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The stingless bees are one of the most diverse, attractive, fascinating, conspicuous and useful of all the insect groups of the tropical world. This is a formidable and contentious claim but I believe it can be backed up. They are fifty times more species rich than the honey bees, the other tribe of highly eusocial bees. They are ubiquitous in the tropics and thrive in tropical cities. In rural areas, they nest in a diversity of sites and are found on the flowers of a broad diversity of crop plants. Their role in natural systems is barely studied but they almost certainly deserve that hallowed title of keystone species. They are popular with the general public and are greatly appreciated in zoos and gardens. The chapters of this book provide abundant further evidence of the ecological and economic importance of stingless bees. Explains how to get accustomed to the Windows XP operating system and master its features, covering topics such as using menus and control panels, networking multiple PCs, and finding lost files. This book covers all aspects of research into the welfare of dairy, veal and beef cattle, covering behavior, nutrition and feeding, housing and management, stockmanship, and stress physiology, as well as transport and slaughter. It also offers a detailed and critical analysis of the main indicators of animal welfare and covers the main threats to animal welfare in modern cattle production systems. The Guimarães

coal mine in central Portugal is the most important fossil locality in the world for Late Jurassic mammals and other small vertebrates. From 1973 to 1982 the mine was worked exclusively for paleontological purposes all year round, which represents one of the most ambitious enterprises in the history of paleontology. Tens of thousands of skulls, jaws, bones, and teeth of terrestrial and aquatic vertebrates and countless invertebrate and plant remains were collected. A great international sensation was created by the discovery of the first complete skeleton of an ancestor of modern mammals. Twenty specialists from geo- and biosciences summarize in 21 chapters the latest findings of more than 30 years of interdisciplinary research on the Guimarota locality. The book deals with the history of discovery, excavations, geology, stratigraphy, paleobiology, and paleoecology of the fossil locality. It is illustrated with many large size colour prints and provides an exciting insight into a Late Jurassic ecosystem at the eastern shore of the Proto-North Atlantic, at a time when giant dinosaurs ruled the world and tiny mammals had just begun their careers. The book will be of interest not only to paleontologists and geologists, but also to students and scholars of the bio- and geosciences. It should also be welcomed by a more general public interested in palaeontology, geology, and evolution.

The cropping system is one of the important components of sustainable agriculture, since it provides more efficient nutrient cycling. As such, balanced fertilization must be based on the concept of sustainable crop production. Feeding the rapidly growing world population using environmentally sustainable production systems is a major challenge, especially in developing countries. A number of studies have highlighted the fact that degradation of the world's cultivated soils is largely responsible for low and plateauing yields. Soil is lost rapidly but only formed over millennia, and this represents the greatest global threat to nutrient dynamics in agriculture. This means that nutrient management is essential to provide food and nutritional security for current and future generations. Nutrient dynamics and soil sustainability imply the maintenance of the desired ecological balance,

the enhancement and preservation of soil functions, and the protection of biodiversity above and below ground. Understanding the role of nutrient management as a tool for soil sustainability and nutritional security requires a holistic approach to a wide range of soil parameters (biological, physical, and chemical) to assess the soil functions and nutrient dynamics of a crop management system within the desired timescale. Further, best nutrient management approaches are important to advance soil sustainability and food and nutritional security without compromising the soil quality and productive potential. Sustainable management practices must allow environmentally and economically sustainable yields and restore soil health and sustainability. This book presents soil management approaches that can provide a wide range of benefits, including improved fertility, with a focus on the importance of nutrient dynamics. Discussing the broad impacts of nutrients cycling on the sustainability of soil and the cropping systems that it supports, it also addresses nutrient application to allow environmentally and economically sustainable agroecosystems that restore soil health. Arguing that balanced fertilization must be based on the concept of INM for a cropping system rather than a crop, it provides a roadmap to nutrient management for sustainability. This richly illustrated book features tables, figures and photographs and includes extensive up-to-date references, making it a valuable resource for policymakers and researchers, as well as undergraduate and graduate students of Soil Science, Agronomy, Ecology and Environmental Sciences. Jones's *Icones* contains finely delineated paintings of more than 760 species of Lepidoptera, many of which it described for the first time, marking a critical moment in the study of natural history. With *Iconotypes* Jones's seminal work is published for the first time, accompanied by expert commentary and contextual essays, and featuring annotated maps showing the location of each species. Jones painted the species between the early 1780s and 1800, drawing from his own collection and the collections of Joseph Banks, Dru Drury, Sir James Edward Smith, John Francillon, the British Museum and the Linnean Society. For every specimen

