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## Ecology

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### Advances In Ecological Research, Volume 32

Edited by Hal Caswell

Presents a wide range of papers on all aspects of ecology. Topics include the physiology, populations, and communities of plants and animals, as well as landscape and ....

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Hbk | 2001 | 0120139324 | #142757 |  
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### Advances in Ecological Research, Volume 28

Edited by Alastair H Fitter and Dave Raffaelli

Areas covered range from modeling terrestrial carbon exchange and storage to the relationship between animal abundance and body size. ....

224 pages | Figs, tabs | Academic Press  
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### Advances in Ecological Research, Volume 34

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Edited by Hal Caswell

Contents Includes a theory of gradient analysis, ecology of coarse woody debris in temperate ....

340 pages | - | Academic Press  
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#### Food Webs: From Connectivity to Energetics

Edited by Hal Caswell

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### Advances in Ecological Research, Volume 37

#### Population Dynamics and Laboratory Ecology

Edited by Hal Caswell and Robert Desharnais

Population Dynamics and Laboratory Ecology highlights the contributions laboratory studies are making to our understanding of the dynamics of ecological and evolutionary ....

368 pages | Academic Press  
Hbk | 2005 | 0120139375 | #161808 |  
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### Advances in Historical Ecology

Edited by William Balée

For years ecology has neglected the human role in the discipline. When it has been considered, it has been viewed in negative terms. This book sets out to lay the ....

429 pages | B/w photos, figs, tabs,  
maps | Columbia UP  
Pbk | 2002 | 0231106335 | #132978 |  
£30.50 **£17.99** approx. \$26/€21

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### Advances in Parasitology, Volume 56

Edited by John Baker et al

"Advances in Parasitology" is a serial containing in-depth reviews on current topics of interest in contemporary parasitology. It includes medical studies on parasites of major ....

274 pages | Academic Press  
Hbk | 2003 | 0120317567 | #158050 |  
£100.00 **£58.99** approx. \$85/€67

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## After the Fires

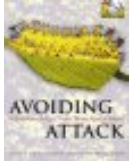
### The Ecology of Change in Yellowstone National Park

Edited by Linda L Wallace

The ravaging fires in Yellowstone National Park in 1988 caused grave concern among scientists about the possible short- and longterm repercussions. This book provides the ....

390 pages | B/w photos, tabs, figs | Yale UP  
Hbk | 2004 | 0300100485 | #144979 | £39.99 **£23.99** approx. \$35/€27

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## Avoiding Attack

### The Evolutionary Ecology of Crypsis, Warning Signals and Mimicry

G Ruxton, T Sherratt and M Speed

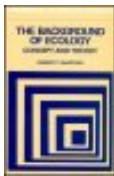
This book discusses the evolution of the mechanisms by which prey avoid attack by their potential predators and questions how such defences are maintained through natural ....

248 pages | Col plate, b/w illus | OUP  
Hbk | 2004 | 0198528590 | #144659 | £85.00 **£49.99** approx. \$72/€56

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Pbk | 2004 | 0198528604 | #144660 | **£44.95** approx. \$65/€51

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## The Background of Ecology: Concept and Theory

RP McIntosh

Critical review of the origins and development of ecology. It is throughout a reference work of distinction and one which is sure to be of interest to ecologists as ....

383 pages | - | CUP  
Pbk | 1986 | 0521270871 | #002745 | £40.00 **£23.99** approx. \$35/€27

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## Biodiversity Dynamics

### Turnover of Populations, Taxa, and Communities

Edited by Michael L McKinney and James A Drake

Where paleontologists and ecologists have long had divergent perspectives, this book seeks a middle ground, finding ways for both scientific communities to work together to ....

528 pages | Figs, tabs | Columbia UP  
Hbk | 1998 | 0231104146 | #084267 | £61.50 **£35.99** approx. \$52/€41

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Pbk | 2001 | 0231104154 | #118135 | £28.95 **£16.99** approx. \$25/€20

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## Biogenic Trace Gases

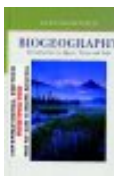
### Measuring Emissions from Soils and Water

Edited by P Matson and RC Harris

This is a 'how to' book for ecologists and environmental scientists; introducing both the concepts and techniques involved in the detection and measurement of gases and the ....

