

Parasitism

The Diversity and Ecology of Animal Parasites

Second Edition

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About the Book

Reflecting the enormous advances made in the field over the past ten years, this text synthesizes the latest developments in the ecology and evolution of animal parasites against a backdrop of parallel advances in parasite systematics, biodiversity and life cycles. This second edition has been thoroughly revised to meet the needs of a new generation of parasitology students. Balancing traditional approaches in parasitology with modern studies in parasite ecology and evolution, the authors present basic ecological principles as a unifying framework to help students understand the complex phenomenon of parasitism. Richly illustrated with over 300 figures, the text is accompanied by case study boxes designed to help students appreciate the complexity and diversity of parasites and the scientists who study them. This unique approach, presented clearly and with a minimum of jargon and mathematical detail, encourages students from diverse backgrounds to think generally and conceptually about parasites and parasitism.

Key Features

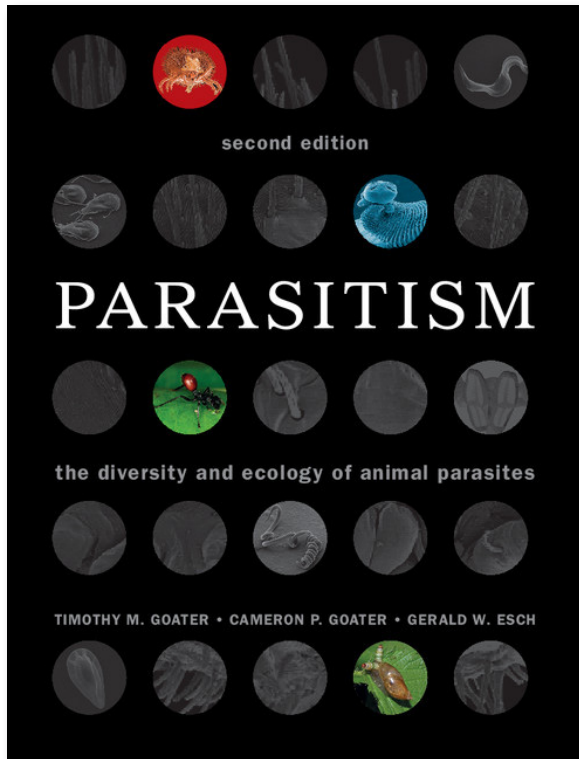
- *Thoroughly revised to meet the needs of a new generation of parasitology students, whether their interest is in ecology, conservation biology, evolution, immunology or health sciences*
- *Balances traditional approaches in parasitology with modern studies in ecology and evolution, presenting a unique framework to help students understand the complexities of the subject*
- *Using a minimum of jargon and mathematical detail, the text is richly illustrated with over 300 figures and numerous case study boxes to aid and encourage students*

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Praise for the Book

“Combining the classical approach of presenting a summary of the biology of the major groups of parasites, with a broad overview of parasite ecology and evolution, this new edition will be a wonderful resource for teachers of undergraduate parasitology courses. The well-illustrated and easy-to-read text is unrivalled at the moment and will be a great tool to turn on a new generation of young minds to the wonders of parasitic organisms. A true parasitological tour de force!”

– Robert Poulin, University of Otago

“This is an extremely well-written book that does an excellent job of integrating conceptual and organismal aspects of parasitology, which is not easy. The chapter on the evolution of host–parasite interactions does a very nice job of integrating micro– and macro–evolutionary approaches to this topic. The use of boxes to contain historical information and case studies is very effective. Personal accounts of the authors’ own experiences studying and teaching parasitology are interesting and effective.”

– Dale H. Clayton, University of Utah

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