

Pigeon Dissection Guide

The Dissection of Vertebrates covers several vertebrates commonly used in providing a transitional sequence in morphology. With illustrations on seven vertebrates – lamprey, shark, perch, mudpuppy, frog, cat, pigeon – this is the first book of its kind to include high-quality, digitally rendered illustrations. This book received the Award of Excellence in an Illustrated Medical Book from the Association of Medical Illustrators. It is organized by individual organism to facilitate classroom presentation. This illustrated, full-color primary dissection manual is ideal for use by students or practitioners working with vertebrate anatomy. This book is also recommended for researchers in vertebrate and functional morphology and comparative anatomy. The result of this exceptional work offers the most comprehensive treatment than has ever before been available. * Received the Award of Excellence in an Illustrated Medical Book from the Association of Medical Illustrators * Expertly rendered award-winning illustrations accompany the detailed, clear dissection direction * Organized by individual organism to facilitate classroom presentation * Offers coverage of a wide range of vertebrates * Full-color, strong pedagogical

aids in a convenient lay-flat presentation

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. 1901 edition.

Excerpt: ... LIST AND EXPLANATION OF PLATES. Fig. 1. -- Page 2. Sieve trap: B, common coal sieve, set with one edge raised by stick A, to which is attached the string C, one end of which is held by the bird-catcher at a distance. When the bird, attracted by the bait, goes under the sieve, the stick is jerked out and the sieve falls. Fig. 2.-- Page 3. Ever-ready bird-trap: D, body of trap made of netting F and A, hoops supporting netting. A, ring to which are attached the wires C, which point backwards. The bait is placed within the body of the trap and scattered through the ring B. Then the bird enters at the entrance A, goes through the ring B, so on past the wires C, which are arranged in a circle to prevent his egress. The bird is removed through an orifice in the back, drawn together with a string at F Fig. 3. --Page 33. Skinning-knife: The handle of this knife should be round, and the blade does not close. Fig. 4.--Page 37. Skull of bird (side view): Dotted line from A to B shows cut to be made in removing back of skull to give access to brain, Fig. 5. -- Page 37. Skull of bird, under side: Dotted lines A,

A, A, show cuts to be made in removing a triangular piece of bone and-muscle, to which the whole or a portion of the brain will adhere. Fig. 6.-- Page 42. Dissection of a song sparrow, showing male organs of reproduction: 1 and 2, lungs; 3, 3, testicles. The four organs below these are the kidneys. Fig. 7. -- Page 43. Dissection of a song sparrow, showing female organs of reproduction: 4, lungs; 1, 1, small yellow glands, present in both sexes; 2, ovaries; 3, oviduct. These last four figures are merely diagrams, only sufficiently accurate in outline to convey an idea of the position of the parts indicated. Fig. 8. -- Page 50. Tweezers for... This work is a comprehensive, thoroughly annotated directory filled with hundreds of esteemed resources published in the field of zoology.

Human Remains

The Dissection of Vertebrates

A Comprehensive Step-by-step Dissection Guide Complete with Photographs & Illustrations

Babyhood; the Mother's Nursery Guide

Bird Structure

Exploring Zoology: A Laboratory Guide, Third Edition

Raising awareness of human indifference and cruelty toward animals, The Global

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Guide to Animal Protection includes more than 180 introductory articles that survey the extent of worldwide human exploitation of animals from a variety of perspectives. In addition to entries on often disturbing examples of human cruelty toward animals, the book provides inspiring accounts of attempts by courageous individuals--including Jane Goodall, Shirley McGreal, Birute Mary Galdikas, Richard D. Ryder, and Roger Fouts--to challenge and change exploitative practices. As concern for animals and their welfare grows, this volume will be an indispensable aid to general readers, activists, scholars, and students interested in developing a keener awareness of cruelty to animals and considering avenues for reform. Also included is a special foreword by Archbishop Desmond Tutu, urging readers to seek justice and protection for all creatures, humans and animals alike.

New edition of a standard textbook/lab guide.

This manual is for biologists in remote refuges who have little to no background in necropsy techniques. It is intended to assist you in recognition of bird organs and in procurement of appropriate samples for pathologic and other laboratory assays. The manual will probably be most useful in situations when wildlife disease specialists are unable to assist in sample collection due to remoteness or inaccessibility of the site. WHY DO A NECROPSY? A necropsy is one of the

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basic tools used to determine why an animal dies. It involves the thorough examination of a carcass externally and internally for any indications of causes of death (lesions). A good necropsy involves careful observations of lesions or abnormalities and procurement, labeling, and storage of tissue samples. Laboratory tests on properly preserved tissues allow wildlife disease specialists to systematically evaluate potential causes of wildlife mortality. The better job you do with the field necropsy, the better the chance that wildlife disease specialists can determine what killed the animal. As such, select the freshest carcasses and, if at all possible, avoid freezing and thawing the carcass prior to necropsy as this can compromise microscopic appearance of tissues. When doing a necropsy, be observant and record your findings. If possible, take close up photos of interesting findings. Generally, findings will deviate from normal either in shape, color, consistency, number or size. For example, a normal bird liver would be firm with sharp borders and have a homogenous chocolate brown color. An abnormality in the liver may manifest itself in the form of abnormal coloration (spots or blotches), consistency (too soft, too hard), size (excessively large or small), or shape (lumps, bumps or scars). Obviously, many of these interpretations require knowing what a "normal" organ looks like. Although this is best learned by doing many necropsies, reference to photographs (as in this

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manual), will aid the novice in assessing whether or not an organ appears normal or not.

