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Nota di contenuto	Section I. General Principles Underlying Behavioural Studies in Vertebrates -- Chapter 1. Animal behaviour and Humans: Conflict, Coexistence and Conservation -- Chapter 2. Is Photography Only Advantageous for Research and Ecotourism? A Reassessment to Increase its Value in Conservation Efforts -- Chapter 3. Danio rerio: A Promising tool for Neurodegenerative Dysfunctions -- Chapter 4. Chronobiology – Circadian Rhythm and Cancer -- Chapter 5. Statistical Methods for Animal Behaviour Inference -- Section II. Exploring Behaviour in Vertebrates -- Chapter 6. Personality is the Key to Success: An Amphibian Perspective -- Chapter 7. A Global Synthesis of the Impacts of Urbanisation on Amphibians -- Chapter 8. Behavioral responses of Olive Ridley Sea Turtles, Lepidochelys olivacea to beach Cleaning and Conservation measures off the West Coast of India -- Chapter 9. Reptile Love: Are We Treating them Humanely? -- Chapter 10. Population Studies on Pit Vipers (Reptilia: Serpentes) South Western Ghats, Tamil Nadu, India -- Chapter 11. Chemical Signalling while

Mating in Tropical Bats -- Chapter 12. Olfactory Learning in Greater Short-Nosed Fruit Bat *Cynopterus sphinx* -- Chapter 13. Roosting Behaviour of Indian Flying Fox (*Pteropus medius*) Temminck -- Chapter 14. Synurbization in a Songbird the Red-vented Bulbul (*Pycnonotus cafer*) in India -- Chapter 15. Foraging Ecology of Wintering Anatids: A Review -- Chapter 16. Migration in Tropical Birds -- Chapter 17. Urban Birds and Adaptive Behaviours -- Chapter 18. Behavioural Ecology of Larger Bandicoot Rat, *Bandicota indica* (Bechstein), Burrow Ecology, Social and Feeding Behaviour -- Chapter 19. Seasonal Reproductive Strategies of Indian Palm Squirrel, *Funambulus pennanti*: Modulation by Climate, Pineal Gland and Melatonin -- Chapter 20. Behavior and Ecology of Swamp deer (*Rucervus duvaucelii duvaucelii*) in Captivity in India -- Chapter 21. Behavioural Activity Patterns of Indian Spotted Chevrotain *Moschiola indica* (Mammalia: Tragulidae) in Captivity -- Chapter 22. Behaviour and Breeding of Himalayan Goral (*Naemorhaedus goral*) in Captivity -- Chapter 23. Wintering Diet Selectivity of Sloth Bear, *Melursus ursinus* Shaw, 1791 in dry deciduous eco-system of Gujarat, India -- Chapter 24. Social Organisation of Asian Elephants: Findings from the Kabini Elephant Population, South India -- Chapter 25. Patterns of Crop Foraging by Asian Elephants (*Elephas maximus*) in Central Kerala, India -- Chapter 26. Asiatic Lions : Behavior in the Wild and Captivity.

Sommario/riassunto

This book discusses trends in animal behavior focusing specifically on vertebrates from the tropical region. It includes topics on a wide range of disciplines such as electrophysiology, molecular biology, reproductive physiology, foraging and feeding behavior, chemical ethology and ecology, in-situ and ex-situ conservation, circadian rhythms, climate change and several other related topics that are of high interest and utility. Tropical countries have a unique and diversified fauna across their different biogeographical habitats. This book covers numerous species of vertebrates from the tropical region and also discusses several case studies to provide detailed information about the recent trends in the animal behavior pattern. This book is useful for academicians, researchers, ethologists, wildlife specialists and practitioners. This book is also an interesting read for scholars, professors and policy makers involved in the field of zoology, naturalists and wildlife enthusiasts.