painting he provided a species name, the collection from which it was taken and the geographical location in which it was found. In 1787, during a visit to London, the Danish scientist Johann Christian Fabricius studied Jones's paintings and based 231 species of butterfly and moths on them. In this enhanced facsimile, Jones's references to historic references are clarified and modern taxonomic names are provided, together with notes on which paintings serve as iconotypes. Contextual commentary by specialist entomologist Richard I. Vane-Wright gives an account of Jones's life and his motivation for collecting butterflies and creating the *Icones*, and evaluates the significance of his work. Interspersed at intervals between the pages of Jones's paintings are modern maps showing the location of each species painted, and expert essays on the development of lepidoptery and taxonomy after Linneaus, and the roles of collectors and natural history artists from the late 1700s to mid-1800s. With 1600 illustrations in colour

In partnership with Oxford University Museum of Natural History

In this e-book, career expert, Miriam Salpeter, illustrates the full potential of social networking. Learn how to create and promote an online brand, achieve your career goals, and make yourself indispensable in your field. The book includes expert advice from more than 100 professionals and even gives tips for maintaining a blog.

*Unhinged: Exposing Liberals Gone Wild* is Michelle Malkin's unrestrained and uncensored exposé of hate-mongering Leftists. With wit, wisdom, and a bullet-proof vest, Malkin ruthlessly and raucously skewers the myths of liberal tolerance, peace, and civility while responding to the incendiary insults and vile slurs directed at her and other conservatives. With infuriating details that are not for the faint of heart, Malkin chronicles the bizarre world of foaming-at-the-mouth Leftists in their natural habitats: the mainstream media, academia, Hollywood, and Washington. Financial collapses—whether of the junk bond market, the Internet bubble, or the highly leveraged housing market—are often explained as the inevitable result of market cycles: What goes up must come down. In *Liquidated*, Karen Ho punctures the aura of the abstract, all-powerful market to show how financial markets,

and particularly booms and busts, are constructed. Through an in-depth investigation into the everyday experiences and ideologies of Wall Street investment bankers, Ho describes how a financially dominant but highly unstable market system is understood, justified, and produced through the restructuring of corporations and the larger economy. Ho, who worked at an investment bank herself, argues that bankers' approaches to financial markets and corporate America are inseparable from the structures and strategies of their workplaces. Her ethnographic analysis of those workplaces is filled with the voices of stressed first-year associates, overworked and alienated analysts, undergraduates eager to be hired, and seasoned managing directors. Recruited from elite universities as "the best and the brightest," investment bankers are socialized into a world of high risk and high reward. They are paid handsomely, with the understanding that they may be let go at any time. Their workplace culture and networks of privilege create the perception that job insecurity builds character, and employee liquidity results in smart, efficient business. Based on this culture of liquidity and compensation practices tied to profligate deal-making, Wall Street investment bankers reshape corporate America in their own image. Their mission is the creation of shareholder value, but Ho demonstrates that their practices and assumptions often produce crises instead. By connecting the values and actions of investment bankers to the construction of markets and the restructuring of U.S. corporations, *Liquidated* reveals the particular culture of Wall Street often obscured by triumphalist readings of capitalist globalization. "There is an apocryphal story of an eminent neurology professor who was asked to provide a differential diagnosis. He allegedly quipped: "I can't give you a differential diagnosis. If you wish I will give you a list of wrong diagnoses followed by the right diagnosis." Sadly, this sort of arrogance pervaded our field, particularly in the era before there were accurate diagnostic methods and effective treatments of neurological diseases. Fortunately, this sort of pomposity is now relegated to the past and remains only as an antique reminder of a type of hubris that precluded discovery and progress in diseases of the nervous system"--

