Careers Ecosystem Ecologist

Long-term Ecological Research **Eco-Careers** Ecosystem Ecology Concepts of Ecosystem Ecology **Ecoviews Eugene Odum Silwood Circle, The: A History Of Ecology And The Making Of Scientific Careers In Late Twentieth-century Britain** *Issues in Ecosystem Ecology: 2011 Edition* **What Can I Do Now: Science** Opportunities for Ecologists **What Can I Do Now? Career Opportunities in Science The ECO Guide to Careers that Make a Difference** *Long-Term Ecological Research* **Forestry and Tree Education Catalogue** *An Entangled Bank Principles of Terrestrial Ecosystem Ecology* **Career Ideas for Teens in Government and Public Service Global Environmental Careers Science and Engineering Careers in the United States** *Entomology, Ecology and Agriculture The Effective Ecologist* Career Discovery Encyclopedia **Transport Processes in Nature PB with CD-ROM Transport Processes in Nature Hardback with CD-ROM** Your Future on the Faculty **Planning for the Planet American Women of Science Since 1900** *The Ecosystem Concept In Anthropology Mathematical Ecology of Populations and Ecosystems* **Philosophy of Ecology** Populations, Biocommunities, Ecosystems **Seedling Ecology and Evolution Saving Forest Ecosystems Living in the Environment: Principles, Connections, and Solutions Encyclopedia of Ecology Violent Order** The Environment and Science **Environmental Science Environmental Sociology**

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What Can I Do Now? Feb 25 2022 Introduces the environmental industry, presents promising careers in that field and ways to prepare for them, and discusses immediate ways to get involved, including internships and volunteerism.

Forestry and Tree Education Catalogue Oct 24 2021

What Can I Do Now: Science Apr 29 2022 Introduces careers in the science fields, including career opportunities, ways of preparing for finding a job, and related activities such as volunteering, internship, and summer study programs.

Transport Processes in Nature PB with CD-ROM Jan 15 2021 A conceptual framework for the study and understanding of the propagation of ecological influences in nature.

Environmental Sociology Aug 29 2019 The third edition of John Hannigan’s classic undergraduate text has been fully updated and revised to highlight contemporary trends and controversies within

global environmental sociology. Environmental Sociology offers a distinctive, balanced treatment of environmental issues, reconciling Hannigan's much-cited model of the social construction of environmental problems and controversies with an environmental justice perspective that stresses inequality and toxic threats to local communities.

The Ecosystem Concept In Anthropology Aug 10 2020 Critics of the ecosystem concept have noted the tendency of ecosystem-based studies to overemphasize energy flow, to rely on functionalist assumptions, to neglect historical and evolutionary factors, and to overlook the role of individuals as the locus of natural selection and decision making. In this volume, leading figures in the study of biological and human ecology evaluate these criticisms and propose ways to advance the state of knowledge in ecological research.

The Effective Ecologist Mar 17 2021 The Effective Ecologist covers the stuff that no-one told you about at university - how to develop your business and office-related skills to succeed in your career as a professional ecologist. It will provide you with the skills and effective behaviours within the workplace that will enable your development as an ecologist.

The Environment and Science Oct 31 2019 Describes the relationship between the environmental sciences and society.

Career Discovery Encyclopedia Feb 13 2021 Praise for the previous editions: Booklist/RBB "Twenty Best Bets for Student Researchers"

Planning for the Planet Oct 12 2020 In the 1960s and 1970s, rapidly growing environmental awareness and concern not only led to widespread calls for new policies, but also created unprecedented demand for ecological expertise. This led to novel challenges for advocacy groups such as the International Union for the Conservation of Nature, which had to navigate rival scientific

approaches, Cold War politics, and decolonization in their efforts to integrate the study and protection of nature into international policymaking. This book reveals how, despite their vast scientific knowledge and attempts to incorporate socially relevant themes, experts inevitably struggled to make conservation a central part of environmental politics within intergovernmental organizations like the United Nations.

