**BOOKS IN ZOOLOGY**

Zoology encompasses a vast and diverse field of study, and there are numerous books covering various aspects of animal biology, behavior, ecology, and more. Here's a list of some widely regarded and influential books in Zoology across different sub-disciplines.

**General Zoology:**

1. **"Integrated Principles of Zoology"** by Cleveland P. Hickman Jr., Susan L. Keen, Allan Larson, and David J. Eisenhour
    - A comprehensive and widely used textbook that covers the diversity of animal life.
2. **"Invertebrates"** by Richard C. Brusca and Gary J. Brusca
    - Focuses on the diversity and classification of invertebrate animals.

**Animal Behavior:**

3. **"Animal Behavior: An Evolutionary Approach"** by John Alcock
    - Examines animal behavior from an evolutionary perspective, emphasizing natural selection and adaptation.
4. **"Principles of Animal Behavior"** by Lee Alan Dugatkin
    - Covers fundamental principles of animal behavior, including communication, social behavior, and evolution.

**Ornithology (Study of Birds):**

5. **"The Sibley Guide to Birds"** by David Allen Sibley
    - A comprehensive guide to the identification and behavior of North American birds.
6. **"The Genius of Birds"** by Jennifer Ackerman
    - Explores the intelligence and behaviors of birds, highlighting their remarkable cognitive abilities.

**Marine Biology:**

7. **"The Ocean of Life: The Fate of Man and the Sea"** by Callum Roberts
    - Examines the current state of the world's oceans and the impact of human activities on marine life.
8. **"The Soul of an Octopus: A Surprising Exploration into the Wonder of Consciousness"** by Sy Montgomery
    - Explores the intelligence and consciousness of octopuses and their interactions with humans.

**Mammalogy (Study of Mammals):**

9. **"Walker's Mammals of the World"** by Ronald M. Nowak
    - A comprehensive reference on the classification and biology of mammals worldwide.
10. **"Mammalogy: Adaptation, Diversity, Ecology"** by George A. Feldhamer, Lee C. Drickamer, Stephen H. Vessey, Joseph F. Merritt, and Carey Krajewski
    - A textbook covering the diversity and ecology of mammals.

**Evolutionary Biology:**

11. **"Why Evolution is True"** by Jerry A. Coyne
    - Presents evidence for evolution and addresses common misconceptions.
12. **"The Selfish Gene"** by Richard Dawkins
    - Explores the gene-centered view of evolution and the concept of selfish genes.

**Wildlife Conservation:**

13. **"Last Chance to See"** by Douglas Adams and Mark Carwardine
    - Chronicles the authors' travels to observe endangered species and the challenges of wildlife conservation.
14. **"Half-Earth: Our Planet's Fight for Life"** by Edward O. Wilson
    - Proposes a plan to address the ongoing biodiversity crisis by dedicating half of the Earth's surface to nature.

**BOOKS IN DEVELOPMENTAL BIOLOGY**

Within the field of Zoology, there are several excellent books that cover the principles and advancements in this area. Here are some recommended books on developmental biology:

1. **"Developmental Biology"** by Scott F. Gilbert
    - This textbook is widely used in developmental biology courses. It provides a comprehensive overview of the principles of developmental biology and covers a range of organisms.
2. **"Principles of Development"** by Lewis Wolpert, Cheryll Tickle, and Alfonso Martinez Arias
    - A well-regarded textbook that covers the fundamental principles of developmental biology. It is known for its clear explanations and illustrations.
3. **"Developmental Biology"** by Gerald M. Edelman
    - This book offers a detailed exploration of developmental processes and mechanisms. It is suitable for students and researchers in the field.
4. **"Essential Developmental Biology"** by Jonathan M. W. Slack
    - An accessible and concise introduction to developmental biology, covering key concepts and mechanisms.
5. **"Molecular Biology of the Cell"** by Bruce Alberts, Alexander Johnson, Julian Lewis, David Morgan, Martin Raff, Keith Roberts, and Peter Walter
    - While not exclusively focused on developmental biology, this influential textbook covers cellular and molecular biology, including aspects relevant to development.
6. **"Developmental Biology"** by Scott F. Gilbert and Michael J. Barresi
    - Another comprehensive textbook by Scott F. Gilbert, this book explores the principles of developmental biology with a focus on experimental evidence.
7. **"From Egg to Embryo: Regional Specification in Early Development"** by Patrick Lemaire
    - This book delves into the molecular and cellular mechanisms underlying the regional specification during early embryonic development.
8. **"Developmental Biology: A Very Short Introduction"** by Lewis Wolpert
    - Part of the "Very Short Introductions" series, this book provides a concise overview of key concepts in developmental biology.

