

A Veterinary Guide To The Parasites Of Reptiles Vol 2 Arthropods Excluding Mites

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Veterinary Clinical Parasitology Anne M. Zajac 2012-02-28 Veterinary Clinical Parasitology, Eighth Edition, prepared under the auspices of the American Association of Veterinary Parasitologists (AAVP), emphasizes the morphologic identification of both internal and external parasites of domestic animals. Focusing on the tests and information most relevant to daily practice, the book describes accurate, cost-effective techniques for diagnosing parasitic infections in animals. Including clear, easy-to-find information on the distribution, life cycle, and importance of each parasite, Veterinary Clinical Parasitology offers more than 450 images to aid with diagnosis. The Eighth Edition includes a new chapter on immunologic and molecular diagnosis, increased coverage of ticks and new sections on identification of microfilariae and larvae in diagnostic samples. The new edition also features expanded information on quantitative egg counts, detection of anthelmintic resistance and identification of ruminant strongylid larvae. Additional improvements include many new images throughout the book, revised taxonomic information, a new layout featuring tabs by section to improve user-friendliness, and a companion website offering the images from the book in PowerPoint at www.wiley.com/go/zajac. Veterinary Clinical Parasitology is a highly practical benchside reference invaluable to clinicians, technicians, and students.

Ask the Vet about Cats Elaine Wexler-Mitchell 2003 This book gives recommendations on how to properly care for you cat at home versus when to seek veterinary care. Answers to over 80 of the most commonly asked care questions. **Georgis' Parasitology for Veterinarians** Dwight D. Bowman 2009 Now in full color, this comprehensive reference provides current information on all parasites commonly encountered in veterinary medicine. This edition also covers organisms that infect poultry, laboratory animals, and exotic species.

Protecting against parasites 2008

Veterinary Ectoparasites Richard L. Wall 2008-04-15 Ectoparasites are of growing significance in modern veterinary medicine and a detailed understanding of the biology of these parasites is fundamental to their appropriate treatment and control. The authors of this book have therefore provided a complete overview of the biology, and behaviour of arthropod ectoparasites along with the pathology and treatment of diseases in livestock and companion animals of temperate habitats. This is the only up-to-date book available written specifically for practitioners and students of veterinary medicine, animal husbandry and applied animal sciences. Such a unique volume is essential because in veterinary parasitology, ectoparasites such as the lice, mites, ticks, fleas or dipteran agents of myiasis assume far greater prominence than in other parasitological disciplines. Ectoparasite infestation of domestic and companion animals, therefore, has overt clinical features requiring a distinct approach to diagnosis and control. This book has been written with this in mind. The text takes a unique integrated approach combining both ectoparasite biology and veterinary dermatology. In the second edition of this successful book (previously, entitled Veterinary Parasitology), the detailed coverage of individual ectoparasite species has been expanded. Up-to-date information of new veterinary drugs and modes of application has been included and the practical clinical relevance of the information has been strengthened.

Diagnostic Parasitology for Veterinary Technicians – E-Book Charles M. Hendrix 2016-08-07 Recognize and treat the parasites seen in veterinary practice! Diagnostic Parasitology for Veterinary Technicians, 5th Edition features clear and concise discussions of the most commonly encountered internal and external parasites. Chapters are organized by parasite group – including nematodes, cestodes, trematodes, protozoans, arthropods, and leeches – and include a detailed description of the group, with special emphasis on morphology, life cycle, and important parasites. Then in each chapter, material is conveniently organized by host species: dogs, cats, horses, ruminants, swine, birds, lab animals, fish, and reptiles. Written by noted educators Charles Hendrix and Ed Robinson, this full-color, spiral-bound book provides the knowledge that veterinary technicians need to collect samples, perform lab procedures, and communicate with clients and other members of the veterinary team. Clear, concise coverage simplifies information on the most commonly encountered internal and external parasites, preparing you for credentialing exams and the veterinary clinic. More than 470 full-color photos show exactly what ova, adult parasites, and parasitic diseases look like, so you can identify them more easily when viewing lab samples. Step-by-step guidelines in the Laboratory Procedures chapter describe how to gather samples and how to perform the laboratory techniques used in identifying parasites. Emphasis on the zoonotic potential of parasites helps you alert clients and other health care workers to the significance of zoonotic parasites and shows ways in which you can prevent transmission of a zoonotic parasite, condition, or syndrome from animals to humans. Logical chapter organization follows the sequence of parasitology classes, beginning with a basic overview of external parasites, internal parasites, and nematodes, followed by chapters that go into detail of the parasites by host species. An appendix lists the parasites of each species and shows their location in the text, making information easy to find. Heartworm section helps you recognize and treat heartworms with an in-depth discussion of the performance and interpretation of diagnostic tests for this major parasite. Summary tables show how to categorize parasites, and include such categories as body systems affected, taxonomic grouping, host species, and location in host. Table of parasites at the front of the book is arranged by host species and includes page numbers for cross-reference throughout the book. Vet Tech Threads design makes learning easier with chapter outlines, chapter objectives, key terms, and Technician Notes in every chapter. Chapter on terminology familiarizes you with the basic language and classification scheme of parasitology for more effective communication with clients and colleagues. Flash cards on the Evolve companion website help you learn and memorize key facts about the major parasites, including audio pronunciations. Workbook/textbook format provides immediate review tools through matching exercises and questions for thought and discussion at the end of each chapter.

