

Contents

Introduction by David Quammen xv

BIOPHILIA

Prologue 5

Bernhardsdorp 7

The Superorganism 25

The Time Machine 38

The Bird of Paradise 47

The Poetic Species 52

The Serpent 74

The Right Place 91

The Conservation Ethic 106

Surinam 125

Acknowledgments 129

THE DIVERSITY OF LIFE

VIOLENT NATURE, RESILIENT LIFE

1. Storm over the Amazon 137

2. Krakatau 149

3. The Great Extinctions 158

BIODIVERSITY RISING

4. The Fundamental Unit 169

5. New Species 184

6. The Forces of Evolution 208

- 7. Adaptive Radiation 227
- 8. The Unexplored Biosphere 267
- 9. The Creation of Ecosystems 299
- 10. Biodiversity Reaches the Peak 319

THE HUMAN IMPACT

- 11. The Life and Death of Species 353
- 12. Biodiversity Threatened 383
- 13. Unmined Riches 425
- 14. Resolution 456
- 15. The Environmental Ethic 489

Glossary 503

Acknowledgments 523

Credits 529

NATURALIST

Prelude 535

PART I DAYBREAK IN ALABAMA

- 1. Paradise Beach 539
- 2. Send Us the Boy 546
- 3. A Light in the Corner 559
- 4. A Magic Kingdom 569
- 5. To Do My Duty 579
- 6. Alabama Dreaming 594
- 7. The Hunters 607
- 8. Good-Bye to the South 626
- 9. Orizaba 637

PART II STORYTELLER

- 10. The South Pacific 655
- 11. The Forms of Things Unknown 683
- 12. The Molecular Wars 700
- 13. Islands Are the Key 718
- 14. The Florida Keys Experiment 735
- 15. Ants 753
- 16. Attaining Sociobiology 775
- 17. The Sociobiology Controversy 794
- 18. Biodiversity, Biophilia 814

Acknowledgments 825

Chronology 829

Note on the Texts 839

Notes 841

Index 915