**Some recommended books that cover comparative vertebrate anatomy and biology:**

1. **"Vertebrates: Comparative Anatomy, Function, Evolution"** by Kenneth Kardong
    - A widely used textbook that covers the comparative anatomy, physiology, and evolution of vertebrates. It is known for its detailed illustrations and accessible writing.
2. **"Comparative Vertebrate Anatomy: A Laboratory Dissection Guide"** by Kenneth V. Kardong
    - This lab manual complements Kardong's textbook and provides practical guidance for hands-on study of vertebrate anatomy through dissections.
3. **"Functional Anatomy of the Vertebrates: An Evolutionary Perspective"** by Liem, Bemis, Walker, and Grande
    - This book takes an evolutionary perspective on the functional anatomy of vertebrates, exploring the adaptations that have occurred over time.
4. **"Comparative Anatomy of the Vertebrates"** by George C. Kent
    - A classic textbook that provides a thorough comparative analysis of vertebrate anatomy, including discussions on evolution and functional morphology.
5. **"Vertebrate Life"** by F. Harvey Pough, Christine M. Janis, and John B. Heiser
    - This textbook integrates information on the anatomy, ecology, behavior, and evolution of vertebrates, providing a holistic view of vertebrate biology.
6. **"Zoology"** by Stephen A. Miller and John P. Harley
    - While covering a broad range of topics in zoology, this textbook includes sections on comparative vertebrate anatomy with clear illustrations and explanations.
7. **"Comparative Anatomy: Manual of Vertebrate Dissection"** by Dale W. Fishbeck and Aurora M. Sebastiani
    - A practical guide for vertebrate dissection, this manual offers step-by-step instructions for exploring the anatomy of different vertebrates.
8. **"Comparative Vertebrate Morphology: A Laboratory Text"** by Douglas B. Webster and Molly R. Morris
    - This laboratory text focuses on the comparative morphology of vertebrates, providing hands-on activities to enhance understanding.
9. **"Vertebrates: Structures and Functions"** by Kenneth M. Burton
    - An introductory textbook that covers the structure and function of vertebrates, with a focus on comparative anatomy.

**SUGGESTED READINGS:**

1. Kardong, K.V. (2005) **Vertebrates' Comparative Anatomy, Function and Evolution.**IVEdition. McGraw-Hill Higher Education. Kent, G.C. and Carr R.K. (2000). ComparativeAnatomy of the Vertebrates. IX Edition
2. The McGraw-Hill Companies. Hilderbrand, M and Gaslow G.E. **Analysis of Vertebrate Structure,** John Wiley and SonsWalter, H.E. and Sayles, L.P; **Biology of Vertebrates**, Khosla Publishing House.
3. **Outlines of comparative anatomy**, Romer & Parsons, Central Book Depot, **The Vertebrate Body** (Saunders).
4**. Biology of Vertebrates** Walter & Sayles; (McMillan).
5. **Chordate Zoology,** P.S. Dhami & J. K. Dhami - R. Chand & Co., New Delhi.
6. **Modern Textbook of Zoology**, R. L. Kotpal, Rastogi Publications, Meerut.
7. **The Life of Vertebrates**, 3rd Edition, 1993, J. Z. Young E. L. B.S. Oxford.
8. **Chordate Zoology** - E.L. Jordan, S. Chand & Co., New Delhi.
9. **The Phylum Chordata -** 1987, H.H. Newman, Distributor Satish Book Enterprise, Agra.
10.**Comparative Anatomy of the Vertebrates** G. C. Kent.