250 pages | Illus | Blackwell Science  
Pbk | 1995 | 0632036419 | #032356 | £35.99 **£20.99** approx. \$31/€24

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## Biogeography

### Introduction to Space, Time and Life

Glen Macdonald

Includes the key concepts related to the study of vegetation and animal distributions and the human impact on the large-scale distribution of organisms. ....

518 pages | B/w photos, illus, figs, dist maps | Wiley  
Hbk | 2003 | 0471241938 | #141051 | £92.50 **£53.99** approx. \$78/€61

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## Biological Resources and Migration

Edited by Dietrich Werner

This book covers all forms of migration - plant, microbial, animal or human - and their mutual impact are covered in detail. It is estimated that during the next twenty years ....

363 pages | 43 figures, 23 tables | Springer  
Hbk | 2004 | 3540214704 | #148025 | £181.00 **£105.99** approx. \$153/€119

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## Cognitive Ecology of Pollination

### Animal Behaviour and Floral Evolution

Edited by L Chittka and JD Thomson

Important breakthroughs have recently been made in our understanding of the cognitive and sensory abilities of pollinators: how pollinators perceive, memorise and react to ....

344 pages | 55 line diagrams, 7 tables | CUP  
Hbk | 2001 | 0521781957 | #119631 | £75.00 **£43.99** approx. \$64/€50

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Pbk | 2005 | 0521018404 | #156183 | **£34.99** approx. \$51/€40

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## Communities and Ecosystems

### Linking the Aboveground and Belowground Components

David A Wardle

Wardle integrates a vast body of literature from numerous fields - including population ecology, ecosystem ecology, ecophysiology, ecological theory, soil science, and ....

392 pages | Figs | Princeton UP  
Pbk | 2002 | 0691074879 | #127138 | £39.95 **£23.99** approx. \$35/€27

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## Complex Population Dynamics

### A Theoretical/Empirical Synthesis

Peter Turchin

By bringing together mathematical models, statistical analyses, and field experiments, this book offers a comprehensive new synthesis of the theory of population oscillations. ....

450 pages | 59 Figs | Princeton UP  
Hbk | 2003 | 0691090203 | #133183 |  
**£59.95** approx. \$87/€68

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Pbk | 2003 | 0691090211 | #133181 |  
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## A Critique for Ecology

RH Peters

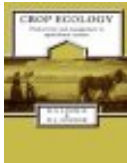
The author argues that a generation of ecologists have been mistrained and that the science itself contains deep inadequacies and weaknesses. He suggests that a return to ....

366 pages | Figs, tabs | CUP  
Hbk | 1991 | 0521400171 | #011242 |  
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## Crop Ecology

### Productivity and Management in Agricultural Systems

RS Loomis and DJ Connor

This book is centred on the 'production processes' of crops and pastures - photosynthesis and use of water and nutrients in fields. The book is unique in its ....

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**£32.99** approx. \$48/€37

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## Ecological Assembly Rules

### Perspectives, Advances, Retreats

Edited by Evan Weiher and Paul Keddy

Brings together contributions which examine the question of the existence and nature of assembly rules with rigour and in some detail, using both theoretical and empirical ....

418 pages | Figs, tabs | CUP  
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## Ecological Communities and Processes in a Mojave Desert Ecosystem

### Rock Valley, Nevada

Philip W Rundel and Arthur C Gibson

Deserts provide a harsh and inhospitable environment for plants and animals, and the ecosystem is correspondingly fragile and prone to disruption by a variety of external ....

400 pages | 67 b/w photos, 76 illus, 143 tabs, 34 graphs, 6 maps | CUP  
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£38.00 **£22.99** approx. \$33/€26

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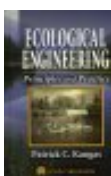
### Design, Management and Processing

Edited by William K Mitchener and James W Brunt

Addresses issues such as global change, loss of biodiversity, and sustainability of ecosystem services from an ecological perspective, providing a much needed resource for ....

