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Mammalian Anatomy: The Cat Integrated Molecular Evolution Management of Animal Care and Use Programs in Research, Education, and Testing Principles of Animal Physiology Environmental Physiology of Animals A Visual Analogy Guide to Human Anatomy & Physiology Managerial Accounting for the Hospitality Industry, 2nd Edition Herbicides and Plant Physiology Human Physiology Anatomy and Physiology of Domestic Animals The Natural History of Rabies Real World Psychology Handbook of Laboratory Animal Bacteriology, Second Edition Clinical Immunology of the Dog and Cat, Second Edition Essentials of Anatomy & Physiology The Laboratory Swine, Second Edition ACSM's Introduction to Exercise Science Veterinary Dentistry Clinical Signs in Small Animal Medicine Statistics Climate Change Comparative Psychology Animal Physiology Perspectives on Deviance and Social Control Encyclopedia of Animal Science - (Two-Volume Set) How Animals Work The Ecology of Plants Evolution Animal Physiology Cryptosporidium and Cryptosporidiosis Atlas of Feline Anatomy For Veterinarians Encyclopedia of Animal Rights and Animal Welfare, 2nd Edition [2 volumes] Biology: The Essentials Equine Clinical Medicine, Surgery and Reproduction Animal Physiology: From Genes to Organisms Animal Behavior Principles of Life Veterinary Immunology Biology of Sensory Systems Laboratory Investigations in Anatomy & Physiology

Mammalian Anatomy: The Cat

Evolutionary biology has increasingly relied upon tools developed in molecular biology that allow for the structure and function of macromolecules to be used as data for exploring the patterns and processes of evolutionary change. Integrated Molecular Evolution, Second Edition is a textbook intended to expansively and comprehensive review evolutionary studies now routinely using molecular data. This new edition has been thoroughly updated and expanded, and provides a basic summary of evolutionary biology as well as a review of current phylogenetics and phylogenomics. Reflecting a burgeoning pedagogical landscape, this new edition includes nearly double the number of chapters, including a new section on molecular and bioinformatic methods. Dedicated chapters were added on: Evolution of the genetic code Mendelian genetics and population genetics Natural selection Horizontal gene transfers Animal development and plant development Cancer Extraction of biological molecules Analytical methods Sequencing methods and sequencing analyses Omics Phylogenetics and phylogenetic networks Protein trafficking Human genomics More than 400 illustrations appear in this edition, doubling the number included in the first edition, and over 100 of these diagrams are now in color. The second edition combines and integrates extensive summaries of genetics and evolutionary biology in a manner that is accessible for students at either the graduate or undergraduate level. It also provides both the basic foundations of molecular evolution, such as the structure and function of DNA, RNA and proteins, as well as more advanced chapters reviewing analytical techniques for obtaining sequences, and interpreting and archiving molecular and genomic data.

Integrated Molecular Evolution

Since the popular first edition was published more than a decade ago, the number of swine used in toxicity studies has increased as an alternative to commonly used non-rodent species, such as dogs and primates. A volume in the Laboratory Animal Pocket Reference Series, *The Laboratory Swine, Second Edition* maintains the high standard set by the previous edition and is poised to continue its legacy as the premier laboratory reference on the care and use of swine in the laboratory. Emphasizes Humane Care and Use of Laboratory Swine Addressing the biology, husbandry, management, veterinary care and research applications of both large and miniature swine, this color reference is a complete source of information on the species. It is thoroughly updated and includes a major revision to the anesthetics section. It also places a heightened focus on animal welfare and addresses important considerations related to genetically modified swine. The book is divided into six parts: Important Biological Features examines everything from different breeds and behavior, to anatomical and physiological features, as well as digestive, cardiovascular, and pulmonary systems Husbandry addresses housing, nutrition, sanitation, transportation, and more Management and Quality Assurance looks at the impact of infections on animal research using swine, zoonotic diseases, legal regulations, genetic monitoring, and more Veterinary Care covers a variety of topics, such as clinical examination, diseases, pain recognition, and post-operative management Experimental Techniques addresses restraint, sampling techniques, basic surgical procedures, and other issues Resources provides extensive references for further study, including handbooks, journals, and websites *The Laboratory Swine, Second Edition* is ideal for animal caretakers, technicians, investigators, and laboratory animal veterinarians as a single-source reference that contributes to the humane care and use of swine in research.

