

Pakistan Journal Of Zoology Volume 44 2012

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Mountains, Climate and Biodiversity - Carina

Hoorn 2018-02-22

Mountains, Climate and Biodiversity: A comprehensive and up-to-date synthesis for students and researchers Mountains are topographically complex formations that play a fundamental role in regional and continental-scale climates. They are also cradles to all major river systems and home to unique, and often highly biodiverse and threatened, ecosystems. But how do all these processes tie together to form the patterns of diversity we see today? Written by leading researchers in the fields of geology, biology, climate, and geography, this book explores the relationship between mountain building and climate change, and how these processes shape biodiversity through time and space. In the first two sections, you will learn about the processes, theory, and methods connecting mountain building and biodiversity In the third section, you will read compelling

examples from around the world exploring the links between mountains, climate and biodiversity Throughout the 31 peer-reviewed chapters, a non-technical style and synthetic illustrations make this book accessible to a wide audience A comprehensive glossary summarises the main concepts and terminology Readership: Mountains, Climate and Biodiversity is intended for students and researchers in geosciences, biology and geography. It is specifically compiled for those who are interested in historical biogeography, biodiversity and conservation.

Marine Biodiversity, Climatic Variability and Global Change - Grégory Beaugrand 2014-11-28

Biodiversity loss in terrestrial environments associated with human activities has been appreciated as a major issue for some years now. What is less well documented is the effect of such activities, including climate change, on marine biodiversity. This pioneering book is the first to address this important but neglected topic,

which is likely to be the key challenge for marine scientists in the near future. Using a multidisciplinary and a holistic approach, the book reveals how climatic variability controls biodiversity at time scales ranging from synoptic meteorological events to millions of years and at spatial scales ranging from local sites to the whole ocean. It shows how global change, including anthropogenic climate change, ocean acidification and more direct human influences such as exploitation, pollution and eutrophication may alter biodiversity, ecosystem functioning and regulating and provisioning services. The author proposes a theory termed the 'macroecological theory on the arrangement of life', which explains how biodiversity is organized and how it responds to climatic variability and anthropogenic climate change. The book concludes with recommendations for further research and theoretical development to identify oceanic areas in need of observation and gaps in current scientific knowledge. Many references and comparisons with the terrestrial realm are included in all chapters to better understand the universality of the relationships between biodiversity, climate and the environment. The book will serve as a textbook for all students and researchers of marine science and environmental change, but will also be accessible to the more general reader.

The Archaeology of Darkness - Marion Dowd

2016-05-31

Through time people have lived with darkness. Archaeology shows us that over the whole human journey people have sought out dark places, for burials, for votive deposition and sometimes for retreat or religious ritual away from the wider community. Thirteen papers explore Palaeolithic use of deep caves in Europe and the orientation of mortuary monuments in the Neolithic and Bronze Age. It examines how the senses are affected in caves and monuments that were used for ritual activities, from Bronze Age miners in Wales working in dangerous subterranean settings, to initiands in Italian caves, to a modern caver's experience of spending time in the one of the world's deepest caves in Russia. We see how darkness was and is viewed at northern latitudes where parts of the year are spent in eternal night, and in Easter Island where darkness provided communal refuge from the pervasive sun. We know that spending extended periods in darkness and silence can affect one physically, emotionally and spiritually. How did interactions between people and darkness affect individuals in the past and how were regarded by their communities? And how did this interaction transform places in the landscape? As the ever-increasing electrification of the planet steadily minimizes the amount of darkness in our lives, curiously, darkness is coming more into focus. This first collection of papers on the subject begins a

conversation about the role of darkness in human experience through time.

Dosariyah: An Arabian Neolithic Coastal Community in the Central Gulf - Philipp Drechsler
2018-08-13

Describes the work carried out by the joint German-Saudi Dosariyah Archaeological Research Project (DARP) between 2010 and 2014 at Dosariyah, located in the Eastern Province of Saudi Arabia.

