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| Autore                  | Van Dyke Fred                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Titolo                  | Conservation Biology : Foundations, Concepts, Applications / / by Fred Van Dyke, Rachel L. Lamb                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| Edizione                | [3rd ed. 2020.]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Descrizione fisica      | 1 online resource (XXXI, 613 p. 360 illus., 233 illus. in color.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Disciplina              | 333.9516                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Soggetti                | Biodiversity<br>Animal migration<br>Conservation biology<br>Ecology<br>Animal culture<br>Animal Migration<br>Conservation Biology<br>Animal Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Nota di contenuto       | Foreword -- Preface -- Acknowledgements -- About the Authors -- List of Reviewers -- Chapter 1. The History and Distinctions of Conservation Biology -- Chapter 2. Biodiversity: Concept, Measurement, and Management -- Chapter 3. Human Presence and the Need for Conservation -- Chapter 4. Climate Change and its Impact on Conservation -- Chapter 5. Conservation Genetics -- Chapter 6. The Conservation of Populations: Theory, Analysis, Application -- Chapter 7. The Conservation of Terrestrial Habitat and Landscapes -- Chapter 8. The Conservation of Aquatic Systems -- Chapter 9. Conservation Through Ecosystem Management -- Chapter 10. Values and Ethics in Conservation -- Chapter 11. Conservation Economics and Sustainable Development -- Chapter 12. The Legal Foundations of Conservation Biology -- Chapter 13. Conservation as Vocation -- Index. |
| Sommario/riassunto      | This book provides a thorough, up-to-date examination of                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

conservation biology and the many supporting disciplines that comprise conservation science. In this, the Third Edition of the highly successful *Conservation Biology: Foundations, Concepts, Applications*, the authors address their interdisciplinary topic as it must now be practiced and perceived in the modern world. Beginning with a concise review of the history of conservation, the authors go on to explore the interplay of conservation with genetics, demography, habitat and landscape, aquatic environments, and ecosystem management, and the relationship of all these disciplines to ethics, economics, law, and policy. An entirely new chapter, *The Anthropocene: Conservation in a Human-Dominated Nature*, breaks new ground in its exploration of how conservation can be practiced in anthropogenic biomes, novel ecosystems, and urban habitats. The Third Edition includes the popular Points of Engagement discussion questions used in earlier editions, and adds a new feature: Information Boxes, which briefly recap specific case histories described in the text. A concluding chapter offers insight into how to become a conservation professional, in both traditional and non-traditional roles. The authors, Fred Van Dyke and Rachel Lamb, draw on their expertise as field biologists, wildlife managers, consultants to government and industry, and scholars of environmental law, policy, and advocacy, as well as their many years of effective teaching experience. Informed by practical knowledge and acquired skills, the authors have created a work of exceptional clarity and readability which encompasses both systemic foundations as well as contemporary developments in the field. *Conservation Biology: Foundations, Concepts, Applications* will be of invaluable benefit to undergraduate and graduate students, as well as to working conservation scientists and managers. This is an amazing resource for students, faculty, and practitioners both new and experienced to the field. Diane Debinski, PhD Unexcelled wisdom for living at home on Wonderland Earth, the planet with promise, destined for abundant life. Holmes Rolston, PhD Van Dyke and Lamb have maintained the original text's emphasis on connecting classical ecological and environmental work with updated modern applications and lucid examples. But more importantly, the third edition contains much new material on the human side of conservation, including expanded treatments of policy, economics, and climate change. Tim Van Deelen, PhD Fred Van Dyke and Rachel Lamb break new ground in both the breadth and depth of their review and analysis of this crucially important and rapidly changing field. Any student or other reader wishing to have a comprehensive overview and understanding of the complexities of conservation biology need look no further – this book is your starting point! Simon N. Stuart, PhD.

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