Management of Animal Care and Use Programs in Research, Education, and Testing

Promoting a conceptual understanding and taking an integrative systems approach, *ANIMAL PHYSIOLOGY 2E* illustrates the individual organization as well as the collective interdependence of each complete physiological system. The text begins with chapters on integrative principles and on the genomic, molecular, and cellular basis of physiology, then proceeds to chapters on individual organ systems. For each organ system, evolutionary forces as well as current cellular and molecular research are discussed. To clearly illustrate system interdependence, each systems chapter contains a summary, titled Making Connections. To make the text even more accessible to students, the authors also incorporate a comparative approach to animal physiology, examining the basic physiology of many vertebrate and nonvertebrate animals as well as their primary diseases and ability to respond to environmental changes. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Principles of Animal Physiology

Comparative Psychology (second edition) is a core textbook for senior undergraduate and graduate courses in Comparative Psychology, Animal Behavior, and Evolutionary Psychology. Its main goal is to introduce the student to evolutionary and developmental approaches to the study of animal behavior. The structure of the book reflects the principal areas of importance to psychology students studying animal behavior: evolution, physiological issues, learning and cognition, development, and social evolution. Throughout, this text includes many examples drawn from the study of human behavior, highlighting general and basic principles that apply broadly to the animal kingdom.

Environmental Physiology of Animals

This full-color dissection guide is intended for students taking Mammalian Anatomy, Comparative Anatomy, General Biology, or Anatomy & Physiology courses and contains 175 photographs plus many full-color illustrations. The combination of a good anatomy text, clear discussions of dissection techniques, and well-executed photographs and illustrations makes this a definitive book in biology curricula.

A Visual Analogy Guide to Human Anatomy & Physiology

A study of comparative physiology that explains the ways in which specific bodily systems function in different species

Managerial Accounting for the Hospitality Industry, 2nd Edition

A landmark publishing achievement on the subject, the new edition of this acclaimed encyclopedia is expanded to two volumes, covering the full range of issues related to animal protection. • Includes hundreds of alphabetically organized entries covering the full range of topics related to animal rights and welfare, including dog fighting, endangered species in zoos, animals as disease carriers, factory farming, veganism, and more • Encompasses the work of 150 contributors—experts from around the world that make up a virtual "who's who" in the broad areas of animal protection • Outlines a chronology of legislation and other important events that have had a significant impact on animal rights issues • Lists references for each entry, plus a comprehensive bibliography at the end of the encyclopedia

Herbicides and Plant Physiology

This book provides essential worldwide reference information regarding rabies for public health officials, veterinarians, physicians, virologists, epidemiologists, infectious disease specialists, laboratory diagnosticians, and wildlife biologists. The book is divided into six main sections, covering topics such as the rabies virus, including antigenic and biochemical

characteristics; pathogenesis, including the immune response to the infection, pathology, and latency; diagnostic techniques; rabies epidemiology in a variety of wild and domestic animals; rabies control, including vaccination of wild and domestic animals, as well as control on the international level; and finally a discussion of rabies in humans, local wound and serum treatment, and human post-exposure vaccination. *Natural History of Rabies, First Edition* has been the principal worldwide reference since 1975. The new *Second Edition* has been completely updated, providing current information on this historically deadly disease.

Human Physiology

Human Physiology is an integrated solution to the challenges students encounter when enrolled in a Human Physiology course. Incorporating digital and print content, this program supports students' understanding of core physiological concepts while building the critical thinking skills that will prepare them for success in their future careers. Critical thinking exercises help students apply their knowledge of physiology by asking them to address real-life situations and guiding them through the logical progression of thought processes needed to answer them. Making connections through Primary Literature helps students make connections to real-world applications. Full primary research articles are available to students through WileyPLUS Learning Space. 3-D Physiology is a state-of-the-art animation series on the most difficult physiological concepts for you to teach and your students to learn. PowerPhys 3.0 is physiological simulation software authored by teaching lab faculty. The activities focus on core physiological concepts and reinforce techniques experienced in the lab. Access to WileyPLUS Learning Space sold separately.

