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Nota di contenuto	Copepods in Aquaculture; Contents; Contributors; Preface; 1 Calanoid Copepods, Resting Eggs, and Aquaculture; 2 The Potential to Mass-Culture Harpacticoid Copepods for Use as Food for Larval Fish; 3 Symbiotic Copepods as Live Feed in Marine Finfish Rearing; 4 Birth Control Effects of Diatoms on Copepod Reproduction: Implications for Aquaculture Studies; 5 Maximizing the Nutritional Values of Copepods in Aquaculture: Managed versus Balanced Nutrition; 6 Formulated Feeds for Harpacticoid Copepods: Implications for Population Growth and Fatty Acid Composition 7 A Brief Review of Mass Culture of Copepods Used for Fish Food in Japanese Mariculture and a Proposed Plan to Use High Biomass Natural Populations of Brackish-Water Copepods; 8 Behavioral Characteristics of Copepods That Affect Their Suitability as Food for Larval Fishes; 9 Suitability of the Copepod <i>Gladioferens imparipes</i> for Intensive Cultivation for Aquaculture; 10 Development of Feeding Mechanics in Marine Fish Larvae and the Swimming Behavior of Zooplankton Prey:

## Implications for Rearing Marine Fishes

11 Copepods as Live Prey: A Review of Factors That Influence the Feeding Success of Marine Fish Larvae; 12 Intensive and Extensive Production Techniques to Provide Copepod Nauplii for Feeding Larval Red Snapper *Lutjanus campechanus*; 13 Studies on the Use of Copepods in the Semi-intensive Seed Production of Grouper; 14 Culture of Copepods and Applications to Marine Finfish Larval Rearing in Taiwan; 15 Copepods as a Live Feed for Striped Trumpeter *Latris lineata* Larvae; 16 Intensive Cultivation of a Subtropical Paracalanid Copepod, *Parvocalanus* sp., as Prey for Small Marine Fish Larvae; 17 Characterization of an Extensive Zooplankton Culture System Coupled with Intensive Larval Rearing of Red Snapper *Lutjanus campechanus*; 18 Culture of Copepods and Applications to Marine Finfish Larval Rearing Workshop Discussion Summary; Index

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### Sommario/riassunto

The importance of copepods in aquaculture has long been recognized, especially in the larval rearing of many marine fishes. This timely publication provides a single source of information on copepod biology, culture methods and practical use in marine finfish hatcheries. Originating out of a workshop held on copepods by the Oceanic Institute in Hawaii, this proceedings includes review articles and papers presented by leading international experts in copepod biology and aquaculture. It is a seminal work that integrates the most up-to-date information on selecting copepod species,

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