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Titolo	Marine historical ecology in conservation : applying the past to manage for the future // edited by John N. Kittinger [and three others] ; Daniel Pauly, foreword
Pubbl/distr/stampa	[Berkeley, California] : , : University of California Press, , 2015 ©2015
ISBN	0-520-95960-4
Descrizione fisica	1 online resource (310 p.)
Collana	The Stephen Bechtel Fund imprint in ecology and the environment Marine historical ecology in conservation
Disciplina	577.7
Soggetti	Marine ecology Human ecology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front matter -- CONTENTS -- CHAPTER CONTRIBUTORS -- VIEWPOINT CONTRIBUTORS -- FOREWORD -- ACKNOWLEDGMENTS -- 1. Managing Human Legacies in a Changing Sea: An Introduction -- 2. What Recovery of Exploited Marine Animals Tells Us about Management and Conservation -- 3. Natural or Anthropogenic? Novel Community Reassembly after Historical Overharvest of Pacific Coast Pinnipeds -- 4. Using Disparate Datasets to Reconstruct Historical Baselines of Animal Populations -- 5. Improving Fisheries Assessments Using Historical Data: Stock Status and Catch Limits -- 6. Understanding Fisheries through Historical Reconstructions: Implications for Fishery Management and Policy -- 7. Back to the Future: Integrating Customary Practices and Institutions into Comanagement of Small-scale Fisheries -- 8. Historical Information for Ecological Restoration in Estuaries and Coastal Ecosystems -- 9. Estimates of Historical Ecosystem Service Provision Can Guide Restoration Efforts -- 10. Incorporating Historical Perspectives into Systematic Marine Conservation Planning -- 11. Engaging Public Interest in the Ocean of the Past: The Promise of New Media -- 12. Choice without Memory: Uncovering the Narrative Potential of Historical Ecology -- INDEX
Sommario/riassunto	This pioneering volume provides a blueprint for managing the

challenges of ocean conservation using marine historical ecology-an interdisciplinary area of study that is helping society to gain a more in-depth understanding of past human-environmental interactions in coastal and marine ecosystems and of the ecological and social outcomes associated with these interactions. Developed by groundbreaking practitioners in the field, Marine Historical Ecology in Conservation highlights the innovative ways that historical ecology can be applied to improve conservation and management efforts in the oceans. The book focuses on four key challenges that confront marine conservation: (1) recovering endangered species, (2) conserving fisheries, (3) restoring ecosystems, and (4) engaging the public. Chapters emphasize real-world conservation scenarios appropriate for students, faculty, researchers, and practitioners in marine science, conservation biology, natural resource management, paleoecology, and marine and coastal archaeology. By focusing on success stories and applied solutions, this volume delivers the required up-to-date science and tools needed for restoration and protection of ocean and coastal ecosystems.

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