



[PDF] Entomology And Pest Management

Yeah, reviewing a book **Entomology and Pest Management** could build up your close contacts listings. This is just one of the solutions for you to be successful. As understood, exploit does not suggest that you have fantastic points.

Comprehending as competently as concord even more than further will meet the expense of each success. adjacent to, the publication as skillfully as perception of this Entomology and Pest Management can be taken as with ease as picked to act.

Entomology and Pest Management-Larry P. Pedigo 2014-12-22 Pedigo and Rice expertly combine basic and applied entomology in this reader-friendly, pedagogically rich text. Assuming only a background in elementary biology, the authors present the major elements of general entomology before moving on to concepts in insect biology and ecology necessary

for understanding insect pest management. Both theory and practice are emphasized as readers explore pertinent topics. The authors discuss pest-management issues—both preventive and curative—as aspects of applied ecology, with solutions considering environmental quality, profitability, and durability. Insect diagnostic boxes with detailed information on distribution, importance, appearance, and life cycles of particular species and groups appear throughout the text. Readers will come away with a

comprehensive introduction to applied, sustainable pest management appropriate for whatever commodities they must handle.

Entomology and Pest Management-Larry P. Pedigo 2021-03-15 Larry Pedigo and Marlin Rice have produced the top pest management textbook on the market for decades. New co-author Rayda Krell has helped bring the book into the twenty-first century. The successful core concepts of the book—understanding pests in their environment and using an ecological approach to combat them—remain as robust as ever. Features that instructors have come to rely on have been retained, including insect diagnostic boxes with detailed information on important species and species groups and an appendix with keys to major insect orders. New material on genetically modified plant species and regional pest technologies complement concepts in basic and applied entomology. Taxonomies and systematics of insects have been updated throughout the book.

Entomology and Pest Management-Pedigo Larry P 1996

Entomology and Pest Management-Larry P. Pedigo 1991

Entomology and Pest Management-Larry P. Pedigo 2002 Ideal for those with little or no background in the subject, "Entomology and Pest Management, fourth edition" promotes an understanding of major elements of general entomology and relates them to modern principles of insect pest management. Both theory and practice are emphasized and numerous examples are presented to facilitate learning. Pest management topics are discussed as aspects of "applied ecology," and solutions to pest problems are presented with regard to environmental quality, profitability, and durability. Profound changes have affected the

world of pest management in recent years. Users of this fourth edition will benefit from the following new coverage, making this book the most up-to-date resource available: Favorite Web Sites are listed at the end of each chapter, and a new Appendix 4 presents one of the most comprehensive compilations of web sites for entomology resources found anywhere, providing readers with instant access to the latest facts, figures, and developments in the field. Information on the current developments of low risk tactics such as microbial pesticides, insect growth regulators, and pheromones are included in chapters 9 and 13. Recent advances in biotechnology, including updates on the status of transgenic plants developed for pest management and the benefits and risks of cropping these plants are discussed in chapter 12.

Entomology and Pest Management-Larry P. Pedigo 1996

Manual of Entomology and Pest Management-Leon G. Higley 1989

Insect Pest Management-David Dent 2000-08-16 The first edition of this book, published in 1991, was well-received as an upper-level undergraduate textbook for courses in agricultural entomology and pest management. Since the publication of the first edition, many new advances have taken place in the subject, and these have been incorporated into the new version. The content has been updated throughout to provide balanced, comprehensive coverage.

Insect Pest Management-Jack E. Rechcigl 2016-04-27 Insect pest control continues to be a challenge for agricultural producers and researchers. Insect resistance to commonly used pesticides and the removal of toxic pesticides from the market have taken their toll on the

ability of agricultural producers to produce high quality, pest-free crops within economical means. In addition to this, they must not endanger their workers or the environment. We depend on agriculture for food, feed, and fiber, making it an essential part of our economy. Many people take agriculture for granted while voicing concern over adverse effects of agricultural production practices on the environment. *Insect Pest Management* presents a balanced overview of environmentally safe and ecologically sound practices for managing insects. This book covers specific ecological measures, environmentally acceptable physical control measures, use of chemical pesticides, and a detailed account of agronomic and other cultural practices. It also includes a chapter on state-of-the-art integrated pest management based, a section on biological control, and lastly a section devoted to legal and legislative issues. *Insect Pest Management* approaches its subject in a systematic and comprehensive manner. It serves as a useful resource for professionals in the fields of entomology, agronomy, horticulture, ecology,

and environmental sciences, as well as to agricultural producers, industrial chemists, and people concerned with regulatory and legislative issues.

