The Breeding Seasons and Reproductive Physiology of Tricolored Blackbirds and Redwing Blackbirds
- Robert B. Payne - 1963

The Breeding Seasons and Reproductive Physiology of Tricolored Blackbirds and Redwing Blackbirds
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Breeding Seasons and Reproductive Physiology of Tricolored Blackbirds and Redwing Blackbirds
- Robert B. Payne - 1969

Equine Breeding Management and Artificial Insemination
- Jcnn C. Samper - 2009

Practical information on the reproductive management of both thoroughbred and warmblood breeding operations prepares horse breeders to effectively breed even problem mares and stallions.

Equine Reproductive Physiology, Breeding and Stud Management
- Morel, M.C.G.D. - 2008

This book contains 21 chapters on horse breeding, including the anatomy and control of reproduction in mares and stallions, physiology and endocrotal control of reproduction and foaling, lactation, selection and preparation of mares and stallions for breeding, management of the mare during pregnancy and parturition, and management and selection of stallions.

Characterization of Annual Sex Steroid and Behavioral Profiles in Speciated Eiders (Somateria Fischarti)
- Alagai Ellisworth - 2009

The breeding season of the breeder eider (Somateria fischeri) population in western Alaska declined by 96% from the 1970s through the 1990s, which led to their listing as threatened under the Endangered Species Act in 1993. Since the listing, the breeding population in western Alaska has stabilized, but not recovered to pre-decline numbers. Little is known about the reproductive endocrinology in speciated eiders, specifically how sex steroids influence modulate reproductive efforts. Measurement of the metabolites of estrogen and testosterone (EM and TM, respectively) in both males and females provide a non-invasive method to monitor reproductive effort.

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Physiological Adaptations for Breeding in Birds
- Tony D. Williams - 2012-08-05

Physiological Adaptations for Breeding in Birds is the most current and comprehensive account of research on avian reproduction available. It develops a foundation that deals with the avian reproductive cycle, from seasonal gonadal development, through egg laying and incubation, to the chick rearing. Reproduction is considered in the context of the annual cycle and through an individual's entire life history. The book focuses on timing of breeding, clutch size, egg size and egg quality, and parental care. It also presents a primer on female reproductive physiology and considers trade-offs and carryover effects between reproductive effort and future reproductive success.

Endocrinology, Neuroendocrinology, Physiology, Behavior and Anatomy of Vertebrate Reproduction
- Morel, M.C.G.D. - 2008

This series of volumes represents a comprehensive and integrated treatment of reproduction in vertebrates from fishes of all sorts through mammals. It is designed to provide a readable, coordinated description of reproductive basics in each group of vertebrates as well as an introduction to the latest trends in reproductive research and our understanding of reproductive events. Whereas each chapter and each volume is intended to stand alone as a reference work on reproductive biology of a particular group, the volumes are arranged in order of increasing complexity.

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Establishing Endocrine and Behavioral Parameters of Reproduction in Pacific Walrus (Odobenus rosmarus divergens) - Lisa Triggs - 2013

Reproduction of walrus (Odobenus rosmarus) in zoos and aquaria has met with limited success. While basic information on reproduction of Pacific walrus is increasingly available, knowledge of reproductive endocrinology and endocrinology for walrus. The overall goal of the research was to monitor reproductive events and seasonal changes that occur in ex situ walruses of North America by utilizing a variety of methods. To track changes in male and female hormones, longitudinal analysis of saliva samples, changes in testosterone, estradiol, progesterone, and cortisol levels were observed. To study estrous behaviors, behavioral observation, video recording, and marking of animals were used. For this study, we compared salivary hormone levels to estrous behaviors to evaluate the presence of ovulation and to document ovulatory events, which allowed accurate pairing of an ovulation with a specific estrus. The presence of these data will help us to understand the reproductive physiology of Pacific walrus in the population and provide insight into the complex reproductive processes of these animals.

Breeders of Breeding of Cats - Symposium on Breeding Behavior and Reproductive Physiology in Birds, Denver, 1972 - 1973

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The fourth edition of this popular textbook provides a comprehensive account of how to successfully breed horses. Updated throughout, the new edition will cover techniques such as cloning, intra-cytoplasmic sperm injection (ICSI), in vitro fertilisation (IVF) and related reproductive technology that is currently being developed. This book also includes a revised and expanded section on embryo collectors and storage, as well as sections on oestrus detection, artificial insemination, fertility, pregnancy, parturition and lactation in the mare. This classic textbook is required reading for many equine science and related courses, particularly in the UK.


Equine Reproductive Physiology Breeding and Stud Management, 5th Edition provides a thorough grounding in equine reproductive anatomy and physiology and applies it to all aspects of breeding and stud management. This includes detailed coverage of the management of mares, stallions and foals, as well as stud management practices. Equine Reproductive Physiology Breeding and Stud Management, 5th Edition, offers a comprehensive account of how to successfully breed horses. This book is a proven success as a textbook for degree and diploma courses in equine science and related courses, particularly in the UK.

