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**TAUP 91 Cooperative Plant Pest Report** *Cooperative Plant Pest Report* **Insect Biodiversity Changing Views of Textile Conservation** Aphids on the World's Herbaceous Plants and Shrubs, 2 Volume Set *Applied Thermodynamics for Engineering Technologists* Physical Evidence for Ritual Acts, Sorcery and Witchcraft in Christian Britain **Conservation Skills** *New Zealand Journal of Zoology* **Handbook of Material Culture** *Proceedings of the Hawaiian Entomological Society* Insects and Diseases of Mediterranean Forest Systems **Aphids in a New Millennium Evolutionary Paleobiology of Behavior and Coevolution Insect Pests of Millets** *X-Radiography of Textiles, Dress and Related Objects* **Feeling Things** Vectors of Plant Pathogens Aphids as Virus Vectors *Quantum Systems* Quantum Systems: New Trends And Methods - Proceedings Of The International Workshop **Aphids as Crop Pests, 2nd Edition** Race, Politics, and Irish America *New Zealand Journal of Zoology* **The Aphidoidea (Hemiptera) of Fennoscandia and Denmark** **Advances in Hemipterology** **Cosmic Rays 92** **The Aphidoidea (Hemiptera) of Fennoscandia and Denmark. V, Family Aphididae, Part 2 of Tribe Macrosiphini of Subfamily Aphidinae** **Textile Conservation** Routledge Companion to Museum Ethics *New Zealand Journal of Agricultural Research* Field Crop Arthropod Pests of Economic Importance *History and Material Culture* Everyday Objects *Energy: Management, Supply and Conservation* **Low-Temperature Technologies and Applications** **Medievalism and Modernity** **World Perspectives on Barley Yellow Dwarf Faded and Threadbare Historic Textiles and their Role in Houses Open to the Public**

**Faded and Threadbare Historic Textiles and their Role in Houses Open to the Public** Jun 25 2019 Many historic houses that open to the public in England and Wales - particularly those owned by the National Trust - preserve their contents rather than restore them to a particular period. The former owners of these houses often retained objects from various periods and this layering of history produces interiors that look aged and patinated. Although the reason for this preservation and lack of fashionable renewable can be attributed to declining economic fortunes in the twentieth century, there are many examples of families practising this method of homemaking over a much longer period. Taking National Trust properties as its central focus, this book examines three interlocking themes to examine

the role of historic textiles. Firstly it looks at houses with preserved contents together with the reasons for individual families choosing this lifestyle; secondly the role of the National Trust as both guardian and interpreter of these houses and their collections; and finally, and most importantly, the influence of textiles to contribute to the appearance of interiors, and their physical attributes that carry historical resonances of the past. The importance of preserved textiles in establishing the visual character of historic houses is a neglected area and therefore the prominence given to textiles in this project constitutes an original contribution to the study of these houses. Drawing upon a range of primary sources, including literature produced by the National Trust for their sites, and documentary sources for the families and their houses (such as diaries, letters and household accounts), the study takes a broad approach that will be of interest to all those with an interest in material culture, heritage, collecting studies and cultural history.

**Changing Views of Textile Conservation** Jun 29 2022 "Recognizing conservation as a dynamic social force, the eighty-one readings in this volume draw attention to the cultural significance of textiles and dress, illustrating the intellectual foundations as well as important changes in conservation practice." -- Back cover.

*Applied Thermodynamics for Engineering Technologists* Apr 27 2022 *Applied Thermodynamics for Engineering Technologists* provides a complete introduction to the principles of thermodynamics for degree level students on courses in mechanical, aeronautical, chemical, environmental and energy engineering and engineering science courses. The fifth edition of this classic text for applied courses has been completely revised and updated to take account of modern teaching methods and perspectives, with the emphasis placed on the application of theory to real processes and plant. New for this edition is a section on energy recovery, including pinch technology and a discussion of the thinning of the ozone layer due to the use of CFCs. Examples and problems using the refrigerant 134A replace the previous references to CFC R12. In addition, the discussion of energy sources, their uses and management, has been expanded and improved and there is now extensive coverage of the combined heat and power section. The material on turbines, compressors, nozzles and propulsion is presented in a more logical sequence but retains important information on the differences between gas and steam turbines. Finally the section on refrigeration gives more prominence to the heat pump and vapour absorption plant.

