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""LURING THE CRAB TO THE TRAP""; ""Bait""
 ""Sugarcane and Fish Bait Combinations""""Fish Mince in Teabag Bait"";
 ""TRAP DESIGN AND CRAB BEHAVIOR""; ""Exploration around Trap"";
 ""Behavior at Entrances""; ""Fishing Trials""; ""Escape from Traps"";
 ""CONCLUSION""; ""ACKNOWLEDGMENTS""; ""REFERENCES""; ""CHAPTER
 3. DISTRIBUTION AND HABITAT OF COLD WATER CRAB SPECIES ON THE
 GRAND BANK OF NEWFOUNDLAND""; ""ABSTRACT""; ""INTRODUCTION"";
 ""METHODS""; ""Specimen and Temperature Collections""; ""Bottom
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 CONCLUSIONS""; ""REFERENCES""
 ""CHAPTER 4. NUEROSECRETORY STRUCTURE AND GONAD INHIBITING
 HORMONE IN EYESTALK AND THE PHYSIOLOGY AND BIOCHEMISTRY OF
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 INTRODUCTION""; ""2. NEUROENDOCRINE STRUCTURE OF EYESTALK
 AND GONAD INHIBITING HORMONE IN E. SINENSIS""; ""3. THE
 PHYSIOLOGICAL AND BIOCHEMICAL CHARACTERISTICS OF
 SPERMATOOZOA AN E. SINENSIS""; ""3.1. Fractionation of Spermatophore
 Fractions and the Proteins Analysis in E. Sinensis""; ""3.2. Biochemical
 Characteristic of Sperm Membrane Proteins in E. Sinensis""
 ""3.3. The Localization of Acid Phosphatase during Spermiogenesis in E.
 Sinensis""""3.4. Inducing Factors on Acrosome Reaction of Spermatozoa
 in E. Sinensis""; ""CONCLUSION""; ""REFERENCES""; ""CHAPTER 5.
 BEHAVIORAL DIFFERENCES IN FIDDLER CRABS, UCA PUGNAX, FROM
 CONTAMINATED AND REFERENCE ESTUARIES IN NEW JERSEY "";
 ""ABSTRACT""; ""INTRODUCTION""; ""MATERIALS AND METHODS"";
 ""Study Sites""; ""Piles Creek (PC)""; ""Great Bay-Mullica River Estuary
 (TK)""; ""Collection and Maintenance""; ""Activity Budgets in the Lab"";
 ""Activity Budgets in the Field""; ""Feeding Rate in the Field""
 ""Surface Activity""

Sommario/riassunto

This book presents topical research in the study of the anatomy,
 habitat and ecological significance of crabs. Topics discussed in this
 compilation include the different species of crabs and viral
 susceptibility; distribution and habitat of cold water crab species on the
 Grand Bank of Newfoundland; behavioral differences in fiddler crabs;
 cellular cadmium transport in gills and hepatopancreas of the
 mangrove crab and invasive swimming crabs.