Marine Ecology

NEW EDITION

Processes, Systems, and Impacts

Second Edition

***Michel J. Kaiser**, Bangor University, **Martin J. Attrill**, University of Plymouth, **Simon Jennings**, Centre for Environment, Fisheries and Aquaculture Science, **David N. Thomas**, Bangor University, **David K. A. Barnes**, British Antarctic Survey, Cambridge, **Andrew S. Brierley**, University of St Andrews, **Jan G. Hiddink**, Bangor University, **Hermanni Kaartokallio**, Finnish Environment Institute, **Nicholas V. C. Polunin**, Newcastle University, and **David G. Raffaelli**, University of York*

- This second edition includes an entirely new chapter on secondary production. Two new authors have been added to the team, and all chapters have been updated to include key works, issues and topics published since 2005
- Places key concepts and issues from a diverse range of marine systems in a real world context

New to this edition

- Enhanced coverage of socioeconomic issues and climate change
- New Hot Topic boxes give the reader an in-depth taste of contemporary research in marine ecology

The importance of understanding and conserving the marine environment has never been more apparent. *Marine Ecology: Processes, Systems, and Impacts* offers a carefully balanced and stimulating survey of marine ecology, introducing the key processes and systems from which the marine environment is formed, and the issues and challenges which surround its future. This text is an essential resource for any student wishing to develop a well balanced, informed understanding of this fascinating subject.

Readership: Advanced undergraduates studying a core or optional course on marine ecology or marine biology.

576 pages April 2011 978-0-19-922702-0 Paperback £29.99

Review from previous edition

This book is an original and well-integrated approach to the discipline, providing a fresh perspective to what is already a very popular scientific area. It breaks the traditional formats of previous textbooks and has put some careful thought into how to approach the subject from a more modern and realistic viewpoint. ... an excellent introductory text which students will find easy to assimilate and will stimulate their interest in marine ecology.

Journal of Experimental Marine Biology and Ecology

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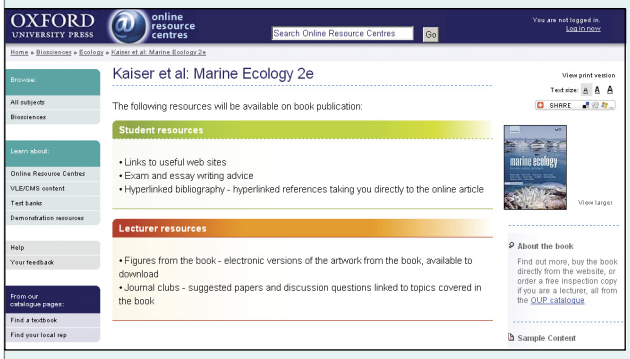
ONLINE RESOURCE CENTRE



For registered adopters of the book:
- Essay questions with answer outlines
- Figures from the book, available to download

For students:
- Hyperlinked bibliography
- Links to useful websites
- Exam and essay writing advice
- Secondary production calculator
- Video clips

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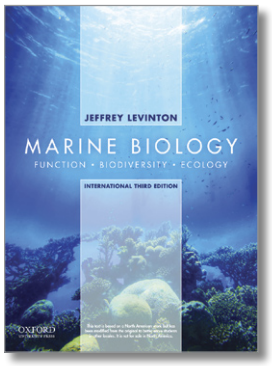
Marine Biology: International Edition

Function, Biodiversity, Ecology

Third Edition

***Jeffrey S. Levinton**, Stony Brook University*



Widely regarded as the most captivating, accessible and comprehensive text for undergraduate marine biology courses, *Marine Biology* examines the subject from a unique global and evolutionary perspective. Written in clear, conversational style, this highly acclaimed volume emphasizes the principles and processes that underlie - and unify - vastly different marine communities.

Readership: Written for undergraduate students taking a one semester course in marine biology.

2010 978-0-19-976661-1 Paperback £34.99

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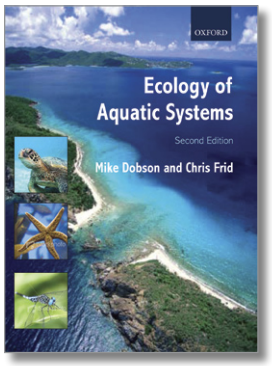
Ecology of Aquatic Systems

Second Edition

***Michael Dobson**, Director of Freshwater Biological Association, UK, and **Chris Frid**, University of Liverpool*



Ecology of Aquatic Systems brings together coverage of freshwater and marine systems to illustrate the principles and properties that unify aquatic systems. Using examples drawn from a wide geographical range, the book presents a broad survey of the field that acts as the ideal foundation for further study.

Written with students in the centre of the frame, *Ecology of Aquatic Systems* retains the succinct, lucid style for which the first edition was praised, and includes cross-references throughout, a substantial glossary, and extensive index, to help readers engage with, and fully understand, the material presented.

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Readership: First and second year biosciences undergraduates. Also of value as a primer to those at a more advanced level who are new to the field.

336 pages 2008 978-0-19-929754-2 Paperback £25.99

Review from previous edition

In my view the main strength of this book is its success in bringing together the whole of aquatic ecology in sufficient depth and breadth. All this within some 200 pages and with excellent graphics.

Jan Vermaat, Institute for Environmental Studies, Vrije Universiteit, Amsterdam

ONLINE RESOURCE CENTRE

For registered adopters of the book:
- Figures from the book in electronic format, ready to download;
- A testbank of multiple-choice questions, for use in formative or summative assessment

For students:
- Weblink library of useful websites
- Hyperlinks to literature articles cited in the text

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