Diagnostics and Therapy in Veterinary Dermatology Dawn Logas 2021-10-08 Diagnostics and Therapy in Veterinary Dermatology presents thorough coverage of the latest discoveries, drugs, and treatments for dermatologic conditions in animals. Chapters written by experts in each respective area of veterinary dermatology contain up-to-date information on new diagnostic tools and tests, autoimmune diseases, parasitic and fungal infections, medical management of acute and chronic conditions, alternative dermatologic therapies, and more. Offering practical solutions for both specialist and general practice veterinarians dealing with dermatology cases, this wide-ranging resource also addresses antibiotic resistance and misuse, the availability of foods for elimination diet trials, problems with generic drugs, emerging infectious diseases, and other important problems currently facing the profession. Throughout the text, veterinary practitioners are provided with real-world guidance on improving how they work up their dermatology cases and strengthening communication between the primary care veterinarian and the dermatologist. Edited by a leading board-certified dermatologist, this volume: Focuses on cats and dogs Includes numerous high-quality clinical photographs illustrating all key concepts Covers topics such as how to use your nursing staff to the fullest, the One Health movement, and how changing climate is increasing the spread of certain dermatologic diseases Discusses approaches for building a better working relationship between clients, primary care veterinarians and dermatologists Provides insights on the future of technology in the diagnosis and treatment of dermatologic diseases Covering the very latest developments in the field, Diagnostics and Therapy in Veterinary Dermatology is essential reading for veterinary dermatologists, veterinary students, and any veterinary general practitioner with a dermatology caseload. **Veterinary Parasitology Reference Manual** William J. Foreyt 2013-05-31 Veterinary Parasitology Reference Manual, Fifth Edition is apactical, thorough, bench top reference for basic diagnosticveterinary parasitology. The manual provides pertinent informationon parasite life cycles, importance, location in the host, zoonoticpotential, current literature, diagnosis, and treatment. It alsoincludes step-by-step instructions for the most common diagnosticprocedures used in routine veterinary practice. Sections are organized by animal host species, including dogs/cats; cattle, sheep and goats; llamas; horses; pigs; birds; ratites (ostriches, emus, and cassowaries); and laboratory animals, as wellas wildlife, reptiles, marine mammals, and humans. There is asection in which common artifacts found in fecal samples arepresented, and the last section includes conversion tables and alist of abbreviations. Features of the Fifth edition include: * updated and enhanced references * information on new drugs * improved section on parasites of marine mammals * sections on parasites of laboratory animals and humans * over 500 photographs and figures Readers will find this to be an easily accessible and accurateresource for information about parasites in a variety of animals –wild, domestic, common and exotic.

