

A Text Of Veterinary Anatomy By Septimus Sisson

A Text-book of veterinary anatomy

The lack of a modern and well-illustrated book on the structure of the principal domestic animals has been acutely felt for a long time by teachers, students, and practitioners of veterinary medicine. The work here offered is the expression of a desire to close this gap in our literature. The study of frozen sections and of material which has been hardened by intravascular injection of formalin has profoundly modified our views concerning the natural shape of many of the viscera and has rendered possible much greater precision in topographic statements. The experience of the author during the last ten years, in which almost all of the material used for dissection and for frozen sections in the anatomical laboratory- of this University has been hardened with formalin, has demonstrated that many of the current descriptions of the organs in animals contain the same sort of errors as those which prevailed in regard to similar structures in man previous to the adoption of modern methods of preparation. While the method of treatment of the subject is essentially systematic, topography is not by any means neglected either in text or illustrations; it is hoped that this will render the book of value to the student in his clinical courses and to the practitioner. Embryological and histological data have been almost entirely excluded, since it was desired to offer a text-book of convenient size for the student and a work of ready reference for the practitioner. It is believed that the use of black type for the names of important structures and of small print for certain details or matter of secondary importance will prove useful in this respect. Veterinary anatomical nomenclature is at present quite chaotic in English-speaking countries. In this work an attempt is made to eliminate some terms which do not appear to the author to fulfil any useful purpose, and others which are clearly erroneous or otherwise undesirable. In many cases the terms agreed upon by the Congresses at Baden and Stuttgart are adopted either in the original Latin or in anglicized form; otherwise these terms are added in parenthesis. The author favors the substantial adoption of this terminology, but considered it desirable to offer a sort of transitional stage at present. The original illustrations are chiefly reproductions of photographs, many of which were taken by Mr. F. H. Haskett. The preparation of the pictures for reproduction was carried out by Messrs. J. V. Alteneder and W. J. Norris. The author takes pleasure in expressing his appreciation of the care and skill exercised by these gentlemen in this often difficult task. The author is under great obligation to Professors Ellenberger and Baum in Dresden, to Professor Schmaltz in Berlin, and to their publishers for permission to use or to copy figures from their most excellent works. Their generosity in this matter has made it possible to supply this text with a larger number of high-class illustrations than is to be found in any other. A few figures have been taken from other sources, and proper credit has been given in each case. For checking over certain data and for assistance in the correction of the proofs the author is much indebted to his associate. Dr. F. B. Hadley. The author desires to express his high appreciation of the determination and constant effort of the publishers to do all in their power to render the book worthy of favorable reception by the profession for whom it is intended. Ohio State University, Columbus, Ohio. Septimus Sisson.

A Textbook of Veterinary Anatomy

Excerpt from A Text-Book of Veterinary Anatomy Anatomy is the branch of biological science which deals with the form and structure of organisms, both animal and vegetal. It is therefore in close correlation with physiology, which treats of the functions of the body. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at www.forgottenbooks.com This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such historical works.

A Textbook of Veterinary Anatomy

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A Text-Book of Veterinary Anatomy (Classic Reprint)

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TEXT-BK OF VETERINARY ANATOMY

Sisson and Grossman's, The Anatomy of The Domestic Animals\

The Anatomy of the Domestic Animals

This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1910 edition. Excerpt: ... by mucous membrane. The external surface is divided by a ridge into two areas: the lower flat area faces outward, and is covered by the thyro-arytenoid and lateral crico-arytenoid muscles; the upper concave area faces chiefly forward, and is covered by the transverse arytenoid muscle. The anterior border is convex, and at the base of the cartilage forms a projection termed the vocal process (Processus vocalis); it is so named because Cuneiform process Fig. 352.--Epiglottis Of Horse, Right Lateral View. Muscular process Apex Facet for cricoid it gives attachment to the vocal or thyro-arytenoid ligament, which forms the basis of the true vocal cord. The posterior border is straight, and extends from the vocal process to the facet on the base. The dorsal border forms a deep notch with the apex. The base is concave and faces chiefly backward; it presents an oval, concave facet for articulation with the anterior border of the lamina of the cricoid cartilage. The external angle of the base forms a strong eminence termed the muscular process (Processus muscularis), which gives attachment to the cricoarytenoid muscles. The internal angle is attached to its fellow by the transverse arytenoid ligament. The apex (Cartilago corniculata) curves upward and backward, forming with its fellow the pitcher-shaped lip, from which the cartilages derive their name. The cricoid and thyroid cartilages, and the greater part of the arytenoid cartilages, consist of hyaline cartilage. The apices and vocal processes of the arytenoid cartilages and the epiglottis (including the cuneiform processes) consist of elastic cartilage; they show no tendency toward ossification at any age. The thyroid and cricoid cartilages regularly undergo considerable ossification; the...

