



The Diversity of Fishes: Biology, Evolution, and Ecology

By Gene Helfman, Bruce B. Collette, Douglas E. Facey, Brian W. Bowen

Download now

Read Online ➔

The Diversity of Fishes: Biology, Evolution, and Ecology By Gene Helfman, Bruce B. Collette, Douglas E. Facey, Brian W. Bowen

The second edition of *The Diversity of Fishes* represents a major revision of the world's most widely adopted ichthyology textbook. Expanded and updated, the second edition is illustrated throughout with striking color photographs depicting the spectacular evolutionary adaptations of the most ecologically and taxonomically diverse vertebrate group. The text incorporates the latest advances in the biology of fishes, covering taxonomy, anatomy, physiology, biogeography, ecology, and behavior. A new chapter on genetics and molecular ecology of fishes has been added, and conservation is emphasized throughout. Hundreds of new and redrawn illustrations augment readable text, and every chapter has been revised to reflect the discoveries and greater understanding achieved during the past decade. Written by a team of internationally-recognized authorities, the first edition of *The Diversity of Fishes* was received with enthusiasm and praise, and incorporated into ichthyology and fish biology classes around the globe, at both undergraduate and postgraduate levels. The second edition is a substantial update of an already classic reference and text.

Companion resources site

This book is accompanied by a resources site:

www.wiley.com/go/helfman

The site is being constantly updated by the author team and provides:

- Related videos selected by the authors
- Updates to the book since publication
- Instructor resources
- A chance to send in feedback

 [**Download** The Diversity of Fishes: Biology, Evolution, and E ...pdf](#)

 [**Read Online** The Diversity of Fishes: Biology, Evolution, and ...pdf](#)

The Diversity of Fishes: Biology, Evolution, and Ecology

By Gene Helfman, Bruce B. Collette, Douglas E. Facey, Brian W. Bowen

The Diversity of Fishes: Biology, Evolution, and Ecology By Gene Helfman, Bruce B. Collette, Douglas E. Facey, Brian W. Bowen

The second edition of *The Diversity of Fishes* represents a major revision of the world's most widely adopted ichthyology textbook. Expanded and updated, the second edition is illustrated throughout with striking color photographs depicting the spectacular evolutionary adaptations of the most ecologically and taxonomically diverse vertebrate group. The text incorporates the latest advances in the biology of fishes, covering taxonomy, anatomy, physiology, biogeography, ecology, and behavior. A new chapter on genetics and molecular ecology of fishes has been added, and conservation is emphasized throughout. Hundreds of new and redrawn illustrations augment readable text, and every chapter has been revised to reflect the discoveries and greater understanding achieved during the past decade. Written by a team of internationally-recognized authorities, the first edition of *The Diversity of Fishes* was received with enthusiasm and praise, and incorporated into ichthyology and fish biology classes around the globe, at both undergraduate and postgraduate levels. The second edition is a substantial update of an already classic reference and text.

Companion resources site

This book is accompanied by a resources site:

www.wiley.com/go/helfman

The site is being constantly updated by the author team and provides:

- Related videos selected by the authors
- Updates to the book since publication
- Instructor resources
- A chance to send in feedback

The Diversity of Fishes: Biology, Evolution, and Ecology By Gene Helfman, Bruce B. Collette, Douglas E. Facey, Brian W. Bowen **Bibliography**

- Sales Rank: #463371 in Books
- Brand: imusti
- Published on: 2009-05-04
- Original language: English
- Number of items: 1
- Dimensions: 10.90" h x 1.50" w x 8.80" l, 5.00 pounds
- Binding: Hardcover

- 736 pages

 [Download The Diversity of Fishes: Biology, Evolution, and E ...pdf](#)

 [Read Online The Diversity of Fishes: Biology, Evolution, and ...pdf](#)

Editorial Review

Review

"This new edition of the Diversity of Fishes, with its comprehensive view of fish biology sensu latu, should be welcomed by teachers, students, and professional ichthyologists. The book, with its colored photographs and good drawings, is attractive; the errors are few; the authors are authoritative; the index is informative; and the content has been brought up to date." (*Environmental Biology of Fishes*, October 2010)

"Overall, *The Diversity of Fishes* is, in our opinion, the best current single-volume reference for teaching students about fishes, and if we had to condense our ichthyological libraries to just one book, at the moment this would certainly be it." (*Copeia*, 2010)

"The book combines broad and comprehensive coverage with quite a lot of detail about the different themes that are dealt with ... I heartily recommend the second edition of The Diversity of Fishes, both as a student textbook and as an introductory, general source of reference." (*Aquaculture International*, May 2009)

From the Back Cover

About the Author

Gene S. Helfman is an Emeritus Professor of Ecology in the Odum School of Ecology, University of Georgia. He retired after 30 years of conducting research on and teaching about ichthyology, animal behavior, and conservation biology. His research focused on the behavioral ecology and conservation of fishes in lakes, streams, coastal oceans, and coral reefs. In addition to contributing to this textbook, Helfman in 2007 published a highly acclaimed reference and text, *Fish Conservation: A Guide to Understanding and Restoring Global Aquatic Biodiversity and Fishery Resources*. He received a BS from the University of California, an MS from the University of Hawaii, and a Ph.D. from Cornell University.