Essentials of Tortoise Medicine and Surgery John Chitty 2013-09-23 Reach for this book whenever a sick or injured tortoise comes into the surgery. Essentials of Tortoise Medicine and Surgery is designed as a concise and practical quick reference for the busy practitioner seeing chelonians as part of their caseload. Covering everything from species identification to common basic surgery for tortoises and freshwater turtles, the emphasis is on the more common and likely diagnoses. The first section of the book gives an overview of the basics of tortoise and semi-aquatic/ aquatic freshwater turtle husbandry and keeping, as well as a guide to general investigation and diagnostic techniques open to clinicians. The second section provides a clinical guide based on clinical signs and differential diagnoses. Based upon the experience of authors who have been practicing with these species for several decades, this book is a useful guide to veterinarians, students, veterinary nurses and technicians new to working with these fascinating creatures. It will also serve as a useful aide memoir to more experienced clinicians.

Veterinary Parasitology Reference Manual Bill Foreyt 1989

Parasitic Diseases of Fish A. W. Pike 1994

A Handbook of Veterinary Parasitology Henry Joseph Griffiths 1978

Diagnostic Techniques in Veterinary Dermatology Ariane Neuber 2017-06-26 "The focus is on how to carry out techniques in small animals, with additional information relevant to horses and exotic pet species incorporated into each chapter"— Provided by publisher.

A Veterinary Guide to the Parasites of Reptiles Susan M. Barnard 1994 This volume is the first in a series covering the diagnosis and treatment of reptilian parasites. Information is presented in annotated outline form for quick reference. Chapters are divided by phyla and include descriptions of recently recognised parasitic protozoa of reptiles; their hosts, host locations and modes of transmission are given, as well as their life cycles when known. The text also includes a chapter on laboratory procedures for the herpetoculturist and a bibliography of approximately 250 references. **Animal Parasites** Heinz Mehlhorn 2016-12-01 This textbook focuses on the most important parasites affecting dogs, cats, ruminants, horses, pigs, rabbits, rodents, birds, fishes, reptiles and bees. For each parasite, the book offers a concise summary including its distribution, epidemiology, lifecycle, morphology, clinical manifestations, diagnosis, prophylaxis and therapeutic measures. Numerous informative tables and more than 500 color micrographs and schemes present the most important aspects of the parasites, their induced diseases and the latest information on suitable prevention and control measures. 100 questions at the end of the book offer readers the chance to test their comprehension. The book is well suited as both a textbook and a reference guide for veterinarians, students of the veterinary and life sciences, veterinarian nurses, laboratory staff, and pet and livestock owners.

A Veterinary Guide to the Parasites of Reptiles 2000

Cryptosporidium: parasite and disease Simone M. Cacciò 2013-11-29 This new volume on Cryptosporidium and Cryptosporidiosis discusses all relevant aspects of the biology, molecular biology, host-parasite interaction, epidemiology as well as diagnosis and treatment of these widespread parasites. It represents a useful guide for physicians, microbiologists, veterinarians and water professionals seeking advanced knowledge and guidance about these important parasitic pathogens. A section on practical lab procedures discusses step-by-step guidelines for sample preparation and lab procedures. The new book may further serve as a reference work for graduate students in medical and veterinary microbiology.

A Guide to Veterinary Parasitology for Veterinary Students and Practitioners Thomas Southwell 1938

Parasites and Pets Hany Elsheikha 2018-01-31 This book, primarily focussing on parasitic diseases of cats and dogs, is designed specifically for veterinary nurses and students and adopts an enquiry based approach essential for consolidating knowledge and a deep practical understanding of this important subject. The book goes beyond the conventional discourse of parasitology books, with each chapter addressing questions commonly posed by clients. It is illustrated throughout with colour figures and readers can assess their knowledge and areas for development by completing the end of chapter self-assessment questions. In this way, the veterinary nurse will be fully equipped to professionally support veterinary surgeons in achieving optimal strategies for management of parasitic diseases of companion animals. Provides a unique enquiry-based approach to assist veterinary nurses and technicians in gaining essential knowledge and practical understanding of parasites. Contains self-assessment MCQ sections designed to encourage the reader to question their practice, rationales, and the evidence base of parasitology care delivery they provide to patients. Focuses on the dog and cat, the most commonly seen pets.

Biological & Agricultural Index 1996

External Parasites of Small Ruminants A Practical Guide to their Prevention and Control Peter George Bates 2012 This book is comprised of 11 chapters covering the prevention and control of ectoparasites that contribute to disease and infection in sheep and goats, types of parasites, diseases caused by these parasites and control methods that are currently available. Moreover, the implications of these ectoparasitoses on animal welfare and environmental impacts are also discussed. Focus is given on mites (Acari), ticks (Ixodida), lice (Phthiraptera), flies (Diptera), fleas (Siphonaptera), diagnosis, prevention, chemical control, alternative control methods and economic damage.