Capsicum - Aman Dekebo 2020-10-14

Capsicum, also known as chili or bell pepper, is one of the most economically important vegetable crops worldwide due to its antioxidant, anti-inflammatory, and anticancer properties. This book provides information on many aspects of this plant, such as its botanical information, nutritional values, bioactive compounds, pharmacology, cultivation, its use in treating diseases, and its applications in the food and pharmaceutical industries.

Last House on the Hill - Mirjana Stevanovic
2012-12-31

Recipient of the Jo Anne Stolaroff Cotsen Prize
Occupied from around 7500 BC to 5700 BC, the large Neolithic and Chalcolithic settlement of Catalhoyuk in Anatolia is composed entirely of domestic buildings; no public buildings have been identified. First excavated in the early 1960s, the site was left untouched until 1993. During the summers of 1997-2003 a team from the

University of California at Berkeley (the BACH team) excavated an area at the northern end of the East Mound of Catalhoyuk. The houses there date predominantly to the late Aceramic and early Ceramic Neolithic, around 7000 BC. Last House on the Hill is the final report of the BACH excavations. This volume comprises both interpretive chapters and empirical data from the excavations and their materials. The research of the BACH team focuses on the lives and life histories of houses and people, the use of digital technologies in documenting and sharing the archaeological process, the senses of place, and the nature of cultural heritage and our public responsibilities.

Community and Global Ecology of Deserts - Levente Hufnagel 2018-10-03

The aim and purpose of our book, Community and Global Ecology of Deserts, is to give an overview and report from the frontiers of desert ecological research. The ecology of deserts as a scientific discipline plays a key role in solving many of global problems due to collective adaptation methods and approaches of lifeforms living in extreme environments. If ecologists or environmental scientists are talking about desert ecological research, then almost everyone is thinking about specific desert flora, fauna, or desertification itself as a consequence of climate change, or sand dune-triggered disasters. In fact, the importance of ecological research in deserts

is far more general and broader. We hope that our book will be interesting and useful for researchers, lecturers, students and anybody interested in this field.

Wool Economy in the Ancient Near East -

Catherine Breniquet 2014-07-31

The history of the Ancient Near East covers a huge chronological frame, from the first pictographic texts of the late 4th millennium to the conquest of Alexander the Great in 333 BC.

During these millennia, different societies developed in a changing landscape where sheep (and their wool) always played an important economic role. The 22 papers presented here explore the place of wool in the ancient economy of the region, where large-scale textile production began during the second half of the 3rd millennium. By placing emphasis on the development of multi-disciplinary methodologies, experimentation and use of archaeological evidence combined with ancient textual sources, the wide-ranging contributions explore a number of key themes. These include: the first uses of wool in textile manufacture and organization of weaving; trade and exchange; the role of wool in institutionalized economies; and the reconstruction of the processes that led to this first form of industry in Antiquity. The numerous archaeological and written sources provide an enormous amount of data on wool, textile crafts, and clothing and these inter-disciplinary studies

are beginning to present a comprehensive picture of the economic and cultural impact of woollen textiles and textile manufacturing on formative ancient societies.

Poems without Poets - Boris Kayachev

2021-03-31

The canon of classical Greek and Latin poetry is built around big names, with Homer and Virgil at the center, but many ancient poems survive without a firm ascription to a known author. This negative category, anonymity, ties together texts as different as, for instance, the orally derived Homeric Hymns and the learned interpolation that is the Helen episode in Aeneid 2, but they all have in common that they have been maltreated in various ways, consciously or through neglect, by generations of readers and scholars, ancient as well as modern. These accumulated layers of obliteration, which can manifest, for instance, in textual distortions or aesthetic condemnation, make it all but impossible to access anonymous poems in their pristine shape and context. The essays collected in this volume attempt, each in its own way, to disentangle the bundles of historically accreted uncertainties and misconceptions that affect individual anonymous texts, including pseudepigrapha ascribed to Homer, Manetho, Virgil, and Tibullus, literary and inscribed epigrams, and unattributed fragments. Poems without Poets will be of interest to students and scholars working on any anonymous

ancient texts, but also to readers seeking an introduction to classical poetry beyond the limits of the established canon.