180 pages | Figs | Blackwell Science  
Pbk | 2000 | 0632052317 | #099133 |  
£45.00 **£26.99** approx. \$39/€31

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## Ecological Engineering

### Principles and Practice

Patrick Kangas

Describes concepts and theory and demonstrates their application to constructed ecosystems. It presents highly visible and widespread applications of ecological ....

452 pages | B/w photos, illus, figs, tabs | CRC Press  
Hbk | 2003 | 1566705991 | #137920 |  
£57.99 **£33.99** approx. \$49/€39

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## Ecological Issues in a Changing World

### Status, Response and Strategy

Edited by S-K Hong, JA Lee, B-S Ihm, A Farina, Y Son, K Eun-Shik and JC Choe  
Outputs of the 8th International Congress of Ecology, held in Seoul, South Korea, 2002. ....

425 pages | Figs, tabs | Springer  
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£107.50 **£62.99** approx. \$91/€71

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## Ecological Methods

TRE Southwood and PA Henderson

Takes into account the advances made in the field since the 2nd edition, published in 1987, and now encompasses all macroscopic animals, particular attention being paid to ....

575 pages | Illus, figs, tabs | Blackwell Science  
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## Ecological Networks

### Linking Structure to Dynamics in Food Webs

Edited by Mercedes Pascual and Jennifer A Dunne

This book is based on proceedings from a February 2004 Santa Fe Institute workshop. Its contributing chapter authors treat the ecology of predator-prey interactions and food ....

386 pages | b&w illus | OUP  
Hbk | 2006 | 0195188160 | #165603 |  
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## Ecological Networks and Greenways

### Concept, Design, Implementation

Edited by Rob Jongman and Gloria Pungetti

Provides a thorough overview of recent developments in this emerging field, combining theoretical concepts of landscape ecology with the actual practice of landscape planning ....

345 pages | 101 figs, 34 tabs, maps | CUP  
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### Routes of Theory Change

Edited by Kim Cuddington and Beatrix Beisner

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Hbk | 2005 | 0120884593 | #151237 |  
£54.99 **£32.99** approx. \$48/€37

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## Ecological Responses to the 1980 Eruptions of Mount St. Helens

Edited by Virginia H Dale, Frederick J Swanson and Charles M Crisafulli

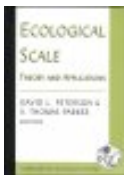
The eruption of Mount St. Helens on May 18, 1980, had a momentous impact on the fungal, plant, animal, and human life from the mountain to the far reaches of the explosion's ....

342 pages | b/w illus | Springer  
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£23.99 **£13.99** approx. \$21/€16

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## Ecological Scale

### Theory and Applications

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A book for both theoretical and applied ecologists this book synthesizes a diverse and previously scattered literature on scale in ecology. All of the contributors address the ....

615 pages | Figs, tabs | Columbia UP  
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### An Australian Perspective

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Cindy Lee Van Dover

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242 pages | 4 col plates, 28 b/w photos, illus, tabs | Princeton UP  
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J Vandermeer

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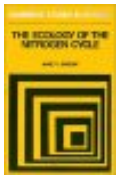
## The Ecology of Poole Harbour

Edited by J Humphreys and VJ May

Poole Harbour's unique combination of physical characteristics provide for a rich and productive ecological community recognised for its internationally significant bird ....

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## The Ecology of the Nitrogen Cycle

Jl Sprent

Many people learn the rudiments of the nitrogen cycle while at school, but the details of the various processes in the cycle are still not widely understood. Some of them are ....

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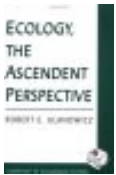
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Edited by Ilkka A Hanski and Oscar E Gaggiotti

Looks at fragmented habitats, bringing together recent theoretical advances and empirical studies applying the metapopulation approach. Several chapters closely ....

715 pages | Tabs, figs, b/w photos | Academic Press  
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Robert E Ulanowicz

This book provides an entirely fresh view of the origins of organization in living systems. Ulanowicz mounts a powerful challenge to prevailing mechanistic paradigms of ....

201 pages | Figs | Columbia UP  
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### Goldenrods, Gallmakers, and Natural Enemies

Warren G Abrahamson and Arthur E Weis

In a work that will interest researchers in ecology, genetics, botany, entomology, and parasitology, this monograph presents the results of more than twenty-five years of ....