Greenhouse Pest Management-Raymond A. Cloyd 2016-04-27 As the sustainable agriculture movement has grown, there has been a dramatic increase in the production of horticultural crops in greenhouses worldwide. Although there are numerous publications associated with pest management in greenhouses, *Greenhouse Pest Management* is the first comprehensive book on managing greenhouse arthropod pests, particula

Termites-M. J. Pearce 1997 This text provides a scientific introduction to termites, including their behaviour, pest status and control.

Forest Entomology-Robert N. Coulson 1984-05-14 This text considers forest insects

occurring in forest ecosystems, specialized forestry settings, and urban forests, with an approach and coverage that make it suitable for use in both undergraduate and graduate courses in forest entomology and forest protection. Early chapters introduce entomology, middle chapters provide the first comprehensive treatment of the principles of Integrated Pest Management (IPM) of forest insects, and later chapters discuss the pest insects according to their feeding group.

Ecological Methods in Forest Pest Management-David Wainhouse 2005

Throughout the world, there is a need to manage pests in both semi-natural and plantation forests. The sustainable management and control of forest pests depends on the development of Integrated Pest Management (IPM) programmes. A central theme of this book is an examination of the ecological context of the major components of IPM and how and when to apply them in the management of forest pests. The book focuses predominantly on insect pests, but many

examples relate to fungal pathogens, some of which are vectored by forest insects. While most examples are from temperate regions, the critical analysis of IPM is relevant to forests world-wide. The book is aimed at undergraduate and postgraduate students of applied entomology and ecology, forestry, agro-forestry, conservation biology and environmental sciences. It will also be of value to managers of IPM programmes in agriculture as well as forestry.

Agriculture Entomology and Pest Pesticides

Chetan Jawale 2016-08 The influence of insects on human life - destructive and beneficial - can be traced back to prehistoric days until now. Agricultural entomology concerns itself with the study of insects associated with various aspects of agriculture. It deals with the study of both beneficial and detrimental insects. Insects that are detrimental to agriculture are commonly known as insect pests. The bulk of agricultural entomology deals with the control of those. Insect pest control is now conducted through

integrated pest management (IPM) principles that aim to be sustainable in the use of resources and environmentally friendly. IPM requires plenty of experience and knowledge and combines all available methods of control. Prevention is also an important component of IPM programs. In India, agriculture is the main occupation of the majority of people. The most important natural enemies of agricultural crops are insects, plant diseases, weeds and weather conditions. Out of this, insects are the greatest competitors of man in the struggle for existence. In the present topic the various kinds of pest will be studied in broad sense/view.

Environmental Pest Management-Moshe Coll
2017-10-02 18.4 Characteristics of Top-down,
Environmental Pest Management -- References --
Index -- EULA

**Integrated Management of Insect Pests:
Current and Future Developments**-E. A.

Heinrichs 2019-09-20 This volume reviews current developments in integrated pest management (IPM), focussing on insect pests. It discusses advances in understanding species and landscape ecology on which IPM is founded, as well as advances in cultural, physical and biological methods of control. The first part of the book reviews current developments in understanding insect species, community and agroecosystems ecology. This understanding provides the foundation for developing effective IPM programmes which work with ecosystems to keep pests from reaching damaging levels. Parts 2 and 3 then review advances in cultural, physical and, in particular, biological methods of control. Chapters cover developments in classical, conservation and augmentative biological control as well as the use of entomopathogenic fungi, viruses, nematodes and semiochemicals. The final parts of the book summarise current research on monitoring pesticide use as well as emerging classes of biopesticides. Edited by pioneers in IPM techniques, and including contributions from

some of most eminent experts in the field, this will be a standard reference for the IPM research community, crop scientists, entomologists, companies involved in pesticides and crop pest management as well as government agencies monitoring and regulating pest management in agriculture.

