors like Sclater (1891) and Wroughton (1920) mention two "types" of which above one is one.

Current name : *Rhizomys sumatransis cinereus* M'clelland

Family MURIDAE

149. **Hapalomys longicaudatus** Blyth1859. *J. Asiat. Soc. Beng.*, Calcutta, 28 : 296.

Syntypes : Reg. No. 6425, 16480 (=A. S. B. No. 359A, B, =I. M. No. b, a); 2 unsexed; only study skins, skulls not found; Sitang Valley, Burma; 1859; Major Berdomore collector.

Originally Blyth (*loc. cit.*) had three types out of which above two are traceable.

Current name *Hapalomys longicaudatus longicaudatus* Blyth

150. **Mus peguensis** Blyth1859. *J. Asiat. Soc. Beng.*, Calcutta, 28 : 295.

Syntype : Reg. No. 6335 (=I. M. No. d); 1 ♀; only study skin, skull not found; Sitang Valley, Burma; 1859; Major Beromore collector.

Blyth (*loc. cit.*) as well as other subsequent authors like Sclater (1891) and Wroughton (1920) mentioned two type specimens out of which only above one is traceable.

Current name : *Chiropodomy gliroides gliroides* (Blyth)

151. **Mus erythrotis** Blyth1855. *J. Asiat. Soc. Beng.*, Calcutta, 24 : 721.

Holotype : Reg. No. 6309 (=A. S.B. No. 387A, =I. M. No. a); 1 juv; specimen in spirit, skull not found; Cheerapunji, Khasi Hills; Assam [=Meghalaya], India; 1855; F. Skipwith collector.

Current name : *Micromys minutus erythrotis* (Blyth)

152. *Mus erythronotus* Blanford

1875. *Ann. Mag. nat. Hist.*, London, 16 : 331.

Syntypes : Reg. No. 947, 948 (=I. M. No. o, p); 2 ♂♂; specimens in spirit, skull of No. 948 removed and not traceable; Khorud, North Ispahan, [=Persia], Iran; 1875; W. T. Blanford collector.

Current name : *Apodemus sylvaticus arianus* (Blanford)

153. *Mus robustulus* Blyth

1859. *J. Asiat. Soc. Beng.*, Calcutta, 28 : 294.

Holotype : Reg. No. 10080 (=A. S. B. No. 364A,=I. M. No. h⁵); 1 ♂; specimen in spirit, skull not found; Shwegyin, Sitang Valley, Burma; 1859; Major Berdmore collector.

Current name : *Rattus* (?) *rattus robustulus* (Blyth)

154. *Mus andamanensis* Blyth

1860. *J. Asiat. Soc. Beng.*, Calcutta, 29 : 103.

Syntypes : Reg. No. 15699, 15700 (=A. S. B. No. 363 B, A,=I. M. No. b, a); 2 unsexed, study skins only, skulls not found; Andaman Islands, India; 1860; Capt. W. Hodge collector.

Current name : *Rattus* (?) *Rattus andamanensis* (Blyth)

155. *Mus sladeni* Anderson

1878. *Anat. Zool. Res. Yunnan*, London, p. 305.

Syntypes : Reg. No. 16468 to 16475 (=I. M. No. o⁵ to v⁵); 1 ♂ and 7 ♀♀; specimens in spirit, with skulls, skulls of No. 16472 and 16475 not found; Pensee, Kakhyan Hills, Yunnan, China; 1875; J. Anderson collector.

In original description measurements of 1 ♂; and 1 ♀ are given which indicates that it was based on more than one specimens, Sclater (1891) lists all the eight specimens as types.

Current name : *Rattus rattus sladeni* (Anderson)

156. *Mus yunnanensis* Anderson

1878. *Anat. Zool. Res. Yunnan*, London, p. 306.