Bruce Collette is a Senior Scientist at the National Systematics Laboratory of the National Marine Fisheries Service based in the National Museum of Natural History, part of the Smithsonian Institution in Washington, D.C. He studies the systematics and evolution of several groups of epipelagic fishes such as tunas, mackerels, halfbeaks, and needlefishes and benthic fishes such as toadfishes and has published over 250 papers on these and other fishes. He has co-authored books on fishes of the Gulf of Maine and Bermuda. He received his BS and PhD degrees at Cornell University.

Doug Facey is a Professor of Biology at Saint Michael's College in Vermont where he studies the ecology and physiology of fishes of Lake Champlain and its tributaries. One ongoing area of interest is fish diversity in lower tributaries, including some rare darters. Doug received his BS in Biology at the University of Maine-Orono, his MS in Zoology at the University of Vermont, and his PhD in Zoology at the University of Georgia.

Brian Bowen spent the summers of his youth snorkeling in Cape Cod Bay, where he learned to appreciate fishes. Dr Bowen is a researcher at Hawaii Institute of Marine Biology (University of Hawaii), with over two dozen research expeditions, and over 100 publications on the conservation genetics of fishes and other vertebrates. He holds a M.A. degree from Virginia Institute of Marine Science, a Ph.D. from University of Georgia, and is a fellow of the American Association for the Advancement of Science. Currently Dr. Bowen works on fish five days a week, and on the weekend prefers to go fishing.

Users Review

From reader reviews:

Georgianna Menendez:

Book is usually written, printed, or descriptive for everything. You can understand everything you want by a reserve. Book has a different type. As you may know that book is important point to bring us around the world. Alongside that you can your reading proficiency was fluently. A guide The Diversity of Fishes: Biology, Evolution, and Ecology will make you to always be smarter. You can feel a lot more confidence if you can know about every thing. But some of you think that will open or reading a new book make you bored. It is not make you fun. Why they may be thought like that? Have you looking for best book or suitable book with you?

Daniel Buch:

The knowledge that you get from The Diversity of Fishes: Biology, Evolution, and Ecology is the more deep you searching the information that hide within the words the more you get thinking about reading it. It doesn't mean that this book is hard to know but The Diversity of Fishes: Biology, Evolution, and Ecology giving you thrill feeling of reading. The article author conveys their point in selected way that can be understood through anyone who read that because the author of this publication is well-known enough. This specific book also makes your current vocabulary increase well. It is therefore easy to understand then can go along, both in printed or e-book style are available. We propose you for having that The Diversity of Fishes: Biology, Evolution, and Ecology instantly.

Elisabeth Martinez:

This The Diversity of Fishes: Biology, Evolution, and Ecology tend to be reliable for you who want to be considered a successful person, why. The main reason of this The Diversity of Fishes: Biology, Evolution, and Ecology can be one of many great books you must have is actually giving you more than just simple looking at food but feed you actually with information that perhaps will shock your earlier knowledge. This book is usually handy, you can bring it just about everywhere and whenever your conditions in the e-book and printed ones. Beside that this The Diversity of Fishes: Biology, Evolution, and Ecology giving you an enormous of experience such as rich vocabulary, giving you trial run of critical thinking that we realize it useful in your day pastime. So , let's have it and luxuriate in reading.

Kirk Banks:

Do you have something that you like such as book? The guide lovers usually prefer to decide on book like comic, small story and the biggest one is novel. Now, why not seeking The Diversity of Fishes: Biology, Evolution, and Ecology that give your enjoyment preference will be satisfied by means of reading this book. Reading habit all over the world can be said as the means for people to know world better then how they react toward the world. It can't be claimed constantly that reading routine only for the geeky man or woman but for all of you who wants to possibly be success person. So , for all you who want to start examining as your good habit, you are able to pick The Diversity of Fishes: Biology, Evolution, and Ecology become your current starter.

Download and Read Online The Diversity of Fishes: Biology, Evolution, and Ecology By Gene Helfman, Bruce B. Collette, Douglas E. Facey, Brian W. Bowen #UHRVYD9ISF7

Read The Diversity of Fishes: Biology, Evolution, and Ecology By Gene Helfman, Bruce B. Collette, Douglas E. Facey, Brian W. Bowen for online ebook

The Diversity of Fishes: Biology, Evolution, and Ecology By Gene Helfman, Bruce B. Collette, Douglas E. Facey, Brian W. Bowen Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read The Diversity of Fishes: Biology, Evolution, and Ecology By Gene Helfman, Bruce B. Collette, Douglas E. Facey, Brian W. Bowen books to read online.

Online The Diversity of Fishes: Biology, Evolution, and Ecology By Gene Helfman, Bruce B. Collette, Douglas E. Facey, Brian W. Bowen ebook PDF download

The Diversity of Fishes: Biology, Evolution, and Ecology By Gene Helfman, Bruce B. Collette, Douglas E. Facey, Brian W. Bowen Doc

The Diversity of Fishes: Biology, Evolution, and Ecology By Gene Helfman, Bruce B. Collette, Douglas E. Facey, Brian W. Bowen Mobipocket

The Diversity of Fishes: Biology, Evolution, and Ecology By Gene Helfman, Bruce B. Collette, Douglas E. Facey, Brian W. Bowen EPub