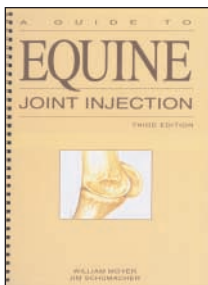


Book Reviews: For Your Library

A Guide to Equine Joint Injection (3rd edition)

Reviewed by Henry S. Adair, MS, DVM, DACVS

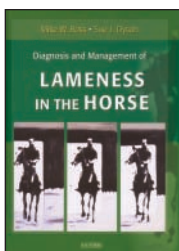


The third edition of *A Guide to Equine Joint Injection* is extremely good for its intended purpose: to provide a quick reference for veterinarians performing equine joint injections. The book is logically arranged, starting with introductory sections and moving to specific injections. The specific injections start with the distal interphalangeal joint (ie, coffin joint) and proceed proximally up the limbs. A diagram of the regional anatomy and injection site accompanies each specific injection. Additionally, there are photographs that depict the injection technique as well as a written description of the technique. Guidelines regarding the size of the needle, volume that can be injected, and degree of difficulty are provided. The authors include the standard injection techniques and also add the most recent techniques that have been described.

After the section on the specific injections, the authors discuss potential complications and provide an up-to-date reference list. Overall, this is an extremely good, quick-reference text for injections of equine joints. It would be excellent for veterinary students and practitioners that are not accomplished at performing joint injections. On the downside, there are several small errors. Some of the anatomic labels on the diagrams do not match the written description. Also, in a couple of instances, the size of the needle recommended in the guidelines does not match the recommendation in the textual description. Considering that the first edition only includes 11 injection techniques and cost \$18.00, whereas this book contains 21 techniques and is priced at \$25.00, it is a good value.—By William Moyer & Jim Schumacher. 56 pages; illustrated. Veterinary Learning Systems, 780 Township Line Rd, Yardly, PA 19067. ISBN 1-884254-54-3. 2002. Price \$25.00.

Diagnosis and Management of Lameness in the Horse

Reviewed by Timothy G. Eastman, DVM, MPVM, DACVS



Diagnosis and Management of Lameness in the Horse draws on the expertise of more than 100 lameness diagnosticians evenly representing private practices and universities.

It contains 130 chapters that provide an in-depth look at the art of lameness diagnosis and build on information that has historically been available in the veterinary lit-

erature. Of particular interest is the diverse array of topics that are simply not covered in any other textbook. Examples of the pragmatic material include chapters on fractures of the navicular bone, the estrous cycle and performance of athletic mares, diagnosis and management of sacroiliac joint injuries, and unexplained lameness. The book also provides an in-depth look at every aspect of the equine musculoskeletal system from the foot to the pelvis, as well as neurologic and mechanical causes of lameness. The final chapters of the book were written by experts on lameness in various types of horses, including sport horses such as Arabian racehorses, dressage horses, and draft horses. A CD-ROM is included with the book and provides short videos of various lameness conditions, which would be a tremendous asset to neophyte practitioners or those who are seasoned veterans at diagnosing lameness. Illustrations are done extremely well and are plentiful. Overall, this textbook is an excellent complement to the existing literature on equine lameness and should be on the shelf of every equine practitioner.—By Mike W. Ross & Sue J. Dyson. 1,140 pages and 1 CD-ROM; illustrated. WB Saunders Co, The Curtis Center, Independence Square West, Philadelphia, PA 19106. ISBN 0-7216-8342-8. 2003. Price \$166.00.

Practical Field Guide to Horse Behavior: The Equid Ethnogram

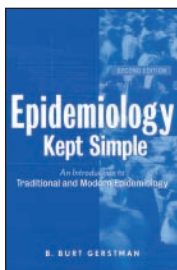
Reviewed by Catherine Ulibarri, PhD



In *Practical Field Guide to Horse Behavior: The Equid Ethnogram*, Dr. McDonnell has skillfully designed and written an extensive ethnogram that can be used by virtually all observers of equine behavior. The descriptions of behavior are clear and concise, and they are strengthened by the use of excellent photographs as well as references listed for each behavior. Some of the color pages are difficult to read, and I suspect that readers who have problems with color-blindness would have considerable difficulty. The book seems fairly priced. Although I disagreed with some of the interpretations given to some of the behaviors, overall this is an excellent ethnogram that can provide good standardization for the observation of behavior in equids. As such, it should be required reading for ethologists, even those not particularly interested in equine behavior, as an example of how to characterize a complex ethnogram.—By Sue McDonnell. 384 pages; illustrated. Eclipse Press, 1736 Alexandria Dr, Lexington, KY 40504. ISBN 1-58150-090-4. 2002. Price \$39.95.

