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Nota di contenuto	Intro -- Contents -- Contributors -- Part I. Recurring Themes -- 1. Nature and Causes of Variation -- 2. Evolutionary Significance of Variation -- 3. Natural Selection -- 4. Adaptation -- 5. Phenotypic Plasticity -- 6. Population Structure -- 7. Inbreeding and Outbreeding -- Part II. Life Histories -- 8. Age and Size at Maturity -- 9. Offspring Size and Number -- 10. Senescence -- 11. Life Cycles -- 12. Sex and Gender -- 13. Sex Ratios and Sex Allocation -- 14. Ecological Specialization and Generalization -- Part III. Behavior -- 15. Mating Systems -- 16. Sexual Selection -- 17. Cooperation and Altruism -- 18. Foraging Behavior -- 19. The Evolutionary Ecology of Movement -- Part IV. Interspecific Interactions -- 20. Ecological Character Displacement -- 21. Predator-Prey Interactions -- 22. Parasite-Host Interactions -- 23. Plant-Herbivore Interactions -- 24. Mutualisms -- 25. The Geographic Dynamics of Coevolution -- Part V. Adaptation to Anthropogenic Change -- 26. Pesticide Resistance -- 27. Predicting the Outcome of Biological Control -- 28. Evolutionary Conservation Biology -- References -- Index -- A -- B -- C -- D -- E -- F -- G -- H -- I -- J

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Sommario/riassunto

This book, featuring contributions by the leading workers in the field, provides a current synthetic overview of evolutionary ecology, for researchers and serious students in both ecology and evolutionary biology. The book will also serve as supplemental reading or as a textbook for graduate and advanced undergraduate seminars and courses in evolutionary ecology. The book is divided into five major sections: an overview of the major topics in evolutionary biology for ecologists, and sections on life histories, behavior, coevolution, and adaptation to anthropogenic change.
