Record Nr. UNINA9910822831603321 Biology of butterflyfishes / / editors, Morgan S. Pratchett, Michael L. **Titolo** Berumen, B.G. Kapoor Pubbl/distr/stampa Boca Raton, Fla.:,: CRC Press,, 2014 **ISBN** 0-429-07306-2 1-4665-8289-8 Descrizione fisica 1 online resource (360 p.) Altri autori (Persone) PratchettMorgan BerumenMichael L KapoorB. G Disciplina 597.72 597/.72 Soggetti Chaetodontidae Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Cover; Foreword; Contents; Chapter 1: The Origins and Diversification of Coral Reef Butterflyfishes; Chapter 2: Functional Morphology of Butterflyfishes; Chapter 3: Hybridisation among Butterflyfishes; Chapter 4: Biogeography of Butterflyfishes: A Global Model for Reef Fishes?; Chapter 5: Diversity in Diet and Feeding Behaviour of Butterflyfishes: Reliance on Reef Corals versus Reef Habitats; Chapter 6: Feeding Preferences and Dietary Specialisation among Obligate Coral-Feeding Butterflyfishes; Chapter 7: Corallivory: The Coral's Point of View Chapter 8: Social Structures and Spawning Behavior of Chaetodon ButterflyfishesChapter 9: Susceptibility of Butterflyfish to Habitat Disturbance: Do 'chaets' Ever Prosper?; Chapter 10: Corallivorous Butterflyfishes as Ambassadors of Coral Reefs: Chapter 11: Harvesting of Butterflyfishes for Aquarium and Artisanal Fisheries; Chpater 12: Captive Care and Breeding of Coral Reef Butterflyfishes; Chapter 13: Butterflyfishes as a Model Group for Reef Fish Ecology: Important and Emerging Research Topics; Colour Plate Section; Back Cover Sommario/riassunto Butterflyfishes (family Chaetodontidae) are a highly conspicuous component of fish fauna on coral reefs throughout the world. In light of

their strong dependence on coral, they are often regarded as the

epitome of coral reef fishes. This volume examines the ecology and conservation of coral reef butterflyfishes. It provides important insights on their evolution and key events and adaptations that have led to their proliferation within coral reef ecosystems. Key to the longevity of butterflyfishes is the evolution of coral-feeding-a central focus of the ecological chapters in this volume. Th