Special Guides

Field and laboratory guide

A Laboratory Dissection Guide

Manual of Vertebrate Dissection

Atlas and Dissection Guide for Comparative Anatomy

Science Fair Project Index, 1960-1972

The Taxonomy and Physiology of the Pigeon
A Comprehensive Step-by-step Dissection Guide Complete with Photographs & Illustrations
The Dissection of Vertebrates
A Laboratory Manual
Academic Press

Detailed and concise dissection directions, updated valuable information and extraordinary illustrations make The Dissection of Vertebrates, 3rd Edition the new ideal manual for students in comparative vertebrate anatomy, as well as a superb reference for vertebrate and functional morphology, vertebrate paleontology, and advanced level vertebrate courses, such as in mammalogy, ornithology, ichthyology, and

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herpetology. This newly revised edition of the most comprehensive manual available continues to offer today's more visually oriented student with a manual combining pedagogically effective text with high-quality, accurate and attractive visual references. This new edition features updated and expanded phylogenetic coverage, revisions to the illustrations and text of the lamprey, shark, perch, mudpuppy, frog, cat, pigeon, and reptile skull chapters, and new sections on amphioxus or lancelet (Branchiostoma, Cephalochordata), a sea squirt (Ciona, Urochordata), shark musculature, a gravid shark, shark embryo, cat musculature, and the sheep heart. Using the same systematic approach within a systemic framework as the first two editions, The Dissection of Vertebrates, 3rd Edition covers several animals commonly used in providing an anatomical transition sequence. Nine animals are covered: amphioxus, sea squirt, lamprey, shark, perch, mudpuppy, frog, cat, and pigeon, plus five reptile skulls, two mammal skulls, and the sheep heart. Winner of a 2020 Textbook Excellence Award (College) (Texty)

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from the Textbook and Academic Authors Association Seven detailed vertebrate dissections, providing a systemic approach Includes carefully developed directions for dissection Original, high-quality award-winning illustrations Clear and sharp photographs Expanded and updated features on phylogenetic coverage New sections on: amphioxus (Cephalochordata); sea squirt (Urochordata); shark musculature; gravid shark; shark embryo; cat musculature; sheep heart

This high-quality laboratory manual may accompany any comparative anatomy text, but correlates directly to Kardong's Vertebrates: Comparative Anatomy, Function, Evolution text. This lab manual carefully guides students through dissections and is richly illustrated. First and foremost, the basic animal architecture is presented in a clear and concise manner. Throughout the dissections, the authors pause strategically to bring the students' attention to the significance of the material they have just covered. Manual of Taxidermy for Amateurs; a Complete Guide in

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Collecting and Preserving Birds and Animals

Dissection and Its Histories

Comparative Anatomy of Vertebrates, an Outline of a Laboratory Course

Storey's Guide to Raising Poultry, 4th Edition

The Necropsy Book

The Taxonomy and Physiology of the Pigeon

Whether you're running a farm or interested in keeping a few backyard birds, Storey's Guide to Raising Poultry covers everything you need to know to successfully raise your own chickens, turkeys, waterfowl, and more. Stressing humane practices throughout, Glenn Drowns provides expert advice on breed selection, housing, feeding, behavior, breeding, health care, and processing your own meat and eggs. With tips on raising specialty species like doves, ostriches, and peafowl, you'll be inspired to experiment with new breeds and add diversity to your poultry operation.

Exploring Zoology: A Laboratory Guide provides a comprehensive, hands-on introduction to the field of zoology. Knowledge of the principal groups of animals is fundamental to understanding the central issues in biology. This full-color lab manual provides a diverse selection of exercises covering the anatomy, physiology, behavior, and ecology of the major invertebrate and vertebrate lineages. Great care has been taken to provide information in an engaging, student-friendly way. The material has been written to be

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easily adapted for use with any introductory zoology textbook.

This full-color manual is a unique guide for students conducting the comparative study of representative vertebrate animals. It is appropriate for courses in comparative anatomy, vertebrate zoology, or any course in which the featured vertebrates are studied. Includes coverage of the lamprey, dogfish shark, perch, mudpuppy, bullfrog, pigeon, and cat.

Evolutionary concepts, comparative morphology, and histology are covered comprehensively. Loose-leaf and three-hole drilled.

Guide to an Exhibition of Old Natural History Books

The Frog; a Practical Guide

Elementary Lessons in Zoölogy

Chickens, Turkeys, Ducks, Geese, Guineas, Game Birds

The Global Guide to Animal Protection

An Approach Through Evolution, Development and Function in the Fowl

'Human Remains' looks particularly at the activities of British surgeons in 19th century Van Diemen's Land, a penal colony in which a ready supply of bodies was available. This book tells a story of how medical men obtained the corpses upon which they worked before the use of human remains was regulated.