Handbook of Equine Parasite Control Martin K. Nielsen 2018-07-11 Handbook of Equine Parasite Control, Second Edition offers a thorough revision to this practical manual of parasitology in the horse. Incorporating new information and diagnostic knowledge throughout, it adds five new sections, new information on computer simulation methods, and new maps to show the spread of anthelmintic resistance. The book also features 30 new high-quality figures and expanded information on parasite occurrence and epidemiology, new diagnostics, treatment strategies, clinical significance of infections, anthelmintic resistance, and environmental persistence. This second edition of Handbook of Equine Parasite Control brings together all the details needed to appropriately manage parasites in equine patients and support discussions between horse owners and their veterinarians. It offers comprehensive coverage of internal parasites and factors affecting their transmission; principles of equine parasite control; and diagnosis and assessment of parasitologic information. Additionally, the book provides numerous new case histories, covering egg count results from yearlings, peritonitis and parasites, confinement and deworming, quarantine advice, abdominal distress in a foal, and more. A clear and concise user-friendly guide to equine parasite control for veterinary practitioners and students Fully updated with new knowledge and diagnostic methods throughout Features brand new case studies Presents 30 new high-quality figures, including new life-cycle charts Provides maps to show the spread of anthelmintic resistance Handbook of Equine Parasite Control is an essential guide for equine practitioners, veterinary students, and veterinary technicians dealing with parasites in the horse.

Medical and Veterinary Entomology Gary R. Mullen 2018-10-02 The first and second editions of Medical and Veterinary Entomology, edited by Gary R. Mullen and Lance A. Durden, published in 2002 and 2009, respectively, have been highly praised and become widely used as a textbook for classroom instruction. This fully revised third edition continues the

focus on the diversity of arthropods affecting human and animal health, with separate chapters devoted to each of the taxonomic groups of insects and arachnids of medical or veterinary concern, including spiders, scorpions, mites, and ticks. Each chapter includes sections on taxonomy, morphology, life history, and behavior and ecology, with separate sections on those species of public-health and veterinary importance. Each concludes with approaches to management of pest species and prevention of arthropod-borne diseases. The third edition provides a comprehensive source for teaching medical and/or veterinary entomology at the college and university level, targeted particularly at upper-level undergraduate and graduate/postgraduate programs. In addition to its value as a student textbook, the volume has appeal to a much broader audience, specialists and non-specialists alike. It provides a key reference for Biologists in general, entomologists, zoologists, parasitologists, physicians, public-health personnel, veterinarians, wildlife biologists, vector biologists, military entomologists, the general public and others seeking a readable, authoritative account on this important topic. Completely revised and updated edition Includes a distinguished group of 40 nationally and internationally recognized contributors Sixteen new authors, in addition to 25 continuing contributors from the first and second editions A new chapter on Arthropod Toxins and Venoms Illustrated with 560, mostly color, figures and updated maps depicting the distribution of important arthropod taxa and arthropod-borne diseases A significantly expanded and well-illustrated chapter on Molecular Tools Used in Medical and Veterinary Entomology Coverage of emerging and newly recognized arthropod concerns, including mosquito-borne Zika and Chikungunya viruses; tick-borne Bourbon and Heartland viruses; tick-borne rickettsioses and anaplasmosis; and red meat allergy associated with tick bites A 1700-word Glossary An Appendix of Arthropod-Related Viruses of Medical and Veterinary Importance

A Veterinary Guide to the Parasites of Reptiles: Arthropods (excluding mites) Susan M. Barnard 1994

External Parasites of Small Ruminants Peter Bates 2012 Sheep and goats are farmed throughout the world for meat, fibre, milk and leather. These small ruminants are very susceptible to external parasites, which has significant implications for their health and welfare as well as the quality and value of the end products for which they are farmed. This book gives practical guidance on preventing and controlling ectoparasites that contribute to disease and infection in sheep and goats, discussing types of parasites, the diseases they cause and what methods of control are available, as well as wider implications such as animal welfare and environmental impacts.