Epidemiology Kept Simple: An Introduction to Traditional and Modern Epidemiology (2nd edition)

Reviewed by Martha E. Stebbins, DVM, PhD, DACVPM



The second edition of *Epidemiology Kept Simple: An Introduction to Traditional and Modern Epidemiology* represents a reorganization of the original material and expansion in areas of recent interest, such as clinical trials. There is also a useful chapter on outbreak investigations, with case-study exercises that include an outbreak of foodborne illness. One weakness of the book is the lack of mention of

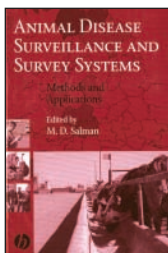
EpiInfo, the Centers for Disease Control and Prevention's software originally written for investigations of outbreaks of foodborne illness.

The author includes enjoyable quotes from people who work in the field of epidemiology, as well as interesting historical notes on people not often mentioned in other epidemiology books. An expansion of history to include the contributions by early Islamic mathematicians and Asian scholars would have made it even better.

This textbook is written in the traditional style of concepts followed by examples, with problems offered at the end of each chapter. Additional exercises in basic principles are also found on the author's Web site. The book's focus is on human epidemiology, but it is a solid introductory book for both the philosophic underpinnings and mechanical tools of epidemiology. The author moves well beyond basic discussions to include advanced topics on Mantel-Haenszel methods and survival analysis, so it is more suited to veterinarians pursuing advanced knowledge in epidemiology. The book may intimidate veterinary students who are getting their first experience with epidemiology, unless they are provided with guidance in the portions that they should read. At the listed price, it is a potentially good reference book for veterinarians.—By B. Burt Gertsman. 417 pages; illustrated. Wiley, 605 Third Ave, New York, NY 10158. ISBN 0-471-40028-9. 2003. Price \$59.95.

Animal Disease Surveillance and Survey Systems: Methods and Applications

Reviewed by George E. Moore, DVM, MS, DACVPM, DACVIM



Animal Disease Surveillance and Survey Systems: Methods and Applications endeavors to provide the methods for developing and conducting an animal disease surveillance program to epidemiologists and animal health authorities involved in national, regional, and international activities. The book's intent is to emphasize fundamentals and principles for planning

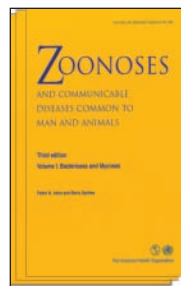
and executing such programs, rather than to pursue in-depth academic elaborations of specific issues. The 14 contributing authors address a wide array of topics, including roles and requirements for surveillance systems, sampling considerations, statistical analysis of data, methods for determining temporal and spatial clusters, use of sentinel herds, use of simulation models, quality assessment of systems, and dissemination of findings. Methodologic issues in sampling and statistical analysis are extensively addressed, but methods of data collection and intervention methods for preventing or controlling a health problem are less detailed. The contributors provide concepts and examples from a number of international programs involving food animal populations.

The various writing styles of the contributors somewhat reduce the smoothness and organizational flow throughout the book, and the extent of chapter bibliographies and references is quite varied. The use of a few acronyms not commonly used in the United States may slow some readers. Although the focus on food animal populations is quite understandable, added examples from wildlife and companion animal disease surveillance programs would have expanded the applications of the principles and fit the general theme of the book.

The book is a helpful initial contribution to animal health literature on this subject, familiarizing and reminding readers of important issues to be considered in system planning and execution. Because it addresses concepts and avoids in-depth treatises of topics, this book may have limited usefulness for some readers.—By M. D. Salman. 222 pages; illustrated. Iowa State Press, 2121 State Ave, Ames, IA 50014-8300. ISBN 0-8138-1031-0. 2003. Price \$42.99.

Zoonoses and Communicable Diseases Common to Man and Animals (3rd edition)

Reviewed by Robert D. Garrison, DVM, MS



The third edition of *Zoonoses and Communicable Diseases Common to Man and Animals* is a phenomenal reference textbook. It is a remarkable compilation of information, equally useful to veterinarians and physicians in North America and around the world. By adding more than a dozen relatively new diseases, updating the taxonomic status of numerous etiologic agents, improving the illustrations of transmission cycles,

and breaking up the text into 3 volumes, the authors have improved the earlier edition, which was no small feat. A few minor errors appear in the text, such as several references to autopsies of animals and tickicides (ie, acaricides), but in a work of this scope, such errors are trivial.

I have only 2 major criticisms of this otherwise excellent textbook. First, all illustrations on transmission cycles for the parasitic zoonoses were removed

from the previous edition. This is unfortunate because the parasitic zoonoses are the group with transmission cycles whose complexities evoke the proverb "a picture is worth a thousand words." Second, the omission of information about several zoonoses that are old news (scientifically speaking) is surprising. The Herculean task of updating such a textbook no doubt precludes adding extremely recent information, but given the importance of Hendra, Menangle, and Nipah virus infections and human exposures to *Pfiesteria* dinoflagellates from fish, their omission is puzzling. Similarly, no mention is made of several preventive measures that, again, are not exactly new developments, such as the RB51 brucellosis vaccine, food irradiation, and the vaccine against ringworm in cats.

