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| Nota di contenuto | Epipelagic oceanic elasmobranchs / John D. Stevens -- Deepwater chondrichthyans / Peter M. Kyne and Colin A. Simpfendorfer -- Chondrichthyans of high latitude seas / David A. Ebert and Megan V. Winton -- Elasmobranchs of tropical marine ecosystems / William T. White and Emma Sommerville -- Biology of the South American potamotrygonid stingrays / Ricardo S. Rosa, Patricia Charvet-Almeida, and Carla Christie Diban Quijada -- Life history strategies of batoids / Michael G. Frisk -- Ontogenetic shifts in movements and habitat use / R. Dean Grubbs -- Tracking and analysis techniques for understanding free-ranging shark movements and behavior / David W. Sims -- Sensory adaptations to the environment : electroreceptors as a case study / Stephen M. Kajiura, Anthony D. Cornett, and Kara E. Yopak -- |

Molecular insights into elasmobranch reproductive behavior for conservation and management / David S. Portnoy -- Physiological responses to stress in sharks / Gregory Skomal and Diego Bernal -- Pollutant exposure and effects in sharks and their relatives / James Gelsleichter and Christina J. Walker -- Factors contributing to shark attacks on humans : a Volusia County, Florida, case study / George H. Burgess ... [et al.] -- Shark control : methods, efficacy, and ecological impact / Sheldon F.J. Dudley and Geremy Cliff -- DNA forensic applications in shark management and conservation / Mahmood S. Shivji -- Unraveling the ecological importance of elasmobranchs / Michael R. Heithaus ... [et al.] -- Life histories, population dynamics, and extinction risks in chondrichthyans / Nicholas K. Dulvy and Robyn E. Forrest.

Sommario/riassunto

Examines how elasmobranch fishes - the sharks, skates, rays, and chimaeras - successfully survive in a wide range of habitats. This title explores the physiological adaptations that make these animals particularly well suited for the range of habitats where they are found, in both oceanic and freshwater realms.