**Aphids in a New Millennium** Sep 20 2021 This book contains the proceedings of the Sixth International Symposium on Aphids, held in September 2001 at Rennes, France, and organised by the aphidologists of Inra and the Ecole Nationale Supérieure Agronomique de Rennes (Ensar). It covers most aspects of aphid researches world-wide, gathered in five sections on Biology and Ecology - Taxonomy, Systematics and Faunistics - Genetics, Population Biology and Evolutionary Ecology - Population Dynamics, Biological Control and Integrated Pest Management - Aphid-plant Relationships. The number of papers and their diversity reflect the dynamism of the world community of aphid-working scientists.

Insects and Diseases of Mediterranean Forest Systems Oct 22 2021 Insect and disease issues are often specific to the Mediterranean forest systems rather than shared with the temperate forests. In addition to the specific native insects and diseases, the forests are

subject to the invasion of exotic species. The forests are also at risk from high degrees of human activity, including changing patterns of forest fires, land management activities, intensive plantation forestry using introduced timber species from other Mediterranean climate zones, and atmospheric deposition. Combined with elements of global climate change that may disproportionately affect Mediterranean climate systems, this creates a number of significant management issues that are unique to the Mediterranean forests. It is our goal that the information contained in this volume will contribute to understanding the unique aspects of Mediterranean forest systems and to protecting these critical resources.

Race, Politics, and Irish America Nov 10 2020 Figures from the Scots-Irish Andrew Jackson to the Caribbean-Irish Rihanna, as well as literature, film, caricature, and beauty discourse, convey how the Irish racially transformed multiple times: in the slave-holding Caribbean, on America's frontiers and antebellum plantations, and along its eastern seaboard. This cultural history of race and centuries of Irishness in the Americas examines the forcibly transported Irish, the eighteenth-century Presbyterian Ulster-Scots, and post-1845 Famine immigrants. Their racial transformations are indicated by the designations they acquired in the Americas: 'Redlegs,' 'Scots-Irish,' and 'black Irish.' In literature by Fitzgerald, O'Neill, Mitchell, Glasgow, and Yerby (an African-American author of Scots-Irish heritage), the Irish are both colluders and victims within America's racial structure. Depictions range from Irish encounters with Native and African Americans to competition within America's immigrant hierarchy between 'Saxon' Scots-Irish and 'Celtic' Irish Catholic. Irish-connected presidents feature, but attention to queer and multiracial authors, public women, beauty professionals, and performers complicates the 'Irish whitening' narrative. Thus, 'Irish Princess' Grace Kelly's globally-broadcast ascent to royalty paves the way for 'America's royals,' the Kennedys. The presidencies of the Scots-Irish Jackson and Catholic-Irish Kennedy signalled their respective cohorts' assimilation. Since Gothic literature particularly expresses the complicity that attaining power ('whiteness') entails, subgenres named 'Scots-Irish Gothic' and 'Kennedy Gothic' are identified: in Gothic by Brown, Poe, James, Faulkner, and Welty, the violence of the colonial Irish motherland is visited upon marginalized Americans, including, sometimes, other Irish groupings. History is Gothic in Irish-American narrative because the undead Irish past replays within America's contexts of race.

**New Zealand Journal of Agricultural Research** Mar 03 2020

Routledge Companion to Museum Ethics Apr 03 2020 Recent social, economic, political, and technological shifts have presented novel ethical challenges and opportunities across all areas of museum activity. This book will elucidate contemporary museum ethics, providing a resource to students, researchers and museum professionals worldwide who are grappling with these matters.

**Low-Temperature Technologies and Applications** Sep 28 2019 This book on low-temperature technology is a notable collection of different aspects of the technology and its application in varieties of research and practical engineering fields. It contains, sterilization and preservation techniques and their engineering and scientific characteristics. Ultra-low temperature refrigeration, the refrigerants, applications, and economic aspects are highlighted in this issue. The readers will find the low temperature, and vacuum systems for industrial applications. This book has given attention to global energy resources, conservation of energy, and alternative sources of

energy for the application of low-temperature technologies.

