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Nota di contenuto	Intro -- FOOD CHAINS NEW RESEARCH -- FOOD CHAINS NEW RESEARCH -- Library of Congress Cataloging-in-Publication Data -- CONTENTS -- PREFACE -- Chapter 1 CIGUATERA SHELLFISH POISONING (CSP): A NEW ECOTOXICOLOGICAL PHENOMENON FROM CYANOBACTERIA TO HUMANS VIA GIANT CLAMS -- ABSTRACT -- 1. INTRODUCTION -- 2. MATERIALS AND METHODS -- 2.1. Epidemiological Surveys -- 2.1.1. Lifou (Hunëtë tribe) -- 2.1.2. Emao -- 2.1.3. Raivavae -- 2.2. Examination of Toxic Cyanobacteria -- 2.2.1. Sampling -- 2.2.2. Microscopy and Taxonomic Identification of Cyanobacteria -- 2.3. Extraction and Preparation of Toxic Extracts -- 2.3.1. Cyanobacteria -- 2.3.2. Giant Clams -- 2.3.3. Fishes -- 2.4. Mouse Bioassay (MBA) -- 2.5. Neuroblastoma Cytotoxicity Assay (NCA) -- 2.6. Receptor Binding Assay (RBA) -- 3. RESULTS -- 3.1. Population Interviews -- 3.1.1. Lifou -- 3.1.2. Emao -- 3.1.3. Raivavae -- 3.2. Environmental Observations -- 3.2.1. Lifou -- 3.2.2. Emao -- 3.2.3. Raivavae -- 3.2.3.1. Rairua Bay Area -- 3.2.3.2 "Motu De La Femme" Area -- 3.2.3.3. "Motu Piscine" Area -- 3.3. Toxicological Analysis of Lipid-Soluble Extracts -- 3.3.1. MBA -- a - Cyanobacteria -- b - Giant Clams -- 3.3.2. NCA -- a - Cyanobacteria -- b - Giant Clams -- c - Fish -- 3.3.3. RBA -- a - Cyanobacteria -- b - Giant Clams -- c - Fish -- 3.4. Toxicological Analysis of Water-Soluble Extracts -- 4. DISCUSSION -- ACKNOWLEDGMENTS -- REFERENCES -- Chapter 2

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between species within an ecosystem or habitat. This title presents research across a spectrum in the study of food chains, including ciguatera shellfish poisoning; survival domain of the top-predator in lattice ecosystems; and, the Azorean cheesemaking food chain.