Infectious Diseases and Pathology of Reptiles Elliott R. Jacobson 2007-04-11 Far from the line drawings and black-and-white photos of the past, Infectious Diseases and Pathology of Reptiles features high-quality, color photos of normal anatomy and histology, as well as gross, light, and electron microscopic images of pathogens and diseases. Many of these images have never before been published, and come directly from

Sheep, Goat, and Cervid Medicine – E-Book D. G. Pugh 2020-01-07 Get practical answers from the only guide on the care of sheep, goats, and cervids! Authoritative yet easy to read, Sheep, Goat and Cervid Medicine, 3rd Edition covers all the latest advances in the field, including diseases and medical treatment, surgery, pain management, theriogenology, and nutrition. Clear instructions and hundreds of full-color photographs guide you step by step through common procedures including restraint for examination, administration of drugs, blood collection, and grooming. New to this edition is coverage of deer and elk medicine, reflecting the growing interest in these ruminants. Written by an expert team led by Dr. D.G. Pugh, this comprehensive reference is ideal for veterinarians and also for owners of sheep and goats. Clear writing style and consistent organization makes the book easy to understand and use, with disease chapters including pathogenesis, clinical signs, diagnosis, treatment, and prevention. Coverage of both surgery and medicine in each body systems chapter makes it easier to choose between treatment options for specific disorders. Superbly illustrated surgical procedures clearly demonstrate the steps to follow in performing medical and reproductive surgery. Diverse, expert contributors include the most experienced authorities, each providing current information on the care of valuable breeding stock as well as pets. Useful appendices, now including veterinary feed directives, offer convenient access to information on drugs and drug dosages, fluid therapy, and normal values and conversions. Consistent, logical format in each body systems chapter makes information easy to find by beginning with physical examination and diagnostic procedures, followed by discussions of common diseases that involve the system. Comprehensive Feeding and Nutrition chapter covers diet evaluation, method of balancing rations, total parenteral nutrition, and examples of nutritious diets. Explanation of the differences in normal behavior between sheep and goats shows how they are not the same, and require different methods of treatment. NEW! Coverage of cervids has been added to chapters throughout the book, reflecting the growing popularity of deer and elk. NEW! Thorough content updates are made throughout the book and reflect the latest research evidence. NEW! 170 new clinical photos have been added. NEW! Anesthesia and Pain Management chapter includes a new section on pain management strategies, reflecting the emphasis on controlling pain in small ruminants. NEW! Expert Consult website offers an online version of the book, making it easy to search the entire book electronically. NEW! Two new authors are respected and well-known veterinary medicine experts and educators: Dr. Misty Edmondson and Dr. Thomas Passler.

Understanding Reptile Parasites (Advanced Vivarium Systems) Roger Klingenberg 2016-11-22 Parasites are the third leading cause of death in reptiles – use this timely guide to understand the symptoms of external parasites (like ticks and mites) and internal ones. Full of helpful lists and charts for the responsible herp keeper.

A Veterinary Guide to the Parasites of Reptiles: Arthropods (excluding mites) Susan M. Barnard 2000 This second volume is dedicated to the diagnosis and treatment of reptilian parasites. Information is comprehensive and presented in annotated outline form for quick reference. Chapters are divided by arthropod groups – mites, ticks, flies and true bugs – and include descriptions, hosts, host locations, sources of infection and life cycles. The text also includes a chapter on laboratory procedures for the herpetoculturist, and a bibliography of approximately 340 references. **Fish Parasites** James E. Bron 2021-08-31 This high quality and authoritative book answers questions on how aquatic animal diseases can be properly prevented, identified, monitored, treated and managed.

Parasites of Cattle and Sheep Andrew B. Forbes 2020-11-17 Understanding parasite biology and impact is essential when giving advice on parasite control in farm animals. In the first review devoted to parasites of domestic cattle and sheep alone, this book provides in-depth, focused advice which can be tailored to individual farms. It considers the impact of parasites, both as individual species and as co-infections, as well as epidemiological information, monitoring, and diagnostic procedures. Supported throughout by diagrams and photos to aid diagnosis, it also reviews the basis for control measures such as the responsible use of parasiticides, adaptive animal husbandry and other management practices.

