



Fish Hearing and Bioacoustics

By Joseph A. Sisneros

Springer-Verlag GmbH Nov 2015, 2015. Buch. Book Condition: Neu. 23.5x15.5x cm. Neuware - Fish Hearing and Bioacoustics is an anthology of review papers that were presented at a special symposium to honor Arthur Popper and Richard Fay on May 25th 2013 at the Mote Marine Laboratory in Sarasota, FL. The research presentations at this conference spanned the range of disciplines covered by Fay and Popper during their long and productive careers. The book includes the following thematic areas for the papers in this special volume: morphology and anatomy of the inner ear and lateral line systems; physiology of inner ear, lateral line, and central auditory systems; acoustically mediated behavior, including communication and sound localization; and environmental influences on fish hearing and bioacoustics, including anthropogenic effects of noise on fishes. Each chapter reviews and summarizes the past studies of particular area that will lead the reader up to the current work presented at the symposium. In addition, each chapters includes a perspective of how Arthur Popper and Richard Fay have influenced their particular area of fish bio acoustic research. Each manuscript also includes a hypotheses for future studies. These hypotheses will provide a springboard for future work in each field. 484...



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