**Molecular Cell Biology:**

1. **"Molecular Biology of the Cell"** by Bruce Alberts, Alexander Johnson, Julian Lewis, David Morgan, Martin Raff, Keith Roberts, and Peter Walter
    - A widely used and authoritative textbook that covers molecular cell biology comprehensively. It is suitable for both undergraduate and graduate students.
2. **"Essential Cell Biology"** by Bruce Alberts, Dennis Bray, Karen Hopkin, Alexander D. Johnson, Julian Lewis, Martin Raff, Keith Roberts, and Peter Walter
    - This book is known for its clear and concise explanations, making it suitable for students studying cell biology at various levels.
3. **"Cell Biology by the Numbers"** by Ron Milo and Rob Phillips
    - Focuses on quantitative aspects of cell biology, providing insights into the physical principles underlying cellular processes.
4. **"Molecular Cell Biology"** by Harvey Lodish, Arnold Berk, Chris A. Kaiser, Monty Krieger, Matthew P. Scott, Anthony Bretscher, and Hidde Ploegh
    - A comprehensive textbook that covers molecular and cellular biology, emphasizing experimental approaches.
5. **"Cell Biology: A Short Course"** by Stephen R. Bolsover, Elizabeth A. Shephard, Hugh A. White, and Jeremy S. Hyams
    - A concise and accessible introduction to cell biology suitable for students with various levels of prior knowledge.

**Animal Biotechnology:**

6. **"Animal Biotechnology: Models in Discovery and Translation"** by Ashish Verma

- Covers various aspects of animal biotechnology, including models used in research and their applications in discovery and translation.

7. **"Principles of Cloning"** by Jose Cibelli, Robert P. Lanza, and Michael D. West
    - Focuses on the principles and techniques of cloning, including applications in animal biotechnology.
8. **"Recombinant DNA: Genes and Genomes - A Short Course"** by James D. Watson, Richard M. Myers, Amy A. Caudy, and Jan A. Witkowski
    - Offers insights into recombinant DNA technology, a fundamental aspect of biotechnology.
9. **"Introduction to Animal Biotechnology"** by S. Uma, R. R. Singh, and G. Taru Sharma
    - Provides an overview of the principles and applications of animal biotechnology.
10. **"Genetically Modified Animals: Welfare and Ethical Issues"** by Marion Petrie and Rachel A. Page
    - Explores the ethical considerations and welfare issues associated with genetically modified animals.
11. **"Genomic Control Process: Development and Evolution"** by Eric H. Davidson
    - Discusses the genomic control processes involved in development and evolution, providing a molecular perspective.

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11. **"Genomic Control Process: Development and Evolution"** by Eric H. Davidson
    - Discusses the genomic control processes involved in development and evolution, providing a molecular perspective.

**SUGGESTED READINGS:**

1. Brown, T.A. (1998). Molecular Biology Labfax II: Gene Cloning and DNA Analysis. II Edition, Academic Press, California, USA. Glick, B.R. and Pasternak, J.J. (2009).

2. Molecular Biotechnology - Principles and Applications of Recombinant DNA. IV Edition, ASM press, Washington, USA. Griffiths, A.J.F., J.H. Miller, Suzuki, D.T., Lewontin, R.C. and Gelbart, W.M. (2009).

3. An Introduction to Genetic Analysis. IX Edition. Freeman and Co., N.Y., USA. Snustad, D.P. and Simmons, M.J. (2009).

4. Principles of Genetics. V Edition, John Wiley and Sons Inc. Watson, J.D., Myers, R.M., Caudy, A. and Witkowski, J.K. (2007).

5. Recombinant DNAGenes and Genomes- A Short Course. III Edition, Freeman and Co., N.Y., USA. Beauchamp, T.I. and Childress, J.F. (2008).