Insect Bioecology and Nutrition for Integrated Pest Management-Antônio Ricardo Panizzi 2012-03-08 The field of insect nutritional ecology has been defined by how insects deal with nutritional and non-nutritional compounds, and how these compounds influence their biology in evolutionary time. In contrast, *Insect Bioecology and Nutrition for Integrated Pest Management* presents these entomological concepts within the framework of integrated pest management (IPM). It specifically addresses bioecology and insect nutrition in modern agriculture. Written for graduate students and professionals in entomology, this book covers neotropical information in three sections:

General Aspects: Basic bioecology and insect nutrition; artificial diets; insect/plant interactions; insect symbionts; the interface of chemical ecology with the food; and insect cannibalism **Specific Aspects:** Specific feeding guilds of insects including ants, social bees, leaf chewers, seed suckers, seed chewers, root feeders, gall makers, detritivorous feeders, pests of storage grains, fruit flies, aphids, endo- and ectoparasitoids, predators, crisopids, and hematophagous insects **Applied Aspects:** Host plant resistance and the design of IPM programs in the context of insect bioecology and nutrition Much of the research on which these chapters were written was done in Brazil and based on its neotropical fauna. The complexity and diversity of the neotropics provides enough data that readers from all zoogeographical regions can readily translate the information in this book to their specific conditions. The book's value as an entry point for further research is enhanced by the inclusion of approximately 4,000 references.

Introduction to Insect Pest Management-

Robert L. Metcalf 1982-09-27 An integrated survey of the biological background, principles, and methods of insect pest management, presenting representative papers by leaders in the field. Stresses insect problems in agriculture, providing examples of developing programs and techniques in the modeling, analysis, and use of insect pest management. Topics covered include plant resistance, parasitoids, and the function of diseases and insecticides in pest management. Provides extensive references and numerous practical examples of pest management usage.

Integrated Pest Management-

Dharam P Abrol 2013-08-28 Integrated Pest Management: Current Concepts and Ecological Perspective presents an overview of alternative measures to traditional pest management practices using biological control and biotechnology. The removal of some highly effective broad-spectrum chemicals, caused by concerns over environmental health and public safety, has

resulted in the development of alternative, reduced risk crop protection products. These products, less toxic to the environment and easily integrated into biological control systems, target specific life stages or pest species. Predation — recognized as a suitable, long-term strategy — effectively suppresses pests in biotechnological control systems. Integrated Pest Management covers these topics and more. It explores the current ecological approaches in alternative solutions, such as biological control agents, parasites and predators, pathogenic microorganisms, pheromones and natural products as well as ecological approaches for managing invasive pests, rats, suppression of weeds, safety of pollinators, role of taxonomy and remote sensing in IPM and future projections of IPM. This book is a useful resource to entomologists, agronomists, horticulturists, and environmental scientists. Fills a gap in the literature by providing critical analysis of different management strategies that have a bearing on agriculture, sustainability and environmental protection Synthesizes research

and practice on integrated pest management
Emphasizes an overview of management strategies, with critical evaluation of each in the larger context of ecologically based pest management

Biodiversity and Pest Management in Agroecosystems-Miguel A. Altieri 1994

Completely updated for 2004, this new edition examines methods for making agricultural systems less susceptible to insect pests. Containing new findings and reports of strategies, Biodiversity and Pest Management in Agroecosystems, Second Edition will show you how pests can be managed by enhancing beneficial biodiversity using agroecological diversification methods. This book provides you with an essential overview of the role of biodiversity in agriculture and then gets specific, with new and updated information on the agroecology of pest management; plant diversity and pest outbreaks within agroecosystems; diversification strategies for pest management;

and how sustainable farming systems are designed.

Management of Insect Pests in Vegetable Crops-Ramanuj Vishwakarma 2020-04-13

This new book on the sustainable management of insect pests in important vegetables offers valuable management strategies in detail. It focuses on eco-friendly technology and approaches to mitigating the damage caused by insect pests with special reference to newer insecticides. Chapters in the volume provide an introduction to vegetable entomology and go on to present a plethora of research on sustainable eco-friendly pest management strategies for root vegetables, spice crops, tuber crops, and more. Vegetable crops that are infested by several insect pests from the nursery to the harvesting stage cause enormous crop losses. Given that it is estimated that up to 40 percent of global crops are lost to agricultural pests each year, new research on effective management strategies is vital. The valuable information provided in this

book will be very helpful for faculty and advanced-level students, scientists and researchers, policymakers, and others involved in pest management for vegetable crops.