These criticisms aside, this is a reference that belongs on the shelf of every veterinarian and physician. Reasonably priced, it will serve students and practitioners for years to come.—By Pedro N. Acha & Boris Szyfres. Pan American Health Organization, 525 23rd St NW, Washington, DC 20037. ISBN 92-75-11991-0. Price \$80.00. Vol 1. Bacterioses & Mycoses. 401 pages; illustrated. 2001. Vol 2. Chlamydioses, Rickettsioses, & Viroses. 416 pages; illustrated. 2003. Vol 3. Parasitic Zoonoses. 424 pages; illustrated. 2003.

Handbook of Laboratory Animal Science (2nd edition)

Reviewed by David M. Moore, DVM, MS, DACLAM



The authors of the second edition of the 2-volume textbook *Handbook of Laboratory Animal Science* have provided essential principles and practices for the care and use of laboratory animals in the first volume and information about the selection, maintenance, and use of animals in models of disease in the second volume. In this era of globalization, the editors and authors, a diverse group

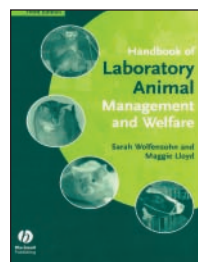
of laboratory animal scientists and veterinary experts from Europe and the United States, provide discussions of animal husbandry and use that are held in common, as well as laws, regulations, and organizations that differ on both sides of the Atlantic. The breadth of coverage on European, North American, and Asian policies and regulations will be invaluable for laboratory animal specialists whose multinational employers require them to function in or interact with laboratories and regulatory agencies around the world. Although no single textbook can provide full coverage of the myriad of available animals used in models of disease, the authors have provided an adequate overview of representative models for several human disorders in the second volume.

Chapters in both volumes are well written, concise, and informative. Although one chapter specifically describes training requirements and resources in Europe and the United States, the entire first volume provides a unique training resource for a number of audiences; thus, the authors successfully meet their indicated goal

of providing a course book on laboratory animal science for postgraduate and undergraduate students and a useful handbook for scientists who use animals in their research, university veterinarians, and other specialists in laboratory animal science. This handbook will be of tremendous educational value for and will be heavily used by members of institutional animal care and use committees, facility personnel for training staff and researchers, laboratory animal veterinarians, laboratory animal residents, and scientists, leading to better understanding and treatment of the animals in their care.—By Jann Hau & Gerald L. Van Hoosier Jr. CRC Press, 2000 NW Corporate Blvd, Boca Raton, FL 33431. Vol 1. *Essential Principles and Practices*. 568 pages; illustrated. ISBN 0-8493108-6-5. 2002. Price \$139.95. Vol 2. *Animal Models*. 264 pages; illustrated. ISBN 0-8493108-4-9. 2002. Price \$99.95.

Handbook of Laboratory Animal Management and Welfare (3rd edition)

Reviewed by Michael S. Rand, DVM, DACLAM

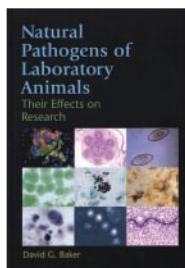


The third edition of *Handbook of Laboratory Animal Management and Welfare* offers updated information for use by veterinarians, veterinary students, technicians, and other people who work with laboratory animals. All major aspects of animal care and welfare are covered in this manual, with an emphasis on implementation of best-practice techniques and refinement of tradi-

tional methods. Chapter topics include management of pain and distress; introduction to animal husbandry; and health, safety, and security. The book also includes specific chapters on primates, birds, amphibians, and various other species. New features include an expanded chapter on pain, stress, and humane end points; a separate chapter on genetically engineered and mutant animals; and incorporation of useful Web sites and equipment within appropriate chapters rather than as a separate section. The exclusive focus is on laboratory animal management and welfare within the United Kingdom. However, information in some chapters, such as the species-specific chapters, may be universally applied. Highlights include a chapter on introduction to surgery and suturing, which offers novice surgeons an excellent preface to the subject. In addition, the chapter on pain, stress, and humane end points offers an extremely practical and useful approach to the subject. One deficiency is that tables do not provide citations, so readers are left wondering about the source of the information. Overall, although it may be of interest to learn standards of care that are used in other countries, this book would be of little or no practical benefit to laboratory animal practitioners in the United States because the same information may be obtained from other sources.—By Sarah Wolfenshon & Maggie Lloyd. 416 pages; illustrated. Iowa State Press, 2121 State Ave, Ames, IA 50014-8300. ISBN 0-405-11159-3. 2003. Price \$55.99.