TEXTBK OF VETERINARY ANATOMY

Offering comprehensive coverage of core anatomic concepts, this respected, clinically oriented text is the definitive source for a complete understanding of veterinary anatomy. Gain the working anatomic knowledge that is crucial to your understanding of the veterinary basic sciences, as well as detailed information directly applicable to the care of specific animal species, including dogs, cats, horses, cows, pigs, sheep, goats, and birds. Each chapter includes a conceptual overview that describes the structure and function of an anatomic region, accompanied by new full-color dissection photographs that illustrate the relevance of anatomy to successful veterinary practice. Content is logically organized into two main sections – a general introduction to mammalian anatomy and a region-specific breakdown – to make studying more efficient and ensure greater understanding. Comprehensive, all-in-one coverage of all major species presents everything you need to master anatomic concepts in one text. Focus on essential anatomy of each species delivers just the right level of detail to help you establish a solid foundation for success. For the first time all images in the text appear in full color! This lifelike presentation clarifies anatomic concepts and structures in vibrant detail. Vivid full-color dissection photographs help you translate anatomic knowledge to clinical practice and confidently perform dissection procedures. A companion Evolve Resources website reinforces your understanding and helps you prepare for the NAVLEO board exam with 300 exam-style practice

questions, a full-color electronic image collection, and more.

A Textbook of Veterinary Anatomy - Scholar's Choice Edition

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The Anatomy of the Domestic Animals

A sound knowledge of anatomy and physiology is an essential basis for the effective clinical treatment of companion animals. The new third edition Introduction to Veterinary Anatomy and Physiology Textbook offers clear and comprehensive of the common companion animal species. Updated throughout with a new section added on large companion animals, the new edition features augmented online learning resources with new questions and quizzes. Students can test their knowledge with multi-choice questions, drag and drop exercises and an image bank, while instructors can download questions, figures and exercises to use as teaching aids. An essential first purchase for all those embarking upon a veterinary career Includes augmented on-line resources with self-assessment tools and teaching aids Comprehensive coverage of all major companion animal species New large animal section added covering the cow, sheep and pig 'Applied Anatomy' tips relate theory to clinical practice, showing the relationship between anatomy and physiology and the disease process

Text-book of Veterinary Anatomy

Veterinary Consult The Veterinary Consult version of this title provides electronic access to the complete content of this book. Veterinary Consult allows you to electronically search your entire book, make notes, add highlights, and study more efficiently. Purchasing additional Veterinary Consult titles makes your learning experience even more powerful. All of the Veterinary Consult books will work together on your electronic \"bookshelf\"

Sisson and Grossman's The Anatomy of the Domestic Animals

This clinically-oriented text covers the anatomy of all major species of domestic animals. It provides the general knowledge of mammalian structure that is crucial to the understanding of the other basic sciences, as well as the more detailed information that is directly applicable to the practice of veterinary medicine. Discussing the various body systems, it then offers a working knowledge of them by addressing the regional anatomy of a particular species or group of species. Content is divided into two main sections - body systems and specific species or group of species - for a thorough and more logical study of anatomy. All chapters feature a consistent format, offering a simple and even flow of information. Color inserts enhance the overall quality of the book and better illustrate various anatomical areas of concern. Both small and large animals are covered - including the horse, pig, cow, dog, and cat - to emphasize features and topics that have direct relevance to clinical work. Also included is a chapter on Avian Anatomy. Content has been streamlined to include only the most important information. A new section on imaging greatly enhances diagnostic procedures. The addition of new illustrations provides an emphasis on surface anatomy throughout the text.

A Text-Book of Veterinary Anatomy

Put yourself in the box seat at exam time ... The days of cramming dry anatomical facts are over. It's time to look at anatomy as an opportunity to appreciate a fascinating world of relationships and interconnections. Featuring: The complete spectrum of systematic and topographic anatomy: clearly structured and vividly presented, featuring superb high-quality images A combined text and atlas: takes into account a variety of species, an ideal resource for developing a comprehensive understanding of anatomical structures and relationships Integrated sectional anatomy and contemporary diagnostic imaging: a window into the application of anatomy in diagnostics Highlights you won't want to miss: A new chapter on avian anatomy: the fundamental structural features of birds, at a glance Over 1100 exceptional images: anatomical specimens and histological images, thin slice plastinations, colour schematics, diagnostic imaging, sectional anatomy Numerous references to clinical and applied anatomy: including equine endoscopy, arthrocentesis, examination of the udder, rectal examination and laparotomy A unique bonus: CT, MRI and ultrasonographic images Bringing anatomy to life!

