Ecological and Environmental Physiology of Fish (Ecological and Environmental Physiology Series)

F. Brian Eddy, Richard D. Handy
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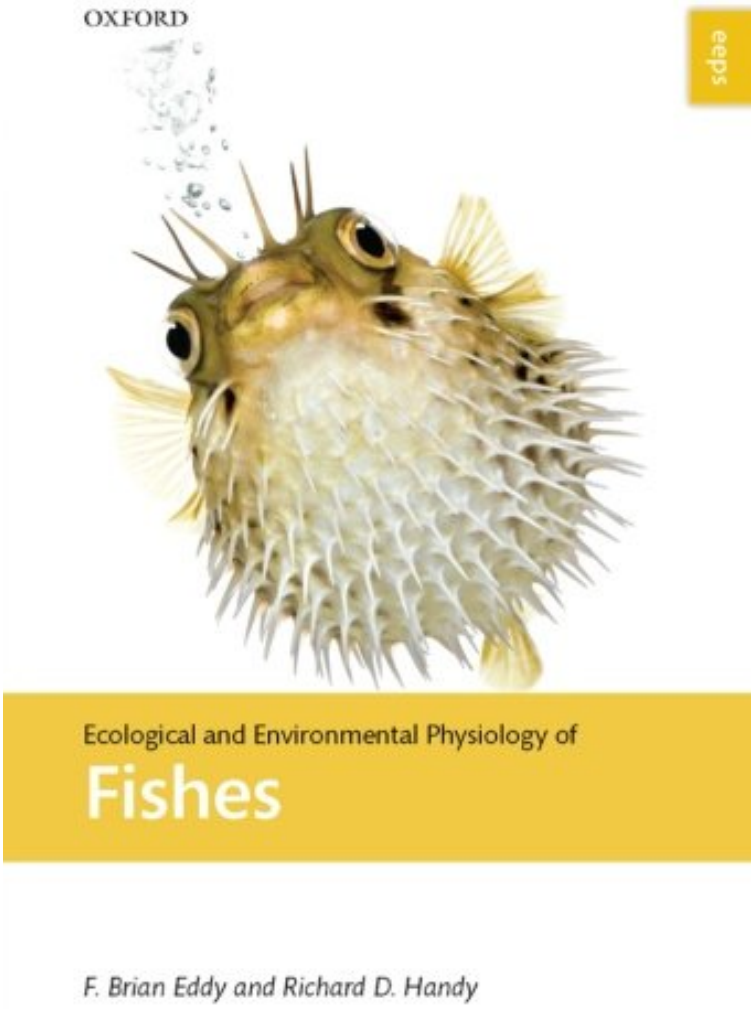

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F. Brian Eddy, Richard D. Handy : Ecological and Environmental Physiology of Fish (Ecological and Environmental Physiology Series) before purchasing it in order to gage whether or not it would be worth my time, and all praised Ecological and Environmental Physiology of Fish (Ecological and Environmental Physiology Series):

0 of 0 people found the following review helpful. Very Fishy!By Michael A. CoxI am not a specialist but I was able to thoroughly enjoy this book and learn a great deal. Such studies are difficult to find that are not too specialist oriented. I highly recommend this for fish aficionados :)

Fish have evolved to colonise almost every type of aquatic habitat and today they are a hugely diverse group of over 25,000 species. The evolution of this great diversity of species has resulted in a myriad of solutions to the demands posed by the aquatic environment. Ecological and Environmental Physiology of Fish presents a current and comprehensive overview of fish physiology to demonstrate how living fish function in their environment. The emphasis is on the unique physiological characteristics of the fish, but with applications to questions of broad relevance in physiological ecology. A preliminary chapter introduces the aquatic environment and gives a general description of fish biology, evolution, and taxonomy. Subsequent sections discuss the particular problems of living in water, life in extreme environments, techniques for studying fish ecophysiology, and future research directions.

This is definitely a go to book for those readers wanting a simply delightful and digestible overview of the importance of fish physiology in relation to evolution and variable environments. We know so little about most of the 30,000 or so fishes; indeed details exist for a handful of species. But what you need to know is well covered in this imaginative book. This book has a very bright future. * A.P. Farrell, University of British Columbia *About the AuthorRichard L. Handy, Ph. D., is Distinguished Professor Emeritus of Civil Engineering and Construction Engineering at Iowa State University. He is also the founder of Handy Geotechnical Instruments, a company that manufactures innovative soil testing devices. Dr. Handy is the author of The Day the House Fell and co-author of the Third and Fourth Editions of Soil Engineering. Recognized as a scientist as well as an engineer, he is a Fellow in the Geological Society of America and also in the American Association for the Advancement of Science.M.G. Spangler was a Research Professor at Iowa State University and is well-known internationally as the author of the Marston-Spangler theory for loads on underground conduits. He also conducted seminal research on pressures on retaining walls and many other topics. He was a recipient of the Marston Medal at Iowa State University and was an Honorary Member of ASCE.