Natural Pathogens of Laboratory Animals: Their Effects on Research

Reviewed by C. Max Lang, DVM, DACLAM



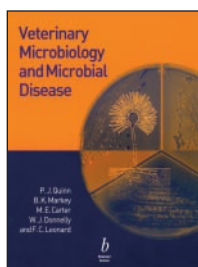
Natural Pathogens of Laboratory Animals: Their Effects on Research is an extremely interesting book on natural pathogens that can affect research or, perhaps more appropriately, those pathogens of laboratory animals that can affect the interpretation of research data. It is written for research scientists and laboratory animal veterinarians. The usefulness of this textbook to research scientists

will depend on their training in the biological sciences; however, it should have some appeal to veterinarians in general, especially those who care for pocket pets in their practices.

The book addresses housing as an environmental variable, and the other chapters are organized on the basis of pathogens of rats and mice, gerbils, hamsters, guinea pigs, rabbits, ferrets, cats, dogs, swine, and non-human primates. Pathogens are characterized as viruses, bacteria, fungi (when appropriate), and parasites. Each organism is further characterized by a description of the agent, epidemiologic factors, clinical signs, pathologic processes, interference with research, and methods of diagnosis and control. The writing style is largely that of declarative sentences, making it most useful as a reference text rather than a teaching text. The references at the end of each chapter are organized by pathogen (each starting with the numeral 1), making it somewhat cumbersome to look up references for additional information; this is probably made necessary by the large number of references, with more than 900 references for the chapter on rats and mice alone. It is adequately indexed, although the table of contents provides a more rapid guide to the contents. The book is reasonably priced.—By David G. Baker. 397 pages; illustrated. American Society for Microbiology, 1752 N St NW, Washington, DC 20036-2804. ISBN 1-55581-266X. 2003. Price \$119.95.

Veterinary Microbiology and Microbial Disease

Reviewed by Stephen M. Boyle, PhD



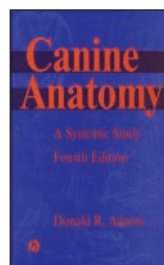
Veterinary Microbiology and Microbial Disease is a soft-cover textbook that addresses in a concise manner the needs of students and instructors in introductory veterinary microbiology courses encompassing bacteria, viruses, and molds. In general, it is well written but is not overly endowed with figures illustrative of principles, complex phenomena, or disease-related processes. The lack of

color presumably helps keep the cost relatively low for a professional text but detracts from helping students understand a particular point or principle (eg, α hemol-

ysis on blood agar). The book is divided into 6 sections, 2 of which may be considered unnecessary (Introductory Bacteriology and Introductory Virology) but that may be helpful when a microbiology course is not a prerequisite for entry to the veterinary curriculum. A third section is Microbial Agents and Disease Production. The 2 introductory sections provide a concise review of bacteria and viruses as microorganisms, whereas the third section provides insights on how and where pathogens interact with specific tissues of the host, as well as how chemicals and the immune system can be used to control or limit infections. The remaining 3 sections are on bacteriology of pathogenic bacteria, virology, and mycology in a veterinary context. Some positive points include the use of recent citations in the references and further reading lists, as well as a key-point list for many of the chapters. Chapter 4 on bacterial genetics is comprehensive but has 2 oversights: not all bacteria have a single chromosome (eg, *Brucella* spp), and lateral gene acquisition is a major component of bacterial adaptation that happens frequently (eg, R-factors). This text will undoubtedly be improved and will probably be provided in the form of an electronic text with plenty of colors.—By P. J. Quinn, B. K. Markey, M. E. Carter, W. J. Donnelly, & F. C. Leonhard. 536 pages; illustrated. Iowa State Press, 2121 State Ave, Ames, IA 50014-8300. ISBN 0-632-05525-1. 2002. Price \$79.99.

Canine Anatomy: A Systematic Study (4th edition)

Reviewed by Kevin K. Haussler, DVM, DC, PhD



Canine Anatomy: A Systematic Study is a useful and appropriately illustrated book that includes a good balance of concise text and innovative line drawings that provide a detailed representation of terms, concepts, or structures of interest. The illustrations are carefully considered and rendered in sufficient detail to capture the essence of the concept or region of interest.

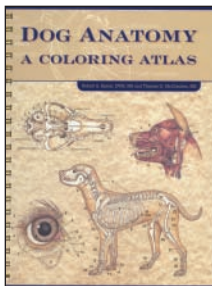
There is a consistent attempt to try to keep related text and the names of numbered labels on the same page as the illustrations or on the facing page, which is useful for readily identifying labeled structures.