"This book is intended to introduce managers or subject matter experts outside of information technology (IT) to the concepts behind virtualization technology, the different categories of virtualization, and how they are used."--Preface, p. vii. After more than a century of research, an enormous body of scientific literature in the field of El Argar studies has been generated, comprising some 700 bibliographic items. No fully-updated synthesis of the literature is available at the moment; recent works deal only with specific characteristics of Argaric societies or some of the regions where their influence spread. The *Archaeology of Bronze Age Iberia* offers a much-needed, comprehensive overview of Argaric Bronze Age societies, based on state-of-the-art research. In addition to expounding on recent insights in such areas as Argaric origin and expansion, social practices, and socio-politics, the book offers reflections on current issues in the field, from questions concerning the genealogy of discourses on the subject, to matters related to professional practices. The book discusses the values and interests guiding the evolution of El Argar studies, while critically reexamining its history. Scholars and researchers in the fields of Prehistory and Archaeology will find this volume highly useful.

The prevalence of urinary tract diseases and disorders in small animal practice is higher than ever. The 2nd edition of *Canine and Feline Nephrology and Urology* makes it easy to find the information you need to accurately diagnose and manage diseases and disorders of the urinary tract in dogs and cats. Its concise outline format features practical clinical content, line drawings that clearly illustrate the initiation and progression of disease, photographs that demonstrate the clinical appearance of various lesions, and tables and boxes that offer essential information at a glance. Expert authors Dennis J. Chew, Stephen P. DiBartola, and Patricia Schenck keep you current with revised and brand-new content based upon the latest studies and evidence-based medicine, helping you prevent and most effectively manage kidney, bladder, and related conditions. Outline format with concise, clinically focused content helps you quickly and easily find the information you need to accurately diagnose and effectively manage



urinary tract diseases and disorders. Practical clinical tips and guidelines including algorithms, FAQs, and case management recommendations. Special boxes highlight key information at a glance. Concise, need-to-know information about renal and lower urinary tract pathophysiology provides essential background for clinical application. Evidence-based coverage of hot topics such as the relationship between behavioral stressors and urinary tract disease, treatments for idiopathic cystitis, and dietary modifications for the prevention and treatment of urinary tract problems helps you provide the latest and best care for your patients. Global health and the increasing incidence of various diseases are a cause for concern, and doctors and scientists reason that the diet, food habits and lifestyle are contributing factors. Processed food has reduced the nutritional value of our diet, and although supplementing foods with various additives is considered an alternative, the long-term impact of this is not known. Many laboratories around the world are working to identify various nutritional components in our daily food and their effect on human health. These have been classified as Nutraceuticals or functional food, and they may have preventive and therapeutic effects in a number of pathologies associated with modern dietary habits and lifestyles. This book addresses various aspects of this issue, revitalizing the discussion and consolidating the latest research on nutritional and functional food and their effects in in-vitro, in-vivo and human clinical studies. The first major reference work that addresses the specific emotional and behavioral problems of girls Provides an integrative, conceptual framework in which to understand and address the needs of girls - that is, then handbook examines not only the most current theories and research on girls but also addresses real-world potential for assessment, treatment, and prevention Examines a wide variety of behavioral and emotional problems confronting girls, including mood and anxiety disorders; eating and body image disorders; ADHD, PDDs, LDs, and mental retardation; aggression and delinquency; physical abuse; sexual abuse, and neglect; abuse and violence in dating relationships; substance abuse and homelessness; and gender-identity