Indian Insects - S Ramani 2019-10-16

Insects are the most interesting and diverse group of organisms on earth, many of which are useful as pollinators of crops and wild plants while others are useful as natural enemies keeping pestiferous insects in check. It is important to conserve these insects for our survival and for this the diversity of insect species inhabiting the different ecosystems of our country must be known. The cornerstone to studies of any kind of organismal diversity is their taxonomic identity. Even after over two and half centuries of studies, so little is known of the insect wealth of our country. It has contributions from taxonomists who have been studying Indian insects for long, this book offers up to date information on many important groups of Indian insects seeking to fill the lacuna of a long felt need for a comprehensive work on the taxonomy of Indian insects. Salient features: Provides an up-to-date taxonomy of major insect groups of India Presents identification keys with illustrations of several important groups of Indian insects Gives a new insight into why insects are so abundant Addresses fundamental questions in mechanoreception and cross kingdom interactions using insects as model systems Indian Insects: Diversity and Science is a festschrift to Professor

C. A. Viraktamath, an insect taxonomist par excellence. It has been designed to cater to the needs of academicians, researchers and students who wish to identify insects collected from local environments and will be an invaluable aid for those working in the areas of systematics, ecology, behaviour, diversity and the conservation of insects.

Pakistan Bibliography of Agriculture - 1983

The Agora Bone Well - Maria A. Liston 2018

Located outside the northwest corner of the Athenian Agora and dating to the second quarter of the 2nd century B.C., the Agora Bone Well contained the remains of roughly 460 newborn infants, as well as a few older individuals. Also found in the well were the bones of almost 150 dogs and other animals, plus various artifacts. In addition to a thorou

Field Crop Arthropod Pests of Economic

Importance - Peter A. Edde 2021-08-21

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

Roving Mariners - Lynette Russell 2012-11-01

A comprehensive history of Australian Aboriginal whaling and sealing. For most Australian Aboriginal people, the impact of colonialism was blunt—dispossession, dislocation, disease, murder, and missionization. Yet there is another story of Australian history that has remained untold, a story of enterprise and entrepreneurship, of Aboriginal people seizing the opportunity to profit from life at sea as whalers and sealers. In some cases participation was voluntary; in others

it was more invidious and involved kidnapping and trade in women. In many cases, the individuals maintained and exercised a degree of personal autonomy and agency within their new circumstances. This book explores some of their lives and adventures by analyzing archival records of maritime industry, captains' logs, ships' records, and the journals of the sailors themselves, among other artifacts. Much of what is known about this period comes from the writings of Herman Melville, and in this book Melville's whaling novels act as a prism through which relations aboard ships are understood. Drawing on both history and literature, *Roving Mariners* provides a comprehensive history of Australian Aboriginal whaling and sealing. Lynette Russell is an Australian Research Council Professorial Fellow and Director of the Monash Indigenous Centre at Monash University. She has written several books, including *Appropriated Pasts: Indigenous Peoples and the Colonial Culture of Archaeology* (with Ian J. McNiven) and *Savage Imaginings: Historical and Contemporary Constructions of Australian Aboriginalities*.
Braconidae of the Middle East (Hymenoptera) - Neveen S. Gadallah 2022-05-24
Braconidae of the Middle East (Hymenoptera): Taxonomy, Distribution, Biology, and Biocontrol Benefits of Parasitoid Wasps provides the latest and most comprehensive knowledge of parasitoid wasp species. The highest concentration of these

species is native to, or found in, the Middle East. This book covers the distribution of these species across the Palearctic region and their widespread global benefits as natural biocontrol agents. Each chapter covers a braconid subfamily, providing introductory information on its biology and phylogeny, total number of species, global distribution, and how they can be used to control pests and invasive insect species. In addition, this book discusses the importance of integrated pest management, specifically how Braconidae can be used for one-time or repeated introduction to natural enemies in suppressing pest populations. Finally, each chapter offers an illustrative key for readers to visualize and identify each species. Offers braconid taxonomy, biology, phylogeny and host-parasitoid relationships Provides illustrated identification keys to visualize and identify each species Includes global distribution of braconids in other regions Discusses braconid benefits as natural biocontrol agents

Recent Advances in Freshwater Crustacean Biodiversity and Conservation - Tadashi Kawai
2021-03-08