The material is organized into superficial morphology (integument and fascia) and the musculoskeletal, respiratory, digestive, urogenital, cardiovascular, lymphoreticular, and peripheral nervous systems. Excellent introductory information is provided on dogs, although anatomic differences associated with cats are also described. This textbook is an excellent adjunct to *Miller's Anatomy of the Dog*, which students may need to use for specific details. Objectives and lists of structures are provided at the beginning of each chapter. Anatomic terms that are used for the first time or difficult words are highlighted throughout the textbook for ease of identification and review. Additional useful information includes singular and plural spellings and pronunciations. The book is fairly priced and is an excellent addition to the library of veterinary students or anyone interested in a simple and concise

systematic review of canine anatomy.—By Donald R. Adams. 448 pages; illustrated. Iowa State Press, 2121 State Ave, Ames, IA 50014-8300. ISBN 0-8138-1281-X. 2003. Price \$69.99.

Dog Anatomy: A Coloring Atlas

Reviewed by Judy Klimek, DVM, MS



Dog Anatomy: A Coloring Atlas is intended for dog owners, breeders, and show judges who want basic knowledge of anatomy and is also suggested as an appropriate introduction to anatomy for veterinary and veterinary technician students or biology students. It is organized by regions and contains 84 black-and-white plates designed to be used in any order, with illustrations on the right and

labels and explanatory text on the left of facing pages. The book has general instructions, and each plate has specific suggestions for use of color to enhance the learning value.

The book fits its intended audience. It has accurate drawings that are simplified enough for ease of coloring and provide basic anatomic information. The illustrations are appealing and lend themselves easily to the use of color, yet could be profitably studied without color. The explanatory text often goes beyond the information in the illustrations to include practical applications for conditions such as patent ductus arteriosus and hip dysplasia. Anatomic terms are provided in English rather than Latin; this feature would likely make the book more appealing for its intended audience but may seem odd to individuals familiar with anatomic terms.

The text is occasionally too technical for a typical layperson, or an item will be mentioned without sufficient explanation. There are some errors in labeling, including names and numbers that are reversed in the key, labels in the key that are missing from the corresponding illustration, and a few factual errors. The text could have been strengthened by more explanation of flexion and extension of joints in the limbs; this is a concept that is somewhat glossed over and difficult to locate in the text. The wire binding on the book makes it a little difficult to leaf through pages, but the book lies flat when open, which is a nice feature in an atlas. These concerns are all minor and should not detract from the usefulness of the book for its intended audience.—By Robert A. Kainer & Thomas O. McCracken. 90 pages; illustrated. Teton NewMedia, PO Box 4833, Jackson, WY 83001. ISBN 1-89344-117-2. 2002. Price \$25.00.

Neurology for the Small Animal Practitioner (Made Easy Series)

Reviewed by Karen R. Muñana, DVM, MS

Neurology for the Small Animal Practitioner was written with the intent that it would be a practical,



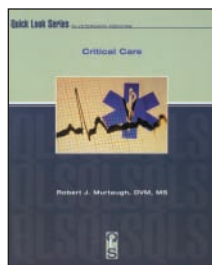
quick-reference handbook of common neurologic problems for busy small animal practitioners. The authors have achieved this goal. The book is a detailed, up-to-date compilation of small animal clinical neurology organized in a concise, easy-to-use format.

The first section of the book is devoted to a review of relevant neuroanatomy, as well as performance and interpretation of the neurologic examination. Each of the subsequent 15 sections focuses on a chief neurologic complaint, with topics such as seizures, neck or back pain, and chronic paraparesis. The authors have done an exceptional job of organizing these sections to be comprehensive and readily applicable to typical clinical situations. General information on localization of lesions, differential diagnoses including frequency or prevalence, and recommended diagnostic evaluation is outlined for each problem, followed by a more in-depth discussion of important diagnostic, therapeutic, and prognostic features of specific diseases. There are numerous images and figures that complement the text, along with tables and algorithms that provide a quick reference to useful diagnostic and therapeutic information.

The book contains only limited information on the basic principles of commonly used neurodiagnostic methods, including advanced imaging techniques, myelography, analysis of CSF, and electrophysiologic studies. Because most general practitioners do not have extensive experience with these specialized tests, a more extensive review of this subject would have served as a beneficial resource for interpretation of the neurodiagnostic findings included throughout the book. Nonetheless, this book contains a tremendous amount of useful information at a reasonable cost and is certain to be a valuable addition to the library of all small animal practitioners.—By Cheryl Chrisman, Christopher Mariani, Simon Platt, & Roger Clemmons. 349 pages; illustrated. Teton NewMedia, PO Box 4833, Jackson, WY 83001. ISBN 1-89344-182-2. 2002. Price \$48.00.