Syntypes : Reg. No. 6412, 6413, 6415 (=I. M. No. w⁵, x⁵, y⁵); 3 unsexed, specimens in spirit with separate skulls; 6412 from Momein and other two from Hotha, Yunnan, China; 1875; J. Anderson collector.

Current name : *Rattus rattus yunnanensis* (Anderson)

157. *Rattus rattus bullocki* Roonwal

1948. *Proc. natl. Inst. Sci. India.*, Calcutta, 14 : 385.

Holotype : Reg. No. 11228; 1 ad. ♀; study skin and skull: 16 miles North of Imphal, on Dimapur Road, Manipur, India; 4 Aug 1945; M. L. Roonwal collector.

Paratypes : Reg. Nos. 11286, 11236, 11253, 11274 and 11291; 3 ♂♂; 2 ♀♀; other particulars as for the holotype.

Current name : *Rattus rattus bullocki* Roonwal

158. *Rattus rattus khumbuensis* Biswas and Khajuria

1955. *Proc. zool. Soc. Beng.*, Calcutta, 8 : 27.

Holotype : Reg. No. 12389; 1 ad. ♂; specimen in spirit with skull; Porcha (c 14000'), Dudhkosi Valley, Khumbu, Nepal; 3 Mar 1954; B. Biswas collector.

Current name : *Rattus rattus khumbuensis* Biswas and Khajuria

159. *Mus rubricosa* Anderson

1879. *Anat. Zool. Res. Yunnan*, London, p. 306.

Holotype : Reg. No. 6330 (=I. M. No. a), 1 ♂; specimen in spirit with skull; Hotha, Kakhyan Hills, Yunnan, China; 1875; J. Anderson collector.

Current name : *Rattus nitidus nitidus* (Hodgson)

160. *Mus concolor* Blyth

1859. *J. Asiat. Soc. Beng.*, Calcutta, 28 : 295.

Syntypes : Reg. No. 6396 [=10077], 6397 [=10081], 6399 [=10082] (=I. M. No. e, f, g), 2 ad. unsexed and 1 juv ♂; specimens in spirit with skulls, skull of 10081 not found; Shwegyin, Tenasserim, Burma; 1859; Major Berdmore collector.

Kloss (1917, p. 7.) selected No. 6397 [=10081] as lectotype.

Current name : *Rattus exulans concolor* (Blyth)

161. *Mus bowersi* Anderson

1879. *Anat. Zool. Res. Yunnan* London. p. 304.

Holotype : Reg. No. 10078 (=I. M. No. a), 1 ♀, specimen with skull in spirit; Hotha, Yunnan, China; 1875; J Anderson collector.

Current name : *Rattus bowersi bowersi* (Anderson)

162. *Leggada jerdoni* Blyth

1863. *J. Asiat. Soc. Beng.*, Calcutta, 32 : 350

Holotype : Reg. No. 16479 (=I. M. No. m), 1 unsexed juv.; study skin only (damaged), skull not found; Darjeeling, West Bengal, India; no date, T. C. Jerdon collector.

Current name : *Rattus fulvescens fulvescens* (Gray)

163. *Mus cinnamoneus* Blyth

1859. *J. Asiat. Soc. Beng.*, Calcutta, 28 : 294.

Syntypes : Reg. Nos. 6424, 16478 (=A. S. B. No. 366 B, 366 A, = I. M. No. b, a), 2 unsexed, 6424 specimen in spirit with skull; 16478 study skin with skull; Chwegyin, Tenasserim, Burma; 1859; Major Berdmore collector.

Holotype (of *R. blythi*) : Reg. No. 16478, other particulars as above.

Paratype (of *R. blythi*) : Reg. No. 6424; other particulars as above.

Kloss proposed *R. blythi* as *cinnamoneus* was pre-occupied name.

Current name : *Rattus ? cremoriventer blythi* (Kloss)

164. *Rattus manipulus kekrimus* Roonwal

1948. *Proc. natl. Inst. Sci. India*. Calcutta, 14 : 386.