*Quantum Systems* Feb 11 2021

**Insect Pests of Millets** Jul 19 2021 *Insect Pests of Millets: Systematics, Bionomics, and Management* focuses on protecting the cultivated cereals that many worldwide populations depend on for food across the semi-arid tropics of the world. Providing coverage of all the major cultivated millets, including sorghum, pearl millet, finger millet, barnyard millet, proso millet, little millet, kodomillet, and foxtail millet, this comprehensive book on insect pests is the first of its kind that explores systematics, bionomics, distribution, damage, host range, biology, monitoring techniques, and management options, all accompanied by useful illustrations and color plates. By exploring the novel aspects of Insect-plant relationships, including host signaling orientation, host specialization, pest – host evolutionary relationship, and biogeography of insects and host plants, the book presents the latest ecologically sound and innovative techniques in insect pest management from a general overview of pest management to new biotechnological interventions. Includes the most comprehensive and relevant aspects of insect systematics, including synonyms, nomenclatural history, and identification characters to quickly guide readers to desired information. Addresses aspects of insect-plant relationships, including host signaling and orientation, host specialization, pest – host evolutionary relationship, and biogeography of insects and host plant. Presents the latest research findings related to the ecological, behavioral, and physiological aspects of millet pests.

*Aphids as Virus Vectors* Mar 15 2021 *Aphids as Virus Vectors* focuses on aphids as vectors of plant viruses and the fundamentals of their relationship with virus and host. The mouthparts and feeding mechanism of aphids are discussed, along with aphid penetration of plant tissues and the transmission mechanisms of aphids as virus vectors. The intrinsic properties and taxonomy of aphid-borne viruses are also examined. Comprised of 22 chapters, this book begins with an overview of the importance of aphids as vectors, their biology, and the properties of the viruses they transmit. These introductory chapters prepare the reader for later ones on aphid-virus-plant interactions. The next section deals with transmission mechanisms, with emphasis on several novel alternatives to many of the traditionally held concepts of how aphids transmit viruses. Accessory factors in non-persistent virus transmission are considered. Subsequent chapters focus on technological advances in aphid-virus research, including the use of aphid cell culturing, radioisotope methodology, membrane feeding, and electrical measurement systems. The most promising frontiers in epidemiological and control-oriented research are discussed in the last two sections. This monograph will be a useful resource for researchers from such varied sciences as entomology, plant science, and virology, as well as for graduate students taking entomology and plant pathology courses on insects in relation to plant diseases.

**World Perspectives on Barley Yellow Dwarf** Jul 27 2019

*Cooperative Plant Pest Report* Sep 01 2022

**Textile Conservation** May 05 2020 -Includes case studies from the UK, USA and mainland Europe and Asia --

**Cooperative Plant Pest Report** Oct 02 2022

Vectors of Plant Pathogens Apr 15 2021 *Vectors of Plant Pathogens* is a collection of papers that discusses the interrelationship of plant pathogens with their vectors. This collection deals with the numerous vector groups associated with plant pathogens. One paper describes the biology, feeding behavior and distribution of aphids, leafhoppers, plant hoppers, mealy bugs, whiteflies, psyllids, membracids. Another paper addresses the virus transmission characteristics of the mealy bugs during preliminary fasting or feeding, acquisition access time, post-acquisition fasting or feeding, and the inoculation access time. Other papers also discuss the involvement of insects in transmitting bacterial and fungal pathogens; the authors list unresolved issues such as the role of insects in overwintering of bacterial pathogens or the association of the fungus with a particular vector. One author describes some suspected fungi transmission such as the pea stem necrosis virus, red clover necrotic mosaic virus, and the tomato bushy stunt virus. Another paper examines the fate of plant viruses in mite vectors and convectors particularly the viruses found in wheat, barley, or brome grass. Agriculturists, botanists, and researchers in the field of botany, conservation, and plant genealogy will find this book useful.