Critical Care (Quick Look Series in Veterinary Medicine)

Reviewed by K. Gary Magdesian, DVM, DACVECC, DACVIM



Critical Care (Quick Look Series in Veterinary Medicine) is a timely overview of veterinary critical care medicine, especially considering the rapid growth and advancements in the field of veterinary emergency and critical care within the past few years. It uses a format that allows for easy reading and rapid searching of topics. It is a current reference on small animal critical care topics, providing brief reviews of these subjects. Considering the number of

chapters and short length of each, as well as the large number of authors, the book is extremely complete and surprisingly uniform throughout.

The book has 59 chapters that cover the essentials of critical care. It is divided into 4 sections (fluids-acid base, critical care support, multisystemic disorders, and critical care diseases). The first section provides particularly informative discussions of electrolyte disorders, including those of sodium, potassium, calcium, phosphorus, and magnesium. The second section provides descriptions of clinical techniques used in monitoring and treatment. The physiologic mechanisms of shock, sepsis, and coagulation disorders are outlined in the third section, highlighting the fact that the book is more than a simple outline for diagnosis and treatment; it contains brief reviews on physiologic and pathophysiologic processes. Section 4 provides details for management of specific diseases and organ dysfunction. The book provides helpful illustrations and diagrams as well as lists of differential diagnoses. Sample calculations are also provided. The index and glossary facilitate the search for specific topics. A list of questions at the end of the book encourages self-study for veterinary students and highlights major points emphasized in the text. One notable omission is a complete list of credentials for some of the contributors; a number of authors are diplomates of the American College of Veterinary Emergency and Critical Care, but this is not specified.

This textbook is not meant to serve as an in-depth resource for critical care, and readers looking for more detailed and extensive reviews are referred elsewhere. Instead, it is an excellent quick reference (as the format implies) for veterinary students, general practitioners, and house officers. Overall, the book is a well-written and concise reference and is a useful addition to the Quick Look Series.—By Robert J. Murtaugh. 136 pages; illustrated. Teton Newmedia, PO Box 4833, Jackson, WY 83001. ISBN 1-893441-88-1. 2002. Price \$35.00.

Zoo and Wild Animal Medicine (5th edition)

Reviewed by Jennifer N. Langan, DVM, DACZM



The fifth edition of *Zoo and Wild Animal Medicine* has returned to the earlier comprehensive format of covering all animal groups (eg, fish, amphibians, reptiles, birds, and mammals), in contrast to the style used in the third and fourth editions. A long-awaited update, this edition provides species-specific biological and reproductive information, hematologic and serum biochemical variables, anesthetic agents, drug formularies, and disease information in easy-to-find tables throughout each chapter. Although there are other textbooks that may offer more information about specific taxa, only this one is designed to serve as a comprehensive basic textbook for veterinarians devoted to working with captive and free-ranging wild animals.

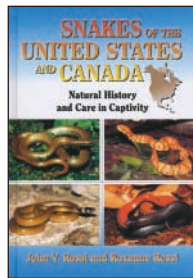
The book is divided into 6 parts (Fish, Amphibian Groups, Reptile Groups, Avian Groups, Mammal Groups, and Diseases Common to Multiple Taxa). Each part is subdivided into 1 to 30 chapters arranged on the basis of taxonomic order or, as in the last section of the book, specific diseases (eg, anthrax, rabies, or toxoplasmosis). Most chapters are divided into sections, including, biology, unique anatomy and physiology, special housing requirements, feeding, restraint and handling, anesthesia and surgery, diagnostics, diseases, reproduction, preventive medicine, and references. The amphibian, reptilian, and avian sections heavily emphasize biological and taxonomic information.

Overall, this edition has improved consistency from chapter to chapter, which makes the book easier to read and use as a reference. A major effort was made to reflect worldwide expertise in zoologic medicine, with 75 authors from 10 countries contributing to this edition. The book is organized extremely well, but the index could have been expanded. In some cases, important information, such as ivermectin toxicosis in chelonians, may be difficult to find. In a few chapters, space is devoted to large or out-of-focus illustrations that do not substantially contribute to the understanding of the material, whereas other chapters in which illustrations would have been helpful are devoid of pictures. Lastly, the chapter on fish succeeds in summarizing a large amount of information and includes extremely detailed taxonomic descriptions. It would have been helpful to have more chapters or pages devoted to this section.

I recommend this book as a must-have text for anyone working in the field of zoologic and wildlife medicine; however, it should be recognized as being a complement to, rather than a replacement for, earlier editions.—By Murray E. Fowler & Eric Miller. 992 pages; illustrated. WB Saunders Co, The Curtis Center, Independence Square West, Philadelphia, PA 19106. ISBN 0-7216-9499-3. 2003. Price \$129.00.

