

1. Record Nr.	UNINA9910807435503321
Autore	Crisci Jorge Victor
Titolo	Historical biogeography : an introduction // Jorge V. Crisci, Liliana Katinas, Paula Posadas
Pubbl/distr/stampa	Cambridge, MA, : Harvard University Press, 2003
ISBN	0-674-03004-4
Edizione	[1st ed.]
Descrizione fisica	1 online resource (264 p.)
Classificazione	RB 10486
Altri autori (Persone)	KatinasLiliana PosadasPaula
Disciplina	578/.09
Soggetti	Biogeography - History
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 210-239) and index.
Nota di contenuto	Preface; Contents ; Introduction: What Is Historical Biogeography?; I. Methods in Historical Biogeography ; 1. Distribution Areas and Areas of Endemism; 2. Center of Origin and Dispersal; 3. Phylogenetic Biogeography; 4. Ancestral Areas; 5. Panbiogeography; 6. Cladistic Biogeography; 7. Parsimony Analysis of Endemicity; 8. Event-Based Methods; 9. Phylogeography; 11. A Comparison of Methods: The Case of the Southern Beeches; II. Topics in Historical Biogeography; 12. Molecular Phylogenies in Biogeography; 13. Biodiversity and Conservation Evaluations; 14. Species Introduction Conclusion: A Conceptual Framework for the Future Appendix A: Phylogeny; Appendix B: Software in Historical Biogeography; Glossary; Works Cited; Index
Sommario/riassunto	Though biogeography may be simply defined--the study of the geographic distributions of organisms--the subject itself is extraordinarily complex, involving a range of scientific disciplines and a bewildering diversity of approaches. For convenience, biogeographers have recognized two research traditions: ecological biogeography and historical biogeography. This book makes sense of the profound revolution that historical biogeography has undergone in the last two decades, and of the resulting confusion over its foundations, basic concepts, methods, and relationships to other disciplines of comparative biology. Using case studies, the authors explain and illustrate the fundamentals and the most frequently used methods of

this discipline. They show the reader how to tell when a historical biogeographic approach is called for, how to decide what kind of data to collect, how to choose the best method for the problem at hand, how to perform the necessary calculations, how to choose and apply a computer program, and how to interpret results.

---