6. Principles of Biomedical Ethics. VI Edition, Oxford University Press.

7. Cell and Molecular Biology, 8th Edition, De. Robertis EDP and De Robertis Jr. EMF, Lippincott Williams and Wilkins,Philadelphia.

8. Cell Biology, C.B. Powar, Himalaya Publication House.

9. Cell and Molecular Biology, EJ. Dupraw, Academic Press, NewYork.

10. Cell Structure and Function - A. G. Loewy, P. Siekevitz, J. R. Meninger & J. A. N. Gallant, Saunder College, Philadelphia.

11. Molecular Biology of the Cell - 3rd Edition, Bruce Alberts, Dennis Bray, Julian Lewis, Martin Raff, K. Roberts & James D. Watson, Garian Publishing, New York.

**Biotechniques:**

1. **"Biotechnology for Beginners"** by Reinhard Renneberg
    - An introductory book that covers the basics of biotechnology, including techniques and applications. It is suitable for readers with a limited background in the subject.

2. **"Molecular Biotechnology: Principles and Applications of Recombinant DNA"** by Bernard R. Glick and Jack J. Pasternak
    - Focuses on the principles and applications of molecular biotechnology, including recombinant DNA technology.
3. **"Basic Biotechnology"** by Colin Ratledge and Bjorn Kristiansen
    - Provides an introduction to the fundamental concepts and techniques of biotechnology, covering a wide range of topics.
4. **"Biotechnology: An Introduction"** by Susan R. Barnum
    - An introductory textbook that covers the principles, applications, and ethical considerations of biotechnology.

**Biostatistics:**

5. **"Biostatistics: A Foundation for Analysis in the Health Sciences"** by Wayne W. Daniel and Chad L. Cross
    - A comprehensive textbook that introduces the principles of biostatistics and their applications in health sciences.
6. **"Biostatistics: The Bare Essentials"** by Geoffrey R. Norman and David L. Streiner
    - A concise guide to essential concepts in biostatistics, suitable for beginners and those looking for a quick reference.
7. **"Principles of Biostatistics"** by Marcello Pagano and Kimberlee Gauvreau
    - Covers fundamental principles of biostatistics, emphasizing their applications in biomedical research.
8. **"Biostatistics: A Computing Approach"** by Stewart Anderson
    - Integrates statistical concepts with practical computing applications using statistical software. It is suitable for those interested in applying statistical methods using computer tools.
9. **"Biostatistics for the Biological and Health Sciences"** by Marc M. Triola and Mario F. Triola
    - Focuses on statistical methods as applied to biological and health sciences, providing examples and exercises to reinforce concepts.
10. **"Introduction to Biostatistics"** by Ronald N. Forthofer, Eun Sul Lee, and Mike Hernandez
    - An introductory textbook that covers the basics of biostatistics, including study design and data analysis.

**SUGGESTED READINGS:**

1. Brown, T.A. (1998). Molecular Biology Labfax II: Gene Cloning and DNA Analysis. I Edition, Academic Press, California, USA. Glick, B.R. and Pasternak, J.J. (2009). Molecular Biotechnology - Principles and

2. Applications of Recombinant DNA. IV Edition, ASM press, Washington, USA. Griffiths, A.J.F., J.H. Miller, Suzuki, D.T., Lewontin, R.C. and Gelbart, W.M. (2009) 3. An Introduction to Genetic Analysis. IX Edition. Freeman and Co., N.Y., USA. Snustad, D.P. and Simmons, M.J. (2009).

4. Principles of Genetics. V Edition, John Wileyand Sons Inc. Watson, J.D., Myers, R.M., Caudy, A. and Witkowski, J.K. (2007).

5. Recombinant DNAGenes and Genomes- A Short Course. III Edition, Freeman and Co., N.Y., USA.Beauchamp, T.I. and Childress, J.F. (2008).

