

5. A SUPPLEMENTARY NOTE ON SOME MAMMALS
RECENTLY COLLECTED IN BHUTAN

During the last decade, Dr. B. Biswas of the Zoological Survey of India, Dr. Salim Ali of the Bombay Natural History Society, and Dr. S. Dillon Ripley of the U.S. National Museum, Washington, have conducted faunistic explorations in the montane kingdom of Bhutan during several trips.

The mammalian collections made by Dr. B. Biswas have been reported upon by Chakraborty (1975) and by Saha (1978).

The present paper, however, deals with the valuable mammalian collections made by Dr. Salim Ali and his party. The collection under report, comprises of 14 examples belonging to 10 species. Four species, namely *Cynopterus brachyotis angulatus* Miller, *Rhinolophus pearsoni pearsoni* Horsfield, *Hystrix hodgsoni hodgsoni* (Gray) and? *Rattus jerdoni* (Blyth) were taken for the first time in Bhutan.

Family PTEROPIDAE

***Cynopterus brachyotis angulatus* Miller**

Cynopterus angulatus Miller, 1898. Proc. Acad. Nat. Sci. Philadelphia,

316. Type Locality Trang, Lower Siam.

Material: 1 ♀; Nr. Phuntsholing, alt. c. 610 m, W. Bhutan. 7 Oct. 1968.

Measurements: External: Head and body 98. Forearm 54. Ear 22. Tail 10. Hindfoot 6. Cranial: Greatest length 30. Rostrum 7.

Remarks: Although Hill and Thonglongya (1972) treated Miller's *Cynopterus angulatus* as a subspecies of *C. sphinx*, I prefer to follow the general treatment to keep it under *C. brachyotis* as by most authors.

The present specimen is, however, the first one taken in Bhutan.

Family RHINOLOPHIDAE

***Rhinolophus affinis himalayanus* Andersen**

Rhinolophus affinis himalayanus Andersen, 1905. Proc. zool. Soc. 1905, 2: 103.

Type Locality Mussoorie, Uttar Pradesh, India.

Material: 1 ♀; Gedu, alt. c 1830 m, W. Bhutan. 11 Oct. 1968.

Measurements: (From the stuffed skin) Forearm 49.4. Ear 16.9.

***Rhinolophus pearsoni pearsoni* Horsfield**

Rhinolophus pearsoni Horsfield, 1851. Cat. Mamm. Mus. E. Ind. Co. 33.

Type Locality Darjeeling, West Bengal, India.

Material: 1 ♂ (skin only); Phuntsholing, alt. c 610 m, W. Bhutan. 7 Oct. 1968.

Measurements: (From the stuffed skin) Forearm 53.6. Ear 25.8.

Remarks: Ellerman and Morrison-Scott (1966) gave Kumaon, Darjeeling, Assam (Dobson), Szechuan and Yunnan as its approximate distribution. The present specimen is the first one taken in Bhutan.

Family VIVERRIDAE

***Viverra zibetha zibetha* Linnaeus**

Viverra zibetha Linnaeus, 1758. Syst. Nat. 10th ed. 1:44. Type Locality Bengal.

Material: 1 ♂ (skin only); Batase, alt. c 1525 m, C. Bhutan. 11 Mar. 1967.

Family CERVIDAE

***Muntiacus muntjak vaginalis* (Boddaert)**

Cervus vaginalis Boddaert, 1785. Elench. Anim. 1: 136. Type Locality Bengal.

Material: 1 ♂; Shamgong, alt. c 1981 m, C. Bhutan. Apr. 1967. 1 ♂ (skin only), 1 ♀; no locality, but from the other data of its collection (Oct. 1968, when the expedition was carried out in W. Bhutan), it appears to have been collected in W. Bhutan. Oct. 1968.

Family SCIURIDAE

Tamiops macclellandi macclellandi (Horsfield)
Sciurus macclellandi Horsfield, 1839. Proc. zool. Soc. 152. Type Locality Assam.

Material: 1♂; Chapcha, alt. c. 2450 m, W. Bhutan. 13 Nov 1968.

Dremomys lokriah bhotia Wroughton
Dremomys lokriah bhotia Wroughton, 1916. J. Bombay nat. Hist. Soc. 24: 634. Type Locality Sedenchen, Sikkim, India.

Material: 1♂, 1♀; Chimakothi, alt. c. 2440 m, W. Bhutan. 5 Nov, 8 Nov 1968.

Ratufa bicolor gigantea (McClelland)
Sciurus gigantea McClelland, 1839. Proc. zool. Soc. 150. Type Locality Assam.

Material: 1♀; Batase, alt. c 1525 m, C. Bhutan. 11 Mar 1967. 1- (skin only without any other data).

Family HYSTRICIDAE

Hystrix hodgsoni hodgsoni (Gray)
Acanthion hodgsoni Gray, 1847. Proc. zool. Soc. 101. Type Locality Nepal.

Material: 1♂ (skin only); Chapcha, alt. c 2440 m, W. Bhutan. 13 Nov 1968.

Remark: This specimen is the first one taken in Bhutan.

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Family MURIDAE

? Rattus jerdoni (Blyth)
Leggada jerdoni Blyth, 1863. J. Asiat. Soc. Bengal, 32: 350. Type Locality Sikkim.

Material: 1♂ (skin only); Shamgong, alt. c 1918 m, C. Bhutan. 17 Apr 1967.

Measurements: (From the stuffed skin) Head and body 123. Tail 163. Hindfoot 26. Ear 20.

Remarks: The Bicoloured Rat is exceedingly rare and very few specimens have so far been collected. The taxonomy of this species is controversial. Detailed discussion on its taxonomy is being dealt with separately. Although the skull of the specimen was not available, I could not, but, place it under this species.

This specimen is, however, the first one taken in Bhutan.

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