

Contents

Editorial Board

v

Foreword

vii

Preface

ix

Section I: Animal Ecology

1. Utilisation of Microbial Inoculants for Mulberry
Production: Prospects and Retrospects 3
Ramakrishna Naika, B. Sannappa and S. Basavarajappa
2. Role of Intensified Mass Surveillance Campaign in
Malaria Control of Problematic Section in 14
Sangli District
Mahendra Jagtap & T.V. Sathe
3. Three Decades Trend of Malaria from Sangli
District of Maharashtra, India 25
T.V. Sathe Mahendra Jagtap
4. Biodiversity of Termites (Order: Isoptera) from
Western Ghats of Sindhudurg District, Maharashtra 38
T.V. Sathe and T.M. Chougale

5. Biomonitoring of Organic Pollution in Freshwater <i>T.B. Mruthunjaya and S.P. Hosmani</i>	54
6. Studies on Seasonal and Perennial Ponds and their Composition at the Basin of Sahyadri Hills of Karnataka, India <i>L. Reddy, Ravi, S. Basavarajappa and M. Venkateshwaralu</i>	64
7. Histopathological Alterations in Gill, Kidney and Liver of Freshwater Teleost, <i>Channa punctatus</i> (Bloch), Induced by Sublethal Exposure to Carbaryl and Cartap <i>D.K. Mishra, K. Bohidar and A.K. Pandey</i>	79
8. Review of the Anuran Fauna (Amphibia: Anura) from Mustang, with Description of Four Species <i>K.R. Rai, B.R. Subba and K.P. Limbu</i>	97
9. Declining Ranine (Amphibia: Anura) Populations in Jammu Shiwaliks, J&K State with a Note on their Conservation <i>A.K. Verma and V.K. Gupta</i>	111
10. Ecology and Community Structure of Pilar Lake (Goa, India) with Special Reference to Birds: A Comprehensive Study <i>A.B. Shanbhag, S.D. Borges and R. Walia</i>	120
11. Ecology of Unmanaged Monoculture Plantations in Goa (India) with Special Reference to Birds <i>A.B. Shanbhag and Minal Desai</i>	155
12. Effects of Sublethal Cypermethrin and Fenvalerate Administration on Serum Calcium and Inorganic Phosphate Levels as well as Parathyroid Gland and Thyroid C Cells of <i>Rattus norvegicus</i> <i>Shaheda P. Rangoonwala, S.A. Suryawanshi and A.K. Pandey</i>	190
13. Grazing Habitat: Indicator of the Abundance of Rusa Timor Deer (<i>Cervus timorensis</i>) in the Upland Kebar Grassland Papua, Indonesia <i>Freddy Pattiselanno</i>	209

-
- | | |
|--|-----|
| 14. Conservation of the Proboscis Monkey and the Orangutan in Borneo: Comparative Issues and Economic Considerations | 225 |
| <i>Clem Tisdell & Hemanath Swarna Nantha</i> | |
| 15. Sangai <i>Cervus eldi eldi</i> Status and Ecology | 251 |
| <i>S.A. Hussain, Sangeeta Angom, Ngailian Vaiphei and Kimjalhai Kipgen</i> | |
| 16. Evaluation of Tourism Facilities in Dudhwa National Park and Tiger Reserve at Kheri, Uttar Pradesh, India | 267 |
| <i>Bitapi C. Sinha and S.K. Gularia</i> | |
| 17. Review on Traditional Hunting: An Approach for Sustainable Wildlife Management in Papua, Indonesia | 298 |
| <i>Freddy Pattiselanno</i> | |
| 18. Evaluation of Anticoagulants Against Rodent Pests and their Efficacy to Non-target Animals | 309 |
| <i>Y. Sharma and Kavita Sahni</i> | |
| 19. The Environmental Impact of Tourism on Gir National Park, Gujarat, India | 314 |
| <i>Bitapi C. Sinha</i> | |

Section II: Animal Reproduction

- | | |
|---|-----|
| 20. Quantitative Residual Analysis of Methanolic and Petroleum Ether Extracts of Abrin and Cerberin Glycosides in Different Developmental Stages of <i>Lymnaea stagnalis</i> and <i>Lymnaea acuminata</i> | 329 |
| <i>Mangla Bhide, Preeti Nema, Priyamvada Gupta, Mohd. Arif Khan, Ujjawal Dubey and Shikha Jain</i> | |
| 21. Hypothalamo-Neurosecretory System of the Marine Teleost, <i>Decapterus russelli</i> with Particular Reference to Gonadal Maturation | 369 |
| <i>A.K. Pandey</i> | |
| 22. Toxicity of Ciprofloxacin in the Seminal Vesicles of Rats and the Rescue of Antioxidant Vitamins | 382 |
| <i>G. Vanitha Kumari, R. Deivendran, B. Kalaivani and C. Anbalagan</i> | |

23. Molecular Mechanism of Sperm Capacitation: Surface and Intracellular Changes	403
<i>Charanjit Kaur Dhanju, Ranjna S. Cheema, R. Kaur and G. Toor</i>	
24. Are Vitamins Effective in Alleviating the Oxidative Stress Induced by Ciprofloxacin in the Epididymis of Rats?	442
<i>G. Vanithakumari, R. Deivendran, B. Kalaivani and C. Angalagan</i>	
Previous Volumes	455
Index	467