6. Principles of Biomedical Ethics. VI Edition Oxford University Press.

7. Elements of Biotechnology - P. K. Gupta, Rastogi Publications.
8. Gene V & VI, 1994, Lewin B., Oxford University Press, Oxford.
9. Concept of Genes-Pearson Edition 9.Cell and Molecular Biology

**BOOK OF AQUATIC BIOLOGY**

1. **"Aquatic Biology and Ecology: Approaches and Techniques"** by Paul Giller and Bjorn Malmqvist
    - This book provides an overview of the methods and approaches used in aquatic biology and ecology. It covers a wide range of topics, including freshwater and marine ecosystems.
2. **"Limnology"** by Robert G. Wetzel
    - A comprehensive textbook on limnology, the study of inland waters. It covers the physical, chemical, and biological aspects of freshwater ecosystems.
3. **"Aquatic Microbial Ecology and Biogeochemistry: A Dual Perspective"** by Patricia M. Glibert and Thomas M. Kana
    - Focuses on the role of microorganisms in aquatic ecosystems and their contributions to biogeochemical cycles.
4. **"Freshwater Ecology: Concepts and Environmental Applications"** by Walter K. Dodds
    - An introductory textbook that covers the ecology of freshwater ecosystems, including streams, rivers, lakes, and wetlands.
5. **"Marine Biology: Function, Biodiversity, Ecology"** by Jeffrey S. Levinton
    - A comprehensive textbook covering various aspects of marine biology, including biodiversity, ecology, and the functioning of marine ecosystems.
6. **"Aquatic Entomology: The Fishermen's and Ecologists' Illustrated Guide to Insects and Their Relatives"** by W. Patrick McCafferty
    - A guide to aquatic insects, an important component of freshwater ecosystems. The book includes illustrations and information useful for anglers and ecologists.
7. **"Fish Ecology"** by Simon Jennings, Michel J. Kaiser, and John D. Reynolds
    - Focuses on the ecology of fish, covering topics such as behavior, population dynamics, and interactions with the environment.
8. **"Estuarine Ecology"** by John W. Day Jr., Alejandro Yáñez-Arancibia, and William J. Kemp
    - Explores the ecology of estuarine ecosystems, addressing their unique characteristics and the challenges they face.
9. **"Oceanography and Marine Biology: An Annual Review"** by R. N. Gibson, Margaret Barnes, and R. J. A. Atkinson
    - This series provides annual reviews of key topics in oceanography and marine biology, offering insights into recent research developments.
10. **"Wetland Ecology: Principles and Conservation"** by Paul A. Keddy
    - Focuses on the ecology of wetlands, covering principles and conservation strategies for these important ecosystems.

**SUGGESTED READINGS:**

1. Anathakrishnan : Bioresources Ecology 3rd Edition

2. Goldman : Limnology, 2nd Edition
3. dum and Barrett : Fundamentals of Ecology, 5th Edition
4. Pawlowski : Physicochemical Methods for Water and Wastewater Treatment, 1st 5. Edition Wetzel : Limnology, 3rd edition
6. Trivedi and Goyal : Chemical and biological methods for water pollution studies 7. Welch : Limnology Vols. I-II
8. Animal Physiology – Nelson (Cambridge)
9. Endocrinology – Hadely
10. General Endocrinology – Bangara and Turner (W.B. Saunders)
11. Reproductive Physiology – Nalbandov A. V.

**BOOK OFIMMUNOLOGY**

Immunology is a complex and rapidly evolving field that explores the immune system, its components, and its responses to pathogens and diseases. Here are some recommended books in the field of immunology:

