

A LIST OF REFERENCES RELATING TO INDIAN ZOOLOGY  
(EXCLUDING INSECTA, FISHES AND HELMINTHS)  
PUBLISHED DURING THE YEARS, 1938-1950.

Compiled by B. S. Chauhan,  
MSc., PhD, FZS, FASC, FZSI, Assistant Superintendent,  
Zoological Survey of India, Calcutta.

I. INTRODUCTION.

The Zoological Survey of India started publishing in 1921, a yearly list of literature referring to Indian Zoology (excluding Insecta) received in Calcutta during a year, in the *Rec. Indian Mus.*, upon the decision of the Government of India, that the lists of Scientific literature published till then in the Reports of the Board of Scientific Advice shall in future be issued separately by the Departments represented on the Board. References to the Insecta were excluded from that list and they were to be found in the publication of the Entomological section of the Agricultural Research Institute, then at Pusa. The Survey published such lists till 1931, when it was held in abeyance, presumably on grounds of financial stringency.

In the meantime, the National Institute of Sciences of India was founded in 1935 and under grant from Government of India they decided to issue a publication under the title "*Indian Science Abstracts*" with the sub-title "Being an Annotated Bibliography of Science in India". Their first publication was issued in July 1936. However, this publication had to be temporarily suspended by the Institute in 1939, on grounds of paper economy, due to World War II. Their last complete issue was for the year 1938.

In 1949, UNESCO, Regional Office for Scientific Co-operation for South East Asia, at Delhi, decided for obvious reasons to compile and issue a periodical, half-yearly, regional bibliographical list of Scientific papers. Their first number covered the period from January to June 1949 and geographically the list covers India, Burma and Ceylon. They are, however, handicapped in presenting a complete Bibliography on various grounds one of which also being presumably the vastness of the geographical area covered.

The Zoological Society of Bengal started publishing, a half-yearly Bibliographical supplement in each issue of its *Proceedings*, with a view to providing a ready means of reference to recent literature (original papers, etc.) on Zoology published by zoologists of India, Pakistan, Ceylon and Burma. Their first such number, issued in September 1948, covered some of the references published between July and December, 1948. It will be observed that the geographical area regarded to be covered by the society is even greater than that intended by UNESCO,

Regional office. A good reference Library like that of the Zoological Survey of India is also very necessary.

Recently, in 1950, the National Institute of Sciences of India decided to replace the *Indian Science Abstracts*, the publication of which, as pointed out above, had been under suspension since 1939, by a report on the "Progress of Science in India". The decade 1938-1950 is covered in one Volume and from 1951 it will be an annual publication.

The *Section of Zoology* of this Volume (1938-50), to be published by the Institute under the editorship of Dr. H. S. Rao, Chief Research Officer, Central Inland Fisheries Research Station, Calcutta, will contain four sub-sections, each under a separate author, viz. 1. *General Zoology* (Dr. B. S. Chauhan); 2. *Fisheries* (Dr. N. K. Panikkar); 3. *Entomology* (Dr. M. L. Roonwal) and 4. *Parasitology* (Dr. G. S. Thapar). On account of the vastness of literature published on Indian Zoology during the period, these sub-sections will contain list of only those references, which have been actually referred to in the text. However, the large amount of bibliographical material collected, during the preparation of these reviews, is being published separately. The Entomological Society of India is publishing bibliography of the literature of the Entomology Sub-section. The literature collected for the Sub-section of General Zoology is published here. It is hoped that such literature relating to Fisheries and Parasitology Sub-sections will also be published in due course. About Protozoans, helminths, etc. references, generally of non-parasitic forms only are included here. For the sake of convenience of reference, the references in this publication have been arranged alphabetically under each sub-heading, according to main groups of animals and disciplines of Zoology, e.g., *Protozoa*, *Porifera*, *Cytology*, *Experimental Zoology*, etc. It is needless to mention here that this list is far from complete. The author will feel grateful if omissions are brought to his notice for inclusion in future lists.

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(g) Pycnogonida.

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12. PROTOCHORDATA.

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(iii) *Cephalochordata.*

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13. PISCES.

Separate Sub-Section.

14. HERPETOLOGY.

(i) *Amphibia.*

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