Holotype : Reg. No. 11341; 1 ad. ♂; study skin and skull; Kekrima, Naga Hills, Assam [=Nagaland], India; 23 Jan 1936; M. L. Roonwal collector.

Paratypes : Reg. Nos. 11342 to 11344; 2 ♂♂, 1 ♀; other particulars as for the holotype.

Current name : *Rattus manipulus kekrimus* Roonwal

165. *Mus berdmorei* Blyth

1851. *J. Asiat. Soc. Beng.*, Calcutta, 20 : 173.

Holotype : Reg. No. 11027, 10035 [skin & skull] (=A. S. B. No. 364J, =I. M. No. a), 1 unsexed. specimen and skull in spirit; Mergui, Burma, Major Berdmore collector.

Current name : *Rattus berdmorei berdmorei* (Blyth)

166. *Rattus niviventer monticola* Ghose

1964. *Proc. zool. Soc. Calcutta*, 17 : 193.

Holotype : Reg. No. 15974; ad. ♂; study skin and skull; Palmajua, Darjeeling District, W. Bengal, India; 30 Jun 1958; H. Khajuria, collector.

Paratypes : 2 ad. ♂♂; 7 ♀♀ (3 sub-ad.) 15968, 15970, 15973, 15975-6. study skins and skulls; other particulars as for the holotype, 24 Jun to 7 Jul 1958.

Current name : *Rattus niviventer monticola* Ghose

167. ***Rattus rattus holchu* Chaturvedi**

1966. *Proc. zool. Soc. Calcutta*, 19 : 141.

Holotype : Reg. No. 16857; ad. ♂, specimen in spirit, skull separate; Car Nicobar, Nicobar Islands, India; 25 Mar 1959; B. Roy collector.

Paratypes : 2 ♂♂, 2 ♀♀ (Reg. Nos. 16852, 16856, 16858, 16860); Car Nicobar; 1 ♀ (Reg. No. 16853), Maya Bundur, Andamans; 1 ♂ (Reg. No. 16854), Port Blair, Andamans; 1 ♀ (Reg. No. 16855), Interview Island and 1 ♀ (Reg. No. 16859), Long Island, Andamans. All specimens in spirit with separate skulls.

Current name : *Rattus rattus holchu* Chaturvedi

168. ***Rattus ranjinae* Agrawal & Ghosal**

1969. *Proc. zool. Soc. Calcutta*, 22 : 41.

Holotype : Reg. No. 19212; ad. ♂; specimen in spirit, skull separate; Trivandrum, Kerala, India; 2 Jun 1966; Miss P. V. Ranjini collector.

Paratypes : 3 ♀♀, Reg. No. 19210, 19211, 19213; 15-16 Jun 1966; other particulars as for the holotype.

Current name : *Rattus ranjinae* Agrawal & Ghosal

169. ***Rattus rattus brevicaudus* Chakravarty**

1976. *Rec. zool. Surv. India, Delhi*, 68 : 15

Holotype : Reg. No. 18731, 1 ad. ♀; specimen with skull in spirit. Tashigong, Manas Valley, (c 1097 m.), E. Bhutan, 4 Apr 1966; B. Biswas collector.

Paratypes : Reg. Nos. 18732 to 18737; 3 ad. ♂♂, 2 sub. ad. ♀♀, 1 ♀; other particulars as for the holotype.

Current name : *Rattus rattus brevicaudus* Chakravarty

170. ***Mus kakhyensis* Anderson**

1878. *Anat. Zool. Res. Yunnan, London*, p. 207.

Syntype : Reg. No. 6302 (=I. M. No. j⁴), 1 ♂; specimen without skull in spirit; Ponsee, Kakhyen Hills, Yunnan, China; 1875, (Yunnan Expedition); J. Anderson collector.

Anderson (*loc. cit.*) based his description on two specimens.