Snakes of the United States and Canada: Natural History and Care in Captivity

Reviewed by Barbara A. Wolfe, DVM, PhD, DACZM



Snakes of the United States and Canada: Natural History and Care in Captivity is an organized, useful reference manual for snake enthusiasts and practitioners. Each species of North American snake is described with regard to natural history, habitat, and husbandry and accompanied by large uniform photographs. Basic information is easy to find because the chapter on

each species includes a reader-friendly list that includes basic morphology, specific husbandry recommendations, special considerations, and even a

maintenance-difficulty index as well as a map of its home range. Part 1 is a delightful overview of general natural history, husbandry, first aid, breeding, and a discussion of conservation and the ethics of release. Although not a medical text, this book will come in handy for practitioners looking for species-specific behavioral and common medical problems, as well as providing a means for rapid identification of snakes. The authors clearly have a long history of experience keeping and breeding snakes. Although not all snake enthusiasts and practitioners will agree with every recommendation, suggestions are appropriately described and justified. The style of writing and inclusion of many anecdotes within the text make this book a pleasure to read as well as a valuable reference. I highly recommend it.—By *John V. Rossi & Roxanne Rossi*. 576 pages; illustrated. Krieger, PO Box 9542, Melbourne, FL 32902. ISBN 1-57524-031-9. 2003. Price \$145.00.

Exotic Animal Medicine for the Veterinary Technician

Reviewed by **Karen Hrapkiewicz, DVM, MS, DACLAM**

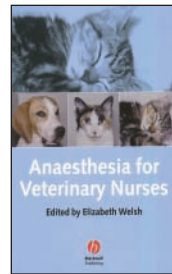


The authors have done an excellent job of compiling a much-needed textbook on exotic animal medicine for veterinary technicians. *Exotic Animal Medicine for the Veterinary Technician* has practical information that is provided in an upbeat, fun-to-read format. The role of technicians in veterinary practices that deal with exotic animals is nicely detailed. The importance of obtaining a medical history and performing a physical examination on each patient is emphasized. This book has separate chapters on a wide range of species (birds, lizards, snakes, chelonians, amphibians, ferrets, rabbits, chinchillas, guinea pigs, and hedgehogs) and a chapter on mice, rats, gerbils, and hamsters. Each chapter has a similar format with anatomic and physiologic characteristics unique to the species, husbandry, nutrition, common diseases, zoonoses, and pertinent clinical information. Restraint methods, common techniques, anesthesia, surgery, radiology, and euthanasia are explained in sufficient detail to be useful in a practice setting. The line drawings are exceptional. They add a nice touch and allow novices to understand basic anatomy and techniques. Information on wildlife permits, handling and restraint of wildlife species, songbirds, species care sheets, biological data of wild mammals, and sources of wildlife products is provided in various appendices. The textbook

is reasonably priced and should appeal to a wide range of readers, including veterinary technician students and veterinary technicians working in private practices or wildlife areas.—By *Bonnie Ballard & Ryan Cheek*. 320 pages; illustrated. Iowa State Press, 2121 State Ave, Ames, IA 50014-8300. ISBN 0-8138-1928-8. 2003. Price \$49.95.

Anaesthesia for Veterinary Nurses

Reviewed by **Allen R. Balay, DVM**



Faculty members in veterinary technician programs have struggled for years because of a lack of appropriate textbooks in many disciplines. A number of books have recently been released for veterinary technicians. *Anaesthesia for Veterinary Nurses* is the first book released in the United Kingdom on the principles and practice of anesthesia aimed specifically at veterinary technicians. It is intended for veterinary technician students in the United Kingdom and for graduate veterinary technicians as an in-depth overview of anesthesia. It contains 15 chapters, including those on rabbits, ferrets, and rodents as well as avians, reptiles, and large animals.

The book is appropriately prepared and illustrated and logically designed and indexed. It includes tables for patient assessment, dosages, and advantages and disadvantages for various tasks. Also, there is a prominent inclusion of helpful checklists for necessary equipment and summary boxes of drug effects. Several chapters are extremely well written to enable veterinary technicians to understand patient recovery, including specific procedures that may be used for patients during recovery. The explanations of the physiologic characteristics of oxygen transport and physical principles of inhalants are valuable.

The distractions for most readers, especially veterinary technician students in the United States, are the unusual spelling of many words as well as the inclusion of drugs not available in the United States. The first chapter provides a large amount of information on the role of veterinary nurses and regulations affecting veterinary nurses in the United Kingdom. I cannot envision that this book will replace available textbooks on this subject for veterinary technician students in the United States. I do see this textbook as a beneficial resource for educators of veterinary technicians. The summary boxes and explanations included make this book an asset for teachers of veterinary technicians.—By *Elizabeth Welsh*. 368 pages; illustrated. Iowa State Press, 2121 State Ave, Ames, IA 50014-8300. ISBN 0-632-05061-6. 2003. Price \$54.99.