Microbial Control of Insect and Mite Pests-

Lawrence A. Lacey 2016-09-03 *Microbial Control of Insect and Mite Pests: From Theory to Practice* is an important source of information on microbial control agents and their implementation in a variety of crops and their use against medical and veterinary vector insects, in urban homes and other structures, in turf and lawns, and in rangeland and forests. This comprehensive and enduring resource on entomopathogens and microbial control additionally functions as a supplementary text to courses in insect pathology, biological control, and integrated pest management. It gives regulators and producers up-to-date information to support their efforts to facilitate and adopt this sustainable method of pest management. Authors include an international cadre of experts from

academia, government research agencies, technical representatives of companies that produce microbial pesticides, agricultural extension agents with hands on microbial control experience in agriculture and forestry, and other professionals working in public health and urban entomology. Covers all pathogens, including nematodes Addresses the rapidly progressing developments in insect pathology and microbial control, particularly with regard to molecular methods Demonstrates practical use of entomopathogenic microorganisms for pest control, including tables describing which pathogens are available commercially Highlights successful practices in microbial control of individual major pests in temperate, subtropical, and tropical zones Features an international group of contributors, each of which is an expert in their fields of research related to insect pathology and microbial control

Encyclopedia of Pest Management-David Pimentel, Ph.D. 2002-05-09 PRINT/ONLINE

PRICING OPTIONS AVAILABLE UPON
REQUEST AT a
href="http://www.tandfonline.com/action/bookPricing?doi=10.1081%2FE-EPM "
target="_blank"Taylor & Francis Online

Contemporary Insect Diagnostics-Timothy J. Gibb 2014-10-27 Contemporary Insect Diagnostics aids entomologists as they negotiate the expectations and potential dangers of the practice. It provides the reader with methods for networking with regulatory agencies, expert laboratories, first detectors, survey specialists, legal and health professionals, landscape managers, crop scouts, farmers and the lay public. This enables the practitioner and advanced student to understand and work within this network, critically important in a time when each submission takes on its own specific set of expectations and potential ramifications. Insect diagnosticians must be knowledgeable on pests that affect human health, stored foods, agriculture, structures, as well as human comfort

and the enjoyment of life. The identification and protection of the environment and the non-target animals (especially beneficial insects) in that environment is also considered a part of insect diagnostics. Additionally, Integrated Pest Management recommendations must include any of a variety of management tactics if they are to be effective and sustainable. This greatly needed foundational information covers the current principles of applied insect diagnostics. It serves as a quick study for those who are called upon to provide diagnostics, as well as a helpful reference for those already in the trenches. Includes useful case studies to teach specific points in insect diagnostics Provides problem-solving guidance and recommendations for insect identification, threat potential, and management tactics, while accounting for the varying needs of the affected population or client Contains numerous color photos that enhance both applicability and visual appeal, together with accompanying write-ups of the common pests

Sustainable Management of Arthropod Pests of Tomato

Waqas Wakil 2017-11-19 Sustainable Management of Arthropod Pests of Tomato provides insight into the proper and appropriate application of pesticides and the integration of alternative pest management methods. The basis of good crop management decisions is a better understanding of the crop ecosystem, including the pests, their natural enemies, and the crop itself. This book provides a global overview of the biology and management of key arthropod pests of tomatoes, including arthropod-vector diseases. It includes information that places tomatoes in terms of global food production and food security, with each pest chapter including the predators and parasitoids that have specifically been found to have the greatest impact on reducing that particular pest. In-depth coverage of the development of resistance in tomato plants and the biotic and abiotic elicitors of resistance and detailed information about the sustainable management of tomato pests is also presented. Provides basic biological and management information for arthropod pests of

tomato from a global perspective, encompassing all production types (field, protected, organic) Includes chapters on integrated management of tomato pests and specific aspects of tomato pest management, including within protected structures and in organic production Presents management systems that have been tested in the real-world by the authors of each chapter Fully illustrated throughout with line drawings and color plates that illustrate key pest and beneficial arthropods associated with tomato production around the world

Sterile Insect Technique

V.A. Dyck 2006-02-23 The sterile insect technique (SIT) is an environment-friendly pest control method that fits into area-wide integrated pest management (AW-IPM) programmes. This book describes the principles and practice of SIT, frankly evaluating its strengths and weaknesses, successes and failures. SIT is useful against pests that have considerable impact on plant, animal and human health, and criteria are provided to guide in the

selection of pests appropriate for SIT.