Principles of Veterinary Parasitology Dennis Jacobs 2015-12-02 Principles of Veterinary Parasitology is a student-friendly introduction to veterinary parasitology. Written primarily to meet the immediate needs of veterinary students, this textbook outlines the essential parasitological knowledge needed to underpin clinical practice. Conceptual relationships between parasitic organisms, their biology and the diseases they cause are clearly illustrated. Help boxes and practical tips are included throughout alongside a wealth of colour photographs, drawings and life-cycle diagrams. Organised taxonomically with additional host-orientated chapters and focussing on parasites that commonly cause animal or zoonotic disease, welfare problems or economic losses, students worldwide will benefit from this straightforward and easy to comprehend introduction to veterinary parasitology. Key features include: An easy to navigate textbook, providing information essential for clinical studies Full colour throughout, with photographs, diagrams, life-cycles and help boxes for visual learners A companion website including a pronunciation guide, self-assessment questions and further reading lists

Merck Veterinary Manual Susan E. Aiello 2000 For more than forty years, animal health professionals have turned to the Merck Veterinary Manual for integrated, concise and reliable veterinary information. Now this manual covering the diagnosis, treatment, and prevention of diseases of companion, food and zoo animals is available on an easy-to-use, fully searchable CD-ROM. The CD includes the full text of The Merck Veterinary Manual 8/e and has been enhanced with picture links featuring original anatomical artwork and numerous clinical and diagnostic illustrations, table links and quick search links that provide quick access to cross referenced text.

A Guide to Veterinary Parasitology and Entomology for Veterinary Students and Practitioners Thomas Southwell 1938

Parasites of Marine Fish and Cephalopods Sven Klimpel 2019-05-06 This textbook provides a comprehensive, reliable and practical guide to the dissection and parasitological examination of marine fish and cephalopods. The first part provides a general introduction, presenting basic information on: parasitology, ecology of the marine environment, history and methods of fisheries and aquaculture, as well as the ecology of marine fish and cephalopods and the impact of parasites on hosts. In turn, the second part provides general information on the morphology and anatomy of marine fish and cephalopods using the example of abundant morphotypes (including e.g. habitus photos of the body cavity and internal organs). The third part covers the relevant parasitic groups, their ecology (e.g. lifecycles, transmission), related diseases, and detection. The fourth part, a comprehensive methods section, provides essential protocols and applications of common dissection methods (for roundfish, flatfish and cephalopods) and stomach content analyses, as well as parasite preservation, preparation and molecular identification. Basic calculations of the most common infection and ecological parameters are also introduced. The book's fifth and final part provides information on health risks associated with fish and cephalopod consumption, as well as the prevention of human infection through the correct handling and processing of fish samples. The appendix provides e.g. blank sheets for recording fish dissections and parasitological examinations.

Parasitology Eric S. Loker 2015-02-15 Parasitology: A Conceptual Approach is a new textbook for upper-level

undergraduate and graduate students which focuses on concepts and principles without neglecting important aspects of a traditional, taxonomically based approach to parasitology. Concentrating on concepts readers to gain a broader perspective that will increase their ability to think critically about various parasitic associations. The interfaces between the study of parasitism and prominent biological disciplines such as biodiversity, immunology, ecology, evolution, conservation biology, and disease control are highlighted. End-of-chapter questions are provided, as is an Instructor Manual. Information on individual parasites is expertly summarized in a concise appendix called the Rogues' Gallery. This appendix is organized taxonomically and includes details on taxonomy, life cycle, associated pathology, treatment, and control. Species included in the Rogues' Gallery are highlighted in red throughout the main text.

