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Nota di contenuto	Intro -- CONTENTS -- PREFACE -- BIOACCUMULATION OF CYANOBACTERIAL TOXINS IN AQUATIC ORGANISMS AND ITS CONSEQUENCES FOR PUBLIC HEALTH -- INVESTIGATIONS ON THE USE OF MICROALGAE FOR AQUACULTURE -- ANNUAL CYCLE OF THE PLANKTON BIOMASS IN THE NATIONAL PARK SISTEMA ARRECIFAL VERACRUZANO, SOUTHWESTERN GULF OF MEXICO -- THE UPSIDE OF GRAZER-PERIPHYTON INTERACTIONS:AREVIEW -- USING EPILITHIC FILAMENTOUS GREEN ALGAE COMMUNITIES AS INDICATORS OF WATER QUALITY IN THE HEADWATERS OF THREE SOUTH AFRICAN RIVER SYSTEMS DURING HIGH AND MEDIUM FLOW PERIODS -- SPATIAL AND TEMPORAL DISTRIBUTION PATTERNS OF ZOOPLANKTON IN ASHALLOW LOWLAND COASTAL LAKE, LAKE WAIHOLA IN NEW ZEALAND -- PHYTOPLANKTON COMPOSITION IN THE FISH FARM AREA: PIGMENT ANALYSES -- DISPERSAL, CONNECTIVITY, AND LOCAL CONDITIONS DETERMINE ZOOPLANKTON COMMUNITY COMPOSITION AND DYNAMICS IN FOUR MEDITERRANEAN FRESHWATER RESERVOIRS -- DAPHNIA PULICARIA HIJACKED BY VIBRIO CHOLERAE:ALTERED SWIMMING BEHAVIOUR AND PREDATION RISK IMPLICATIONS -- BODY SIZE VERSUS RATE PARAMETERS OF ZOOPLANKTON AND PHYTOPLANKTON: EFFECTS ON AQUATIC ECOSYSTEM -- INDEX.

Sommario/riassunto

In this book, the authors present current research in the study of the types, characteristics and ecology of zooplankton and phytoplankton. Topics discussed include the bioaccumulation of cyanobacterial toxins in aquatic organisms and their public health consequences, the use of microalgae for aquaculture, the annual cycle of plankton biomass in the Gulf of Mexico, grazer-periphyton interactions, and spatial and temporal distribution patterns of zooplankton in a shallow lowland coastal lake and phytoplankton composition in fish farms.