Books Received

Animal Cruelty: Pathway to Violence Against People. By Linda Merz-Perez & Kathleen M. Heide. 191 pages; illustrated. Rowman & Littlefield Publishing Group, 4501 Forbes Blvd, Lanham, MD 20706. ISBN 0-7591-0304-6. 2003. Price \$24.95.

Bovine Anatomy: An Illustrated Text. By Klaus-Dieter Budras, Robert E. Habel, Gisela Johrmärker, Renate Richter, & Diemut Starke. 138 pages; illustrated. Iowa State Press, 2121 State Ave, Ames, IA 50014-8300. ISBN 3-89993-000-2. 2003. Price \$84.99.

Canine and Feline Endocrinology and Reproduction. By Edward C. Feldman & Richard W. Nelson. 3rd ed. 1,089 pages; illustrated. WB Saunders Co, The Curtis Center, Independence Square West, Philadelphia, PA 19106. ISBN 0-7216-9315-6. 2004. Price \$105.00.

A Caring Profession: The Story of Veterinary Medicine in California. By Marilyn Jensen. 224 pages; illustrated. California Veterinary Medical Association, 1400 River Park Dr, Ste 100, Sacramento, CA 95815-4505. ISBN 10882824-24-5. 2003. Price \$50.00.

Cattle Plague: A History. By C. A. Spinage. 765 pages; illustrated. Kluwer, 100 Borough High St, London, SE1 1LB, UK. ISBN 0-306-47789-0. 2003. Price \$249.50.

Complementary and Alternative Veterinary Medicine Considered. By David W. Ramey & Bernard E. Rollin. 320 pages; illustrated. Iowa State Press, 2121 State Ave, Ames, IA 50014-8300. ISBN 0-8138-2616-0. 2003. Price \$39.95.

The Complete Pet Bird Owner's Handbook. By Gary A. Gallerstein. 3rd revised ed. 441 pages; illustrated. Avian Publications, 6380 Monroe St NE, Minneapolis, MN 55432. ISBN 1-895270-1. 2003. Price \$34.95.

Finfish and Shellfish Bacteriology Manual. By Kimberley A. Whitman. 258 pages; illustrated. Iowa State Press, 2121 State Ave, Ames, IA 50014-8300. ISBN 0-8138-1952-0. 2004. Price \$49.99.

Handbook of Behavior Problems of the Dog and Cat. By Gary Landsberg, Wayne Hunthausen, & Lowell Ackerman. 2nd ed. 554 pages and 1 CD-ROM; illustrated. WB Saunders Co, The Curtis Center, Independence Square West, Philadelphia, PA 19106. ISBN 0-7020-2710-3. 2004. Price \$69.95.

Handbook of Veterinary Contrast Radiography. By Seth T. Wallack. 160 pages; illustrated. San Diego Veterinary Imaging Inc, 361 N Sierra Ave, Solana Beach, CA 92075. ISBN 0-9743447-1-0. 2003. Price \$50.00.

Principles of Virology: Molecular Biology, Pathogenesis, and Control of Animal Viruses. By S. J. Flint, L. W. Enquist, V. R. Racaniello, & A. M. Skalka. 2nd ed. 918 pages; illustrated. American Society for Microbiology, 1752 N St NW, Washington, DC 20036-2804. ISBN 1-55581-259-7. 2004. Price \$109.95.

Textbook of Respiratory Disease in Dogs and Cats. Lesley G. King. 665 pages; illustrated. Saunders, 11830 Westline Industrial Dr, St Louis, MO 63146. ISBN 0-7216-8706-7. 2004. Price \$89.95.

Veterinary Histology. (Quick Look Series in Veterinary Medicine). By Jo Ann C. Eurell. 101 pages and 1 CD-ROM; illustrated. Teton NewMedia, PO Box 4833, Jackson, WY 83001. ISBN 1-893441-95-4. 2003. Price \$39.00.

Veterinary Services: Organisation, Quality Assurance, Evaluation. By E. Correa Melo & F. Gerster. 768 pages and 1 CD-ROM; illustrated. Office International des Épizooties, 12 Rue de Prony, 75017 Paris, France. ISBN 92-9044-596-3. 2003. Price \$52.79.

Zoonoses: Infectious Diseases Transmissible from Animals to Humans. By Hartmut Krauss, Albert Weber, Max Appel, Burkhard Enders, Henry D. Isenberg, Hans Gerd Schiefer, Wener Slenczka, Alexander von Grawvenitz, & Horst Zahner. 3rd ed. 456 pages; illustrated. American Society for Microbiology, 1752 North St NW, Washington, DC 20036. ISBN 1-55581-236-8. 2003. Price \$79.95.