1. **"Kuby Immunology"** by Judy Owen, Jenni Punt, and Sharon Stranford
    - A widely used and comprehensive textbook that covers the fundamentals of immunology, including the immune system's structure, function, and clinical applications.
2. **"Janeway's Immunobiology"** by Kenneth Murphy, Casey Weaver, and Paul Travers
    - This textbook provides a detailed and up-to-date exploration of immunobiology, offering insights into the principles and mechanisms of the immune system.
3. **"The Immune System"** by Peter Parham
    - An accessible textbook that introduces the principles of immunology and the intricacies of the immune system's response to infections and diseases.
4. **"Immunology: A Short Course"** by Richard Coico, Geoffrey Sunshine, and Eli Benjamini
    - A concise yet comprehensive introduction to immunology, suitable for students and individuals seeking a foundational understanding of the subject.
5. **"Cellular and Molecular Immunology"** by Abul K. Abbas, Andrew H. Lichtman, and Shiv Pillai
    - This book delves into the cellular and molecular aspects of immunology, exploring the mechanisms underlying immune responses.
6. **"How the Immune System Works"** by Lauren M. Sompayrac
    - A beginner-friendly book that provides a clear and concise overview of the immune system's functions and responses.
7. **"Clinical Immunology: Principles and Practice"** by Robert R. Rich, Thomas A. Fleisher, William T. Shearer, Harry W. Schroeder, and Anthony J. Frew
    - Aimed at medical professionals, this book covers the clinical applications of immunology, including immunodeficiency, autoimmunity, and transplantation.
8. **"Immunology at a Glance"** by J. H. L. Playfair and B. M. Chain
    - A concise and visually engaging overview of immunology, suitable for students and those looking for a quick reference.
9. **"Case Studies in Immunology"** by Raif S. Geha and Luigi Notarangelo

- Presents a series of case studies that illustrate various immunological disorders, helping readers apply theoretical knowledge to real-world situations.

10. **"Basic Immunology: Functions and Disorders of the Immune System"** by Abul K. Abbas, Andrew H. Lichtman, and Shiv Pillai
    - An introductory textbook that covers the basics of immunology, including the immune system's functions and its role in health and disease.

**SUGGESTED READINGS:**

1. Kindt, T. J., Goldsby, R.A., Osborne, B. A. and Kuby, J (2006). Immunology, VI Edition. W.H. Freeman and Company. David, M., Jonathan, B., David, R. B. and Ivan R. (2006).
2. Immunology, VII Edition, Mosby, Elsevier Publication. Abbas, K. Abul and Lechtman H. Andrew (2003.) Cellular and Molecular
3. Immunology. V Edition. Saunders Publication.

**BOOKS OF APPLIED ZOOLOGY**

"Applied Zoology" encompasses the practical application of zoological knowledge to address real-world issues and challenges. Here are some recommended books that cover various aspects of applied zoology:

1. **"Applied Animal Nutrition: Feeds and Feeding"** by Peter R. Cheeke
    - This book focuses on the nutritional needs of animals and the principles of animal feeding, providing practical insights for those involved in animal husbandry.
2. **"Applied Entomology"** by C.S. Patel and N.V. Patel
    - A book that explores the practical applications of entomology, including the management of insect pests in agriculture and forestry.
3. **"Wildlife Management and Conservation: Contemporary Principles and Practices"** by Paul R. Krausman and James W. Cain III
    - This book addresses the principles and practices of wildlife management and conservation, providing insights into sustainable approaches.
4. **"Applied Fish Pharmacology"** by K. M. Mohamed Kutty
    - Focuses on the pharmacological aspects of fish health management, offering practical information for those involved in aquaculture.
5. **"Applied Ethology: The Study of Animal Behavior"** by John R. Krebs and Nicholas B. Davies
    - An exploration of animal behavior and its practical applications, particularly in the context of animal welfare and management.
6. **"Applied Zooarchaeology: A Teaching and Research Manual"** by Sonia Zakrzewski
    - Addresses the practical applications of zooarchaeology in understanding past human-animal interactions and environmental history.
7. **"Applied Mycology and Biotechnology"** by A. R. G. Priyadarsini
    - This book discusses the applied aspects of mycology, including the use of fungi in various biotechnological applications.
8. **"Applied Dairy Microbiology"** by Elmer H. Marth and James L. Steele

- Focuses on the microbiology of dairy products and the practical aspects of maintaining quality and safety in dairy processing.