Neosporosis in Animals J.P. Dubey 2017-07-12 Key features: Written by the scientist who named this parasite and was the first to set up proper diagnostic techniques Serves as the first ever book to provide information on the parasite structure, biology, pathogenesis, clinical signs, epidemiology, prevention, and control of neosporosis Covers both approaches toward preventing & controlling this disease: Developing an efficacious vaccine and sound cattle management practices Contains a wealth of illustrations, including many of the author's original photographs of the parasite Provides basic information on immunologic and molecular aspects of the disease Abortion is a worldwide problem in the livestock industry accounting for annual economic losses of billions of dollars, and N. caninum is a major cause of it. Neosporosis is a newly recognized disease of animals. Until 1988 it was misdiagnosed as toxoplasmosis. Considerable progress in understanding the biology of neosporosis has been made in the last 30 years, resulting in more than 2,000 scientific publications. The economic importance of abortion in cattle, and the availability of knowledge, reagents, and technology used to study toxoplasmosis, have contributed to the rapid progress in understanding the biology of neosporosis. Written by pioneers in this field, Neosporosis in Animals presents a comprehensive summary of the biology of neosporosis, starting with chapter 1 on the historical background of the discovery of the disease. Subsequent chapters deal with general aspects of the biology of N. caninum (chapter 2), techniques (chapter 3), and the disease caused by this parasite in cattle (chapter 4), dogs (chapter 5), and all other animals including sheep, pigs, primates and humans (chapters 6-18). This book provides, for the first time in a single authoritative source, a complete account of the structure, biology, clinical disease, diagnosis, epidemiology, treatment, attempts at immunoprophylaxis, and control in all hosts. There are 175 illustrations and tables devoted to the life cycle, structure of parasitic stages, and lesions. More than 2100 references are cited, allowing the reader to locate additional information on specific topics in an efficient way. This book will be useful to a broad range of researchers in biology and veterinarians.

Flynn's Parasites of Laboratory Animals David G. Baker 2008-01-09 Prepared under the auspices of the American College of Laboratory Animal Medicine, this second edition has been thoroughly updated and revised to improve utility and readability. The book is now organized by vertebrate host species, with parasites presented phylogenetically within chapters. Additional highlights of this edition include introductory chapters on modern diagnostic techniques and parasite biology, and a new appendix features a complete drug formulary. The well-presented and extensively illustrated volume addresses all aspects of laboratory animal parasites. Regarded as the most comprehensive and authoritative work available on the topic, this book is an essential reference for veterinary parasitologists, clinicians, students and laboratory animal scientists.

Veterinary Parasitology Reference Manual William J. Foreyt 2002-02-25 Veterinary Parasitology Reference Manual, Fifth Edition is a practical, thorough, bench top reference for basic diagnostic veterinary parasitology. The manual provides pertinent information on parasite life cycles, importance, location in the host, zoonotic potential, current literature, diagnosis, and treatment. It also includes step-by-step instructions for the most common diagnostic procedures used in routine veterinary practice. Sections are organized by animal host species, including dogs; cats; cattle, sheep and goats; llamas; horses; pigs; birds; ratites (ostriches, emus, and cassowaries); and laboratory animals, as well as wildlife, reptiles, marine mammals, and humans. There is a section in which common artifacts found in fecal samples are presented, and the last section includes conversion tables and a list of abbreviations. Features of the Fifth edition include: * updated and enhanced references * information on new drugs * improved section on parasites of marine mammals * sections on parasites of laboratory animals and humans * over 500 photographs and figures Readers will find this to be an easily accessible and accurate resource for information about parasites in a variety of animals – wild, domestic, common and exotic.

Veterinary Parasitology M. A. Taylor 2015-12-21 The recipient of much praise and acclaim, Veterinary Parasitology is widely considered to be the definitive veterinary parasitology reference for practitioners and students alike. This Fourth Edition has been developed and enhanced into a two-part reference to reflect recent advances in the field, modern teaching practice, and updated parasite taxonomic classification systems. Part One contains expanded individual parasite descriptions using current taxonomic status within three new chapters on Helminthology, Protozoology and Entomology. Further updated chapters are provided on: The laboratory diagnosis of parasitism, Antiparasitics, The epidemiology of parasitic diseases, and Host resistance to parasitic diseases. Host species chapters have been retained and expanded and are found in Part Two of the edition. KEY FEATURES Tailored for those directly involved in the diagnosis, treatment and control of parasitic diseases of domestic animals Compatible with the diversity of current parasitology teaching modules – both for teaching parasite systematics and diseases on a host-organ basis offers the most detailed parasite descriptions available today for teachers, research groups, veterinarians in practice and in government service, and others involved in aspects of parasitic disease Thoroughly revised and restructured to reflect the most up-to-date advancements in the field, Veterinary Parasitology, Fourth Edition, enhances its stellar reputation as the gold standard reference text for the global veterinary profession.