Anatomy and Physiology of Domestic Animals

Essentials of Anatomy & Physiology is a text that blends up-to-date science, stimulating writing, high-quality art, and cutting-edge educational technology to provide the most effective teaching and learning program available in the one-semester anatomy and physiology courses. The distinctive pedagogy of the text revolves around the theme of "Elevate Learning". From "Base Camp" to "Assess Your Learning Outcomes", the student experiences a clear sense of the path ahead, a convenient means of charting progress, and a satisfying sense of accomplishment at the end.

The Natural History of Rabies

Population, evolution, water, soil, ecosystem, global change.

Real World Psychology

With Wiley's Enhanced E-Text, you get all the benefits of a downloadable, reflowable eBook with added resources to make your study time more effective, including:

- Embedded & Searchable Tables & Figures
- Links to Datasets through wiley.com
- Video Solutions & Tutorials
- Dataset Index embedded including links to datasets by page number

Statistics: Unlocking the Power of Data, 2nd Edition continues to utilize these intuitive methods like randomization and bootstrap intervals to introduce the fundamental idea of statistical inference. These methods are brought to life through authentically relevant examples, enabled through easy to use statistical software, and are accessible at very early stages of a course. The program includes the more traditional methods like t-tests, chi-square tests, etc. but only after students have developed a strong intuitive understanding of inference through randomization methods. The focus throughout is on data analysis and the primary goal is to enable students to effectively collect data, analyze data, and interpret conclusions drawn from data. The program is driven by real data and real applications.

Handbook of Laboratory Animal Bacteriology, Second Edition

The Visual Analogy Guides to Human Anatomy & Physiology, 3e is an affordable and effective study aid for students enrolled in an introductory anatomy and physiology sequence of courses. This book uses visual analogies to assist the student in learning the details of human anatomy and physiology. Using these analogies, students can take things they already know from experiences in everyday life and apply them to anatomical structures and physiological concepts with which they are unfamiliar. The study guide offers a variety of learning activities for students such as, labeling diagrams, creating their own drawings, or coloring existing black-and-white illustrations to better understand the material presented.

Clinical Immunology of the Dog and Cat, Second Edition

The Handbook of Laboratory Animal Bacteriology, Second Edition provides comprehensive information on all bacterial phylae found in laboratory rodents and rabbits to assist managers, veterinary pathologists and laboratory animal veterinarians in the management of these organisms. The book starts by examining the general aspects of bacteriology and how to sample and identify bacteria in animals. It then describes the most relevant species within each phylum and discusses the impact they may have on research. Emphasizing those bacteria known to interfere with research protocols, the book offers methods for isolation and differentiation among related bacteria. It discusses where to purchase reagents for rodent bacteriology and outlines standards for safety in a bacteriological laboratory. Highlights of the second edition:

- Focuses on modern sequencing techniques based on molecular identification
- Reorganizes content according to modern systematics based on new identification methods
- Presents new chapters on mechanisms behind bacterial impact on animal models and on the systematic classification of bacteria
- Provides information on a range of bacteria interfering with animal models for human disease, not only for those bacteria which cause disease in laboratory animal colonies
- Includes new

figures in color and with enhanced resolution The book is essential reading for those interested in the management of organisms known to interfere with the colony health of rabbits and rodents used in research protocols—including facility managers, clinical veterinarians, veterinary pathologists, and researchers.

Essentials of Anatomy & Physiology

Animal Physiology, Fourth Edition presents all the branches of modern animal physiology with a strong emphasis on integration of physiological knowledge, ecology, and evolutionary biology.

The Laboratory Swine, Second Edition

Animal Behavior, Second Edition, covers the broad sweep of animal behavior from its neurological underpinnings to the importance of behavior in conservation. The authors, Michael Breed and Janice Moore, bring almost 60 years of combined experience as university professors to this textbook, much of that teaching animal behavior. An entire chapter is devoted to the vibrant new field of behavior and conservation, including topics such as social behavior and the relationship between parasites, pathogens, and behavior. Thoughtful coverage has also been given to foraging behavior, mating and parenting behavior, anti-predator behavior, and learning. This text addresses the physiological foundations of behavior in a way that is both accessible and inviting, with each chapter beginning with learning objectives and ending with thought-provoking questions. Additionally, special terms and definitions are highlighted throughout. Animal Behavior provides a rich resource for students (and professors) from a wide range of life science disciplines. Provides a rich resource for students and professors from a wide range of life science disciplines Updated and revised chapters, with at least 50% new case studies and the addition of contemporary in-text examples Expanded and updated coverage of animal welfare topics Includes behavior and homeostatic mechanisms, behavior and conservation, and behavioral aspects of disease Available lab manual with fully developed and tested laboratory exercises Companion website includes newly developed slide sets/templates (PowerPoints) coordinated with the book

