

# TABLE OF CONTENTS

1. □ **Front Matter**
2. **The Importance of Reproduction for the Conservation of Slow-Growing Animal Populations**  
Oliver Manlik
3. **Reproductive Impact of Environmental Chemicals on Animals**
  - Rakesh Kanda
4. **Transgenerational Impact of Environmental Change**
  - Hannah L. Morgan, Adam J. Watkins
5. **Stress, Well-Being and Reproductive Success**
  - Katie L. Edwards, Ashley N. Edes, Janine L. Brown
6. **Physiological Thresholds in the Context of Marine Mammal Conservation**
  - Karina Acevedo-Whitehouse
7. **The Role of Reproductive Sciences in the Preservation and Breeding of Commercial and Threatened Teleost Fishes**
  - Ian Mayer
8. **Reproductive Microbiomes in Wild Animal Species: A New Dimension in Conservation Biology**
  - Pierre Comizzoli, M. Power

## **Progress in Understanding, Assisting, or Suppressing Reproduction in Wild Species**

1. **Front Matter**
2. **Update on Comparative Biology of Elephants: Factors Affecting Reproduction, Health and Welfare**
  - Janine L. Brown
3. **Comprehensive Breeding Techniques for the Giant Panda**
  - Meghan S. Martin-Wintle, David C. Kersey, Nathan J. P. Wintle, Copper Aitken-Palmer, Megan A. Owen, Ronald R. Swaisgood
4. **Marsupials: Progress and Prospects**
  - John C. Rodger

- 5. Using the Koala (*Phascolarctos cinereus*) as a Case Study to Illustrate the Development of Artificial Breeding Technology in Marsupials: an Update**
  - Stephen D. Johnston, William V. Holt
- 6. Reproductive Science Methods for Wild, Fully-Marine Mammals: Current Approaches and Future Applications**
  - Janet M. Lanyon, Elizabeth A. Burgess
- 7. Amphibian Assisted Reproductive Technologies: Moving from Technology to Application**
  - J. Clulow, R. Upton, V. L. Trudeau, S. Clulow
- 8. Reproductive Science in Sharks and Rays**
  - Linda M. Penfold, Jennifer T. Wyffels
- 9. Cryopreservation as a Tool for Reef Restoration: 2019**
  - Mary Hagedorn, Rebecca Spindler, Jonathan Daly
- 10. Fertility Control in Wildlife: Review of Current Status, Including Novel and Future Technologies**
  - Cheryl Asa, Anneke Moresco.