

Fish locomotion: an eco-ethological perspective: Fish accomplish most of their basic behaviours by swimming. Swimming is fundamental in a vast majority of fish species for feeding, avoiding predation, finding food, mating, migrating and finding optimal physical environments.

This book aims at filling a gap in the literature, by adding behavioral and ecological viewpoints to the more traditional biomechanics, ecomorphology and physiological perspectives used in studies of fish swimming. The book is therefore largely integrative by its very nature, and it includes aspects related to fisheries, conservation and evolution. It is aimed at students and researchers interested in fish swimming from any organismal background, be it biomechanics, ecomorphology, physiology, behavior or ecology.

THE EDITORS

Paolo Domenici has a PhD in Zoology from the University of British Columbia, Canada. He is currently senior researcher at the Institute for Coastal Marine Environment (IAMC) of the Italian National Research Council (CNR) in Oristano, Italy. His research interests focus on the locomotion of aquatic animals, particularly fish. Most of his previous research was on the kinematics of locomotion within the context of predator-prey encounters and their ecological relevance.

B.G. Kapoor was formerly Professor and Head of Zoology in Jodhpur University (India). Dr. Kapoor has co-edited 19 books published by Science Publishers, Enfield, NH, USA. The most recent ones are *Fish Defenses* (Volume 1), 2009 (with Giacomo Zaccone, José Meseguer Peñalver and Alfonso García-Ayala); *The Biology of Blennies*, 2009 (with Robert A. Patzner, Emanuel J. Gonçalves and Philip A. Hastings); *Development of Non-Teleost Fishes*, 2009 (with Yvette W. Kunz and Carl A. Luer); *Fish Defenses* (Volume 2), 2009 (with Giacomo Zaccone, C. Perrière and A. Mathis). Dr. Kapoor has also co-edited *The Senses of Fish: Adaptations for the Reception of Natural Stimuli*, 2004 (with G. von der Emde and J. Mogdans); and co-authored *Ichthyology Handbook*, 2004 (with B. Khanna), both from Springer, Heidelberg. He has also been a contributor in books from Academic Press, London (1969, 1975 and 2001). His E-mail is: bhagatgopal.kapoor@rediffmail.com



9 781578 084487