Current name : *Mus musculus homourus* Hodgson

171. *Mus viculorum* Anderson

1878. *Anat. zool. Res. Yunnan*, London p. 308.

Syntypes : Reg. No. 6345, 6346 (=I. M. No. k⁴, l⁶); 2 ♀♀; specimens in spirit, skulls not found; Ponsee, Kakhyen Hills, Yunnan, China; 1875; J. Anderson collector.

Current name : *Mus musculus urbanus* Hodgson

172. *Mus pachycercus* Blanford

1875. *J. Asiat. Soc. Beng.*, Calcutta, 44 : 108.

Syntypes : Reg. No. 3220, 6308 (=I. M. No. 1, m), 2 ♂♂; specimens in spirit, No. 6308 skull not found that of 3220 present; Yarkand, West Turkestan, China; Nov 1873; F. Stoliczka collector.

Blanford (*loc. cit.*) did not give the number of types but Sclater (1891) listed above two specimen as types.

Current name : *Mus musculus wagneri* Eversmann

173. *Mus musculus pygmaeus* Biswas and Khajuria

1955. *Proc. zool. Soc. Beng.*, Calcutta, 8 : 28.

Holotype : Reg. No. 12390, 1 ad. ♂; specimen with skull in spirit; Pongboche, Imje Valley, Khumbu, Nepal; 3 May 1954 (Daily Mail Expedition); B. Biswas collector.

Current name : *Mus musculus khumbuensis* Biswas and Khajuria

174. *Mus terricolor* Blyth

1851. *J. Asiat. Soc. Beng.*, Calcutta, 20 : 172.

Syntypes : Reg. No. 6347, 6348 (=A. S. B. No 386, G. H.,=I. M. No. n², o²), 2 unsexed; specimens and skull in spirit No. 6348 skull not found; near Calcutta, West Bengal, India; 1843; E. Blyth collector.

Blyth (*loc. cit.*) did not give the number of types but subsequently Sclater (1891) and Wroughton (1920) listed eight examples of types including above two.

Current name : *Mus booduga booduga* Gray

175. **Mus cunicularis** Blyth

1855. *J. Asiat. Soc. Beng.*, London, 24 : 721.

Syntypes : Reg. No. 6326, 6327, 6328 (=A. S. B. No. 285 C, A, B, =I. M. No. a, b, c); 3 unsexed, specimens and skulls (of 2) in spirit, skull of No. 6328 not found; Khasi Hills, Assam [=Meghalaya], India; 1855; F. Skipwith collector.

Current name : *Mus cervicolor cervicolor* Hodgson

176. **Leggada nagarum imphalensis** Roonwal

1948. *Proc. natl. Inst. Sci. India*, Calcutta, 14 : 386.

Holotype : Reg. No. 11120, 1 ad. ♀, study skin and skull; 16 miles North of Imphal, on Dimapur Road, Manipur, India; 26 Jul 1945; M. L. Roonwal collector.

Paratypes : Reg. Nos. 11119, 11122, 11123; 3 ♀♀; 5 & 8 oct 1945; other particulars as for the holotype.

Current name : *Mus cervicolor imphalensis* Roonwal

177. **Mus spinulosus** Blyth

1854. *J. Asiat. Soc. Beng.*, Calcutta, 23 : 734.

Holotype : Reg. No. 16428 (=A. S. B. No. 934A, =I. M. No. 3); 1 ♂; specimen and skull in spirit; Punjab, India; 1854; W. Theobald collector.

Current name : *Mus platythrix platythrix* Bennett

178. **Mus ramnadensis** Bentham

1908. *Rec. Indian Mus.*, Calcutta, 2 : 386.

Syntypes : Reg. No. 8087, 8088, 8491, 8492, 8493, 5 unsexed; study skins only, skull not found; Ramnad, Tamil Nadu, India; N. Annandale collector.

Bentham described 9 examples as type specimens, at present only 5 study skins are traceable.

