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Altri autori (Persone)	CarrierJeffrey C MusickJohn A HeithausMichael R
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Nota di contenuto	Front Cover; Dedication; Contents; Preface; Acknowledgments; Editors; Contributors; Section I: Phylogeny and Zoogeography; 1. The Origin and Relationships of Early Chondrichthyans; 2. Elasmobranch Phylogeny: A Mitochondrial Estimate Based on 595 Species; 3. Phylogeny of Batoidea; 4. Phylogeny, Biology, and Classification of Extant Holocephalans; Section II: Form, Function, and Physiological Processes; 5. Biomechanics of Locomotion in Sharks, Rays, and Chimeras; 6. Prey Capture Behavior and Feeding Mechanics of Elasmobranchs; 7. Energetics, Metabolism, and Endothermy in Sharks and Rays 8. Food Consumption and Feeding Habits9. Integrative Multisensor Tagging: Emerging Techniques to Link Elasmobranch Behavior, Physiology, and Ecology; 10. Reproductive Biology of Elasmobranchs; 11. Hormonal Regulation of Elasmobranch Physiology; 12. Sensory Physiology and Behavior of Elasmobranchs; 13. Recent Advances in Elasmobranch Immunology; Section III: Ecology and Life History; 14. Assessing the Age and Growth of Chondrichthyan Fishes; 15. Population Dynamics, Demography, and Stock Assessment; 16.

Genetics of Sharks, Skates, and Rays; 17. Predator-Prey Interactions
18. An Updated Look at Elasmobranchs as Hosts of Metazoan
Parasites19. Assessing Habitat Use and Movement

Sommario/riassunto

Virtually every area of research associated with sharks and their relatives has been strongly impacted by the revolutionary growth in technology. The questions we can now ask are very different than those reported even two decades ago. Modern immunological and genetic techniques, satellite telemetry and archival tagging, modern phylogenetic analysis, GIS, and bomb dating, are just a few of the techniques and procedures that have become a part of our investigative lexicon. A modern synthesis of the biology of Chondrichthyans, *Biology of Sharks and Their Relatives*, Second

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Autore

Degl'Innocenti Donatella

Titolo

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This Special Issue covers original and innovative basic research regarding the anti-inflammatory potential of several classes of secondary metabolites (i.e., polyphenols, phytosterols, proteoglycans, and polysaccharides) in manifestations of acute and chronic inflammation in both in vitro and in vivo experimental models.