Recent Advances in Freshwater Crustacean Biodiversity and Conservation focuses on minor crustacean groups and regionally endemic groups, all from freshwaters. Chapters in this book cover crustaceans such as Maxillopods, Mysids, Cumaceans, Isopods, Amphipods, Branchiopods, Copepods, and Decapods. Each

looks at global or regional fauna and discusses conservation issues for that group. The majority of the chapters are based on papers presented at symposia organized by the editors at two international scientific meetings held in Barcelona and Washington DC. The contributors are world-renowned experts on their groups, as well as on freshwater crustacean conservation and biodiversity at global levels. It has previously been difficult for conservation managers, NGOs, and university professors and students who may not have access to comprehensive journal subscriptions to find relevant information on diversity and conservation of freshwater crustaceans. This book meets that need, addressing crustacean groups not previously treated and providing additional information beyond any presented in existing books. As the editors write in their introduction: we cannot conserve and we cannot protect what we do not know exists. This is a reliable, cutting-edge reference for anybody involved in crustacean research: students, researchers, agencies, and NGOs, as well as science educators, conservationists, and government conservation policymakers. The book will also be useful for those working in aquaculture and fisheries, given that many of the taxa discussed are economically important.

Fish Parasites of Lake Kenyir, Peninsular Malaysia - Faizah Shaharom 2012

Dienerian (Early Triassic) ammonoids from the Northern Indian Margin - David Ware 2019-01-16

Fossils and Strata is an international series of monographs and memoirs in palaeontology and biostratigraphy, owned by, and published on behalf of, The Lethaia Foundation in cooperation between the Scandinavian countries. Fossils and Strata forms part of the same structured publishing programme as the international journal Lethaia and provides a complementary outlet for more comprehensive systematic and regional monographs, including taxonomic descriptions. Fossils and Strata also offers the publication of thematic special issues comprising a series of shorter contributions.

Mason's World Dictionary of Livestock Breeds, Types and Varieties, 6th Edition - Valerie Porter 2020-05-26

Mason's World Dictionary of Livestock Breeds, Types and Varieties, now in its sixth edition, has a long history as a reliable and authoritative source of key livestock breed information. Intended as a list of livestock names and synonyms for breeds, groups, types and varieties worldwide, the dictionary aims to include all names found in the literature, 'defining' each breed or type with a brief indication of identifying characteristics, uses and source of origin.

How Giraffes Work - Graham Mitchell 2021-07-02

There are few creatures more beautiful, aloof, and fascinating than giraffes. Their social and

ecological impact has been documented by many researchers. However, the inner workings of extant giraffes are less well known. That is why Graham Mitchell decided to write *How Giraffes Work*: a comprehensive overview of the anatomy, physiology, and biochemistry--in short, the normal functions--of a free-living, wild animal in its natural environment. A zoologist, veterinarian, and physiologist, Mitchell explains how giraffes get through their day. Additionally, he takes readers through the evolution of their physical characteristics, such as their size, shape, and coat markings. His approach integrates history with the physiology, anatomy, biochemistry, behavior, evolution, genetics, ecology, climate science, and more. Each chapter follows the discovery and utility of a different characteristic of giraffes. Illustrated with over two hundred figures and diagrams, the book explains how giraffes might have evolved and survived over many millions of years as well as how our perception of them has changed throughout history. So, how do giraffes work? The answers lie in a story filled not only with the details of their internal working but also with the labors of the extraordinary scientists who have put so many pieces of this puzzle together.

Marine & Freshwater Research - 2014

Integrated Nematode Management - Richard A. Sikora 2021

"This book reviews in a systematic crop by crop approach the state-of-the-art management strategies that have been developed to reduce nematode impact, and outlines their limitations"--