Principles of Terrestrial Ecosystem Ecology Aug 22 2021 Features review questions at the end of each chapter; Includes suggestions for recommended reading; Provides a glossary of ecological terms; Has a wide audience as a textbook for advanced undergraduate students, graduate students and as a reference for practicing scientists from a wide array of disciplines

Science and Engineering Careers in the United States May 19 2021 Beginning in the early 2000s, there was an upsurge of national concern over the state of the science and engineering job market that sparked a plethora of studies, commission reports, and a presidential initiative, all stressing the importance of maintaining American competitiveness in these fields. Science and Engineering Careers in the United States is the first major academic study to probe the issues that underlie these concerns. This volume provides new information on the economics of the postgraduate science and engineering job market, addressing such topics as the factors that determine the supply of PhDs, the career paths they follow after graduation, and the creation and use of knowledge as it is reflected by the amount of papers and patents produced. A distinguished team of contributors also explores the tensions between industry and academe in recruiting graduates, the influx of foreign-born doctorates, and the success of female doctorates. Science and Engineering Careers in the United States will raise new questions about stimulating innovation and growth in the American economy.

Transport Processes in Nature Hardback with CD-ROM Dec 14 2020 A conceptual framework for the study and understanding of the propagation of ecological influences in nature.

Eugene Odum Aug 02 2022

Living in the Environment: Principles, Connections, and Solutions Feb 02 2020 Sustainability is the integrating theme of this current and thought-provoking book. LIVING IN THE ENVIRONMENT provides the basic scientific tools for understanding and thinking critically about the environment. Co-authors G. Tyler Miller and Scott Spoolman inspire students to take a positive approach toward finding and implementing useful environmental solutions in their own lives and in their careers. Updated with the most up-to-date information, art, and Good News examples, the text engages and motivates students with vivid case studies and hands-on quantitative exercises. The concept-centered approach transforms complex environmental topics and issues into key concepts that students will understand and remember. Overall, by framing the concepts with goals for more sustainable lifestyles and human communities, students see how promising the future can be. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

The ECO Guide to Careers that Make a Difference Dec 26 2021 ECO Guide immerses you in the strategies and tactics that leading edge professionals are using to tackle pressing problems and create innovative solutions.

Encyclopedia of Ecology Jan 03 2020 The groundbreaking Encyclopedia of Ecology provides an authoritative and comprehensive coverage of the complete field of ecology, from general to applied. It includes over 500 detailed entries, structured to provide the user with complete coverage of the core knowledge, accessed as intuitively as possible, and heavily cross-referenced. Written by an

international team of leading experts, this revolutionary encyclopedia will serve as a one-stop-shop to concise, stand-alone articles to be used as a point of entry for undergraduate students, or as a tool for active researchers looking for the latest information in the field. Entries cover a range of topics, including: Behavioral Ecology Ecological Processes Ecological Modeling Ecological Engineering Ecological Indicators Ecological Informatics Ecosystems Ecotoxicology Evolutionary Ecology General Ecology Global Ecology Human Ecology System Ecology The first reference work to cover all aspects of ecology, from basic to applied Over 500 concise, stand-alone articles are written by prominent leaders in the field Article text is supported by full-color photos, drawings, tables, and other visual material Fully indexed and cross referenced with detailed references for further study Writing level is suited to both the expert and non-expert Available electronically on ScienceDirect shortly upon publication

American Women of Science Since 1900 Sep 10 2020

Entomology, Ecology and Agriculture Apr 17 2021 This study is facilitated by following economic entomologists' and ecologists' changing ideas about different pest control strategies, chiefly 'chemical', 'biological', and 'integrated' control. The author then follows the efforts of one specific group of entomologists, at the University of California, over three generations from their advocacy of 'biological' controls in the 1930s and 40s, through their shifting attention to the development of an 'integrated pest management' in the context of 'big biology' during the 1970s.

Eco-Careers Dec 06 2022 Examines twelve different jobs in which people work to preserve our environment including agronomist, environmental lawyer, teacher, and toxicologist.

Opportunities for Ecologists Mar 29 2022

Career Ideas for Teens in Government and Public Service Jul 21 2021 Want to serve your

community? Whether you're interested in politics or policy, law or science, finance or law enforcement, a career in government or public service may be right for you. From local to federal government employment, this book covers it all. The careers profiled include: Air marshal; Air traffic controller; Budget analyst; City manager; Cryptographer; Ecologist; Firefighter; Meteorologist; Park ranger; Police officer; Politician; and Urban planner.

Career Opportunities in Science Jan 27 2022 Discusses more than ninety career possibilities in the field of science, including information on education, training, and salaries.