Current name : *Mus platythrix ramnadensis* Bentham

179. **Mus sublimis** Blanford

1876. *Yarkand Miss. Mamm.*, Calcutta, p. 51.

Holotype : Reg. No. 6479 (=I. M. No. a); 1 ♀, specimen in spirit, skull not found; Tonksee, West of Pankong Lake, Laddak, Kashmir, India; 1873–1874 (Forsyth's 2nd Yarkand Expedition); F. Stoliczka collector.

Current name : *Mus sublimis* Blanford

180. *Mus guhai* Nath

1952. *J. zool. Soc. India*, Calcutta, 4 : 85.

Holotype : Reg. No. 11439, 1, ♂, study skin and skull; Nongpoh, Khasi Hills, Assam [=Meghalaya], India; 15 May 1949; H. L. Hiteshi collector.

Paratypes : Reg. Nos. 11440 to 11444; 5 ♂♂; other particulars as for the holotype.

Current name : *Mus guhai* Nath

181. *Mus (Nesokia) barclayanus* Anderson

1878. *J. Asiat. Soc. Beng.*, Calcutta, 47 : 229.

Syntypes : Reg. No. 16439, 16440 (=I. M. No. g³, h³); 1 ♂ and 1 unsexed; specimens in spirit, skulls not found; Gazipur, U. P. India; no date; H. Whitewell collector.

Current name : *Bandicota bengalensis bengalensis* (Gray & Hardwicke)

182. *Nesokia scullyi* Wood–Mason

1876. *Proc. Asiat. Soc. Beng.*, Calcutta p. 80.

Holotype : Reg. No. 15698 (=I. M. No. a), 1 unsexed; specimen in spirit, skull not found; Sanju, Khasgar, Chinese Turkestan; China, 11 Jun 1875; J. Scully collector.

Current name : *Nesokia indica scullyi* Wood–Mason

183. *Cricetus fulvus* Blanford

875. *J. Asiat. Soc. Beng.*, Calcutta, 44 : 108.

Syntypes : Reg. No. 15697, 3208 (=I. M. No. y, r²), 1 unsexed and 1 ♀; specimens in spirit with skulls; 15697 from Khasgar and 3208 from Sarikal, Chinese Turkestan, China, 4 Apr 1874; F. Stoliczka collector.

Current name : *Cricetulus migratorius fulvus* (Blanford)

184. *Gerbillus nanus* Blanford

1875. *Ann. Mag. nat. Hist.*, London, 16 : 312.

Syntype : Reg. No. 3060 (=I. M. No. a), 1 unsexed, specimen and skull in spirit; Saman, Dasht, Baluchistan; Pakistan; 1872 (Perian collections); W. T. Blanford collector.

Blanford did not give the types and Sclater (1891) listed only above specimen as type. However, Wroughton (1919) mentioned that another type is present in British Museum.

Current name : *Gerbillus nanus nanus* Blanford

185. *Gerbillus persicus* Blanford

1875. *Ann. Mag. nat. Hist.*, London, 16 : 312.

Holotype : Reg. No. 3058 (=I. M. No. a) 1 unsexed, specimen with separate skull in spirit; Kohrud, North of Ispahan, Persia [=Iran]; 1872; W. T. Blanford collector.

Current name : *Meriones persicus persicus* Blanford

186. *Gerbillus cryptorhinus* Blanford

1875. *J. Asiat. Soc. Beng. Calcutta*, 44 : 108.

Syntype : Reg. No. 3218 (=I. M. No. 1), 1 unsexed, specimen in spirit, skull not found; Kargalik, Yarkand, China; 1873-74 (Forsyth's 2nd Yarkand Expedition); F. Stoliczka collector.

Sclater (1891) mentioned two types including the above one.

Current name : *Meriones meridianus psammophilus* (Milne-Edward)

187. *Arvicola stoliczkanus* Blanford

1875. *J. Asiat. Soc. Beng., Calcutta*, 44 : 107.