disorder Since its origin in the early 1980s, developmental psychopathology has become one of the most significant frameworks for child clinical psychology. This volume of essays explores this framework from an integrative Christian viewpoint, combining theory, empirical research and theology to explore a holistic understanding of children's development. Tropical and subtropical fruits are popular products, but are often highly perishable and need to be transported long distances for sale. The four volumes of Postharvest biology and technology of tropical fruits review essential aspects of postharvest biology, postharvest technologies, handling and processing technologies for both well-known and lesser-known fruits. Volume 1 contains chapters on general topics and issues, while Volumes 2, 3 and 4 contain chapters focused on individual fruits, organised alphabetically. Volume 1 provides an overview of key factors associated with the postharvest quality of tropical and subtropical fruits. Two introductory chapters cover the economic importance of these crops and their nutritional benefits. Chapters reviewing the postharvest biology of tropical and subtropical fruits and the impact of preharvest conditions, harvest circumstances and postharvest technologies on quality follow. Further authors review microbiological safety, the control of decay and quarantine pests and the role of biotechnology in the improvement of produce of this type. Two chapters on the processing of tropical and subtropical fruit complete the volume. With its distinguished editor and international team of contributors, Volume 1 of Postharvest biology and technology of tropical and subtropical fruits, along with the other volumes in the collection, will be an essential reference both for professionals involved in the postharvest handling and processing of tropical and subtropical fruits and for academics and researchers working in the area. Along with the other volumes in the collection, Volume 1 is an essential reference for professionals involved in the postharvest handling and processing of tropical and subtropical fruits and for academics and researchers working in the area Focuses on fundamental issues of fruit physiology, quality, safety and handling relevant to all those in the tropical and subtropical fruits

supply chain Chapters include nutritional and health benefits, preharvest factors, food safety, and biotechnology and molecular biology Compiled from papers presented at the Rochester Symposium on Developmental Psychopathology, this is the first book of its kind devoted to disseminating theory and research in the field of psychopathology. Contributions to this text are unified by their incorporation of developmental principles into the study of various types of emotional disorders in children and adults. Also emphasized in this book is the importance of bridging the dichotomy between scientific research and the application of this knowledge to clinical populations. Designed as both a required and supplementary text for advanced undergraduate and graduate courses in developmental psychopathology, abnormal, clinical, and health psychology as well as neuroscience. Also insightful for psychiatric and pediatric residents, nurses, and social workers. An account of education for motherhood that begins in the first decades of the 20th century, when the high mortality rate among infants, small children, and women in childbirth prompted a massive (Canadian) government campaign to educate women in the complex tasks of motherhood. Focusing on the period from 1900 to 1960, Arnup documents the barrage of advice from the experts and assesses its changing messages and its impact on women's daily lives. Paper edition (unseen), \$18.95. Annotation copyright by Book News, Inc., Portland, OR Developmental Psychopathology, Second Edition, contains in three volumes the most complete and current research on every aspect of developmental psychopathology. This seminal reference work features contributions from national and international expert researchers and clinicians who bring together an array of interdisciplinary work to ascertain how multiple levels of analysis may influence individual differences, the continuity or discontinuity of patterns and the pathways by which the same developmental outcomes may be achieved. This volume addresses theoretical perspectives and methodological. It's no secret that in today's complex world, students face unparalleled demands as they prepare for college, careers, and active citizenship. However,

those demands won't be met without a fundamental shift from traditional, teacher-centered instruction toward innovative, student-centered teaching and learning. For schools ready to make such a shift, project-based learning (PBL) offers a proven framework to help students be better equipped to tackle future challenges. Project Based Teachers encourage active questioning, curiosity, and peer learning; create learning environments in which every student has a voice; and have a mastery of content but are also comfortable responding to students' questions by saying, "I don't know. Let's find out together." In this book, Suzie Boss and John Larmer build on the framework for Gold Standard PBL originally presented in *Setting the Standard for Project Based Learning* and explore the seven practices integral to Project Based Teaching: Build the Culture Design and Plan Align to Standards Manage Activities Assess Student Learning Scaffold Student Learning Engage and Coach For each practice, the authors present a wide range of practical strategies and include teachers' reflections about and suggestions from their classroom experiences. This book and a related series of free videos provide a detailed look at what's happening in PBL classrooms from the perspective of the Project Based Teacher. Let's find out together. A copublication of ASCD and Buck Institute for Education (BIE). *Getting Started. Using UNIX Tools. Bourne Shell Programming. Creating Applications with UNIX Tools.* Sustainable management of soils is an important global issue of the 21st century. Feeding roughly 8 billion people with an environmentally sustainable production system is a major challenge, especially considering the fact that 10% of the world's population at risk of hunger and 25% at risk of malnutrition. Accordingly, the 68th United Nations (UN) general assembly declared 2016 the "International Year of Pulses" to raise awareness and to celebrate the role of pulses in human nutrition and welfare. Likewise, the assembly declared the year 2015 as the "International Year of Soils" to promote awareness of the role of "healthy soils for a healthy life" and the International Union of Soil Science (IUSS) has declared 2015-2024 as the International Decade of Soils. Including legumes in cropping