Seedling Ecology and Evolution Apr 05 2020 Seedlings are highly sensitive to their environment. After seeds, they typically suffer the highest mortality of any life history stage. This book provides a comprehensive exploration of the seedling stage of the plant life cycle. It considers the importance of seedlings in plant communities; environmental factors with special impact on seedlings; the morphological and physiological diversity of seedlings including mycorrhizae; the relationship of the seedling with other life stages; seedling evolution; and seedlings in human altered ecosystems, including deserts, tropical rainforests, and habitat restoration projects. The diversity of seedlings is portrayed by including specialised groups like orchids, bromeliads, and parasitic and carnivorous plants. Discussions of physiology, morphology, evolution and ecology are brought together to focus on how and why seedlings are successful. This important text sets the stage for future research and is valuable to graduate students and researchers in plant ecology, botany, agriculture and conservation.

Long-term Ecological Research Jan 07 2023 Changing the Nature of Scientists : Participation in the Long-Term Ecological Research Program / Michael R. Willig and Lawrence R. Walker -- Sustaining Long-Term Research : Collaboration, Multidisciplinarity and Synthesis in the Long-Term Ecological

Research (LTER) Program / Robert B. Waide -- Reflections on LTER from NSF Program Directors' Perspectives / Henry L. Gholz, Robert Marinelli, and Phillip R. Taylor -- Streams and Dreams and Cross Site Studies / Sherri L. Johnson -- Data, Data Everywhere / Susan G. Stafford -- Science, Citizenship, and Humanities in the Ancient Forest of Andrews / Frederick J. Swanson -- Bridging Community and Ecosystem Ecology at the Arctic LTER Site via Collaborations / Laura Gough -- LTER in the Arctic : Where Science Never Sleeps / John E. Hobbie -- Forty Arctic Summers / Gaius R. Shaver -- Of Fish and Platypus : If You Could Ask a Fish What It Feels Like to Swim? / J. Morgan Grove -- Long-Term Ecological Research on the Urban Frontier : Benefiting from Baltimore / Steward T.A. Pickett -- Beneficiary of a Changed Paradigm : Perspectives of a "Next-Generation" Scientist / Elizabeth T. Borer -- Listening to Nature and Letting Data Be Trump / David Tilman -- The Socializing of an Ecosystem Ecologist : Interdisciplinarity from a Career Spent in the LTER Network / Daniel L. Childers -- An Urban Ecological Journey / Nancy B. Grimm -- An Anthropologist Joins the LTER Network / Ted L. Gragson -- The Benefits of Long-Term Environmental Research, Friendships, and Boiled Peanuts / Evelyn E. Gaiser -- Collaboration and Broadening Our Scope : Relevance of LTER Science to the Global Community / Tiffany G. Troxler -- A Dryland Ecologist's Mid-Career Retrospective on LTER and the Science-management Interface / Brandon Bestelmeyer -- Tales from an LTER "Lifer" / Debra P.C. Peters -- A Forest to Prairie Transition as an LTER Scientist / John Blair --Growing-Up with the Konza Prairie LTER Program / Alan K. Knapp -- Born and Bred in the LTER Network : Perspectives on Network Science and Global Collaboration / Melinda D. Smith -- Confessions of a Fungal Systematist / D. Jean Lodge -- A Glimpse of the Tropics Through Odum's Macroscope / Ariel E. Lugo -- Taking the Long View : Growing Up in the LTER / Whendee L. Silver -- Kelp Forests, Coral Reefs, and the LTER Program : Synergies and Impacts on a Scientific Career /

Sally J. Holbrook -- The LTER Construct for Understanding Dynamics of Coral Reef Ecosystems and Its Influence on My Science / Russell J. Schmitt -- Top of the World Collaborations : Lessons from Above Treeline / Katharine N. Suding -- My Evolution as an LTER Scientist / John J. Magnuson -- Learning from a Frozen Ocean : The Changing Face of Antarctic Ocean Ecology / Hugh W. Ducklow -- Mysteries in the Marsh / Anne Giblin -- Perspectives on a 30-Year Career of Salt Marsh Research / James T. Morris -- Evolution of an Information Manager / Margaret O?Brien -- From LTER to NSF and Back : A Personal History of LTER Science and Management / Scott L. Collins -- The LTER Stimulus : Research, Education, and Leadership Development at Individual and Community Levels / James R. Gosz -- LTER and Lessons from Networked Lives / John C. Moore -- Networking : From LTER to NEON / Bruce P. Hayden -- Sharing Information : Many Hands Make Light Work / John H. Porter -- Coda : Some Reflections on the Long-Term Ecological Research (LTER) Program / William H. Schlesinger -- Scholarly Learning in an Ecological Setting : Applying the Knowledge, Attitudes, and Behaviors Framework to Perceived Outcomes from Participation in the Long-Term Ecological Research Program / Mark A. Boyer and Scott W. Brown -- Exploring the Scientific and Beyond : Science Interactions of LTER Scientists / Courtney G. Flint -- Long-Term Ecological Research over the Long Term : An Historian's Perspective / Christopher Hamlin -- Tradeoffs of Participation in the Long-Term Ecological Research (LTER) Program : Immediate and Long-Term Consequences / Lawrence R. Walker and Michael R. Willig

