

The present volume of the book series "*Perspectives in Animal Ecology and Reproduction* Vol. 8" is an excellent compilation of twenty four research as well as review communications, lucidly written by stalwarts from various research institutions and universities. The authors have tried to analyse the ecological spectra vis-à-vis breeding strategies adopted by diverse group of animals in nature and under controlled conditions, some of which are as given below:

- ☆ Sodium fluoride induced toxicity in the eggs and larvae of *Drosophila melanogaster*
- ☆ Does predation affect the life style of freshwater copepoda?
- ☆ Body metric variation in populations of the giant African snail, *Achatina fulica* (Bowdich) from two different environ
- ☆ Ionic variability of aquatic environment and osmoregulatory adaptations in teleost fishes: An ecological perspective
- ☆ Behavioural alterations of freshwater airbreathing teleost, *Channa punctatus* (Bloch) in response to heavy metal exposure
- ☆ Fisheries and aquaculture in India-dimension towards development- A review
- ☆ A critical review on certain aspects of anuran integument
- ☆ Time budget activity pattern of behavioural displays of captive axis deer (*Axis axis*)
- ☆ Study of age related changes in the activity of some metabolic enzymes in *Cyprinus carpio* as biomarkers
- ☆ Biopesticides- Its prospects and limitations: An overview
- ☆ Light microscopic as well as ultrastructural changes in adrenal cortex of *Mus norvegicus* induced by sub-lethal heroin administration
- ☆ Mating behaviour of commercially important portunid crab *Portunus pelagicus*
- ☆ Leydig cell differentiation in adult amphibian (*Euphyllctis cyanophlystis*) testis
- ☆ Biochemical changes in ovary and uterus of mice after exposure to indoxacarb
- ☆ Ethno-medicinal use of herbal drugs for enhancing male fertility
- ☆ Sexual selection and mating systems across the animal world : A review

It is hoped that this volume shall generate further database and interest for the benefit of academicians, researchers and scientists working on animal ecology, breeding, reproduction and other aspects in these fields who shall find the book very useful and indispensable in their relevant research pursuits.



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