systems is an important toward advancing soil sustainability, food and nutritional security without compromising soil quality or its production potential. Several textbooks and edited volumes are currently available on general soil fertility or on legumes but, to date, none have been dedicated to the study of “Legumes for Soil Health and Sustainable Management”. This is important aspect, as the soil, the epidermis of the Earth (geoderma), is the major component of the terrestrial biosphere. This book explores the impacts of legumes on soil health and sustainability, structure and functioning of agro-ecosystems, agronomic productivity and food security, BNF, microbial transformation of soil N and P, plant-growth-promoting rhizobacteria, biofertilizers, etc. With the advent of fertilizers, legumes have been sidelined since World War II, which has produced serious consequences for soils and the environment alike. Therefore, legume-based rational cropping/soil management practices must support environmentally and economically sustainable agroecosystems based on (sequential) rotation and intercropping considerations to restore soil health and sustainability. All chapters are amply illustrated with appropriately placed data, tables, figures, and photographs, and supported with extensive and cutting-edge references. The editors have provided a roadmap for the sustainable development of legumes for food and nutritional security and soil sustainability in agricultural systems, offering a unique resource for teachers, researchers, and policymakers, as well as undergraduate and graduate students of soil science, agronomy, ecology, and the environmental sciences. This important book, written by educational expert and urban school leader, Tom Payzant, offers a realistic understanding of what urban school leadership looks like from the inside. Payzant shares his first-hand knowledge of the unique managerial, instructional, and political tasks of this role. Effectively combining practical lessons and research, Urban School Leadership includes in-depth analysis of various leadership concerns. The book covers topics such as improving student achievement, working with unions, building community, and maintaining and developing resources. Most importantly, it offers

stories of real school leaders whose successes and missteps reveal the inherent "messiness" of this difficult job. Urban School Leadership is part of the Jossey-Bass Leadership Library in Education series. "This important book provides compelling examples of how effective leaders can have hope, see progress, and achieve success for all children in the schools and districts they lead."—Richard Riley, former United States Secretary of Education "Tom Payzant is one of the few people who could provide such a comprehensive, useful book for educational leaders at all levels. This very practical book is grounded in the important experiences and impressive judgment of one of our nation's most successful school superintendents"—Jon Schnur, co-founder and CEO, New Leaders for New Schools "Tom Payzant is one of the finest urban educators of our generation. Urban School Leadership is compelling, crisp, and wise—providing a clear path for those dedicated to improving the trajectory of children's lives."—Timothy F.C. Knowles, executive director, Center for Urban School Improvement, University of Chicago "Urban School Leadership is a must read for anyone interested in the landscape of urban public education in America."—Beverly Hall, superintendent, Atlanta Public Schools

Achievements and progress in genome mapping and the genomics of microbes supersede by far those for higher plants and animals, in part due to their enormous economic implication but also smaller genome size. In the post-genomic era, whole genome sequences of animal-associated microbes are providing clues to depicting the genetic basis of the complex host-pathogen relationships and the evolution of parasitism; and to improving methods of controlling pathogens. This volume focuses on a globally important group of intracellular prokaryotic pathogens which affect livestock animals. These include *Brucella*, *Mycobacterium*, *Anaplasma* and *Ehrlichia*, as well as the protozoan pathogens *Cryptosporidium* and *Theileria*, for which genome sequence data is available. Insights from comparative genomics of the microbes described provide clues to the adaptation involved in host-microbe interactions, as well as resources potentially useful for application in future research and product development. The Bible

which places all events in the order in which they actually occurred

The Authorized King James Version Endorsed by Christian leaders of many denominations