Saving Forest Ecosystems Mar 05 2020 After the first Euro-American settlers arrived in Seattle in the 1850s, the surrounding old-growth forests were rapidly harvested for lumber, causing environmental degradation and displacing native peoples. Conflicts about the future of Pacific Northwest forests have continued since then. Only recently have academics, government agencies,

industry, small private landowners, tribes, and environmental organizations come together to develop plans to protect the remaining old-growth forests, wildlife, streams, and fish, as well as providing environmentally friendly forest products. Practicing sustainable forestry, maintaining healthy forests that are less susceptible to fire, insects and diseases; and fostering public enjoyment are now the main goals of forest management. However, conflicts still exist—and with climate change a looming threat, it is important to realize that forests give us much more than lumber. Robert L. Edmonds, professor emeritus at the School of Environmental and Forest Sciences, University of Washington (UW), wrote this book to bring attention to the sustainability of natural resources. He describes how Washington State's forests and the practice of forestry have changed through time and how these changes relate to the long history of research and teaching at the UW. Its scope extends beyond Washington—many of the principles of sustainable forestry developed by faculty have been adopted worldwide.

Mathematical Ecology of Populations and Ecosystems Jul 09 2020 Population ecologists study how births and deaths affect the dynamics of populations and communities, while ecosystem ecologists study how species control the flux of energy and materials through food webs and ecosystems. Although all these processes occur simultaneously in nature, the mathematical frameworks bridging the two disciplines have developed independently. Consequently, this independent development of theory has impeded the cross-fertilization of population and ecosystem ecology. Using recent developments from dynamical systems theory, this advanced undergraduate/graduate level textbook shows how to bridge the two disciplines seamlessly. The book shows how bifurcations between the solutions of models can help understand regime shifts in natural populations and ecosystems once thresholds in rates of births, deaths, consumption, competition, nutrient inputs, and decay are

crossed. Mathematical Ecology is essential reading for students of ecology who have had a first course in calculus and linear algebra or students in mathematics wishing to learn how dynamical systems theory can be applied to ecological problems.

Long-Term Ecological Research Nov 24 2021 The Long-Term Ecological Research (LTER) Program is, in a sense, an experiment to transform the nature of science, and represents one of the most effective mechanisms for catalyzing comprehensive site-based research that is collaborative, multidisciplinary, and long-term in nature. The scientific contributions of the Program are prodigious, but the broader impacts of participation have not been examined in a formal way. This book captures the consequences of participation in the Program on the perspectives, attitudes, and practices of environmental scientists. The edited volume comprises three sections. The first section includes two chapters that provide an overview of the history, goals, mission, and inner workings of the LTER network of sites. The second section comprises three dozen retrospective essays by scientists, data managers or educators who represent a broad spectrum of LTER sites from deserts to tropical forests and from arctic to marine ecosystems. Each essay addresses the same series of probing questions to uncover the extent to which participation has affected the ways that scientists conduct research, educate students, or provide outreach to the public. The final section encompasses 5 chapters, whose authors are biophysical scientists, historians, behavioral scientists, or social scientists. This section analyzes, integrates, or synthesizes the content of the previous chapters from multiple perspectives and uncovers emergent themes and future directions.

Issues in Ecosystem Ecology: 2011 Edition May 31 2022 Issues in Ecosystem Ecology / 2011 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Ecosystem Ecology. The editors have built Issues in Ecosystem Ecology: 2011 Edition on the

vast information databases of ScholarlyNews.™ You can expect the information about Ecosystem Ecology in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Ecosystem Ecology: 2011 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at http://www.ScholarlyEditions.com/.