**Aphids as Crop Pests, 2nd Edition** Dec 12 2020 Aphids are among the major global pest groups, causing serious economic damage to many food and commodity crops in most parts of the world. This revision and update of the well-received first edition published ten years ago reflects the expansion of research in genomics, endosymbionts and semiochemicals, as well as the shift from control of aphids with insecticides to a more integrated approach imposed by increasing resistance in the aphids and government restrictions on pesticides. The book remains a comprehensive and up-to-date reference work on the biology of aphids, the various methods of controlling them and the progress of integrated pest management as illustrated by ten case histories.

New Zealand Journal of Zoology Oct 10 2020

Field Crop Arthropod Pests of Economic Importance Jan 31 2020 *Field Crop Arthropod Pests of Economic Importance* presents detailed descriptions of the biology and ecology of important arthropod pest of selected global field crops. Standard management options for insect pest control on crops include biological, non-chemical, and chemical approaches. However, because agricultural crops face a wide range of insect pests throughout the year, it can prove difficult to find a simple solution to insect pest control in many, if not most, cropping systems. A whole-farm or integrated pest management approach combines cultural, natural, and chemical controls to maintain insect pest populations below levels that cause economic damage to the crop. This practice requires accurate species identification and thorough knowledge of the biology and ecology of the target organism. Integration and effective use of various control components is often enhanced when the target organism is correctly identified, and its biology and ecology are known. This book provides a key resource toward that identification and understanding. Students and professionals in agronomy, insect detection and survey, and economic entomology will find the book a valuable learning aid and resource tool. Includes insect synonyms, common names, and geographic distribution Provides information on natural enemies Is thoroughly referenced for future research

**Evolutionary Paleobiology of Behavior and Coevolution** Aug 20 2021 This book is the culmination of many years of research by a scientist renowned for his work in this field. It contains a compilation of the data dealing with the known stratigraphic ranges of varied

behaviors, chiefly animal with a few plant and fungal, and coevolved relations. A significant part of the data consists of "frozen behavior", i.e. those in which an organism has been preserved while actually "doing" something, as contrasted with the interpretations of behavior of an organism deduced from functional morphology, important as the latter may be. The conclusions drawn from this compilation suggest that both behaviors and coevolved relations appear infrequently, following which there is relative fixity of the relation, i.e., two rates of evolution, very rapid and essentially zero. This conclusion complies well with the author's prior conclusion that community evolution followed the same rate pattern. In fact, communities are regarded here, as in large part, expressions of both behavior and coevolved relations, rather than as random aggregates controlled almost wholly by varied, unrelated physical parameters tracked by organisms, i.e., the concept that communities have no biologic reality, being merely statistical abstractions. The book is illustrated throughout with more than 400 photographs and drawings. It will be of interest to ethologists, evolutionists, parasitologists, paleontologists, and palaeobiologists at research and post-graduate levels.

*X-Radiography of Textiles, Dress and Related Objects* Jun 17 2021 X-radiography of textile objects reveals hidden features as well as unexpected components and materials. This non-destructive technique throws light on construction, manufacturing techniques, use, wear, repair, patterns of decay and dating. X-radiography improves artefact documentation and interpretation as well as guiding conservation approaches by enhancing understanding. This book explores techniques for X-raying textiles. It describes approaches to image interpretation and explains how, through digitisation and digital image manipulation, maximum information can be realised. Case studies include archaeological, ecclesiastical and ethnographic textiles, items of dress and accessories, upholstery, quilts, embroideries, dolls and toys. Museum professionals will find this stimulating book an essential guide for developing their own practice or commissioning textile X-radiographs.