Recent Advances in Entomological Research-

Tong-Xian Liu 2011-12-18 In recent years the field of entomology, due in part to the penetration of other disciplines, has made rapid progress. "Recent Advances in Entomological Research: From Molecular Biology to Pest Management" includes 25 chapters contributed by more than 40 distinguished entomologists and introduces the latest progress in entomology, from molecular biology, insect-plant interactions and insecticide toxicology, to emerging technologies in pest management. Not only is the book interesting and informative, but it provides useful, innovative research advances and will serve as a valuable resource for entomologists, zoologists, botanists and other researchers in the field of plant protection. Tong-Xian Liu is a professor of entomology at the College of Plant Protection, Northwest A&F University, China. Le Kang is a professor of entomology at the Institute of Zoology, Chinese Academy of Sciences, China.

Integrated Pest Management-D. P. Abrol 2012

Providing a critical evaluation of the management strategies involved in ecologically-based pest management, this book presents a balanced overview of environmentally safe and ecologically sound approaches. Topics covered include biological control with fungi and viruses, conservation of natural predators, use of botanicals and how effective pest management can help promote food security. In the broader context of agriculture, sustainability and environmental protection, the book provides a multidisciplinary and multinational perspective on integrated pest management useful to researchers in entomology, crop protection, environmental sciences and pest management.

Green Trends in Insect Control-Óscar López

2011 This book presents the new families of insecticides developed recently as a "green" alternative to classical and more toxic

agrochemicals.

Urban Pest Management-Partho Dhang 2011

Urban pest management has recently faced dramatic change: advances in research and formulation technology now shape the products available and how they are applied. Bringing together ideas from both academic and private enterprises, this book covers methods of pest control, their impacts on human health and the environment, and strategies for integrated management that limit the use of harmful chemicals, providing a practical resource for researchers and policy makers in pest management, urban health, medical entomology and environmental science.

Insect Resistance Management-David W. Onstad 2013-10-08 Neither pest management nor resistance management can occur with only an understanding of pest biology. For years, entomologists have understood, with their use of

economic thresholds, that at least a minimal use of economics was necessary for proper integrated pest management. IRM is even more complicated and dependent on understanding and using socioeconomic factors. The new edition of Insect Resistance Management addresses these issues and much more. Many new ideas, facts and case studies have been developed since the previous edition of Insect Resistance Management published. With a new chapter focusing on Resistance Mechanisms Related to Plant-incorporated Toxins and heavily expanded revisions of several existing chapters, this new volume will be an invaluable resource for IRM researchers, practitioners, professors and advanced students. Authors in this edition include professors at major universities, leaders in the chemical and seed industry, evolutionary biologists and active IRM practitioners. This revision also contains more information about IRM outside North America, and a modeling chapter contains a large new section on uncertainty analysis, a subject recently emphasized by the U.S. Environmental

Protection Agency. The final chapter contains a section on insecticidal seed treatments. No other book has the breadth of coverage of Insect Resistance Management, 2e. It not only covers molecular to economic issues, but also transgenic crops, seed treatments and other pest management tactics such as crop rotation. Major themes continuing from the first edition include the importance of using IRM in the integrated pest management paradigm, the need to study and account for pest behavior, and the influence of human behavior and decision making in IRM. Provides insights from the history of insect resistance management (IRM) to the latest science Includes contributions from experts on ecological aspects of IRM, molecular and population genetics, economics, and IRM social issues Offers biochemistry and molecular genetics of insecticides presented with an emphasis on recent research Encourages scientists and stakeholders to implement and coordinate strategies based on local social conditions

Urban Landscape Entomology-David Held
2019-09-11 Urban Landscape Entomology provides readers with the background needed to adequately understand and manage many of the complexities of urban landscape pest management. For those who need training in landscape entomology, this work serves as a practical guidebook and resource. Its chapters include quality color images of pests, along with pest management tactics, such as tree injection procedures. This topical arrangement facilitates easy extraction of information relevant to a particular situation (e.g., management of borers) and uses practical terms without oversimplifying the subject matter. This work is an invaluable resource for practitioners of landscape entomology, including technicians and operations that service local landscape management needs, such as horticultural and turfgrass management. In addition, it is also a useful reference for advanced courses in landscape entomology. Includes diagnostic information on both turfgrass and ornamental pest management Concludes

each chapter with a list of key papers for further reading and research Provides information on open-source online resources for insect identification and insecticide classification Includes details of the author's international work in such urban landscapes as China, Costa Rica and Cuba, also including additional global perspectives