Philosophy of Ecology Jun 07 2020 The most pressing problems facing humanity today — over-population, energy shortages, climate change, soil erosion, species extinctions, the risk of epidemic disease, the threat of warfare that could destroy all the hard-won gains of civilization, and even the recent fibrillations of the stock market — are all ecological or have a large ecological component. in this volume philosophers turn their attention to understanding the science of ecology and its huge implications for the human project. To get the application of ecology to policy or other practical concerns right, humanity needs a clear and disinterested philosophical understanding of ecology which can help identify the practical lessons of science. Conversely, the urgent practical demands humanity faces today cannot help but direct scientific and philosophical investigation toward the basis of those ecological challenges that threaten human survival. This book will help to fuel the timely renaissance of interest in philosophy of ecology that is now occurring in the philosophical profession. Provides a bridge between philosophy and current scientific findings Covers theory and applications Encourages multi-disciplinary dialogue

Violent Order Dec 02 2019 This book 's radical theory of police argues that the police demand for

order is a class order and a racialized and patriarchal order, by arguing that the police project, in order to fabricate and defend capitalist order,must patrol an imaginary line between society and nature, it must transform nature into inert matter made available for accumulation. Police don 't just patrol the ghetto or the Indian reservation, the thin blue line doesn 't just refer to a social order, rather police announce a general claim to domination--of labor and of nature. Police and police violence are modes of environment-making. This edited volume argues that any effort to understand racialized police violence is incomplete without a focus on the role of police in constituting and reinforcing patterns of environmental racism.

An Entangled Bank Sep 22 2021 This book was a revelation. I was simply enthralled by Joel Hagen's brilliance in reviewing the emergence of the discipline of ecosystem ecology (the study of biotic-abiotic interaction and nutrient flows in ecological systems). He does a magnificent job of introducing the personalities that midwived the new science. He explains their intellectual struggles, philosophical cross-currents, and different academic milieux. He also expertly illuminates sociopolitical context. Through his in-depth research he is able to dispel some misconceptions and truismsm, arriving at the heart of what made each scientist tick. Even when exploring some of the arcane figures and dead-end developments, he is so compelling that they become integral to the story, not sidetracks. His breadth of knowledge, his discerning inclusiveness, his clarity of thought, all make _An Entangled Bank_ a stimulating read. Very often in science courses we are presented only with the canonical "state of the science," having to swallow its agglomerated whole free of context. Hagen reveals the wisdom of understanding intellectual foundations. Through study of the origins and development of a science, we may better grasp the received tenets of current scientific understanding. As a young science, ecosystem ecology has a historical context that is relatively

accessible to us, if less romantic than a tale of the origins of astronomy might be. A peek into the labs and offices of botanists, limnologists, and biogeochemists might not seem like the acme of excitement. Hagen inspires us with his insights. He makes his subject meaningful to us. Though it is not pleasure reading by any stretch, its clear-sighted intellectual vigor makes _An Entangled Bank_ pure enjoyment.

Ecosystem Ecology Nov 05 2022 What can ecological science contribute to the sustainable management and conservation of the natural systems that underpin human well-being? Bridging the natural, physical and social sciences, this book shows how ecosystem ecology can inform the ecosystem services approach to environmental management. The authors recognise that ecosystems are rich in linkages between biophysical and social elements that generate powerful intrinsic dynamics. Unlike traditional reductionist approaches, the holistic perspective adopted here is able to explain the increasing range of scientific studies that have highlighted unexpected consequences of human activity, such as the lack of recovery of cod populations on the Grand Banks despite nearly two decades of fishery closures, or the degradation of Australia's fertile land through salt intrusion. Written primarily for researchers and graduate students in ecology and environmental management, it provides an accessible discussion of some of the most important aspects of ecosystem ecology and the potential relationships between them.

Ecoviews Sep 03 2022 Discusses natural history, ecology as a field of study, environmental issues that face our society, and human relationships with the natural world

Concepts of Ecosystem Ecology Oct 04 2022 In this volume 19 leading experts offer a timely and coherent overview of the fundamental principles of ecosystem science. They examine the flux of energy and biologically essential elements and their associated food webs in major terrestrial and

aquatic ecosystems, such as forests, grasslands, cultivated land, streams, coral reefs, and ocean basins. In each case, interactions between different eosystems, predictive models, and the application of ecosystem research to the management of natural resources are given special emphasis. A number of theoretical chapters provide a synthesis through critical discussion of current concepts of ecosystem energetics and dynamics.