Advances in Bioprocess Technology - Pogaku Ravindra 2015-08-13

This book provides an extensive overview of the latest research in environmentally benign integrated bioprocess technology. The cutting edge bioprocess technologies highlighted in the book include bioenergy from lignocellulose materials, biomass gasification, ethanol, butanol, biodiesel from agro waste, enzymatic bioprocess technology, food fermentation with starter cultures, and intellectual property rights for bioprocesses. This book further addresses niche technologies in bioprocesses that broadens readers' understanding of downstream processing for bio products and membrane technology for bioprocesses. The latest developments in biomass and bioenergy technology are reviewed exhaustively, including IPR rights, nanotechnology for bioenergy products, biomass gasification, and biomass combustion. This is an ideal book for scientists, engineers, students, as well as members of industry and policy-makers. This book also: Addresses cutting-edge technologies in bioprocesses Broadens readers' understanding of metabolic engineering, downstream processing for bioproducts, and membrane technology for bioprocesses Reviews exhaustively the latest

developments in biomass and bioenergy technology, including nanotechnology for bioenergy products, biomass gasification, biomass combustion, and more

Archaeozoology of the Near East - Marjan Mashkour 2017-02-28

This two part volume brings together over 60 specialists to present 31 papers on the latest research into archaeozoology of the Near East. The papers are wide-ranging in terms of period and geographical coverage: from Palaeolithic rock shelter assemblages in Syria to Byzantine remains in Palestine and from the Caucasus to Cyprus. Papers are grouped into thematic sections examining patterns of Palaeolithic and Neolithic subsistence in northern Mesopotamia, Anatolia and the Iranian plateau; Palaeolithic to Neolithic faunal remains from Armenia; animal exploitation in Bronze Age urban sites; new evidence concerning pastoralism, nomadism and mobility; aspects of domestication and animal exploitation in the Arabian peninsula; several case studies on ritual animal deposits; and specific analyses of patterns of animal exploitation at urban sites in Turkey, Palestine and Jordan. This important collection of significant new work builds on the well-established foundation of previous ICAZ publications to present the very latest results of archaeozoological research in the prehistory of this formative region in the development of animal

exploitation.

Canids of the World - José R. Castelló

2018-09-11

The most complete and user-friendly photographic field guide to the world's canids
This stunningly illustrated and easy-to-use field guide covers every species of the world's canids, from the Gray Wolf of North America to the dholes of Asia, from African jackals to the South American Bush Dog. It features more than 150 superb color plates depicting every kind of canid and detailed facing-page species accounts that describe key identification features, morphology, distribution, subspeciation, habitat, and conservation status in the wild. The book also includes distribution maps and tips on where to observe each species, making *Canids of the World* the most comprehensive and user-friendly guide to these intriguing and spectacular mammals. Covers every species and subspecies of canid
Features more than 150 color plates with more than 600 photos from around the globe
Depicts species in similar poses for quick and easy comparisons
Describes key identification features, habitat, behavior, reproduction, and much more
Draws on the latest taxonomic research
Includes distribution maps and tips on where to observe each species
The ideal field companion and a delight for armchair naturalists
Digenetic Trematodes of Indian Marine Fishes - Rokkam Madhavi 2018-09-26

This book is the first to explore in detail the systematics and taxonomy of the digenean fauna of fish in Indian marine waters. It includes morphological descriptions of 648 species in 190 genera and 30 families. The figures from the original publications are enhanced and made more attractive. Each description is accompanied by information on hosts and distribution. Digenetic trematodes, usually known as Digeneans, are the most diverse group of metazoan parasites of marine fishes. They are parasitic flatworms (Phylum Platyhelminthes) with a complex life-cycle and as adults inhabit mainly the alimentary system and associated organs, but also occur in the blood, under the scales, in the body cavity and in the gall and urinary bladders. Keys to families, genera and species are provided, except for a few large and controversial genera, where morphological characters are insufficient for identification. Although there is extensive literature on Digeneans, it is scattered and largely in obscure local journals. Bringing together most of the primary literature on the subject, this book provides a primer for further study and a starting point for the use of modern molecular methods for the fauna of this region. Unique in its scope, it is a valuable resource for students, professional parasitologists and ecologists as well as fishery and wildlife biologists.