Agricultural Acarology-Marjorie A. Hoy
2016-04-19 Written by a globally prominent entomologist, *Agricultural Acarology: Introduction to Integrated Mite Management* provides tools for developing integrated mite management programs for agriculture, including management of plant-feeding mites, mites attacking bees and livestock, and stored products. Emphasizing the biology, ecology, behavior, and dive

Ecological Approach to Pest Management-
D.J. Horn 1988-02-29

Areawide Pest Management-Opender Koul
2008 Pest management has long been a problem for farmers worldwide and new techniques are continually being developed to reduce the adverse effects of pest populations. The use of areawide pest management has increased dramatically over the past decade and offers potential advantages to traditional and more localized approaches. Suppression over a broad area can reduce re-infestation of previously treated areas and the specific pest management techniques may be more effective when applied over larger areas. Providing the first comprehensive discussion of areawide pest management, this book will explore the theoretical development and implementation of techniques from a worldwide perspective. Areas covered include history and development, biological and ecological impacts and recent case studies of pest management programmes.

Methods in Ecological and Agricultural

Entomology-David Dent (Ph. D.) 1997 Aims to integrate new approaches and technologies with traditional and proven methods of ecological and agricultural entomology. This book provides an analysis and evaluation of the methods available, their application, and also the general principles involved.

Bugged-David MacNeal 2017-07-03 "Creepy, beautiful, icky and amazing." —Penny Le Couteur, author of Napoleon's Button Insects have been shaping our ecological world and plant life for over 400 million years. In fact, our world is essentially run by bugs—there are 1.4 billion for every human on the planet. In *Bugged*, journalist David MacNeal takes us on an off-beat scientific journey that weaves together history, travel, and culture in order to define our relationship with these mini-monsters. MacNeal introduces a cast of bug-lovers—from a woman facilitating tarantula sex and an exterminator nursing bedbugs (on his own blood), to a kingpin

of the black market insect trade and a “maggotologist”—who obsess over the crucial role insects play in our everyday lives. Just like bugs, this book is global in its scope, diversity, and intrigue. Hands-on with pet beetles in Japan, releasing lab-raised mosquitoes in Brazil, beekeeping on a Greek island, or using urine and antlers as means of ancient pest control, MacNeal’s quest appeals to the squeamish and brave alike. Demonstrating insects’ amazingly complex mechanics, he strings together varied interactions we humans have with them, like extermination, epidemics, and biomimicry. And, when the journey comes to an end, MacNeal examines their commercial role in our world in an effort to help us ultimately cherish (and maybe even eat) bugs.

Sweet Potato Pest Management-Richard K. Jansson 1991-09-19

The Economics of Integrated Pest

Management of Insects-David W Onstad
2019-09-02 The book begins by establishing an economic framework upon which to apply the principles of IPM. Then, it looks at the entomological applications of economics, specifically, economic analyses concerning chemical, biological, cultural, and genetic control tactics as well as host plant resistance and the cost of sampling. Lastly it evaluates whether the control provided by a traditional IPM system is sufficient, or if changes to the system design would yield greater benefits.

IPM for Gardeners-Raymond A. Cloyd
2004-09-15 Since the publication of *Silent Spring* in 1962, interest in alternative pest-management strategies has increased dramatically. As a way to reduce the use of pesticides and keep plants healthy, integrated pest management (IPM) has evolved to emphasize prevention, early diagnosis

(or "scouting"), and long-term control strategies - not quick fixes. Many nurseries, land-use agencies, and public gardens now require the use of IPM as an intelligent, real-world system to raise plants in an environmentally responsible manner. Despite a plethora of technical IPM training manuals, no book until now has distilled its core philosophy for the home gardener, so that he or she can learn to manage plant health as the professionals do, based on scientific principles. In *IPM for Gardeners*, a team of experts explains how any gardener can use IPM techniques for success at home. Authoritative, well-illustrated, and packed with case studies, this volume promises to change the way we see our gardens.