**Handbook of Material Culture** Dec 24 2021 The study of material culture is concerned with the relationship between persons and things in the past and in the present, in urban and industrialized and in small-scale societies across the globe. The Handbook of Material Culture provides a critical survey of the theories, concepts, intellectual debates, substantive domains and traditions of study characterizing the analysis of things. It is cutting-edge: rather than simply reviewing the field as it currently exists. It also attempts to chart the future: the manner in which material culture studies may be extended and developed. The Handbook of Material Culture is divided into five sections. • Section I maps material culture studies as a theoretical and conceptual field. • Section II examines the relationship between material forms, the human body and the senses. • Section III focuses on subject-object relations. • Section IV considers things in terms of processes and transformations in terms of production, exchange and consumption, performance and the significance of things over the long-term. • Section V considers the contemporary politics and poetics of displaying, representing and conserving material and the manner in which this impacts on notions of heritage, tradition and identity. The Handbook charts an interdisciplinary field of studies that makes an unique and fundamental contribution to an understanding of what it means to be human. It will be of interest to all who work in the social and historical sciences, from anthropologists and archaeologists to human

geographers to scholars working in heritage, design and cultural studies.

Physical Evidence for Ritual Acts, Sorcery and Witchcraft in Christian Britain Mar 27 2022 This volume investigates the physical evidence for magic in medieval and modern Britain, including ritual mark, concealed objects, amulets, and magical equipment. The contributors are the current experts in each area of the subject, and show between them how ample the evidence is and how important it is for an understanding of history.

**Cosmic Rays 92** Jul 07 2020

*Energy: Management, Supply and Conservation* Oct 29 2019 Energy – its source, security, price, and the efficiency of its use, are increasingly important issues for a diverse range of people. 'Energy: Management, Supply and Conservation' is a comprehensive text dealing with the theory and practice of the supply of energy, energy management and auditing, and the design of sustainable energy facilities. It considers the systems needed to create low-energy, sustainable buildings, including passive solar design, energy-efficient heating and air-conditioning, and combined heat and power. In addition the book includes substantial sections on renewable energy, transport energy, and energy economics. This new edition includes the latest in alternate-energy technology, for example wind turbines and solar panels as well as updating important energy values and statistics. The book's readable style, along with its many figures, tables and worked examples make it an ideal text for courses on energy management, environmental engineering, architectural engineering and building services engineering. It will also be useful as a definitive handbook for professionals in the environmental, construction, utilities and facilities management sectors, as well as being of interest to those involved in sustainability economics and environmental policy making. Clive Beggs is Professor of Medical Technology at the University of Bradford. He is both a mechanical engineer and a biomedical scientist, who for many years has had an interest in ways in which energy is utilized and consumed. He is an expert in the fields of energy management and low energy building design, with many years experience of the design and installation of mechanical services within the construction industry. He is a well known international speaker and is author of many scientific papers on low energy and environmentally friendly building design. He is a holder of the CIBSE Carter Bronze Medal for his work on desiccant cooling.

*Proceedings of the Hawaiian Entomological Society* Nov 22 2021

**TAUP 91** Nov 03 2022 TAUP 91 covers the proceedings of the Second International Workshop on Theoretical and Phenomenological Aspects of Underground Physics, held in Toledo, Spain on September 9-13, 1991. The book focuses on the processes, methodologies, reactions, and transformations involved in underground physics. The selection first offers information on the fundamental issues in particle astrophysics and an overview of the problems related to general cosmology. Topics include connections between particle physics, astrophysics, and cosmology, stellar physics and particles, astrophysical ages, cosmic background radiation, and abundances of light elements. The text also takes a look at big bang nucleosynthesis constraints on new physics and microwave background radiation. The publication ponders on very wide band interferometric gravitational wave antenna and search for stellar gravitational

collapse by macro. The text also examines high energy cosmic neutrinos of acceleration and non-acceleration origin; tests of general relativity and Newtonian gravity at large distances and the dark matter problem; and nuclear form factors for the scattering of neutralinos. The selection is a valuable reference for readers interested in underground physics.

**Feeling Things** May 17 2021 A book about the ways in which humans have been bound affectively to the material world in and over time; how they have made, commissioned, and used objects to facilitate their emotional lives; how they felt about their things; and the ways certain things from the past continue to make people feel today.

**The Aphidoidea (Hemiptera) of Fennoscandia and Denmark** Sep 08 2020 This is the last volume dealing with the aphids of Fennoscandia and Denmark. It treats the remaining species of Aphididae and the family Lachnidae and contains a host plant index and an index to all Latin names of the species treated in all six volumes. Like the first five volumes it contains keys and illustrations.