Lagomorphs - Andrew T. Smith 2018-01-01

The definitive guide to all lagomorphs—pikas,

rabbits, and hares. Numbering 92 species worldwide, members of the order Lagomorpha are familiar to people throughout the world, and yet their remarkable diversity and ecological importance are often underappreciated. In this book, Andrew T. Smith and his colleagues bring together the world's lagomorph experts to produce the most comprehensive reference on the order ever published, featuring detailed species accounts, stunning color photos, and up-to-date range maps. Contributors highlight the key ecological roles that lagomorphs play and explain in depth how scientists around the globe are working to save vulnerable populations. Thematic introductory chapters cover a broad spectrum of information about pikas, rabbits, and hares, from evolution and systematics to diseases and conservation. Each animal account begins with the complete scientific and common names for the species, followed by a detailed description of appearance and unique morphological characteristics, including a range of standard measurements of adult specimens. Subsequent sections discuss known paleontological data concerning the species, the current state of its taxonomy, and geographic variation. Each account also includes dedicated sections on habitat and diet, reproduction and development, ecology, behavior, and management. The definitive work on lagomorphs, this book is an invaluable reference for naturalists, professional

biologists, and students. It will also be beneficial for those conducting biodiversity surveys and conservation throughout the world.

Handbook of Metal-Microbe Interactions and Bioremediation - Surajit Das 2017-04-07

Around the World, metal pollution is a major problem. Conventional practices of toxic metal removal can be ineffective and/or expensive, delaying and exacerbating the crisis. Those communities dealing with contamination must be aware of the fundamental advances of microbe-mediated metal removal practices because these methods can be easily used and require less remedial intervention. This book describes innovations and efficient applications for metal bioremediation for environments polluted by metal contaminants.

The Dyer's Handbook - Dominique Cardon 2016-08-31

Persian blue, pomegranate flower, spiny lobster, wine soup, pale flesh, dove breast, golden wax, grass green, green sand, rotten olive, modest plum, agate, rich French gray, gunpowder of the English.....just some of the colour names of old fabric to fire the imagination. Memoirs on Dyeing concerns a unique manuscript from the eighteenth century; a dyers memoirs from Languedoc, containing recipes for dyes with corresponding colour samples. It is an exceptional document, hugely rare and of great significance not only to textile historians but dyers and

colourists today, as thanks to the information in the manuscript the colours can be reproduced exactly, with the same ingredients, or reproduced using modern techniques by matching the colour samples. To the English translation of the text, together with facsimile pages reproduced in colour from the original manuscript, are added essays meant to situate it in its historical, economic and technological contexts. For those historians who have long been fascinated by the change in scale and the amount of innovation that occurred in woollen cloth production in Europe during the 17th and 18th centuries, the *Memoirs on Dyeing* bring first-hand insight into the daily preoccupations and tasks of a key actor in the success story of the Languedocian broadcloth production specially devised for export to the Levant. Even non-specialists may be interested in understanding the clever management and technical organisation that made it possible for the author to produce, dye, finish, pack and export up to 1,375 pieces of superfine broadcloth per year, representing nearly 51 km of cloth.

Handbook of Invasive Plant-Parasitic Nematodes -
Ziaul Haque 2021-09-01

Plant parasitic nematodes are major pests of agricultural crops and cause huge monetary losses. There is a very high risk of spread of plant-parasitic nematodes from one country to another, with the movement of plants and planting

materials such as seeds, bulbs, corms, suckers, tubers, rhizomes, rooted plants, nursery stock and cut flowers. In view of the large quantities and the wide variety of materials being imported and exported, it is important to assess the status of invasive nematodes and their quarantine importance in relation to agricultural trade. This book contains information on around 100 invasive nematodes and their potential threat in different countries. Each nematode entry includes information on authentic identification, geographical distribution, risk of introduction, host ranges, symptoms, biology, ecology, planting material liable to carry the nematode(s), nematode vectors, chance of establishment, likely impact, and phytosanitary measures. There are detailed accounts of diagnosis procedures including sampling, isolation, detection and identification of nematodes based on morphological and molecular characters. The book offers a global perspective on invasive plant-parasitic nematodes and useful for practitioners, professionals, scientists, researchers, students, and government officials working in plant quarantine and biosecurity.