ACSM's Introduction to Exercise Science

Evolution presents foundational concepts through a contemporary framework of population genetics and phylogenetics that is enriched by current research and stunning art. In every chapter, new critical thinking questions and expanded end-of-chapter problems emphasizing data interpretation reinforce the Second Edition's focus on helping students think like evolutionary biologists.

Veterinary Dentistry

Veterinary Immunology: Principles and Practice has become the adopted text in numerous veterinary schools throughout the world. Widely updated with advances in knowledge since 2011, this second edition reflects the rapid development in the field. The new edition presents expanded information on commonly used diagnostic test procedures and discusses

Clinical Signs in Small Animal Medicine

Now in smaller format paperback, this book contains over 400 clinical cases, grouped broadly by subject, presented by means of over 800 color photographs of the highest quality, plus detailed captions focusing on key pointers to diagnosis and treatment. The underlying, yet unspoken, theme of the book is that the clinician's eye, thought processes and judgment will always be central to successful clinical practice.

Statistics

Principles of Animal Physiology, by Chris Moyes and Trish Schulte, is designed to provide second- and third-year, undergraduate university students enrolled in animal physiology courses with an approach that balances its presentation of comparative physiology with mechanistic topics. The book delivers the fundamentals of animal physiology, while providing an integrative learning experience, drawing on ideas from chemistry, physics, mathematics, molecular biology and cell biology for its conceptual underpinnings.

Climate Change

This book introduces climate change fundamentals and essential concepts that reveal the extent of the damage, the impacts felt around the globe, and the innovation and leadership it will take to bring an end to the status quo. Emphasizing peer-reviewed literature, this text details the impact of climate change on land and sea, the water cycle, human communities, the weather, and humanity's collective future. Coverage of greenhouse gases, oceanic and atmospheric processes, Pleistocene and Holocene paleoclimate, sea levels, and other fundamental topics provide a deep understanding of key mechanisms, while discussion of extreme weather, economic impacts, and resource scarcity reveals how climate change is already impacting people's lives—and will continue to do so at an increasing rate for the foreseeable future.

Comparative Psychology

Anatomy and Physiology of Domestic Animals, Second Edition offers a detailed introduction to the foundations of anatomy and physiology in a wide range of domestic species. Well illustrated throughout, the book provides in-depth information on the guiding principles of this key area of study for animal science students, fostering a thorough understanding of the complex make-up of domestic animals. This Second Edition includes access to supplementary material online, including images and tables available for download in PowerPoint, a test bank of questions for instructors, and self-study questions for students at www.wiley.com/go/akers/anatomy. Taking a logical systems-based approach, this new edition is fully updated and now provides more practical information, with descriptions of anatomic or physiological events in pets or domestic animals to demonstrate everyday applications. Offering greater depth of information than other books in this area, Anatomy and Physiology of Domestic Animals is an invaluable textbook for animal science students and professionals in this area.

Animal Physiology

The new and updated edition of this accessible text provides a comprehensive overview of the comparative physiology of animals within an environmental context. Includes two brand new chapters on Nerves and Muscles and the Endocrine System. Discusses both comparative systems physiology and environmental physiology. Analyses and integrates problems and adaptations for each kind of environment: marine, seashore and estuary, freshwater, terrestrial and parasitic. Examines mechanisms and responses beyond physiology. Applies an evolutionary perspective to the analysis of environmental adaptation. Provides modern molecular biology insights into the mechanistic basis of adaptation, and takes the level of analysis beyond the cell to the membrane, enzyme and gene. Incorporates more varied material from a wide range of animal types, with less of a focus purely on terrestrial reptiles, birds and mammals and rather more about the spectacularly successful strategies of invertebrates. A companion site for this book with artwork for downloading is available at: www.blackwellpublishing.com/willmer/