Everyday Objects Nov 30 2019 This book is about the objects people owned and how they used them. Twenty-three specially written essays investigate the type of things that might have been considered 'everyday objects' in the medieval and early modern periods, and how they help us to understand the daily lives of those individuals for whom few other types of evidence survive - for instance people of lower status and women of all status groups. *Everyday Objects* presents new research by specialists from a range of disciplines to assess what the study of material culture can contribute to our understanding of medieval and early modern societies. Extending and developing key debates in the study of the everyday, the chapters provide analysis of such things as ceramics, illustrated manuscripts, pins, handbells, carved chimneypieces, clothing, drinking vessels, bagpipes, paintings, shoes, religious icons and the built fabric of domestic houses and guild halls. These things are examined in relation to central themes of pre-modern history; for instance gender, identity, space, morality, skill, value, ritual, use, belief, public and private behaviour, continental influence, materiality, emotion, technical innovation, status, competition and social mobility. This book offers both a collection of new research by a diverse range of specialists and a source book of current methodological approaches for the study of pre-modern material culture. The multi-disciplinary analysis of these 'everyday objects' by archaeologists, art historians, literary scholars, historians, conservators and museum practitioners provides a snapshot of current methodological approaches within the humanities. Although analysis of material culture has become an increasingly important aspect of the study of the past, previous research in this area has often remained confined to subject-specific boundaries. This book will therefore be an invaluable resource for researchers and students interested in learning about important new work which demonstrates the potential of material culture study to cut across traditional historiographies and disciplinary boundaries and access the lived experience of individuals in the past.

*New Zealand Journal of Zoology* Jan 25 2022

Quantum Systems: New Trends And Methods - Proceedings Of The International Workshop Jan 13 2021 The purpose of the workshop is to discuss both local and global geometrical and topological effects in quantum systems, in the context of the new methods of investigation. The main topics are: non-perturbative methods in quantum theory; geometrical and topological effects in quantum

dynamics; group-theoretical and algebraic methods in the theory of quantum systems; quantum systems in external fields and curved spaces; new results: from subnuclear physics to cosmology.

**Insect Biodiversity** Jul 31 2022 Volume One of the thoroughly revised and updated guide to the study of biodiversity in insects The second edition of *Insect Biodiversity: Science and Society* brings together in one comprehensive text contributions from leading scientific experts to assess the influence insects have on humankind and the earth's fragile ecosystems. Revised and updated, this new edition includes information on the number of substantial changes to entomology and the study of biodiversity. It includes current research on insect groups, classification, regional diversity, and a wide range of concepts and developing methodologies. The authors examine why insect biodiversity matters and how the rapid evolution of insects is affecting us all. This book explores the wide variety of insect species and their evolutionary relationships. Case studies offer assessments on how insect biodiversity can help meet the needs of a rapidly expanding human population, and also examine the consequences that an increased loss of insect species will have on the world. This important text: Explores the rapidly increasing influence on systematics of genomics and next-generation sequencing Includes developments in the use of DNA barcoding in insect systematics and in the broader study of insect biodiversity, including the detection of cryptic species Discusses the advances in information science that influence the increased capability to gather, manipulate, and analyze biodiversity information Comprises scholarly contributions from leading scientists in the field *Insect Biodiversity: Science and Society* highlights the rapid growth of insect biodiversity research and includes an expanded treatment of the topic that addresses the major insect groups, the zoogeographic regions of biodiversity, and the scope of systematics approaches for handling biodiversity data.

**Conservation Skills** Feb 23 2022 *Conservation Skills* provides an overview of the issues facing conservators of historic and artistic works. It not only describes the nature of conservation but also provides an ethical framework to which the conservation of objects can be related. Drawing on case studies of well-known objects such as the body of Lindow Man and the Statue of Liberty it addresses the following issues: \* perception, judgement and learning \* reasons for preserving the past \* the nature and history of conservation \* conservation ethics \* recording, investigating, cleaning objects \* stabilisation and restoration \* preventive conservation \* decision making and responsibilities.