International Journal of Advanced Remote Sensing and GIS - Cloud Publications 2012-01-01

International Journal of Advanced Remote Sensing and GIS (IJARSG, ISSN 2320 – 0243) is an open-access peer-reviewed scholarly journal publishes original research papers, reviews, case

study, case reports, and methodology articles in all aspects of Remote Sensing and GIS including associated fields. This Journal commits to working for quality and transparency in its publishing by following standard Publication Ethics and Policies.

Yearbook of International Organizations 2014-2015, Volumes 1A And 1B (SET) - Union of International Associations 2014-06-16
Volume 1 (A and B) covers international organizations throughout the world, comprising their aims, activities and events.

Marine Decapod Crustacea - Gary C.B. Poore 2023-01-23
Decapod crustaceans, shrimps, crabs, prawns and their allies are highly visible and important members of marine environments. They are among the most charismatic of marine animals, inhabiting beaches, rocky shores and the deep sea, hiding under stones, burrowing in the sediment and nestling in among algae and many other microhabitats. However, most are difficult to identify by the specialist and amateur naturalist alike. *Marine Decapod Crustacea* explains the anatomical features necessary for differentiating taxa and includes diagnoses and identification keys to all 189 families and 2121 genera of marine Decapoda. Many decapods have vivid colours, which are showcased in a selection of spectacular photographs of many representative species. This volume provides an entry to the

literature for taxonomists, naturalists, consultants, ecologists, teachers and students wanting to identify local faunas and understand this diverse group

A Complete Guide to Maggot Therapy - Frank Stadler 2022-07-20

Since the revival of maggot therapy in Western wound care approximately thirty years ago, there has been no comprehensive synthesis of what is known about its clinical practice, supply chain management, and social dimensions. This edited volume fills the information vacuum and, importantly, makes the current state of knowledge freely accessible. It is the first to provide sound, evidence-based information and guidance covering the entire supply chain from production to treatment. The chapters are arranged in five parts presenting the latest on clinical practice, the principles of therapeutic action, medicinal maggot production, distribution logistics, and the ethical dimensions of maggot therapy. The contributors have paid particular attention to the challenges encountered in compromised, low-resource healthcare settings such as disasters, conflict, and poverty. There are still many barriers to the widespread uptake of maggot therapy in healthcare settings. This book will be essential reading for a global audience of doctors, nurses, allied healthcare providers, students, and entrepreneurs with an interest in maggot-assisted wound care. It will be the go-to reference for

those who plan, regulate, and coordinate healthcare, and want to establish a maggot therapy program, particularly in low- and middle-income and other compromised healthcare settings where maggot therapy can provide much-needed, affordable, and efficacious wound care.

Sustainable Pest Management in Date Palm: Current Status and Emerging Challenges - Waqas Wakil 2015-12-21

Date palm, *Phoenix dactylifera* L. (Arecales: *Arecaceae*), is an important palm species cultivated in the arid regions of the world since pre-historic times and traditionally associated with the life and culture of the people in the Middle-East and North Africa which are the pre-dominant date palm growing regions worldwide. The Food and Agriculture Organization of the UN estimates that there are over 100 million date palms with an annual production of over 7.5 million tonnes. A recent report on the arthropod fauna of date palm, enlists 112 species of insects and mites associated with date palm worldwide including 22 species attacking stored dates. Enhanced monoculture of date palm in several date palm growing countries coupled with climate change, unrestrained use of chemical insecticides and extensive international trade is likely to impact the pest complex and the related natural enemies in the date agro-ecosystems. In view of the importance of date palm as an emerging crop of the future and the need to develop and deploy

ecologically sound and socially acceptable IPM techniques, this book aims to comprehensively address issues related to the biology and sustainable management of major insect and mite pests of date palm by assessing the current IPM strategies available, besides addressing emerging challenges and future research priorities. The issues pertaining to the role of semiochemicals in date palm IPM involving new strategies revolving around “attract and kill” and “push-pull” technologies, phytoplasmas and their insect vectors with implications for date palm, innovative methods for managing storage pests of dates and knowledge gaps in devising sustainable strategies for the management of red palm weevil, *Rhynchophorus ferrugineus* (Olivier) are also addressed