Perspectives on Deviance and Social Control

This concise lab manual is designed for instructors who wish to avoid "cookbook"-style lab instruction for Anatomy & Physiology. Through the use of an engaging "connective learning" methodology, author Stephen Sarikas builds each lab exercise step on the previous one, helping readers to understand complex ideas and make connections between concepts. KEY TOPICS: Introduction to Anatomy & Physiology, Body Organization and Terminology, Care and Use of the Compound Light Microscope, The Cell, Cell Structure and Cell Division, Membrane Transport, Tissues, Epithelial and Connective Tissues, The Integumentary System, The Skeletal System, The Axial Skeleton, The Appendicular Skeleton, Articulations, The Muscular System, Histology of Muscle Tissue, Gross Anatomy of the Muscular System, Physiology of the Muscular System,

The Nervous System, Histology of Nervous Tissue, The Brain and Cranial Nerves, The Spinal Cord and Spinal Nerves, Human Reflex Physiology, Special Senses, The Endocrine System, The Cardiovascular System, Blood Cells, Gross Anatomy of the Heart, Anatomy of Blood Vessels, Cardiovascular Physiology, The Lymphatic System, The Respiratory System, Anatomy of the Respiratory System, Respiratory Physiology, The Digestive System, Anatomy of the Digestive System, Actions of a Digestive Enzyme, The Urinary System, Urinary Physiology, The Reproductive Systems Introduction to the Cat and Removal of the Skin, Dissection of the Cat Muscular System, Dissection of the Cat Nervous System, Dissection of the Cat Ventral Body Cavities and Endocrine System, Dissection of the Cat Cardiovascular System, Dissection of the Cat Lymphatic System, Dissection of the Cat Respiratory System, Dissection of the Cat Digestive System, Dissection of the Cat Urinary System, Dissection of the Cat Reproductive System

KEY MARKET: For all readers interested in anatomy & physiology labs.

Encyclopedia of Animal Science - (Two-Volume Set)

THE HOEFNAGELS STORY... The second edition of *Biology: The Essentials* epitomizes what the market has come to recognize as Mariëlle Hoefnagels' distinct and student-friendly writing-style. Mariëlle presents up-to-date information through "What's the Point?", "Why We Care", and "Burning Questions"—pedagogical tools designed to demonstrate to readers, and her own students, that biology is everywhere. *Biology: The Essentials, 2nd Edition* offers a broader and more conceptual introduction to biology, simplifying the more complex biological content to the essential elements that students need to act as framework for the details. Mariëlle Hoefnagels is dedicated to helping students find the relevancy of biology and science in their everyday lives. A recipient of the University of Oklahoma General Education Teaching Award and the Longmire Prize (the Teaching Scholars Award from the College of Arts and Sciences), Mariëlle has been engaging, educating, and inspiring students since 1997. She believes that the right tools can make all of the difference in reaching non-majors students. Because of this, the content in this textbook is deeply integrated with the digital tools in Connect and Mariëlle has worked hard to create Connect questions and activities that go beyond simply memorizing vocabulary and facts. Static images are brought to life through animated tutorials, specifically designed to guide students through tough topics. Whether in class or at home, *Biology: The Essentials, 2nd Edition* with Connect Plus provides all of the resources a student needs to succeed in biology.

How Animals Work

From the microscopic observation of infection to the widespread application of molecular techniques in taxonomy and epidemiology, to the genome sequencing of two major species and advances in biochemistry, phylogeny, and water treatment, new information on this fascinating genus continues to mount as we discover and utilize the latest scientific te

The Ecology of Plants

This text presents all the branches of modern animal physiology with a strong emphasis on integration among physiological disciplines, ecology, and evolutionary biology.