Global Environmental Careers Jun 19 2021 Global Environmental Careers Global Environmental Careers – The Worldwide Green Jobs Resource This book is the ideal guide to equipping you with the tools and know-how to develop an environmental career. It is filled with practical advice, case studies, personal profiles and top tips across the global environment sector. An essential resource for anyone, from school students to those who are already in work but dreaming of a more meaningful career. 'This new book comes at exactly the right moment. There has never been a more critical time for effective, international action on our common ecological crisis, and success in that work requires a new generation of 21st Century environmental professionals.' Kevin Doyle, Executive Director, Office of Career and Professional Development, Yale School of the Environment 'As an experienced green career coach, the top questions I hear from green job seekers are, "What are the green jobs out there, which ones would be a good match, how do I get my foot in the door, and where do I find these jobs?" Taberham's book answers all of these in a refreshingly approachable way.' Lisa Yee-Litzenberg, President, Green Career Advisor LLC 'One of the biggest challenges environmental career seekers face is understanding and muddling through the opportunities available to them based on their experience, education, and interest. Taberham's book is a great resource to help people navigate their options and grab some tips for the career journey.' Laura Thorne, The Environmental Career Coach 'A fantastic book for those who are interested in

pursuing a role in sustainability. Jam-packed with helpful resources, career insights, and real-life case studies this is a go-to resource for professionals who are launching their careers.' Sharmila Singh, New Lens Consulting 'Justin Taberham provides an impressive global overview of a multifaceted, ever-changing sector that continues to evolve rapidly due to advances in technology and knowledge, changes in funding and incentives, and shifts in priorities and laws.' Carol L. McClelland, PhD, Author of Green Careers for Dummies

Your Future on the Faculty Nov 12 2020 "After we get our Ph.D.s and launch our academic careers, our first focus is on ourselves: to get a job, and to secure that job. How do we thrive as an individual faculty member? The most important human systems are those closest to us: our research mentors and group members, and then our new colleagues in an academic department"--

Environmental Science Sep 30 2019 Featuring an all-new design inspired by National Geographic Learning, ENVIRONMENTAL SCIENCE, 16th Edition, equips readers with the inspiration and knowledge to make a difference solving today's environmental issues. Highlighting the work of National Geographic explorers and grantees, it features over 180 new photos, maps and illustrations that bring chapter concepts to life. Using sustainability as their central theme, authors Miller and Spoolman emphasize natural capital, natural capital degradation, solutions, trade-offs and the importance of individuals. Readers learn how nature works, how they interact with it and how humanity can continue to sustain its relationship with the earth by applying nature's lessons to economies and individual lifestyles. Core Case Studies, Science Focus boxes and other features demonstrate the relevance of issues and encourage critical thinking. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Populations, Biocommunities, Ecosystems May 07 2020 Discussions on historical and philosophical issues in ecology have been rather limited. This volume presents an enriched and comprehensive review on ecological issues. The topics covered in this e-book include the emergence of the field of life-history st

Silwood Circle, The: A History Of Ecology And The Making Of Scientific Careers In Late Twentieth-century Britain Jul 01 2022 This is an original and wide-ranging account of the careers of a close-knit group of highly influential ecologists working in Britain from the late 1960s onwards. The book can also be read as a history of some recent developments in ecology. One of the group, Robert May, is a past president of the Royal Society, and the author of what many see as the most important treatise in theoretical ecology of the later twentieth century. That the group flourished was due not only to May's intellectual leadership, but also to the guiding hand of T. R. E. Southwood. Southwood ended his career as Linacre Professor of Zoology at the University of Oxford, where he also served a term as Vice-Chancellor. Earlier, as a professor and director of the Silwood Park campus of Imperial College London, he brought the group together. Since it began to coalesce at Silwood it has been named here the Silwood Circle. Southwood promoted the interests of its members with the larger aim of raising the profile of ecological and environmental science in Britain. Given public anxiety over the environment and the loss of ecosystems, his actions were well-timed.Ecology, which had been on the scientific margins in the first half of the twentieth century, came to be viewed as a science central to modern existence. The book illustrates its importance to many areas. Members of the Silwood Circle have acted as government advisors in the areas of conservation and biodiversity, resource management, pest control, food policy, genetically modified crops, sustainable agriculture, international development, defence against biological weapons, and

epidemiology and infectious disease control. In recounting the science they carried out, and how they made their careers, the book reflects also on the role of the group, and the nature of scientific success.