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Titolo	Fish larval physiology / / editors, RN Finn, BG Kapoor
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ISBN	1-000-08299-7 1-4398-4277-9 0-429-06160-9 1-281-82759-2 9786611827595 1-57808-592-6
Descrizione fisica	xv, 724 p. : ill. (some col.)
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Note generali	Originally published: Enfield, N.H. : Science Publishers, 2008.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Part 1: Ontogeny: Pattern Formation; Pigmentation; BioluminescencePart 2: Respiration & Homeostasis: Gas Exchange; Cardiovascular Anatomy and Physiology; Osmo-and Ionoregulation; Acid-base balancePart 3: Nutrition and Energy: Digestion; Nitrogen ExcretionPart 4: Sensory Physiology: Mechanoreception; Chemoreception; Photoreception; Electroreception; MagnetoreceptionPart 5: Movement: Buoyancy; Swimming and MusclePart 6: Control and Defense: Enteric Control; ImmunologyPart 7: Functional Changes in Form: Metamorphosis; Smoltification
Sommario/riassunto	This book is intended as a resource for students and researchers interested in developmental biology and physiology and specifically addresses the larval stages of fish. Fish larvae (and fish embryos) are not small juveniles or adults. Rather they are transitionary organisms that bridge the critical gap between the singlecelled egg and sexually immature juvenile. Fish larvae represent the stage of the life cycle that is used for differentiation, feeding and distribution. The book aims at

providing a single-volume treatise that explains how fish larvae develop and differentiate, how they regulate salt, water and acid-base balance, how they transport and exchange gases, acquire and utilise energy, how they sense their environment, and move in their aquatic medium, how they control and defend themselves, and finally how they grow up.