Teacher's Guide to accompany Biology: A Search for Order in Complexity. This teacher's guide will equip instructors to lead their students through the various experiments that are featured in the student laboratory manual.

With illustrations on seven vertebrates - Lamprey, Shark, Perch, Mudpuppy, Frog, Cat, Pigeon -

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*Dissection of Vertebrates is the first book of its kind to include high-quality, digitally rendered illustrations, and has recently won an Award of Excellence in Illustrated Medical Book from the Association of Medicial Illustrators. Using a systemic approach for each vertebrate, this book covers several vertebrates commonly used in providing a transitional sequence in morphology. This beautifully illustrated, full-color primary dissection manual is ideal for use by students or practitioners working with vertebrate anatomy. Not only is this book ideal for students, but also for researchers in vertebrate and functional morphology and comparative anatomy. The result of this exceptional work offers the most comprehensive treatment than has ever before been available. * Received the Award of Excellence in an Illustrated Medical Book from the Association of Medical Illustrators * Expertly rendered award-winning illustrations accompany the detailed, clear dissection direction * Organized by individual organism to facilitate classroom presentation * Offers coverage of a wide range of vertebrates * Full-color, strong pedagogical aids in a convenient lay-flat presentation*

Guide for the Care and Use of Laboratory Animals

A Guide to the Dissection and Comparative Study of Vertebrate Animals

Dissection Guide & Atlas to the Rat

A Course in Vertebrate Zoölogy

Time's Telescope for ... ; Or, A Complete Guide to the Almanack

Investigates the internal workings of animals, with drawings of dissections and cartoons illustrating how the animals' bodies work, including chapters on invertebrates, insects, amphibians, birds, and mammals.

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Outlining the main methods and techniques available to ornithologists, this book brings in one authoritative source contributions containing information on avian ecology and conservation.

A respected resource for decades, the Guide for the Care and Use of Laboratory Animals has been updated by a committee of experts, taking into consideration input from the scientific and laboratory animal communities and the public at large. The Guide incorporates new scientific information on common laboratory animals, including aquatic species, and includes extensive references. It is organized around major components of animal use: Key concepts of animal care and use. The Guide sets the framework for the humane care and use of laboratory animals. Animal care and use program. The Guide discusses the concept of a broad Program of Animal Care and Use, including roles and responsibilities of the Institutional Official, Attending Veterinarian and the Institutional Animal Care and Use Committee. Animal environment and husbandry, and management. A chapter on this topic is now divided into sections on terrestrial and aquatic animals and provides recommendations for housing and environment, husbandry, behavioral and population management, and more. Veterinary care. The Guide discusses the importance of veterinary care and the responsibilities of the Attending Veterinarian. It includes recommendations on animal procurement and transportation, preventive medicine (including animal biosecurity), and clinical care and management. The Guide addresses distress and its recognition and relief, and issues surrounding euthanasia. Physical plant. The Guide identifies design issues, providing construction guidelines for functional areas; considerations su

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drainage, vibration and noise control, and environmental monitoring; and specialized facilities for animal housing and research needs. The Guide for the Care and Use of Laboratory Animals provides a framework for the judgments required in the management of animal facilities. This updated and expanded resource of proven value will be important to scientists and researchers, veterinarians, animal care personnel, facilities managers, institutional administrators, policy makers involved in research issues, and animal welfare advocates.

Eighth Edition

The Origin of Birds

Guide to Reference and Information Sources in the Zoological Sciences

Exploring Zoology: A Laboratory Guide

A Guide for Veterinary Students, Residents, Clinicians, Pathologists, and Biological Researchers

Sharing the Wonder of Birds With Kids

Superior full-color photographs and illustrations distinguish this manual from others. This dissection guide and atlas provides carefully worded directions that allow students to learn basic mammalian anatomy through the use of a rat specimen. Great care has gone into the preparation of accurate and informative illustrations and the presentation of high-quality color photographs and photomicrographs. The text is clearly written, and dissection instructions are set apart from the text to assist students in the lab. Each chapter begins with a list of objectives, and tables are utilized to

summarize key information. The dissection guide is published in loose-leaf, three-hole drilled format for convenient use in the laboratory. This high-quality laboratory manual may accompany any comparative anatomy text, but especially Kardong's Vertebrates: Comparative Anatomy, Function, Evolution or Kent/Carr's Comparative Anatomy. This text carefully guides students through dissections and is richly illustrated. Exploring Zoology: A Laboratory Guide is designed to provide a comprehensive, hands-on introduction to the field of zoology. This manual provides a diverse series of observational and investigative exercises, delving into the anatomy, behavior, physiology, and ecology of the major invertebrate and vertebrate lineages.

Teaching the Classification of Vertebrate Animals by Comparing the Anatomy Within Each System

Comparative Vertebrate Anatomy

Biology

A Guide in Studying Animal Life and Structure in Field and Laboratory

General Field Procedures and Diseases of Birds

Field Manual of Wildlife Diseases