Syntype : Reg. No. 15706, 15707 (=I. M. No. a, b), 2 unsexed, specimens with damaged skulls in spirit; Nubra Valley, Laddak, Kashmir, India; 13 Oct 1873; F. Stoliczka & Dr. Bellew collectors.

Current name : *Alticola stoliczkanus stoliczkanus* (Blanford)

188. *Alticola bhatnagari* Biswas and Khajuria

1955. *Proc. zool. Soc. Beng., Calcutta*, 8 : 29.

Holotype : Reg. No. 12392, 1 ad. ♀, study skin and skull; Mingbo, Langmoche Valley, Khumbu, Nepal; 9 Apr 1954 (Daily-Mail Expedition); B. Biswas collector.

Current name : *Alticola bhatnagari* Biswas and Khajuria

189. Phaiomys leucurus Blyth

1863. *J. Asiat. Soc. Beng.*, Calcutta, 32 : 89,

Holotype : Reg. No. 16443 (=I. M. No. a), 1 ♀, specimen in spirit, skull separate (damaged); Tsomoriri, West Laddak, Kashmir, India; 11 Aug 1861; W. Theobald collector.

Current name : *Pitymys leucurus leucurus* (Blyth)

190. Pectinator spekeii Blyth

1855. *J. Asiat. Soc. Beng.*, Calcutta, 24 : 294.

Holotype : Reg. No. 16477 (=A. S. B. No. 427a, =I. M. No. a), 1 unsexed; study skin only (damaged), skull not found; Somaliland, Africa; 1855; Capt. J. H. Speke collector.

Current name : *Pectinator spekeii spekeii* Blyth

Order CETACEA

Family BALANOPTERIDAE

191. Balaenoptera edeni Anderson

1879. *Anat. Zool. Res. Yunnan*, London, p. 551.

Holotype : Reg. No. 19398 (=I. M. No. a), 1 unsexed, complete mounted skeleton (ribs & 1 pectoral arch restored in plaster); Thaybyoo Choung, Gulf of Martaban, Burma; no date; A. Eden & Maj. Duff collectors.

Current name : *Balaenoptera acutorostrata* Lacepede

192. Balaenoptera blythi Anderson

1879. *Anat. Zool. Res. Yunnan*, London p. 564.

Holotype : Reg. No. 19399 (=I. M. No. a), 1 unsexed, four vertebrae and one rib (Mounted in Zool. galls. I. M.); Bay of Bengal, India; 1879; Medical College Expedition.

Current name : *Balaenoptera physalus* Linnaeus

193. Balaenoptera indica Blyth

1859. *J. Asiat. Soc. Beng.*, Calcutta, 28 : 488.

Holotype : Reg. No. 19400 (=I. M. No. a), 1 unsexed, lower jaw, left radius, 1st, 2nd, 9th, 11th lumber, 3rd caudal vertebrae and 1 rib (all mounted in Zool. Galls., I. M.); Sondip, Amherst Island, Bay of Bengal, India; No date, T. P. Sparks collector.

Current name : *Balaenoptera musculus* Linnaeus

IV. REFERENCES

- ANDERSON, J. 1881. *Catalogue of mammalia in the Indian Museum*, Part I., XV+223., Calcutta : Govt. Printing Press.
- ELLERMAN, J. R. MORRISON SCOTT, T. C. S. 1951. *A check list of Palearctic and Indian mammals*, London. British Museum Natural History, 810 PP.
- SCLATER, W. L. 1891. *Catalogue of mammalia in the Indian Museum*, Part II., XXIX+375., Calcutta : Central Printing Press.
- WROUGHTON, R. C. 1918-20. Summary of the results from the Indian mammal survey. *J. Bombay nat. Hist. Soc.*, **25** : 547-598; **26** : 19-88, 338-379, 776-802, 955-967; **27**, 57-85, 301-313.