

1. Record Nr.	UNINA9910349450803321
Titolo	Ethology and Behavioral Ecology of Odontocetes // edited by Bernd Würsig
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-16663-5
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (xviii, 504 pages) : illustrations
Collana	Ethology and Behavioral Ecology of Marine Mammals, , 2523-7500
Disciplina	599.5309263 599.53
Soggetti	Behavioral sciences Conservation biology Ecology Animal ecology Zoology Biodiversity Behavioral Sciences Conservation Biology/Ecology Animal Ecology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	PART I: Patterns of Odontocete Ethology and Behavioral Ecology -- Chapter 1. Grouping Behaviors of Dolphins and Other Toothed Whales -- Chapter 2. Communication by Sound, and by Visual, Tactile, and Chemical Sensing -- Chapter 3. Social Ecology of Feeding in an Open Ocean -- Chapter 4. Sexual Strategies: Male and Female Mating Tactics -- Chapter 5. Maternal Care and Offspring Development in Odontocetes -- Chapter 6. Movement Patterns of Odontocetes Through Space and Time -- Chapter 7. Predator/Prey Decisions and the Ecology of Fear -- Chapter 8. Odontocete Social Strategies and Tactics Along and Inshore -- Chapter 9. Oceanic Dolphin Societies: Diversity, Complexity and Conservation -- Chapter 10. Odontocete Adaptations to Human Impact, and Vice Versa -- PART II: Examples of Odontocete Ethology and Behavioral Ecology: Present Knowledge and Ways Forward

-- Chapter 11. Killer Whales: Behavior, Social Organization and Ecology of the Oceans' Apex Predators -- Chapter 12. Sperm Whale: The Largest Toothed Creature on Earth -- Chapter 13. Pilot Whales: Delphinid Matriarchies in Deep Seas -- Chapter 14. Behavior and Ecology of Not-So-Social Odontocetes: Cuvier's and Blainville's Beaked Whales -- Chapter 15. Common Bottlenose Dolphins Foraging: Behavioral Solutions that Incorporate Habitat Features and Social Associates -- Chapter 16. The Indo-Pacific bottlenose dolphin (*Tursiops aduncus*) -- Chapter 17. Spinner Dolphins of Islands and Atolls -- Chapter 18. Dusky Dolphins of Continental Shelves and Deep Canyons -- Chapter 19. Cetacean Sociality in Rivers, Lagoons, and Estuaries -- Chapter 20. Hector's and Mui Dolphins: Small Shore-Living Delphinids with Disparate Social Structures -- Chapter 21. Porpoises the World Over: Diversity in Behavior and Ecology -- Chapter 22. Endangered Odontocetes and the Social Connection: Selected Examples of Species at Risk -- Chapter 23. Ethology and Behavioral Ecology of Odontocetes: Concluding Remarks.

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#### Sommario/riassunto

This book concentrates on the marine mammalian group of Odontocetes the toothed whales, dolphins, and porpoises. In 23 chapters, a total of 40 authors describe general patterns of ethological concepts of odontocetes in their natural environments, with a strong bent towards behavioral ecology. Examples are given of particularly well-studied species and species groups for which enough data exist, especially from the past 15 years. The aim is to give a modern flavor of present knowledge of ethology and behavior of generally large-brained behaviorally flexible mammals that have evolved quite separately from social mammals on land. As well, the plight of populations and species due to humans is described in multiple chapters, with the goal that an understanding of behavior can help to solve or alleviate at least some human-made problems. .

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