Woven Threads - Maria Shaw 2015-12-31

Woven textiles are produced by nearly all human societies. This volume investigates evidence for patterned textiles (that is, textiles woven with elaborate designs) that were produced by two early Mediterranean civilizations: the Minoans of Crete and the Mycenaeans of mainland Greece, that prospered during the Aegean Bronze Age, c. 3000–1200 BC, contemporary with Pharaonic Egypt. Both could boast of specialists in textile production. Together with their wine, oil, and art, Minoan and Mycenaean textiles were much desired as trade goods. Artistic images of their fabrics preserved both in the Aegean and in other

parts of the Mediterranean show elaborate patterns woven with rich decorative detail and color. Only a few small scraps of textiles survive but evidence for their production is abundant and frescoes supply detailed information about a wide variety of now-lost textile goods from luxurious costumes and beautifully patterned wall hangings and carpets, to more utilitarian decorated fabrics. A review of surviving artistic and archaeological evidence indicates that textiles played essential practical and social roles in both Minoan and Mycenaean societies.

The Tree Experts - Mark Johnston 2021-08-31

Trees are now in the public eye as never before. The threat of tree diseases, the felling of street trees, and the challenge of climate change are just some of the issues that have put trees in the media spotlight. At the same time, the trees in our parks, gardens, and streets are a vital resource that can deliver environmental, social, and economic benefits that make our towns and cities attractive, green, and healthy places. Ever since Roman times when amenity trees were first planted in Britain, caring for those trees has required specialist skills. This is mainly because of the challenges of successfully integrating large trees into the urban environment and the risks involved in working with them, often at height and in close proximity to people, buildings and roads. But who are the people with the specialist expertise to care for our amenity trees? While

professionals such as horticulturists, landscape architects, conservationists and foresters have a role to play, it is the arboriculturists who are the 'tree experts'. For centuries arboriculture was often synonymous with forestry or considered an aspect of horticulture, until it emerged in the nineteenth century as a separate discipline. There are now some 22,000 people employed in Britain's arboricultural industry, including practical tree surgeons and arborists, local authority tree officers, and arboricultural consultants. This is the first book to trace the history of Britain's professional tree experts, from the Roman arborator to the modern chartered arboriculturist. It also discusses the influences from continental Europe and North America that have helped to shape British arboriculture over the centuries. The *Tree Experts* will have particular appeal to those interested in the natural and built environment, heritage landscapes, social history, and the history of gardening.

The Origin of Higher Taxa - T. S. Kemp 2016

This text discusses whether the origin of radically new kinds of organisms - new higher taxa - are the result of normal Darwinian evolution proceeding, or whether unusual genetic processes and/or special environmental circumstances are necessary.

Growing Up in the Ice Age - April Nowell
2021-06-30

It is estimated that in prehistoric societies children

comprised at least forty to sixty-five percent of the population, yet by default, our ancestral landscapes are peopled by adults who hunt, gather, fish, knap tools and make art. But these adults were also parents, grandparents, aunts and uncles (however they would have codified these kin relationships) who had to make space physically, emotionally, intellectually, and cognitively for the infants, children and adolescents around them. The economic, social, and political roles of Paleolithic children are often understudied because they are assumed to be unknowable or negligible. Drawing on the most recent data from the cognitive sciences and from the ethnographic, fossil, archaeological, and primate records, *Growing Up in the Ice Age* challenges these assumptions. This volume is a timely and evidence-based look at the lived lives of Paleolithic children and the communities of which they were a part. By rendering the

“invisible” children visible, readers will gain a new understanding not only of the contributions that children have made to the biological and cultural entities we are today but also of the Paleolithic period as whole.

Biocontrol Agents of Phytonematodes - Tarique Hassan Askary 2015-06-29

Highlighting the use of biocontrol agents as an alternative to chemical pesticides in the management of plant parasitic nematodes, this book reviews the current progress and developments in the field. Tactful and successful exploitation of each biocontrol agent, i.e. nematophagous fungi, parasitic bacteria, predaceous mites, rhizobacteria, mycorrhiza and predaceous nematodes, has been described separately. The contributors are 23 eminent nematologists and their information has been compiled in 19 chapters.