9. **"Applied Veterinary Histology"** by William J. Banks
    - A practical guide to veterinary histology, providing essential knowledge for veterinary students and practitioners.
10. **"Applied Herpetology: Protocols for Conservation and Management"** edited by Ronald Altig and Roy W. McDiarmid
    - This book addresses the practical aspects of herpetology, focusing on protocols for conservation and management of amphibians and reptiles.

SUGGESTED READINGS:

1. Mollusca - Hyman.
2. Prawn and Prawn Fishery of India – Kurian
3. Fish Culture - K. H. Alikuhni
4. Fish Culture - Lagter.
5. Fishes of India. - Khanna.
6. Hand Book of Animal Husbandary and Dairy - Mudlyer.
7. Bee keeping in India - Sardar Sing.
8. Bee Keeping in India- M. G. Smith.
9. Poultry keeping in India - Naidu P.N.M.
10. Poultry Husbandary - M. A. Jule.
11. Outlines of Dairy Technology - Sukumar De.
12. Milk and milk products - Clarence Henry Eckles,Willes Barnes Combs, Harold Macy
13.Poultry Husbandary - Moarthy.

**BOOKS OFINSECT VECTORS:**

1. **"Medical Entomology: A Textbook on Public Health and Veterinary Problems Caused by Arthropods"** by Mike Service
    - This book provides comprehensive coverage of medical entomology, including information on various insect vectors of human and veterinary diseases.
2. **"Biology of Disease Vectors"** by William C. Marquardt, William K. Reisen, and Marilyn E. R. Gary
    - A comprehensive text that covers the biology, ecology, and control of arthropod vectors responsible for transmitting diseases.
3. **"Vector Biology, Ecology and Control"** by Carl W. Nielson
    - This book explores the biology and ecology of vector organisms, focusing on strategies for their control and management.
4. **"Medical and Veterinary Entomology"** by Gary R. Mullen and Lance A. Durden
    - A comprehensive textbook that covers both medical and veterinary aspects of entomology, including discussions on insect vectors.
5. **"Insects and Human Disease"** by Roy J. Russell

- An overview of the interactions between insects and humans in the context of disease transmission, discussing various vector-borne diseases.

**Histology:**

6. **"Histology: A Text and Atlas"** by Michael H. Ross, Wojciech Pawlina
    - A widely used textbook that combines text and illustrations to provide a comprehensive understanding of histology.
7. **"Junqueira's Basic Histology: Text and Atlas"** by Anthony Mescher
    - A classic histology textbook known for its detailed illustrations and comprehensive coverage of cellular and tissue structure.
8. **"Color Textbook of Histology"** by Leslie P. Gartner and James L. Hiatt
    - This book utilizes a visual approach with color illustrations to teach histology concepts, making it accessible for students.
9. **"Histology: A Self-Instructional Text"** by Robert L. Klein and James C. Crissman
    - Designed for self-paced learning, this book covers histology topics in a clear and concise manner.
10. **"Functional Histology"** by Jeffrey B. Kerr
    - A book that integrates histology with functional aspects, providing a more dynamic understanding of tissue structure and function.

SUGGESTED READINGS:

1. Imms, A.D. (1977). A General Text Book of Entomology. Chapman & Hall, U K

Chapman, R.F. (1998).

2. The Insects: Structure and Function. IV Edition, Cambridge University Press, U K

Pedigo L.P. (2002).

3. Entomology and Pest Management. Prentice Hall PublicationMathews, G. (2011).

4. Integrated Vector Management: Controlling Vectors of Malaria

5. Insect Vector Borne Diseases. Wiley-Blackwell

6. Textbook of Histology: Bloom W and Fawcett D.W.

7. Histology: Lippinocott. Ham, A.W.

8. Histology: Greep, R.O and well, L.

9. An Atlas of Histology. Heinemann Educational Book Ltd. London and ELBS: Freeman.

W.H. and Bracegirdle, B.

10. Microscopic Anatomy of vertebrates, Lea and Febigen. Philaldelphia: Kendall, J.I.

11. Histology of Mammals: Athavale, M.V and Latey, A. N.