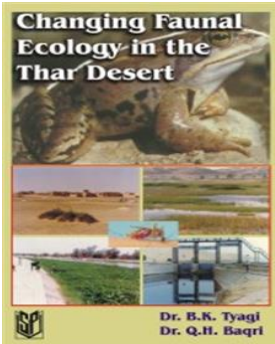


Changing Faunal Ecology in the Thar Desert

[B. K. Tyagi & Q.H. Baqri](#)



ISBN	: 9788172334024	Book Format	: Book
E-ISBN	: 9789387307506	Binding	: Hard Bound
Language	: English	Edition	: 1
Imprint	: Scientific Publishers	© Year	: 2023
Pages	: 367	Trim Size	: 6.5 x 9.75
Weight	: 980 Gms		

Print Book : ₹2,995.00

Individual E Book : ₹3,185.00

Institutional E Book : Price available on request

Blurb

Changing Faunal Ecology in the Thar Desert - dedicated to the fond memory of Professor Dr. Ishwar Prakash, the legendary rodentologist is a unique mlang of scientific investigations on diversified ecological subjects pertaining to different organism groups, from as tiny as protozoa to as giant as mammals. Altogether sixteen contributions, including an original, up-to-date and authentic bio-bibliography of Dr. I. Prakash, make this volume an exceptional treatise penned by 24 expert scientist authors many of whom have spent a life in arid ecosystems including the Thar Desert. The book provides a crystal clear proof of the constantly changing behavioural ecology of animals in the Thar Desert which has been under an ever increasing impact of, among several imminent factors, the Indira Gandhi Nahar Pariyojana (IGNP), one of the worlds largest irrigation systems of its type in a xeric environment. The change is discernible not only in structure and distribution of animals but in their resting, feeding, breeding and, as evident in case of parasites, the extent of parasitism as well as pathogenecity. Finally, this book offers the first well documented evidence of immense behavioral transformation in various different animal groups in the Tharp Desert a phenomenon of enormous significance for both conservation management and diversity inventorization activities of its faunal wealth.

Foreword

Prof. T.N. Ananthkrishnan

PhD, DSc, FNA, FASc, FNAAS Emeritus Scientist

(Former Director, Zoological Survey of India, & Founder Director, Entomology Research Institute, Chennai)

Table of Contents

1. Dr. Ishwar Prakash: Polymath and rodentologist a bio-bibliography Dr. B.K. Tyagi, Dr. Mohd. Idris and Dr. Q.H. Baqri
2. Some natural and anthropogenic specificities of the Thar Dr. R.P. Dhir
3. Impact of introduction of IGNP Canal irrigation on Micro- and Secular changes in Climate of Thar desert region Dr. A.S. Rao
4. Soil bioresources: a technical management in arid environment Dr. B.M. Sharma
5. Impact of changing ecology on termite fauna in arid and semi-arid region of Rajasthan Dr. N. S. Rathore and Dr. Madhumita Mandal
6. Insect diversity conservation status with special reference to butterflies (Lepidoptera: Rhopalocera) Dr. H.S. Rose
7. Some new records of mosquitoes (Culicidae) and haematophagous flies of Tabanidae and Muscidae from the Thar desert Rajasthan, India Dr. Shri Prakash, Dr. Vijay Veer, Dr. M.J. Mendki, Dr. G.P. Gupta and Dr. K.C. Verma
8. Dung beetles (Coleoptera : Scarabaeidae; Coprinae) of the Thar Desert of Rajasthan Dr. Ram Sewak
9. Changing ecology and faunal diversity of amphibians and reptiles in Thar Desert of Rajasthan, India Dr. R.C. Sharma and Dr. Shalini Gaur
10. Evolution of fish hatcheries in India Dr. Devendra Mohan
11. Diversity, abundance and dominance of avian species in the Thar Desert of Rajasthan Dr. C. Sivaperuman, Dr. Sumit Dookia, Dr. P.L. Kankane and Dr. Qaiser H. Baqri
12. Mammalian diversity in the Thar Desert of Rajasthan Dr. S. Chakraborty, Dr. V.C. Agrawal and Dr. S.I. Kazmi
13. Significance of scent marking gland in Desert Rodents Dr. Mohd. Idris
14. Reproduction in Desert Rodents Dr. R.S. Tripathi
15. Scenario of clinical studies of cutaneous leishmaniasis of human and canines Dr. Anil Ahuja
16. Thar Deserts changing climate and the emergence/exacerbation of vector-borne diseases: Past, present and future Dr. B.K. Tyagi

This is computer generated document and does not require signature

Scientific Publishers

Date :- Fri Mar 21 2025