OCCURRENCE OF THE SZECHUAN BURROWING SHREW, ANOUROSOREX SQUAMIPES SQUAMIPES MILNE-EDWARDS, 1872 (MAMMALIA : INSECTIVORA : SORICIDAE) IN MIZORAM, INDIA

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INTRODUCTION

A faunistic survey was conducted in Mizoram, specially for mammals, by the Zoological Survey of India during December 1993 and January 1994. The collection thus obtained contains several species of small mammals. Among the insectivores, *Anourosorex squamipes squamipes* Milne-Edwards was found to be unreported from this state (Blanford 1891, Roonwal 1950, Ellerman and Morrison-Scott 1966, Lekagul and McNeely 1977, Agrawal *et al.* 1992, Mandal *et al.* 1994). Hence, it is being reported in the present communication.

External measurements have been taken in the field and the skull measurements in the laboratory. All measurements are in millimetre and have been taken after Mandal and Das (1970),

Material Examined : Mizoram : Aizawl district : 1 3, 1 2; North Khawbung (c 1,500 m); coll. Ajoy Kumar Mandal; 17 & 19 Dec., 1993 (rolled skins and skulls).

Measurements: External : $1 \\ 3, 1 \\ 2$: length of head and body $83 \cdot 0, 91 \cdot 0$: length of tail 15 \cdot 0, 12 \cdot 0; length of hind foot 16 \cdot 5, 14 \cdot 0; length of ear 7 \cdot 5, 9 \cdot 0. Cranial: $1 \\ 3, 1 \\ 2$: greatest length 26 \cdot 4, 26 \cdot 3; basal length 25 \cdot 5, 25 6; palatal length 12 \cdot 0, 12 \cdot 2; breadth of brain case 14 \cdot 1, 14 \cdot 1; breadth across molars 8 \cdot 0, 7 \cdot 9; upper toothrow 11 \cdot 7, 12 \cdot 2; lower tooth-row 10 \cdot 5, 10 \cdot 9.

Distribution : Anourosorex s. squamipes is known from China, Taiwan, Vietnam, Thailand, Myanmar, Bhutan and India (Assam, Meghalaya, Arunachal Pradesh and Manipur) (Blanford 1891, Roonwal 1950, Ellerman and Morrison-Scott 1966, Lekagul and McNeely 1977, Agrawal *et al.* 1992, Mandal *et al.* 1994). The present specimens, therefore, constitute the first record of the species from Mizoram, and extends its distributional range southwards, in India.

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References

- Agrawal, V. C., Das, P. K., Chakraborty, S., Ghose, R. K., Mandal, A. K., Chakraborty, T. K., Poddar, A. K., Lal, J. P., Bhattacharyya, T. P and Ghosh, M. K. 1992.
 State Fauna Series 3 : Fauna of West Bengal, Part I. Mammalia. 27-169.
 Calcutta (Zoological Survey of India).
- Blanford, W. T. 1888. The Fauna of British India including Ceylon and Burma. Mammalia, Part I. London (Taylor and Francis).
- Ellerman, J. R. and Morrison-Scott, T. C. S. 1966. Checklist of Palaearctic and Indian Mammals 1758—1946, edn 2. London [British Museum (Natural History)].
- Lekagul, B. and McNeely, J. A. 1977. Mammals of Thailand. Bangkok (Sahakarnbhat Co.).
- Mandal, A. K. and Das, P. K. 1970. Taxonomic notes on the Szechuan Burrowing. Shrew, Anourosorex squamipes Milne-Edwards, from India. J. Bombay nat. Hist. Soc., 66 : 608-612.
- Mandal, A. K., Poddar, A. K. and Bhattacharyya, T. P. 1994 Occurrence of the Szechuan Burrowing Shrew, Anourosorex squamipes squamipes Milne-Edwards, 1872 (Mammalia : Insectivora : Soricidae) in Manipur, India, with taxonomic notes. Sci. & Cult., 60 (1-6) : 55-56.
- Roonwal, M. L. 1950. Contributions to the fauna of Manipur state, Assam. Part III.—Mammals, with special reference to the family Muridae (Order Rodentia). Rec. Indian Mus., 47: 1-64.