Evolution

Since publication of the first edition, huge developments have taken place in sensory biology research and new insights have been provided in particular by molecular biology. These show the similarities in the molecular architecture and in the physiology of sensory cells across species and across sensory modality and often indicate a common ancestry dating back over half a billion years. Biology of Sensory Systems has thus been completely revised and takes a molecular, evolutionary and comparative approach, providing an overview of sensory systems in vertebrates, invertebrates and prokaryotes, with a strong focus on human senses. Written by a renowned author with extensive teaching experience, the book covers, in six parts, the general features of sensory systems, the mechanosenses, the chemosenses, the senses which detect electromagnetic radiation, other sensory systems including pain, thermosensitivity and some of the minority senses and, finally, provides an outline and discussion of philosophical implications. New in this edition: Greater emphasis on molecular biology and intracellular mechanisms New chapter on genomics and sensory systems Sections on TRP channels, synaptic transmission, evolution of nervous systems, arachnid mechanosensitive sensilla and photoreceptors, electroreception in the Monotremata, language and the FOXP2 gene, mirror neurons and the molecular biology of pain Updated passages on human olfaction and gustation. Over four hundred illustrations, boxes containing supplementary material and self-assessment questions and a full bibliography at the end of each part make Biology of Sensory Systems essential reading for undergraduate students of biology, zoology, animal physiology, neuroscience, anatomy and physiological psychology. The book is also suitable for postgraduate students in more specialised courses such as vision sciences, optometry, neurophysiology, neuropathology, developmental biology. Praise from the reviews of the first edition: "An excellent advanced undergraduate/postgraduate textbook." ASLIB BOOK GUIDE "The emphasis on comparative biology and evolution is one of the distinguishing features of this self-contained book. . this is an informative and thought-provoking text" TIMES HIGHER EDUCATIONAL SUPPLEMENT

Animal Physiology

"ACSM's Introduction to Exercise Science is an introduction to the field of exercise science"--

Cryptosporidium and Cryptosporidiosis

AAP Prose Award Finalist 2018/19 *Management of Animal Care and Use Programs in Research, Education, and Testing, Second Edition* is the extensively expanded revision of the popular *Management of Laboratory Animal Care and Use Programs* book published earlier this century. Following in the footsteps of the first edition, this revision serves as a first line management resource, providing for strong advocacy for advancing quality animal welfare and science worldwide, and continues as a valuable seminal reference for those engaged in all types of programs involving animal care and use. The new edition has more than doubled the number of chapters in the original volume to present a more comprehensive overview of the current breadth and depth of the field with applicability to an international audience. Readers are provided with the latest information and resource and reference material from authors who are noted experts in their field. The book:

- Emphasizes the importance of developing a collaborative culture of care within an animal care and use program and provides information about how behavioral management through animal training can play an integral role in a veterinary health program
- Provides a new section on Environment and Housing, containing chapters that focus on management considerations of housing and enrichment delineated by species
- Expands coverage of regulatory oversight and compliance, assessment, and assurance issues and processes, including a greater discussion of globalization and harmonizing cultural and regulatory issues
- Includes more in-depth treatment throughout the book of critical topics in program management, physical plant, animal health, and husbandry.

Biomedical research using animals requires administrators and managers who are knowledgeable and highly skilled. They must adapt to the complexity of rapidly-changing technologies, balance research goals with a thorough understanding of regulatory requirements and guidelines, and know how to work with a multi-generational, multi-cultural workforce. This book is the ideal resource for these professionals. It also serves as an indispensable resource text for certification exams and credentialing boards for a multitude of professional societies. Co-publishers on the second edition are: ACLAM (American College of Laboratory Animal Medicine); ECLAM (European College of Laboratory Animal Medicine); IACLAM (International Colleges of Laboratory Animal Medicine); JCLAM (Japanese College of Laboratory Animal Medicine); KCLAM (Korean College of Laboratory Animal Medicine); CALAS (Canadian Association of Laboratory Animal Medicine); LAMA (Laboratory Animal Management Association); and IAT (Institute of Animal Technology).

Atlas of Feline Anatomy For Veterinarians

PRINT/ONLINE PRICING OPTIONS AVAILABLE UPON REQUEST AT e-reference@taylorandfrancis.com Containing case studies that complement material presented in the text, the vast range of this definitive Encyclopedia encompasses animal physiology, animal growth and development, animal behavior, animal reproduction and breeding, alternative approaches to animal maintenance, meat science and muscle biology, farmed animal welfare and bioethics, and food safety. With contributions from top researchers in their discipline, the book addresses new research and advancements in this burgeoning field and provides quick and reader-friendly descriptions of technologies critical to professionals in animal and

food science, food production and processing, livestock management, and nutrition.