*Aphids on the World's Herbaceous Plants and Shrubs, 2 Volume Set* May 29 2022 Aphids are well-known as pests of agriculture, horticulture and forestry, but they are also one of the most biologically interesting groups of plant-feeding insects, and thus have attracted the attention of biologists in many research fields such as ecology, biodiversity, physiology, behaviour and genetics. Following the successful format of previous books on the world's aphids by the same authors, these two volumes provide a comprehensive species-by-species account of the aphids on the world's herbaceous plants and shrubs. They can be used not only as an identification guide and information source for entomologists and taxonomists throughout the world, but also as a unique database for studies of biodiversity and insect-plant relationships. In all, 3120 aphid species in 340 genera are covered, feeding on 2150 genera of

host plants. Volume 1 features comprehensive host lists and keys to the aphids colonizing each plant genus. This information is supplemented in Volume 2 by a systematic account of all the aphid species, which provides information on their appearance in life, host range, geographical distribution and life cycles. There are 357 original line drawings, 252 photographs of slide-mounted specimens and 1000 references. *Aphids on the World's Herbaceous Plants and Shrubs* is the culmination of many years of work by two leading specialists and provides an essential research tool and standard reference work for entomologists in universities and research institutes throughout the world.

**The Aphidoidea (Hemiptera) of Fennoscandia and Denmark. V, Family Aphididae, Part 2 of Tribe Macrosiphini of Subfamily Aphidinae** Jun 05 2020 The Macrosiphini of Scandinavia are treated in vol. IV, in the present vol. V and the coming vol. VI, with descriptions and illustrations.

**Medievalism and Modernity** Aug 27 2019 Essays examining the complex intertwining and effect of medievalism on modernity - and vice versa.

*History and Material Culture* Jan 01 2020 Sources are the raw material of History, but whereas the written word has traditionally been seen as the principal source, historians now recognize the value of sources beyond text. In this new edition of *History and Material Culture*, contributors consider a range of objects – from an eighteenth-century bed curtain to a twenty-first-century shopping trolley – which can help historians develop new interpretations and new knowledge about the past. Containing two new chapters on healing objects in East Africa and the shopping trolley in the social world, this book examines a variety of material sources from around the globe and across centuries to assess how such sources can be used to study the distant and the recent past. In a revised introduction, Karen Harvey discusses some of the principal issues raised when historians use material culture, particularly in the context of 'the material turn', and suggests some initial steps for those unfamiliar with these kinds of sources. While the sources are discussed from interdisciplinary perspectives, the emphasis of the book is on what historians stand to gain from using material culture, as well as what historians have to offer the broader study of material culture. Clearly written and accessible, this book is the ideal introduction to the opportunities and challenges of researching material culture, and is essential reading for all students of historical theory and method.

**Advances in Hemipterology** Aug 08 2020 Hemiptera (true bugs, cicadas, leafhoppers, planthoppers, aphids, scale insects, psyllids) are among the most numerous and diverse in morphology, biology, ecology and behavior insect groups, with vital ecosystems. Many of them are important in the base of the food chain. Others have economic significance as pests on fruit trees, vines, greenhouse crops and other agroecosystems. Invasive alien species are the second most important cause of biodiversity loss in Europe and many of them belong to Hemiptera. This special issue of *ZooKeys* includes a collection of 26 papers presented during the 6th European Hemiptera Congress, which was held at Blagoevgrad, Bulgaria from 25th to 29th June 2012. Leading Hemiptera experts from 26 countries in four continents took part at the congress. The discussions were focused on general aspects of Hemiptera studies treating faunistics and biogeography of the Mediterranean Basin and Europe more generally as well as on taxonomy and phylogeny of Cicadomorpha, Fulgoromorpha,

Heteroptera, Aphidoidea and Psylloidea; complex application of ecological, acoustic, genetic, palaeontological and behavioral methods; applied research and pest control. This special issue will be of great value for anyone interested in the biology of Hemiptera in general and of certain groups in particular, stimulating future research on this interesting group of insects.

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