In Learning with Information Systems the author takes the developing world as the context and through a series of case studies develops a commonly used systems analysis methodology. He demonstrates how this methodology can evolve and adapt as new ideas become prominent. Issues of sustainability of information systems, participation in systems design and user ownership of systems are all examined. This book does not attempt to be prescriptive for all contexts nor does it focus on any particular technology. It addresses the essential questions and promises practical approaches which will help in the avoidance of the worst forms of disaster associated with the planning of information systems for developing countries. The HIV/AIDS epidemic has the potential to impede and even reverse development if not addressed early enough. Poverty and income inequality have been shown to facilitate the diffusion of HIV epidemics. While abject poverty in the Middle East and North Africa region remains low, a significant proportion of the population (23.2%) live under \$2 per day and are extremely vulnerable in their ability to cope with shocks. In order to preserve the benefits of national and regional development investments put in place by governments, and donor agencies, greater investments to improve HIV/AIDS advocacy, information and prevention strategies are needed now to maintain the current low prevalence levels. This title outlines the role of the Bank in confronting the HIV/AIDS epidemic in the region based on a review of needs and gaps at the regional and country level.

Michael D. Mumford This book aims to explore the impact of human alterations of Earth's ecological systems on human health. Human activities are producing fundamental biophysical changes faster than ever before in the history of our species, which are accompanied by dangerous health effects. Drawing on advanced ecological principles, the book demonstrates the importance of using systemic medicine to study the effects of ecological alterations on human health. Planetary Health is an interdisciplinary field, but first of all it must be systemic and

it needs a preferential relationship between Ecology and Medicine. This relation is to be upgrading, because today both ecology and medicine pursue few systemic characters and few correct interrelations. We need to refer to new principles and methods sustained by the most advanced fields, as Landscape Bionomics and Systemic Medicine. Thus, we will be able to better discover environmental syndromes and their consequences on human health. Environmental transformations proposed by PHA (from biodiversity shifts to climate change) do not consider bionomic dysfunctions which can menace human health. On the contrary, finding advanced diagnostic criteria in landscape syndromes can strongly help to find the effects on human well-being. The passage from sick care to health care can't avoid the mentioned upgrading. DNA barcoding has become a well-accepted and popular tool for the identification of species and the detection of cryptic taxonomic diversity. As such, it has a tremendous potential for a wide variety of applications in taxonomy, agronomy, conservation biology, forensics etc. Therefore, several countries, institutions and organizations have launched DNA barcoding projects in the context of the international 'Consortium for the Barcode of Life' (CBOL) initiative. Also Belgium has done so with the establishment of the FWO research community 'Belgian Network for DNA barcoding'. In 2012, this network organized the 'Third European Conference for the Barcode of Life' (ECBOL3) in Brussels. During this event a call was made to publish a collection of papers under the thematic title 'DNA barcoding: a practical tool for fundamental and applied biodiversity research'. With the financial support of the EC project 'ViBRANT' (Virtual Biodiversity Research and Access Network for Taxonomy), 21 papers were bundled to form this special 'ZooKeys' issue with the aim to present various applications, advantages and limitations of DNA barcoding. Hence, it is the editors' hope that this issue provides a modest, but timely, contribution to the already vast literature on DNA barcoding. This extensive Handbook addresses a range of contemporary issues related to Prison Tourism across the world. It is divided into seven sections: Ethics, Human



Rights and Penal Spectatorship; Carceral Retasking, Curation and Commodification of Punishment; Meanings of Prison Life and Representations of Punishment in Tourism Sites; Death and Torture in Prison Museums; Colonialism, Relics of Empire and Prison Museums; Tourism and Operational Prisons; and Visitor Consumption and Experiences of Prison Tourism. The Handbook explores global debates within the field of Prison Tourism inquiry; spanning a diverse range of topics from political imprisonment and persecution in Taiwan to interpretive programming in Alcatraz, and the representation of incarcerated Indigenous peoples to prison graffiti. This Handbook is the first to present a thorough examination of Prison Tourism that is truly global in scope. With contributions from both well-renowned scholars and up-and-coming researchers in the field, from a wide variety of disciplines, the Handbook comprises an international collection at the cutting edge of Prison Tourism studies. Students and teachers from disciplines ranging from Criminology to Cultural Studies will find the text invaluable as the definitive work in the field of Prison Tourism.

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