Encyclopedia of Animal Rights and Animal Welfare, 2nd Edition [2 volumes]

This second edition of a bestseller details the manifestations, diagnosis and treatment of immune-related disease in the dog and cat. It is illustrated throughout in full color, to show and explain to the reader as clearly as possible the complicated principles of disease and immunodiagnostic tests, supported by clinical cases, gross and histopathology, cytology, hematology, immunohistochemistry and other immunological tests.

Biology: The Essentials

Following a successful debut edition, this new Second Edition of Managerial Accounting for the Hospitality Industry builds on its strengths of clear organization and the ease with which students work through it. This new edition includes more basic math support for students and a more developed inclusion of ethical considerations and global changes both in accounting systems and in the hospitality industry.

Equine Clinical Medicine, Surgery and Reproduction

For sample chapters, a video interview with David Hillis, and more information, visit www.whfreeman.com/hillispreview. Sinauer Associates and W.H. Freeman are proud to introduce Principles of Life. Written in the spirit of the reform movement that is reinvigorating the introductory majors course, Principles of Life cuts through the thicket of excessive detail and factual minutiae to focus on what matters most in the study of biology today. Students explore the most essential biological ideas and information in the context of the field's defining experiments, and are actively engaged in analyzing research data. The result is a textbook that is hundreds of pages shorter (and significantly less expensive) than the current majors introductory books.

Animal Physiology: From Genes to Organisms

Perspectives on Deviance and Social Control provides a sociological examination of deviance and social control in society. Derived from the same author team's successful text/reader version, this concise and student-friendly resource uses sociological theories to illuminate a variety of issues related to deviant behavior and societal reactions to deviance. The authors briefly explain the development of major sociological theoretical perspectives and use current research and examples to demonstrate how those theories are used to think about and study the causes of deviant behavior and the

reactions to it. Focusing on the application—rather than just the understanding—of theory, the Second Edition offers a practical and fascinating exploration of deviance in our society.

Animal Behavior

This new edition in the established and well-respected series Veterinary Self-Assessment Color Reviews covers all aspects of veterinary dentistry. Each case consists of one or more questions, illustrated by stimulating visual material including imaging and color clinical photographs. The 228 cases appear in random order, just as they would in pract

Principles of Life

Herbicides make a spectacular contribution to modern crop production. Yet, for the development of more effective and safer agrochemicals, it is essential to understand how these compounds work in plants and their surroundings. This expanded and fully revised second edition of Herbicides and Plant Physiology provides a comprehensive and up-to-date account of how modern herbicides interact with target plants, and how they are used to manage crop production. In addition, the text: Provides a current account of the importance of weeds to crop yield and quality; Describes how new herbicides are discovered and developed; Examines precise sites of herbicide action and mechanisms of herbicide selectivity and resistance; Reviews commercial and biotechnological applications, including genetically engineered herbicide resistance in crops; Suggests new areas for future herbicide development; Includes many specially prepared illustrations. As a summary of diverse research information, this second edition of Herbicides and Plant Physiology is a valuable reference for students and researchers in plant physiology, crop production/protection, plant biochemistry, biotechnology and agriculture. All libraries in universities, agricultural colleges and research establishments where these subjects are studied and taught will need copies of this excellent book on their shelves.

Veterinary Immunology

Real World Psychology, a brief version of Huffman's Psychology in Action, reflects Huffman's core "student/active classroom" philosophy and is designed specifically for the unique needs of those who demand big things from a small package. This text ties every single concept to a real-world, in-text example by utilizing case studies, photos, graphs, news stories and charts. This brief approach allows readers to grasp the "big picture" in psychology without an abundance of supplementary details.

Biology of Sensory Systems

The internationally respected editors and authors have combined to produce this major new textbook and reference source in a single volume, covering all aspects of equine medicine, surgery, and reproduction. The text is supported by a wealth of over 1200 illustrations of the highest quality: color photographs, radiographic and ultrasound images, an

Laboratory Investigations in Anatomy & Physiology

Presenting more than 266 full color anatomic drawings arranged by organ system, this book is dedicated exclusively to feline anatomy with emphasis on those areas of anatomy that are frequently encountered in clinical practice. It includes a highly detailed chapter on special senses which collects and organizes difficult to find information for quick access. Nomenclature is from Nomina Anatomica Veterinaria so that the feline anatomy is in line with that used in other textbooks of veterinary anatomy of the domestic animals. The book accurately captures the anatomy pertinent to clinical veterinary medicine.

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