The Anatomy of the Domestic Animals

Knowledge of veterinary anatomy and physiology is essential for veterinary professionals and researchers. The chapters reflect the diverse and dynamic research being undertaken in a variety of different species throughout the world. Whether the animals have roles in food security, agriculture, or as companion, wild, or working animals, the lessons we learn impact on many areas of the profession. This book highlights research ranging from the cardiovascular and musculoskeletal systems, prostate and hoof, through to histopathology, imaging, and molecular techniques. It investigates both healthy and pathological conditions at differing stages of life. The importance of each cell and tissue through to the whole organism is explored alongside the methodologies used to understand these vital structures and functions.

Textbook of Veterinary Anatomy - E-Book

A sound knowledge of anatomy and physiology is an essential basis for the effective clinical treatment of companion animals and farm animals alike. The fourth edition of this bestselling book continues to provide a comprehensive description of the anatomy and physiology of dogs and cats. The book builds on these foundations with detailed descriptions of exotic small species including birds, and domestic farm animals, including cows, sheep and pigs, as well as the horse.

Sisson and Grossman`s the anatomy of the domestic animals

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The Anatomy of the Domestic Animals

Offering comprehensive coverage of core anatomic concepts, this respected, clinically oriented text is the definitive source for a complete understanding of veterinary anatomy. Gain the working anatomic knowledge that is crucial to your understanding of the veterinary basic sciences, as well as detailed information directly applicable to the care of specific animal species, including dogs, cats, horses, cows, pigs, sheep, goats, and birds. Each chapter includes a conceptual overview that describes the structure and function of an anatomic region, accompanied by new full-color dissection photographs that illustrate the relevance of anatomy to successful veterinary practice. Content is logically organized into two main sections - a general introduction to mammalian anatomy and a region-specific breakdown - to make studying more efficient and ensure greater understanding. Comprehensive, all-in-one coverage of all major species presents everything you need to master anatomic concepts in one text. Focus on essential anatomy of each species delivers just the right level of detail to help you establish a solid foundation for success. For the first time all images in the text appear in full color! This lifelike presentation clarifies anatomic concepts and structures in vibrant detail. Vivid full-color dissection photographs help you translate anatomic knowledge to clinical practice and

confidently perform dissection procedures. A companion Evolve Resources website reinforces your understanding and helps you prepare for the NAVLE® board exam with 300 exam-style practice questions, a full-color electronic image collection, and more.

ANATOMY OF THE DOMESTIC ANIMAL

If you are looking for a book that presents a unique photographic record of dissections showing the topographical anatomy of the dog and cat: this is the atlas for you! Part of a comprehensive 3-volume set that also covers Ruminants (Volume 1) and The Horse (Volume 2), the Color Atlas of the Dog and Cat takes a complete look at virtually every aspect of veterinary anatomy. With this book you will be able to see the position and relationships of bones, muscles, nerves, blood vessels and viscera that go to make up each region of the body and each organ system. Rich with full-color photographs and drawings of dissections prepared specifically for these texts, each book in the series illustrates regional surface features photographed before dissection, then gives high-quality complementary photographs of articulated skeletons. Accessibly and systematically structured with each chapter is devoted to a specific body region Important features of regional and topographical anatomy presented in full color photos of detailed dissections Detailed color line drawings clarify the relationships of relevant structures Website offers drag and drop quizzes and the chance to test yourself with mcqs Informative captions give additional information necessary for proper interpretation of the images Presents anatomy in a clinical context

Introduction to Veterinary Anatomy and Physiology Textbook

A clear understanding of the anatomy and physiology of small animals is a core requirement of every student in the fields of veterinary medicine, veterinary nursing and veterinary technology. Until now, there has been no single textbook explaining this subject in an easily understood way.

A Textbook of Veterinary Anatomy

"A sound knowledge of anatomy and physiology is an essential basis for the effective clinical treatment of companion animals and farm animals alike. The fourth edition of this best-selling book has been updated and revised and continues to provide a comprehensive description of the anatomy and physiology of dogs and cats. The book builds on these foundations with detailed descriptions of exotic small species including birds, and domestic farm animals, including cows sheep and pigs, as well as the horse. The book is an essential first purchase for all those embarking upon a veterinary, animal science or animal management career"

Textbook of Veterinary Anatomy

Textbook of Veterinary Anatomy

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