Equine Reproductive Physiology, Breeding and Stud Management, 6th Edition - Mina C. G. Davies Morel - 2020-11-02

Equine Reproductive Physiology Breeding and Stud Management, 6th Edition provides a thorough grounding in equine reproductive anatomy and physiology and applies it to all aspects of breeding and stud management. This includes detailed coverage of the management of mares, stallions and foals, as well as stud management practices. Equine Reproductive Physiology Breeding and Stud Management, 6th Edition, offers a comprehensive account of how to successfully breed horses. This book is a proven success as a textbook for degree and diploma courses in equine science and related courses, particularly in the UK.
Particular attention is given to seasonal breeding, and a taxonomically arranged chapter underscores the importance of comparative and evolutionary biology to an understanding of mammalian reproduction. Mammalian Reproductive Biology is a powerful argument for the value and importance of interdisciplinary approaches to research. Its almost 1,500 references constitute the most comprehensive bibliography to date on this topic. Brumon also gives detailed consideration to promising areas for future research. Well organized, carefully planned, and clearly written, this book will become standard reading for scientists concerned with any aspect of mammalian biology.

Anatomy of Dolphins - Bruno Cozzi - 2016-09-21
The Anatomy of Dolphins: Insights into Body Structure and Function is a precise, detailed, fully illustrated, descriptive, and functionally oriented text on the anatomy and morphology of dolphins. It focuses on a number of dolphin species, with keypoints on important dolphin-like genera, such as the harbor porpoise. It also serves as a useful complement for expanding trends and emphases in molecular biology and genetics. The authors share their life-long expertise on marine mammals in various disciplines. Written as a team rather than being prepared as a collection of separate contributions, the result is a uniform and comprehensive style, giving each of the different topics appropriate space. Many color figures, which use the authors' access to wide collections of unique dolphn and whale material, round out this exceptional offering to the field. Includes high-quality illustrations, drawings, halftone artwork, photographic documentation, microphotos, and tables detailing dolphin anatomy, function, and morphology. Facilitates education and training of students of all basic research and applied sciences dedicated to marine biology and the medical care of marine mammals brings together the current knowledge and information on this topic, including those in obscure past or non-English publications, or scattered in short chapters in volumes Covers a number of dolphin species and serves as a useful complement for expanding trends in molecular biology and genetics.

Physiology of Reproduction - Francis Hugh Adam Marshall - 1956
Reproductive Seasonality in Teleosts - Angus D. Muir - 1956-11-11
This important publication provides, for the first time, a comprehensive review of knowledge of reproductive seasonality in teleosts. It addresses why a particular species should show such seasonality, and how environmental cues act as regulators to ensure that reproductive maturation and breeding occur at the optimum time. The book considers the ultimate factors responsible for the evolution of reproductive seasonality in fish. It revises salient concepts of reproductive seasonality in mammals. This volume also includes a review of accumulated knowledge of the control mechanisms of salmonids, gasterosteids, temperate cyprinids, cyprinodonts and other lacrimal-water forms, and marine and tropical freshwater teleosts. This is a work of value to research consumers on this topic, including those in obscure past or non-English publications, or scattered in short chapters in volumes Covers a number of dolphin species and serves as a useful complement for expanding trends in molecular biology and genetics.

Reproduction in New World Primates - J.P. Hearn - 2012-12-06
The New World primates are becoming widely used in scientific and medical work in fields from anthropology to zoology, food-euphorium, and many. They have unique advantages. These include adaptability to disease, infectious disease, genetics, and reproduction. However, it is only now that their reproductive physiology is being clarified in any depth and this book is a first synthesis of that knowledge. The authors involved in this project have presented an up-to-date account of the major New World species used in biological and medical science. In addition to their distribution and conservation in the wild, essential biological data from laboratory studies are presented on reproductive cycles, gestation length, seasonal breeding, puberty and other factors. The major applications of these species in research are explored. Whenever possible, research workers should steer away from using endangered species in their studies. The New World monkeys used in research in any numbers are still fairly common -- the wild, yet their greatest advantages are -- their small size and high fecundity. This makes possible the establishment of self-sustaining captive breeding colonies at a fraction of the time and cost necessary for the more conventional Old World laboratory primates. Consequently the nand on wild stock needed not be extensive as only breeding nuclei should be necessary.

Genetics of Reproduction in Sheep is a compilation of papers that are concerned with the study and application of genetics to the reproduction in sheep. The book is divided into six parts, grouping the papers according to topic. The main topics include genetic variation and selection, the inheritance and the effects of the Booroola gene, genetic strategies for single genes; physiology of genetic variation; the physiological criteria of genetic merit; and the national requirement and systems of breeding. The text is recommended for those involved with raising sheep and plan to apply genetics in their reproduction, as well as for geneticists who wish to conduct studies on how their field is applied to sheep reproduction.

Reproductive Physiology - Andrew Vladimir Nalbandov - 1958
"Deals with the breeding season, the morphology of the reproductive organs, and cyclic changes in the female." -- editor's note.

Reproduction in New World Primates - Francis Hugh Adam Marshall - 1956
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Physiological Ecology and Reproductive Effort in a Migratory Seabird - Morgan E. Gilmore - 2011
I assessed diet and physiology during the breeding and non-breeding seasons contributed to the reproductive success, survival, and oxidative stress of a long-lived migratory seabird, Laush's storm-petrel (Oceanodroma leucorhoa).

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