



Springer

1st
edition

2015, IX, 244 p. 59 illus.,
42 illus. in color.

Printed book

Hardcover

Printed book

Hardcover

ISBN 978-3-7091-1845-0

£ 139,99 | CHF 189,00 | 159,99 € |
175,99 € (A) | 171,19 € (D)

Available

Discount group

Science (SC)

Product category

Contributed volume

Series

Animal Signals and Communication

Other renditions

Softcover

ISBN 978-3-7091-1978-5

Life Sciences : Behavioral Sciences

Ladich, Friedrich (Ed.)

Sound Communication in Fishes

- **First book to cover both bioacoustics and behavior in fish**
- **Written by international experts**
- **Will stimulate research in this field**

This volume examines fish sounds that have a proven signal function, as well as sounds assumed to have evolved for communication purposes. It provides an overview of the mechanisms, evolution and neurobiology behind sound production in fishes, and discusses the role of fish sounds in behavior with a special focus on choice of mate, sex-specific and age-specific signaling. Furthermore, it highlights the ontogenetic development of sound communication and ecoacoustical conditions in fish habitats and the influence of hormones on vocal production and sound detection. Sound Communication in Fishes offers a must-have compendium for lecturers, researchers and students working in the fields of animal communication, fish biology, neurobiology and animal behavior.

Order online at springer.com/book sellers

Springer Nature Customer Service Center GmbH

Customer Service

Tiergartenstrasse 15-17

69121 Heidelberg

Germany

T: +49 (0)6221 345-4301

row-book sellers@springernature.com



ISBN 978-3-7091-1845-0 / BIC: PSVP / SPRINGER NATURE: SCL13009

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.

Part of **SPRINGER NATURE**