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Altri autori (Persone)	CarrollJohn P
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Nota di contenuto	Quantitative Conservation of Vertebrates; Preface; Acknowledgements; Companion website and CD-ROM; 1I ntroduction: the role of science in conservation; Part I Basic concepts in scientific investigations for conservation; 2 sing models inconservation biology; 3 Models of population dynamics; 4 Applying population models to conservation; 5 Basics of study design and analysis; Part II Conservation studies and monitoring programs; 6 General principles of estimation; 7 Occupancy (presence-absence)analysis; 8 Sample counts for abundance estimation; 9 Distance sampling for estimating density and abundance 10 Capture-mark-recapture studies for estimating abundance and density 11 Estimation of survival from radiotelemetry, nesting success studies, and age distributions; 12 Mark-recapture for estimating survival, recruitment, abundance,and movement rates; 13 Analysis of habitat; 14 Estimation of species richness and other community parameters; Part III Integrating modeling and monitoring for conservation; 16 Accounting for uncertainty inconservation decisions; 17 Learning and adaptive management; 18 Case study: decision modeling and adaptive management for declining grassland birds in the southeastern USA 19 Summary and recommendations Literature cited; Glossary; Appendix A: Statistical and modeling programs available on the worldwide web;

	Appendix B: Other internetre sources; Appendix C:Modeling and statistical notation; Appendix D: Key to abundance and parameter estimation; Index
Sommario/riassunto	This book provides a hands-on introduction to the construction and application of models to studies of vertebrate distribution, abundance, and habitat. The book is aimed at field biologists, conservation planners, and advanced undergraduate and postgraduate students who are involved with planning and analyzing conservation studies, and applying the results to conservation decisions. The book also acts as a bridge to more advanced and mathematically challenging coverage in the wider literature. Part I provides a basic background in population and community modeling. It introduces statisti