

Contents

Editorial Board	vii
An Appreciation	ix
Foreword	xi
Preface	xiii

Part I: Animal Ecology

1. Studies on the Environmental Correlates with the Infra Population of *Hemicriconemoides mangiferae* Infesting *Mangifera indica* in Western Uttar Pradesh 3
Anita and A.K. Chaubey
2. Ecological Adaptive Features of Hunter Reduviids (Insecta : Heteroptera : Reduviidae Latreille 1807) and their Biological Control Potential 22
K. Sahayaraj
3. Interactions of Predaceous Ladybirds: A Review 49
Omkar and Geetanjali Mishra

-
4. A Review on the Honey: A By-product of Bees (Insecta: Hymenoptera) Nutritional and Medicinal Aspects 102
S.K. Gahlawat, Bhawana Chhabra, K.L. Jain, R.K. Gupta, Mukesh Dhillon and R.C. Sihag
 5. Study on Biology of Sheep Body Louse *Damalinea ovis* Linn. (Mallophoga) in District Etah (U.P.) 127
R.K. Dubey and Anil Paliwal
 6. Latest Scenario of Fish Diseases in India 134
S.K. Gahlawat, R.K. Gupta, R.C. Sihag and N.K. Yadava
 7. Industrial Pollutant Effects on Fisheries: A Review 144
K.L. Jain, R.K. Gupta and Mukta Sharma
 8. Impact of Seasonal Variation in Physico-chemical Features of Water on Inhabiting Fish Fauna 174
Md. Shamsul Haque, Kaulshalendra Kumar and Binay Kumar Singh
 9. Substrate Specificity in Relation to Spawning and Causes of Egg/Larval Mortality in Common Carp, *Cyprinus carpio* 180
Subash C. Gupta
 10. Ecology and Natural History of Indian Crocodilians with Special Reference to Mugger Crocodile 193
V. Vijaya Kumar
 11. Habitatic Features, Relative Abundance, Sex-ratio and Population Decline of Peafowl *Pavo cristatus* in Channagiri Area of Karnataka, India 230
S. Basavarajappa
 12. Diversity, Status and Feeding Ecology of Avifauna of Ramnagar Wildlife Sanctuary, Jammu 244
Deep N. Sahi and Bharti Sharma
 13. Studies on the Daily Activities of Rhesus Monkeys, *Macaca mulatta* (Zimmermann) in Saraswati and Veer Sonti Forests of Haryana 265
S.K. Gahlawat, R.K. Gupta, R.C. Sihag and R.C. Gupta

-
14. Food and Feeding Habits of Free-ranging Rhesus Monkey in Jammu Region (J&K State) 272
Deep N. Sahi and Shubhra Sharma

Part II: Animal Reproduction

15. Space, Prey Feed Modulation, Reduviid Predator and its Prey Densities on the Reproductive Potential of *Acanthaspis pedestris* Stal (Insecta: Heteroptera: Reduviidae) 289
K. Sahayaraj, G. Raju and J. Francis Borgio
16. Effects of Mercury on Reproductive Physiology in Freshwater Teleost *Danio equipinatus* 310
Kaushalendra Kumar, Binay Kumar Singh, Md. Shamsul Haque and Prerna Azad
17. The Annual Female Reproductive Cycle in Brown River Turtle, *Kachuga smithi* 314
V.K. Gupta
18. Synopsis of Reproductive Characteristics of Freshwater Male Emydid Turtles, *Kachuga tectum* and *Kachuga smithi* from Jammu, J&K State 334
Anil K. Verma
19. The Physiology of Hypothalamic Pituitary Gonadal Axis: The Recent Perspectives 349
Charanjit Kaur Dhanju
20. Effect of Some Antifertility Agents on the GSI in Albino Rats 407
Mangla Bhide and Angel Gupta
21. Ciprofloxacin Acts through Oxidative Stress Generation in Impairing Spermatogenesis and Steroidogenesis in Testes of Adult Male Rats 424
C. Anbalagan and G. Vanithakumari
- Index 433