

- | | |
|-------------------------|--|
| 1. Record Nr. | UNISA990001444600203316 |
| Autore | CROCE, Benedetto <1866-1952> |
| Titolo | 34: Poesia antica e moderna : interpretazioni / Benedetto Croce |
| Pubbl/distr/stampa | Bari : Laterza, 1943 |
| Edizione | [2. ed. riveduta] |
| Descrizione fisica | VIII, 454 p. ; 21 cm |
| Collocazione | II.1.D. 6387 3.34a(IV A Coll. 42/XXXIV a) |
| Lingua di pubblicazione | Italiano |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| 2. Record Nr. | UNINA9910132303403321 |
| Titolo | Fish pheromones and related cues // edited by Peter W. Sorensen, Department of Fisheries, Wildlife & Conservation Biology, University of Minnesota, Saint Paul, MN 55108 U.S.A., Brian D. Wisenden, Biosciences Department, Minnesota State University at Moorhead, Moorhead, Minnesota 55603, U.S.A |
| Pubbl/distr/stampa | Chichester, West Sussex : , : John Wiley & Sons, Inc., , 2015 |
| ISBN | 1-118-79473-7
1-118-83732-0 |
| Descrizione fisica | 1 online resource (308 p.) |
| Disciplina | 597 |
| Soggetti | Fishes - Physiology
Pheromones
Sex recognition (Zoology)
Animal communication |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |

Title Page; Copyright Page; Contents; Contributors; Preface; Chapter 1 Introduction to Pheromones and Related Chemical Cues in Fishes; 1.1 CHEMICAL INFORMATION TRANSFER IN FISH; 1.2 TERMINOLOGY; 1.2.1 Overview; 1.2.2 Pheromones; 1.2.3 Signature Mixtures; 1.2.4 Other Definitions Relevant to this Book; 1.3 FUNCTIONS SERVED BY PHEROMONES AND RELATED CUES; 1.3.1 Overview; 1.3.2 Alarm Cues; 1.3.3 Nonreproductive Recognition and Aggregation; 1.3.4 Individual and Kin Recognition; 1.3.5 Ornamental Odors; 1.3.6 Reproductive Stimulants; 1.4 PHEROMONE IDENTITY, SYNTHESIS, AND RELEASE; 1.5 PHEROMONE DETECTION AND PHYSIOLOGICAL RESPONSIVENESS; 1.5.1 Overview; 1.5.2 Pheromone Receptors; 1.5.3 Olfactory Discrimination of Pheromones; 1.5.4 Pheromonal Signaling and Communication; 1.6 PRACTICAL APPLICATIONS OF FISH PHEROMONES; 1.6.1 Overview; 1.6.2 Effects of Pollution on the Perception of Conspecific Cues; 1.6.3 Application of Pheromones to the Management and Control of Wild Fisheries; 1.6.4 Measuring and Interpreting Pheromones in the Water; 1.6.5 Applications of Pheromones in Marine Fish and Their Culture; 1.7 SUMMARY; ACKNOWLEDGMENTS; REFERENCES

Chapter 2 Species-Specific Pheromones and Their Roles in Shoaling, Migration, and Reproduction: A Critical Review and Synthesis; 2.1 INTRODUCTION; 2.2 PHEROMONES AND NONREPRODUCTIVE SHOALING BEHAVIOR; 2.3 PHEROMONES AND THEIR ROLE IN MIGRATORY ORIENTATION; 2.3.1 The Role of Migratory Pheromones in Anadromy; 2.3.2 Migratory Pheromones and Amphidromy; 2.3.3 Migratory Pheromones and Catadromy; 2.3.4 Migratory Pheromones in Potadromous Fishes; 2.3.5 Migratory Pheromones in Oceanadromous Fish; 2.3.6 Summary of Migratory Pheromones; 2.4 REPRODUCTIVE PHEROMONES; 2.4.1 Overview of Empirical Data on Sex Pheromone Specificity; 2.4.2 Releasing Sex Pheromones in the Goldfish and Common Carp; 2.4.3 Summary for Sex Pheromones; 2.5 SUMMARY AND SUGGESTIONS FOR A POSSIBLE UNIFYING THEORY; REFERENCES;

Chapter 3 Hormonally Derived Pheromones in Teleost Fishes; 3.1 INTRODUCTION TO HORMONAL SEX PHEROMONES IN TELEOST FISH; 3.1.1 Production and Release of Hormonal Pheromones; 3.1.2 Detection of Hormonal Pheromones; 3.1.3 Overview of Biological Responses to Hormonal Pheromones; 3.1.4 Hormonal Pheromones and Phylogeny; 3.2 HORMONAL PHEROMONES IN THE GOLDFISH AND RELATED CARPS; 3.2.1 The Goldfish-an Important Model; 3.2.2 Hormonal Pheromones in Other Cypriniforms; 3.3 HORMONAL PHEROMONES IN SALMONIFORMES; 3.3.1 Genus *Salmo*: Atlantic Salmon and Brown Trout; 3.3.2 Genus *Salvelinus* (Charrs); 3.3.3 Genus *Oncorhynchus* (Pacific Salmon); 3.4 HORMONAL PHEROMONES IN PERCIFORMES; 3.4.1 Gobies: Family Gobiidae; 3.4.2 Cichlids: Family Cichlidae; 3.5 PHYSIOLOGICAL REGULATION OF RESPONSIVENESS TO HORMONAL PHEROMONES; 3.6 HORMONAL PHEROMONES AND SPECIES SPECIFICITY; 3.6.1 Is There Always a Biological Need for Hormonal Pheromones to be Species-Specific?

Organisms release pheromones into their environments to allow them to communicate with other members of their species. Pheromones are of increasing interest in both basic and applied aspects of fish biology. *Fish Pheromones and Related Cues* provides a timely synthesis of this growing body of pheromone research exploring everything from how these chemical signals are processed to the potential application of pheromone research on fish culture and conservation. *Fish Pheromones and Related Cues* opens with a useful overview of fish pheromone research. Chapters then examine the biological impor