456 pages | 88 line illus, 35 tabs | Princeton UP  
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Mutualistic interactions between ants and plants involve rewards offered by plants and services performed by ants in a mutually advantageous relationship. The rewards are ....

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## Evolutionary Ecology: The Trinidadian Guppy

Anne E Magurran

Great new book on a totemic species in evolutionary ecology by the leading ecologist and writer. ....

206 pages | 55 line figures, 1 halftone, 8 tables | OUP  
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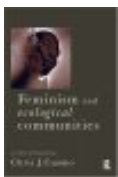
Readings from American Scientist

Edited by Peter M Kareiva

Collection of 26 articles, by leading researchers in the field, that will make for informed supplementary reading for ecology or environmental science courses by ....

277 pages | Col and b/w photos, illus, figs, tabs, maps | Sinauer  
Pbk | 1997 | 0878934146 | #071881 |  
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## Feminism and Ecological Communities

An Ethic of Flourishing

Chris J Cuomo

Traces the emergence of ecofeminism from the ecological and feminist movements before discussing the weakness of some ecofeminist positions. ....

192 pages | Routledge  
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H Wright

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## Food Webs and Container Habitats

The Natural History and Ecology of Phytotelmata

RL Kitching

An introduction to the world of food webs, demonstrating how they can be used to tackle some of the major questions in community ecology. ....

431 pages | 99 illus, 103 figs, 59 tabs | CUP  
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£97.00 **£56.99** approx. \$82/€64

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## Frontiers of Biogeography

New Directions In The Geography of Nature

Edited by MV Lomolino and LR Heaney

This is the first book in the Frontiers of Biogeography series, which includes integrative and interdisciplinary volumes developed and published in association with ....

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## Fungus-Insect Relationships

Perspectives in Ecology and Evolution

Edited by Q Wheeler and M Blackwell

A significant addition to the field of fungus-insect relationships, this book presents an interesting array of approaches to the subject of evolutionary and ecological ....

514 pages | B/w Illus | Columbia UP  
Hbk | 1984 | 0231054688 | #009260 |  
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## Genes in the Environment

Edited by Rosie Hails, John Beringer and H Charles J Godfrey  
Presents a review of the recent research and illustrates how molecular, genetic and modelling techniques have provided considerable new insights into the understanding of ....

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## Genetic Structure and Selection in Subdivided Populations

Francois Rousset  
Various approaches have been developed to evaluate the consequences of spatial structure on evolution in subdivided populations. This book is both a review and new synthesis of ....

264 pages | Figs | Princeton UP  
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JA Endler  
Explores the origins and development of geographic variation, divergence, and speciation. ....

246 pages | Tables, figs, distribution maps. | Princeton UP  
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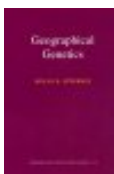


## Geographical Ecology: Patterns in the Distribution of Species

RH MacArthur  
MacArthur's final work, written just prior to his death, in which he outlined his vision of what constituted the main tenets of the discipline. ....

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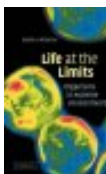
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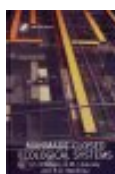
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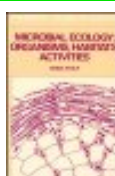
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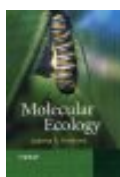
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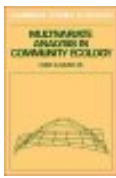
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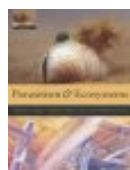
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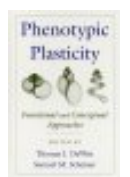
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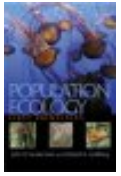
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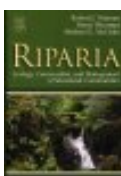
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Kevin J Gaston

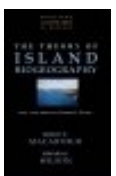
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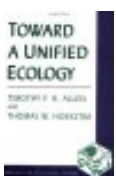
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